



Betterbee[®]
2025
CATALOG





Dear Friend of Betterbee,

Just like the busy bees on the cover of our 2025 catalog, we recognize that we are all in this together. Our top priority is helping you thrive as a beekeeper, and we're excited to provide you with seasonal, relevant education along with our great products. This year, we've added *even more* helpful tips and tricks in our educational section to support you in honing your skills.

We hope you love the overall fresh look of our catalog, complete with larger images and a better way to see all the product features at a glance. We believe it shows that all you need for your beekeeping and crafting journeys can be found at Betterbee!

As always, we're here to help. Shoot us an email at support@betterbee.com or give us a call at **800-632-3379** (or **518-314-0575**). We'd love to chat about your questions, comments, or just to share our beekeeping passion with each other. Here's to an amazing beekeeping year ahead!

Your Partners in Better Beekeeping,
The Betterbee Family



Congratulations to Jason Crook for winning our 2025 cover photo contest!

Jason Crook is a dedicated beekeeper and founder of Bohemia Apiary in Cecil County, MD, established in 2015. Starting with just one bee colony, he has expanded the apiary to over 100 colonies, focusing on sustainability, honey production, and conservation.

Jason says, "This photo that we call 'Eye of the Bee Holder' was taken from a swarm we caught on a tulip poplar tree in Warwick, MD. The bee cluster festooning made what appears to be a heart. The sun peeking through the bees festooning to hold the cluster together made for an amazing shot."

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Notice a product without a price? Visit www.betterbee.com for the most up-to-date pricing on these and all other products.

New Products for 2025

Check out a sampling of our new products below. There are more sprinkled throughout this catalog!

 Hogg Halfcomb Frames PAGE 44	 Tabletop Wax Melter PAGE 108	 VarroaSan Treatment PAGE 59
 Honey-Filled Candies PAGE 158	 Bee Smart Quad System PAGE 27	 Packable Jacket PAGE 70

Helpful Resources

As beekeepers ourselves (learn more about this on **page 4**), we know that constant learning is key to growing as a beekeeper. Here are the resources we hope will help you with your craft this year. Simply scan the QR codes below with your phone or tablet to check them out:


			
Explore the Betterbee website	Shop for bargain and sales items	Subscribe to get our newsletter	Check out our Beekeeping Quick Guide

Warning! Extremely high mite count!

Spot the 10 varroa mites hidden throughout this catalog. Cross them out to save your bees!

(And don't forget to monitor and treat for mites with your real bees when needed!)

See **page 86** for the answer key.



✓ **We really are Beekeepers Serving Beekeepers®!** Here at Betterbee, we take our motto "Beekeepers Serving Beekeepers" very seriously. We are constantly developing new programs to educate our employees to better help you, our customers, with anything you may need.



Betterbee® KNOWS BEEKEEPING

In 2023, employees from the Betterbee workshop, shipping, and customer service departments "adopted" hives in the teaching bee yard. Greg Ralston, Betterbee Beekeeper and Adopt-a-Hive Program Coordinator, explains: "The Adopt-a-Hive program is an opportunity for employees to gain hands-on skills. **You can read all about beekeeping, but having your hands in a hive is a whole different experience.**"

All the students were enthusiastic and eager to learn. The most joyous moments came when the students were able to pick out the queen without assistance. Overall, the program accomplished what I hoped it would: to get hive tools into the hands of new beekeepers."

All of Greg's students loved the hands-on experience. Ashley, a customer service representative said, "By going into the hive with Greg, I was able to see what our customers are seeing when they call to ask questions." No outsourced call centers here: when you call Betterbee, real humans with beekeeping experience or interest help you! Give us a call at **800-632-3379** or **518-314-0575** or email us at **support@betterbee.com**.

Ready to jump into beekeeping, or to transition your hive setup? Shop all different size boxes and hive components by scanning the QR codes below!

SHOP SHALLOW BOXES, FRAMES, AND COMPONENTS

Shallows are 5-11/16" and work well as a lower-weight honey super.



SHOP MEDIUM BOXES, FRAMES, AND COMPONENTS

Mediums are 6-5/8" tall and are the standard-sized honey super.



SHOP DEEP BOXES, FRAMES, AND COMPONENTS

Deeps are 9-1/2" tall and are the standard-sized brood box.



There is a bewildering amount of information out there on beekeeping. We break it down into a simple checklist below to get you oriented, since it's easy to get overwhelmed. Beekeeping is a fun and fascinating hobby, and we want you to succeed!

To help you along in your journey, we've sprinkled educational information throughout this catalog, and added a Beekeeping Guide to the center pages, so please use our catalog as an educational resource while you grow as a beekeeper.



Scan the QR code with your phone or tablet to check out our Beekeeping Quick Guide.

1. KNOWLEDGE

Know what you're getting into. As a beekeeper, you will be responsible for living beings that require management and support. We suggest that you:

- Take some classes through Betterbee
- Join a local bee club
- Find a mentor
- Read a magazine like *Bee Culture* or *American Bee Journal*
- Read online forums
- Call Betterbee with any questions
- Listen to *Beekeeping Today Podcast* episodes

2. EQUIPMENT

ESSENTIALS FOR YOUR BEES:

- *Varroa destructor* mite monitoring gear and treatments
- Syrup feeder
- Outer cover
- Inner cover
- Deep or medium hive bodies (the brood boxes)
- Shallow or medium supers (for honey)
- Frames and foundation to go in the supers and brood boxes
- Bottom board
- Hive stand

FOR YOURSELF:

- Class at Betterbee and book for beginners
- Hive tool
- Smoker and fuel
- Protective gear (jacket or suit, veil, gloves)
- Hive inspection journal

3. LOCATION

A good hive location can make all the difference. It's best if your hives are visible to you everyday in case of hive mishaps such as tip-overs or the outer cover blowing off. Keep these additional guidelines in mind when choosing your hive location:

- Set up hives so the bees' flight path in and out doesn't cross a heavily used area, like a garden, sidewalk, or driveway
- Ensure hives have good air flow (don't place them in a low-lying area)
- Have a water source, like a stream or pond, closer to the hives than a swimming pool
- Be sure you can use a vehicle or cart to access the hives
- Get permission (local ordinances, neighbors, landlord)

4. PREPARATION

Get everything ready ahead of time to be sure you are fully prepared when you pick up your bees!

- Assemble and paint the exterior of your equipment (note that this could take you a couple of weeks to complete)
- Choose a site and set up your hive stand
- Practice lighting your smoker (and keeping it lit). Try the Betterbee Cotton Smoker Fuel on **page 51**. We have received "complaints" that people can't get it to go out!
- Put on your veil and visit others with experience working with bees

5. YOUR BEES

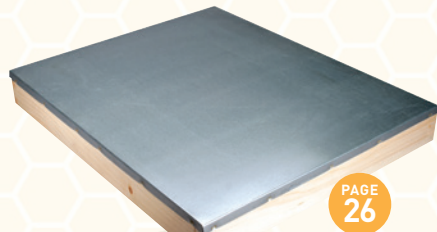
If your budget allows, we recommend starting with two hives. This will allow for comparison. One colony may sometimes need a transplant of resources from another to survive, an option you won't have with just one hive.

BEEHIVE ANATOMY (ESSENTIALS)

✓ **Where do all the basic hive components go?** Betterbee offers all of the different hive components to maintain strong and healthy colonies. This diagram shows the location of each component on the hive and its purpose.

OUTER COVER

Provides rain and wind protection for the entire hive. Available in BeeMax (polystyrene), traditional wood with metal (insulated also available), and tough plastic.



PAGE 26

INNER COVER

Prevents outer cover from being stuck to the uppermost box as well as prevents burrcomb from being built. Notch provides ventilation and an upper entrance. Central hole for ventilation as well as some styles of syrup feeder access.



PAGE 27

HONEY SUPER

Provides space for the bees to store honey. The bees will use this space as needed and may also use it for brood production and pollen storage. Most full-size colonies need 3 medium supers.



PAGE 16

HIVE BODY

The year-round home for your bees. Many beekeepers in the north use 2 hive bodies. Also called the brood box.



PAGE 28

SCREENED BOTTOM BOARD

Used for the monitoring of *Varroa destructor* mites and to provide ventilation. Part of an Integrated Pest Management (IPM) system. Also called a varroa screen. Can be used instead of, or in addition to, a reversible bottom board.



PAGE 28

REVERSIBLE SOLID BOTTOM BOARD

Traditional hive base available in pine or cedar. Can be used below or instead of a screened bottom board. Can be flipped to use different size entrance.

5 TIPS ON
WHERE TO
PLACE YOUR
HIVES

1. PLENTY OF FOOD OPTIONS:

Place your hive in an area with ample food sources nearby, such as open meadows of wildflowers or woods full of flowering trees.

2. PROTECTION FROM WIND:

We like to place our hives along a hedgerow when possible to protect the hives, especially from winter winds. Facing the entrance of our hives in a southeast orientation better protects the bees.

3. EASY ACCESS:

It is quite nice to be able to drive up to your hives, especially when you are harvesting heavy honey supers. And if you ever have to move your hives, being able to drive up to them is very convenient!

4. PERMISSION:

Your backyard is fine by your standards, but what does your neighbor, town, or landlord think?

5. ACCESS TO WATER:

Bees need a constant supply of water to prevent them from using your neighbor's pool. You can fill a birdbath with gravel and water to use as a bee waterer. If you have a stream, ditch, or a pond nearby, the bees will prefer that. Bees will choose the closest water source.

4 TIPS ON
HOW TO
KEEP BEES
IN A CITY

1. RESEARCH:

Read up and watch YouTube videos on urban beekeeping across the country. Keep in mind the following questions: Where will I put my hives? Is there a legal limit on how many hives I can set up? What is the best way to maintain my hives?

2. GET BUY-IN ON YOUR PLANS:

If you rent, be sure to talk to your landlord. If your property is managed by a Homeowner's Association (HOA), discuss your beekeeping plans with them. Let your neighbors know about your urban bee project before you set up your first hive.

3. PICK A SPOT FOR YOUR APIARY:

Be sure to choose a location away from neighbors and the general public. Look for an area not near a gathering space, and plan to elevate and secure your hives on a sturdy base.

4. CONSIDER THE ROOFTOP:

If you have access to your rooftop, and permission to use it, follow the same rules as you would for a hive on the ground (in the tips to the left). Keep in mind that a light-colored roof or a green roof is better for your bees since tar roofs attract heat.

BEEKEEPING BASICS
HIVE EQUIPMENT (ACCESSORIES)

✓ **What else can I get for my hive?** As a beekeeper, it's important to get the basics down, but sometimes you need additional equipment based on your management needs. Below is a list of supplemental equipment you may want to consider.



PAGE 52

BEEMAX
HIVE TOP FEEDER

Allows for rapid feeding of the hive without disturbing the bees. Remove the inner cover and place feeder between the outer cover and upper-most box.



PAGE 89

FUME BOARD

Helps remove bees from the honey supers when you are ready to harvest the honey. Apply Bee-Go or Bee-Quick and place on top of the honey super. (Shown upside down for illustrative purposes.)



PAGE 89

TRIANGLE
ESCAPE BOARD

Another option to remove bees from the honey supers when you are ready to harvest honey. Place below the honey super(s) you wish to harvest, and check back in 24 hours. (Shown upside down for illustrative purposes.)



PAGE 29

QUEEN EXCLUDER

Helps keep the queen out of the honey supers. Available in metal or plastic. Place between the honey super(s) and hive bodies.



PAGE 29

DOUBLE SCREEN

Used by advanced beekeepers in many different ways to isolate upper boxes and move bees by changing entrance locations.



PAGE 28

SLATTED RACK

Helps keep the brood chamber warmer in winter and gives a clustering space inside so fewer bees "beard" outside in the summer. Place above the bottom board and below the lower-most hive body.



PAGE 47

BOTTOM MOUNT
POLLEN TRAP

Collect a portion of the pollen the bees bring back to the hive. Place above the bottom board and below the lower-most hive body.

ORDERING BEES & QUEENS

TWO WAYS TO BUY: A **PACKAGE** is 3 pounds of loose bees with feed and a mated, marked (or unmarked) queen in a separate queen cage. A **NUC** is an already thriving colony of bees with a mated, marked queen on 5 deep frames of honey, pollen, and brood.

ORDERING: Bees go up for sale starting in mid-December. You can order them online or by phone, but they must be ordered separately from merchandise. We usually sell out of both nucs and packages — typically by the end of February, so order early!

PAYMENT: Full payment is due when your order is placed. Because of limited supplies, a \$20 cancellation fee *per package or nuc* will be charged for any cancellations before March 31st. If the cancellation is after March 31st, there will be no refunds unless the package or nuc can be resold, less the \$20 cancellation fee each.

RETURNS & REFUNDS: There are no returns or refunds once the customer accepts the bee package or nuc at our store in New York.

ADDITIONAL ORDERS: Need additional equipment when you pick up your bees? Placing a separate order a week or so prior to your pickup date ensures it's ready for you when you get here!

BEE PREPARED: Build and paint your hives before getting your bees, as you will need to install the bees in their new home the day you get them. Don't wait!

PICK-UP DAY INFO: Spring weather will dictate when bees are available. We will give as much notice as possible on expected delivery dates. Please plan to pick up early in the day, and make sure we have your current contact information in case we need to get in touch. We recommend that you make a few gallons of 1:1 sugar syrup to feed your new bees.

SHIPPING: We do not ship packages or nucs. Picking up bees at a central location ensures a greater survival rate, as it creates less stress for the bees. When you order bees, we will ask for best method of contact, so that we can keep you updated on expected delivery dates.

JUST NEED QUEENS? We sell queens from mid-April to September, and make them available for pre-order in February. They are invoiced separately from other items because they are shipped separately via overnight shipment. Queen acceptance depends on several factors beyond our control. For this reason, we only offer replacement if the queen arrives dead or if she is a drone layer.

TEMPQUEEN Queen Pheromone

QPH1 \$6.19

- Plastic strips infused with synthetic Queen Mandibular Pheromone (QMP)
- Provide a temporary replacement for the queen in queenless hives and nucs
- Store in the freezer in an airtight plastic bag



SWARM BAIT with Nasonov

CATCH \$6.89

- Great aid in catching swarms
- Synthetically-produced orientation pheromone that will attract swarms to a swarm-catching box
- Sold in a package of 2
- Store in the freezer in an airtight plastic bag



Scan this QR code with your phone or tablet to read our Nucs Vs. Packages Newsletter Article



3 LB. PACKAGE with Italian Queen

BEEDAY

- Approximately 3 pounds (around 10,000) of Italian bees in a screened cage from Wilbanks Apiaries in Claxton, Georgia
- Italian bees are known for being laid back and manageable
- Includes a young, mated queen either marked or unmarked
- Available for pick-up only from mid-April through mid-May



OVERWINTERED NUC with Mated Queen

OWNUC

NUCBAG Ventilated Nuc Bag \$6.50

- 5 ready-to-grow deep frames and foundation full of bees, brood, and honey
- Prepared the previous summer with a marked queen by Betterbee's Bee Team in Greenwich, New York
- The queen and her colony survived the harsh Upstate New York winter
- Each nuc is inspected by Betterbee's Bee Team to ensure strength

SPRING NUC with Mated Queen

SPRINGNUC

NUCBAG Ventilated Nuc Bag \$6.50

- 5 ready-to-grow deep frames and foundation full of bees, brood, and honey
- Made in early spring by Kutik's, our trusted nuc producer in South Carolina
- Each nuc is inspected by Betterbee's Bee Team to ensure strength

BEES & QUEENS



NORTHERN Queen

QUEENNORTHERN

- Young, vigorous, locally-adapted queens
- Well-acclimated to harsh northern weather conditions
- Selected for winter hardiness, mite and disease resistance, temperament, and honey production
- Available starting in June



CARNIOLAN Queen

QUEENCARNIOLAN

- Queens known for their gentle disposition and resistance to mite infections
- Ability to control hive populations in response to nectar flows
- Available starting in April



KUTIK Queen

QUEENKUTIK

- Queens raised to be hygienic, strong producers with traits favored by local beekeepers
- Available starting in April

BUYING A QUEEN, FOR MAIL OR PICKUP

Queens come in a cage with a few workers to keep her fed and clean. Our queens are intended for use in making nucs or splits, or for requeening existing hives, not for starting a colony.

NUCS ARE SMALL COLONIES

Also called nucleus hives, these colonies consist of 5 deep frames of comb with brood, bees, a laying queen, honey, and pollen, with some empty space for the hive to expand — all inside a Pro Nuc for easy transport home. Nucs are available for pickup early- to mid-spring, but these dates are dependent on spring weather. We inspect every nuc to ensure health and strength.

✓ **Kick off your beekeeping journey with our basic hive setups.** Our Basic Beginner Kit includes all the essentials needed to start a hive, including protective clothing, tools, and how-to literature.

The Basics Kit is a cost-effective way to add a hive to your apiary. Expect to add additional equipment as your colony grows throughout the season. Visit www.betterbee.com for all our kit pricing!



WOODEN
Basic Beginner Kit

- BBK10A** 10 Frame Assembled
- BBK10U** 10 Frame Unassembled
- BBK8A** 8 Frame Assembled
- BBK8U** 8 Frame Unassembled



BEE MAX
Basic Beginner Kit

- BMBBKA** 10 Frame Assembled
- BMBBK** 10 Frame Unassembled



LYSON
Basic Beginner Kit

- LYBBKA** 10 Frame Assembled
- LYBBKU** 10 Frame Unassembled



WOODEN
Complete Beginner Kit

- BK10A** 10 Frame Assembled
- BK10U** 10 Frame Unassembled
- BK8A** 8 Frame Assembled
- BK8U** 8 Frame Unassembled



BEE MAX
Complete Beginner Kit

- BMBKA** 10 Frame Assembled
- BMBK** 10 Frame Unassembled



LYSON
Complete Beginner Kit

- LYBKA** 10 Frame Assembled
- LYBKU** 10 Frame Unassembled



WOODEN
Basics Kit

- BASWEKA10** 10 Frame Assembled
- BASWEKU10** 10 Frame Unassembled
- BASWEKA8** 8 Frame Assembled
- BASWEK8** 8 Frame Unassembled



BEE MAX
Basics Kit

- BASBMEKA** 10 Frame Assembled
- BASBMEK** 10 Frame Unassembled



LYSON
Basics Kit

- BASLYEKA** 10 Frame Assembled
- BASLYEKU** 10 Frame Unassembled



WOODEN
Increase Kit

- WIKA10** 10 Frame Assembled
- WIKU10** 10 Frame Unassembled
- WIKA8** 8 Frame Assembled
- WIKU8** 8 Frame Unassembled



BEE MAX
Increase Kit

- BMIKA** 10 Frame Assembled
- BMIK** 10 Frame Unassembled



LYSON
Increase Kit

- LYIKA** 10 Frame Assembled
- LYIKU** 10 Frame Unassembled

✓ **Your resource for all medium hive setups!** While overall colony size does not change, the All Mediums Kit features brood boxes and frames smaller and lighter in weight, making handling easier. Visit www.betterbee.com for all our kit pricing!



WOODEN
All Mediums Kit

- WLKA10 10 Frame Assembled
- WLKU10 10 Frame Unassembled
- WLKA8 8 Frame Assembled
- WLKU8 8 Frame Unassembled



BEEMAX
All Mediums Kit

- BMWLKA 10 Frame Assembled
- BMWLK 10 Frame Unassembled



LYSON
All Mediums Kit

- LYWLKA 10 Frame Assembled
- LYWLKU 10 Frame Unassembled
- LY8WLKU 8/9 Frame Unassembled



WOODEN
Essentials Kit

- WEKA10 10 Frame Assembled
- WEKU10 10 Frame Unassembled
- WEKA8 8 Frame Assembled
- WEKU8 8 Frame Unassembled



BEEMAX
Essentials Kit

- BMEKA 10 Frame Assembled
- BMEK 10 Frame Unassembled



LYSON
Essentials Kit

- LYEKA 10 Frame Assembled
- LYEKU 10 Frame Unassembled
- LY8EKU 8/9 Frame Unassembled



WOODEN
Supering Kit

- SKA10 10 Frame Assembled
- SKU10 10 Frame Unassembled
- SKA8 8 Frame Assembled
- SKU8 8 Frame Unassembled



BEEMAX
Supering Kit

- BMSKA 10 Frame Assembled
- BSK1 10 Frame Unassembled



LYSON
Supering Kit

- LYSKA 10 Frame Assembled
- LYSKU 10 Frame Unassembled



WOODEN
Complete Hive Bodies

- CMSA10 10 Frame Wooden Medium
- CDHBA10 10 Frame Wooden Deep
- CMSA8 8 Frame Wooden Medium
- CDHBA8 8 Frame Wooden Deep



BEEMAX
Complete Hive Bodies

- BMSA Complete BeeMax Medium
- BMDA Complete BeeMax Deep



LYSON
Complete Hive Bodies

- LYSA10 10 Frame Lyson Medium
- LYDA10 10 Frame Lyson Deep

THE BASICS

Betterbee's hives all follow the Langstroth design: a tall stack of boxes filled with movable frames of comb, to mimic a hollow tree, the typical home for northern honey bees.

Let's start with some definitions. A **frame** is a wooden or plastic item on which the bees build their beeswax comb. **Foundation** is the hexagon-patterned center sheet in each frame. Bees create comb on each side of foundation. **Comb** is where bees raise brood (baby bees) and store their food (pollen and honey) in tiny, hexagon-shaped cells. All states require movable combs so that colonies can be inspected for diseases.

The hives are sized by how many frames fit in the boxes (**10 frame or 8 frame**). Boxes are named by their heights and uses. There are **deeps, mediums, and shallows**. Two deeps are mainly used at the bottom of the hive as the **brood chamber**. Mediums are typically used for honey storage, but some people also use them as brood chambers. Shallows are generally used for honey storage. Any box used for honey storage at the top of a hive is called a **super**. By the end of a colony's 2nd year, it may use 3 or 4 supers in summer, above its brood boxes.

Match the size of your frames, foundation, and boxes. For example, deep boxes need deep frames, with deep foundation in the frames. Bees accept either kind of foundation equally well: **beeswax foundation** or **beeswax-coated plastic foundation**. The plastic kind is stronger and also easier to install in frames. The beeswax kind has wires in it for reinforcement, and is more of a classic style.

10 FRAME

WOODEN

10 frame wooden hive equipment has been the industry standard for over 170 years. A typical 10 frame hive in winter has 2 deep brood chambers. A comparable 8 frame hive is narrower but taller, and for winter might be 2 deeps plus a medium.

8 FRAME

WOODEN

8 frame equipment is lighter than 10 frame equipment. When full of honey, an 8 frame medium super weighs 40 to 45 pounds, while a full 10 frame medium super weighs 45 to 50 pounds.

ALL MEDIUMS

Using all medium boxes is an increasing trend. Both 10 and 8 frame hives can consist of all medium boxes. Using all mediums, the beekeeper only needs to have a single size of frame and box on hand.

3 medium boxes as a brood chamber is equivalent to 2 deep boxes. However, because the frames are smaller, one needs to inspect more frames to do a complete hive inspection. Additionally, most nucleus colonies (nucs) are sold with deep frames. When buying bees to start with an all medium setup, consider buying a package or look for nucs that are made with medium frames.

POLYSTYRENE

Polystyrene hives provide about 7x more insulation than wooden hives. These hives are a great option in both hot and cold seasons because better insulation keeps in-hive temperatures more steady. The internal dimensions of polystyrene and wooden hives are the same, so different-style boxes can be stacked. The top box just needs to use the associated outer cover so it will fit (e.g. BeeMax cover for BeeMax box).

We offer two types of polystyrene hives: **Lyson** and **BeeMax**. Lyson boxes are 85% the weight of woodenware, slightly more durable than BeeMax, and have excellent ventilation options. BeeMax boxes are 42% the weight of woodenware, and require no tools to assemble. Learn more on [pages 32-35](#).

HUMBLE ABODES AND BETTERBEE

Humble Abodes and Betterbee: working together to offer the best woodenware in the industry! Humble Abodes was founded in 1998 to manufacture high-quality beehives and frames. Their products are designed for large beekeepers, hobbyists, and dealers alike. Betterbee is a proud partner of Humble Abodes.

WHY CHOOSE BOXES AND FRAMES FROM HUMBLE ABODES

Discover the difference for yourself: Try out our top-of-the-line frames and boxes from our sister company, Humble Abodes. All Humble woodenware is made of Eastern White Pine, which resists splitting better than other varieties of wood.

Humble Abodes boxes are made in both 8 and 10 frame sizes. All boxes have authentic finger joints and E-Z grip 6" handholds, creating an easy-to-manuever, sturdy hive body.

High-quality Humble Abodes frames are precision-cut from Eastern White Pine, which resists splitting better than other varieties of wood. Top bars are available in a wedge and groove style. Our side bars are over 3/8" thick and are pre-drilled. Our bottom bars are grooved to fit all foundation types.

HUMBLE ABODES WOOD GRADES



Select Grade Boxes

- > Top tier option
- > Made with clear-grade lumber
- > Virtually knot-free



Commercial Grade Boxes and Frames

- > Boxes may include solid knots
- > No knots near box nailing joints
- > Frames are free of knots



Budget Grade Boxes and Frames

- > Boxes offer great value
- > Some blemishes
- > Knots may have darker color variations
- > Frames feature small blemishes and knots



CHOOSE FROM ASSEMBLED OR UNASSEMBLED BOXES AND FRAMES

Don't have time to assemble your boxes or frames? We can do it for you! Or save some money and opt to assemble them yourself. The choice is up to you.



10 & 8 FRAME WOODENWARE



8 + 10 FRAME Deep Boxes

The year-round home for your bees. Often called a brood box. Called the deep super when used for honey storage. Many beekeepers in the north use two deep boxes.

DIMENSIONS: 19-7/8" L x 16-1/4" W x 9-1/2" H
WEIGHT: 75-85 lb. (when filled with honey)

10 FRAME UNASSEMBLED DEEP

BOXHDU10B
Budget 3/4 inch
1-4 **\$20.59**
5-24 **\$19.99**

BOXHDU10C
Commercial 3/4 inch
1-4 **\$22.19**
5-24 **\$21.59**
25+ **\$20.29**

BOXHDU10S
Select 3/4 inch
1-4 **\$25.79**
5-24 **\$25.09**
25+ **\$24.59**

8 FRAME UNASSEMBLED DEEP

BOXHDU8B
Budget 3/4 inch
1-4 **\$20.59**
5-24 **\$19.99**

BOXHDU8C
Commercial 3/4 inch
1-4 **\$22.19**
5-24 **\$21.59**
25+ **\$20.29**

BOXHDU8S
Select 3/4 inch
1-4 **\$25.79**
5-24 **\$25.09**
25+ **\$24.59**

10 FRAME ASSEMBLED DEEP

BOXHDA10C
Commercial 3/4 inch
1-4 **\$27.79**
5-24 **\$27.09**
25+ **\$25.49**

BOXHDA10S
Select 3/4 inch
1-4 **\$31.39**
5-24 **\$30.49**
25+ **\$29.89**

8 FRAME ASSEMBLED DEEP

BOXHDA8C
Commercial 3/4 inch
1-4 **\$27.79**
5-24 **\$27.09**
25+ **\$25.49**

BOXHDA8S
Select 3/4 inch
1-4 **\$31.39**
5-24 **\$30.49**
25+ **\$29.89**

8 + 10 FRAME Medium Boxes

Provides a space for your bees to store the honey crop, and can also be used as a brood box. Three mediums roughly equal two deeps, so some use three mediums as brood boxes.

DIMENSIONS: 19-7/8" L x 16-1/4" W x 6-5/8" H
WEIGHT: 50-55 lb. (when filled with honey)

10 FRAME UNASSEMBLED MEDIUM

BOXHMU10B
Budget 3/4 inch
1-4 **\$17.49**
5-24 **\$16.99**

BOXHMU10C
Commercial 3/4 inch
1-4 **\$19.59**
5-24 **\$19.09**
25+ **\$18.69**

BOXHMU10S
Select 3/4 inch
1-4 **\$22.69**
5-24 **\$22.19**
25+ **\$21.69**

8 FRAME UNASSEMBLED MEDIUM

BOXHMU8B
Budget 3/4 inch
1-4 **\$17.49**
5-24 **\$16.99**

BOXHMU8C
Commercial 3/4 inch
1-4 **\$19.59**
5-24 **\$19.09**
25+ **\$18.69**

BOXHMU8S
Select 3/4 inch
1-4 **\$22.69**
5-24 **\$22.19**
25+ **\$21.69**

10 FRAME ASSEMBLED MEDIUM

BOXHMA10C
Commercial 3/4 inch
1-4 **\$24.69**
5-24 **\$24.19**
25+ **\$23.79**

BOXHMA10S
Select 3/4 inch
1-4 **\$27.79**
5-24 **\$27.29**
25+ **\$26.89**

8 FRAME ASSEMBLED MEDIUM

BOXHMA8C
Commercial 3/4 inch
1-4 **\$24.69**
5-24 **\$24.19**
25+ **\$23.79**

BOXHMA8S
Select 3/4 inch
1-4 **\$27.79**
5-24 **\$27.29**
25+ **\$26.89**

8 + 10 FRAME Shallow Boxes

Commonly used for cut comb and honey production. Shallow supers full of honey weigh significantly less than full medium supers, making them a great lightweight option.

DIMENSIONS: 19-7/8" L x 16-1/4" W x 5-11/16" H
WEIGHT: 40-45 lb. (when filled with honey)

10 FRAME UNASSEMBLED SHALLOW

BOXHSU10C
Commercial 3/4 inch
1-4 **\$19.59**
5-24 **\$19.09**
25+ **\$18.69**

8 FRAME UNASSEMBLED SHALLOW

BOXHSU8C
Commercial 3/4 inch
1-4 **\$19.59**
5-24 **\$19.09**
25+ **\$18.69**

10 FRAME ASSEMBLED SHALLOW

BOXHSA10C
Commercial 3/4 inch
1-4 **\$24.69**
5-24 **\$24.19**
25+ **\$23.79**

8 FRAME ASSEMBLED SHALLOW

BOXHSA8C
Commercial 3/4 inch
1-4 **\$24.69**
5-24 **\$24.19**
25+ **\$23.79**

BOX ACCESSORIES



ULTIMATE Grip-N-Lift Handles

HHULT2 **\$13.50**

- New, sturdier design for 2025!
- Handle boxes without the hassle of using hard-to-hold indents
- Includes 5 pairs of handles, hardware, and instructions



PRYPOINT Spacer Tools

PRYPOINT **\$13.50**

- Prevent gouges in your woodenware from prying boxes apart
- Includes 10 pieces (5 pairs) to protect your hive bodies



BOTTOM BOARD Cleaning Tool

BSCLEANER **\$4.89**

- Easily clear dead bees and debris off the bottom board
- Clean your varroa tray for a mite drop check



STAINLESS STEEL Frame Holder

FHW Frame Holder (Wood Hives) .. **\$16.89**

FHBM Frame Holder (Poly Hives) .. **\$16.89**

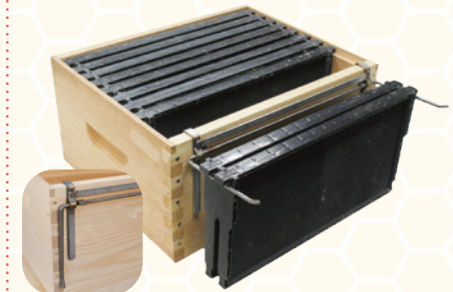
- Hang frames in the holder to make space in the hive during inspection
- Fits both 7/8" and 3/4" woodenware



LITTLE MULE Frame Holder

FH3 **\$33.49**

- One-piece welded stainless steel
- Holds 3 frames of any size and style
- Fits both 7/8" and 3/4" woodenware



COLLAPSIBLE METAL Frame Holder

FHC **\$29.89**

- Folds flat for easy storage
- Makes for a faster, cleaner, and easier inspection
- Fits both 7/8" and 3/4" woodenware

UNASSEMBLED Humble Abodes Wooden Frames

DIMENSIONS:

Deep: 19" L x 9-1/8" H
 Medium: 19" L x 6-1/4" H
 Shallow: 19" L x 5-3/8" H

DEEP WOODEN FRAMES

DWF8 8-Pack	\$15.69
DWF10 10-Pack	\$19.49
DWF100 100-Pack	\$149.00
DWFB100 100-Pack Budget	\$134.00

MEDIUM WOODEN FRAMES

MWF8 8-Pack	\$15.69
MWF10 10-Pack	\$19.49
MWF100 100-Pack	\$149.00
MWFB100 100-Pack Budget	\$134.00

SHALLOW WOODEN FRAMES

SWF8 8-Pack	\$15.71
SWF10 10-Pack	\$19.52
SWF100 100-Pack	\$144.15
SWFB100 100-Pack Budget	\$133.85

- Made of precision-cut, quality Eastern White Pine by Humble Abodes, our woodenware partners in Maine
- Frame top bar styles available in grooved (for use with plastic foundation) and wedged (for use with wax foundation)
- Frame bottom bars are grooved
- Use wood glue and nails (page 22) during assembly for the longest lasting frames



HUMBLE ABODES

ASSEMBLED Humble Abodes Wooden Frames

ADF Assembled Deep	\$3.18
AMF Assembled Medium	\$3.18
ASF Assembled Shallow	\$3.18

- Our high-quality Humble Abodes frames nearly ready for use: just add foundation!
- Specify size and grooved (for use with plastic foundation) or wedged (for use with wax foundation)



DEEP + MEDIUM Follower Boards

FBD Deep	\$8.19
FBM Medium	\$8.19

- Manage frame spacing to prevent abnormal comb creation
- Made with a piece of plywood, takes up the space of 1/2 of a normal frame
- Remove one frame from the hive, and place one follower board at each outer wall of the hive



ASSEMBLED Wooden Frame + Plastic Foundation

STANDARD WAXED FRAME

ADFP Deep	\$4.32
AMFP Medium	\$4.11
ASFP Shallow	\$4.32

HEAVY-WAXED FRAME

ADFPHW Deep	\$4.79
AMFPHW Medium	\$4.53

- Take your pick of ready-to-use assembled deep, medium, or shallow frames with choice of foundation color in 5.2mm cell size
- Black frames are great for seeing eggs and larvae while white frames are great for honey frames
- We use heavy-waxed frames in our own apiaries for bee acceptance

✓ **Tired of assembling frames, but prefer wooden frames?** Let Betterbee do the hard work for you! Typically, deep frames come with black plastic foundation and medium frames come with white plastic foundation. Bees are more willing to build comb on foundation with an extra layer of wax, so we recommend using our heavy waxed frames (or adding additional wax to our standard waxed frame).



WIRED + ASSEMBLED Wooden Frames

ADFW Deep	\$4.11
AMFW Medium	\$3.18

- Wedged frame style top bars
- Cross-wiring ensures that a variety of wax foundation lays flat and produces uniform comb
- Use a spur wheel embedder or small transformer to embed the wires into the wax

WE OFFER 3 DIFFERENT FRAME SET-UPS:

1. WOOD FRAMES + WAXED PLASTIC FOUNDATION

We can assemble these for you, or you can assemble them. To install your own plastic foundation, turn the frame upside down, put the long edge of the foundation into the frame's top bar groove, then flex and pop the other edge into the bottom bar groove. Available coated with standard beeswax or a heavy layer of beeswax. Choose either black or white foundation.

2. WOOD FRAMES + WAX FOUNDATION

For best results using wax foundation, support the wax either by cross wiring or using support rods. Wiring is a tedious step in frame assembly and we offer frames that are pre-wired and ready for foundation installation. Unfortunately, we do not install the wax foundation because it is too fragile to ship assembled.

3. ONE-PIECE WAXED PLASTIC FRAME + FOUNDATION

Frames and foundation are one piece and require no assembly. We recommend adding extra beeswax to plastic foundation or using our heavy waxed frames. In our yards, the bees draw out plastic foundation with heavy wax more readily than the standard pre-waxed plastic foundation. Choose either black or white foundation.

PLASTIC FRAMES & FOUNDATION



PLASTIC ONE-PIECE Green Drone Frame

DRONE2 Medium.....	\$4.39
DRONE1 Deep	\$4.48
DRONE52 Box of 52 Deep.....	\$188.00

- Use this wax-coated green plastic frame to lure varroa mites into drone brood as a way to lower mite counts naturally
- Remove every 3 weeks, freeze for 24 hours to kill the mites, thaw, then reinstall in the hive
- Must switch out the frame every 3 weeks or will increase the mite population to a dangerous level



FREEZE FRAME Storage Bags

FRAMEBAG	\$10.89
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- Prevent messes in your freezer or other frame storage area
- Zip-style bags perfect for dry or freezer storage
- Fits shallow, medium, and deep Langstroth frames
- Pack of 12 storage bags

PLASTIC ONE-PIECE Frame + Foundation

STANDARD WAXED FRAME

PLASTICD Deep	\$3.69
1-3 Boxes of 52.....	\$174.00

PLASTICM Medium	\$3.09
1-3 Boxes of 72.....	\$174.00

HEAVY-WAXED FRAME

PLASTICDBHW Deep	\$4.20
1-3 Boxes of 52	\$196.00

PLASTICMHW Medium.....	\$3.55
1-3 Boxes of 72	\$199.00

- Pull these one-piece Pierco frames out of the shipping box and put them right in your hive!
- Sturdy plastic frames with reinforced frame ears to prevent breakage
- Deep and medium plastic frames have 15% and 6% more cells, respectively, than wooden frames
- Choose from deep or medium frame sizes and standard or heavy-waxed coating
- 5.2mm cell size



SILICONE Foundation Mold

FM1	\$39.89
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- Melt your extra beeswax down and use this food-grade silicone mold to make your own wax foundation
- Comes in a deep size
- Foundation can be trimmed to make medium or shallow foundation
- 5.4mm cell size

CRIMPED WIRE Foundation

- Features hooks on one edge to attach foundation under frame wedge (also offered without hooks)
- 5.4mm cell size (4.9mm small cell)
- Sold by the pound, sheet counts are approximate

DIMENSIONS:

Shallow: 16-3/4" L x 4-3/4" H
 Medium: 16-3/4" L x 5-5/8" H
 Deep: 16-3/4" L x 8-1/2" H

SCW Shallow Crimped Wire

10-Pack	\$17.49
12.5 lb./150-Pack	\$174.89
25 lb./300-Pack	\$309.00

MCW Medium Crimped Wire

8-Pack	\$16.49
10-Pack	\$19.49
12.5 lb./115-Pack	\$154.49
25 lb./230-Pack	\$278.00

MCWSC Medium Crimped Wire, **Small Cell**

8-Pack	\$19.49
10-Pack	\$23.49
12.5 lb./130-Pack	\$174.89
25 lb./260-Pack	\$309.00

MCWNH Medium Crimped Wire, **Hookless**

10-Pack	\$19.49
12.5 lb./130-Pack	\$154.49
25 lb./260-Pack	\$278.00

DCW Deep Crimped Wire

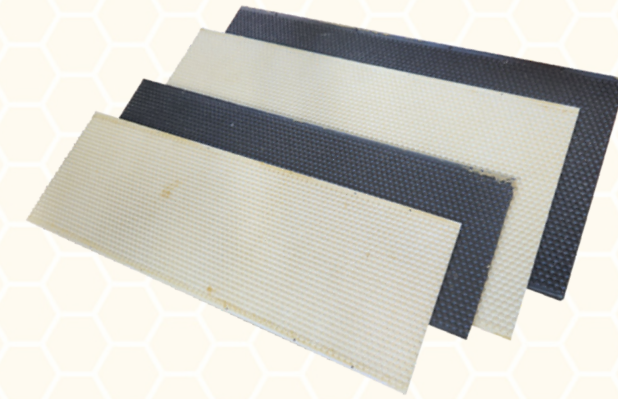
8-Pack	\$19.19
10-Pack	\$23.69
12.5 lb./80-Pack	\$154.49
25 lb./150-Pack	\$278.00

DCWSC Deep Crimped Wire, **Small Cell**

8-Pack	\$20.59
10-Pack	\$25.69
12.5 lb./80-Pack	\$180.49
25 lb./150-Pack	\$309.00

DCWNH Deep Crimped Wire, **Hookless**

10-Pack	\$23.69
12.5 lb./80-Pack	\$154.49
25 lb./150-Pack	\$278.00



PLASTIC Foundation

- Pierco foundation is durable and easy to install in your wooden frames
- Available in deep, medium, and shallow sizes in black or white, with a standard or heavy-waxed coating
- Black foundation is great for seeing eggs and larvae while white frames are great for honey frames

DIMENSIONS:

Shallow: 16-3/4" L x 4-5/8" H
 Medium: 16-3/4" L x 5-1/2" H
 Deep: 16-3/4" L x 8-3/8" H

ROSS ROUNDS Comb + CUT COMB Foundation

- Used for Ross Rounds and cut comb
- Sold by the pound, sheet counts are approximate

DIMENSIONS:

Ross Rounds Comb: 16-1/2" L x 3-7/8" H
 Cut Comb Medium: 16-1/2" L x 5-5/8" H
 Cut Comb Shallow: 16-1/2" L x 4-3/4" H

SCC Shallow Cut Comb

10-Pack.....	\$15.49
5 lb./100-Pack.....	\$96.79

MCC Medium Cut Comb

10-Pack	\$16.49
5 lb./85-Pack.....	\$92.69
12.5 lb./200-Pack	\$195.69

RCF8 Ross Rounds Comb (8-Pack)	\$11.89
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STANDARD WAXED FOUNDATION

PDF1 Deep	\$1.89
100-Pack	\$165.00
PMF1 Medium	\$1.59
100-Pack	\$139.00
PSF1 Shallow.....	\$1.79
100-Pack	\$148.00

HEAVY-WAXED FOUNDATION

PDF1HW Deep	\$2.38
100-Pack	\$206.00
PMF1HW Medium.....	\$1.99
100-Pack	\$175.00

DEEP UNWIRED Foundation

- Cross-wire Deep Unwired Worker Foundation to prevent sagging
- Unwired Drone Foundation has a larger cell size so the bees only build drone comb
- 5.4mm cell size
- Sold by the pound, sheet counts are approximate

DIMENSIONS:

Deep: 16-3/4" L x 8-3/8" H

UBF Deep Unwired Worker Brood Foundation	
10-Pack	\$20.49
12.5 lb./85-Pack.....	\$143.89

DUDF Deep Unwired Drone Foundation	
10-Pack	\$25.69



FRAME ASSEMBLY & WIRING TOOLS



FRAME Wiring Kit

FWK\$41.00

- Everything needed to wire your first 100 frames
- Includes: Embedding Board, Bee Wire, Eyelets, Eyelet Punch, Crimper, Spur Embedder, nails to attach wire, and instructions

METAL Punch + Eyelets

EPUNCH ① Metal Eyelet Punch \$5.79
 EYHALF 1/2 oz. Eyelets (aprx. 165) . \$4.39
 EY3 ② 3 oz. Eyelets (aprx. 990)....\$14.39
 EY15 15 oz. Eyelets (aprx. 4,950)....\$64.00

- Before wiring, put the metal eyelets in the holes in the side bars, then tap them in with the punch tool
- Prevents the wire from cutting into end bars

WOODEN Wire Crimper

CRIMPER2 ③\$12.39

- Crimp and tightens your bee wire before you embed it into the wax
- Increases support for foundation

ZINC Support Pins

SP1 ④ 4 oz. (approx. 80) \$8.59
 SP2 20 oz. (approx. 500).....\$45.89
 SP3 40 oz. (approx. 1,050)\$87.29

- Use support pins instead of wire for medium and shallow wooden frames to add support for wax foundation
- Insert the split rivets into the holes on the side bars
- Use 4 pins for medium or shallow frames and 8 pins for the deep frames

PLASTIC Starter Strips + Support Rods

PSS10 ⑤ 10-Pack Starter Strips..... \$4.89
 PSR16 ⑥ 16-Pack Support Rods \$8.19
 PSR20 20-Pack Support Rods.....\$10.29

- Install plastic starter strips in wedged top frames for going foundationless
- Helps guide bees to make straight comb using only wax they create
- Support rods can be pushed through the holes in frame side bars, then secured with a locking washer, to support wax foundation

27 GAUGE Bee Wire + Spur Embedder

SE1 ⑦ Spur Embedder\$11.29
 BWHALF ⑧ Bee Wire (660 ft. Roll) . \$7.49
 BW5LB Bee Wire (6,600 ft. Roll) ...\$37.89

- Use 660 feet of this tinned bee wire to reinforce 100 deep wood frames
- The spur embedder embeds crosswires using a grooved wheel that hugs the wire as it rolls along

FRAME + BOX Nails

NA114K ⑨ 1-1/4" (approx. 865 Nails) . \$9.29
 NA58K 5/8" (approx. 2300 Nails) ... \$11.79
 NA7DK ⑩ 2-1/4" (approx. 128 Nails) . \$5.19

- 1-1/4" nails used for frame assembly and for the thin area at each box's top
- 5/8" nails used for top bar wedges
- 2-1/4" nails used for hive bodies

EMBEDDING Board

EBB ⑪\$18.49

- Supports your foundation while embedding bee wire
- Works with deep, medium, and shallow wooden frames

FRAME SPACERS & GRIPS



METAL Frame Rest

MFR1 10-Pack\$5.19

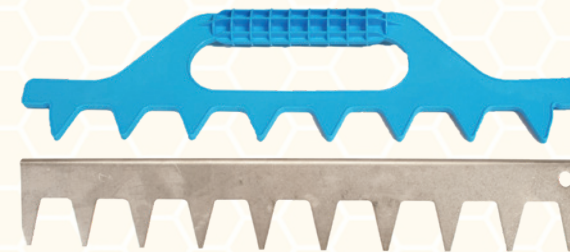
- Provides greater durability where frames rest in the box
- Sold as a pack of 10 (enough for five boxes)
- To use in 8 frame boxes, trim with tin snips or a hacksaw



METAL 9 Frame Spacer

SPACER 9 Frame Spacer (10-Pack)\$7.89

- Equally space 9 frames in a 10 frame box
- Use only with 10 frame hives with frames that have been drawn out
- Sold as a pack of 10 (enough for five boxes)



PLASTIC + METAL Frame Spacing Tools

FST1 9 Frame Stainless Spacer (in 10 frame super)..... \$25.69
 FST2 8 Frame Stainless Spacer (in 10 frame super)..... \$25.69
 FST3 9 Frame Plastic Spacer (in 10 frame super)..... \$14.89
 FST4 7 Frame Plastic Spacer (in 8 frame super)..... \$14.89

- Space fewer frames in supers to make fatter honeycomb
- Makes it easier to uncap honey frames during extraction
- Use these frame spacing tools on 3/4" thick boxes and with fully drawn frames



WOODEN + ALUMINUM Frame Grips

FG1 Wooden Frame Grip.....\$13.39
 FG3 Aluminum Frame Grip.....\$36.39

- Use a frame grip to lift and hold a frame one-handed
- Designed to firmly and securely hold any type or size frame



SOFT-BRISTLED Bee Brush

BRUSH1 Bee Brush.....\$7.19

- Use this soft-bristled brush to remove the bees from frames when inspecting your hive or harvesting honey
- Make short, soft flicks with the brush tips

ONLY AT 

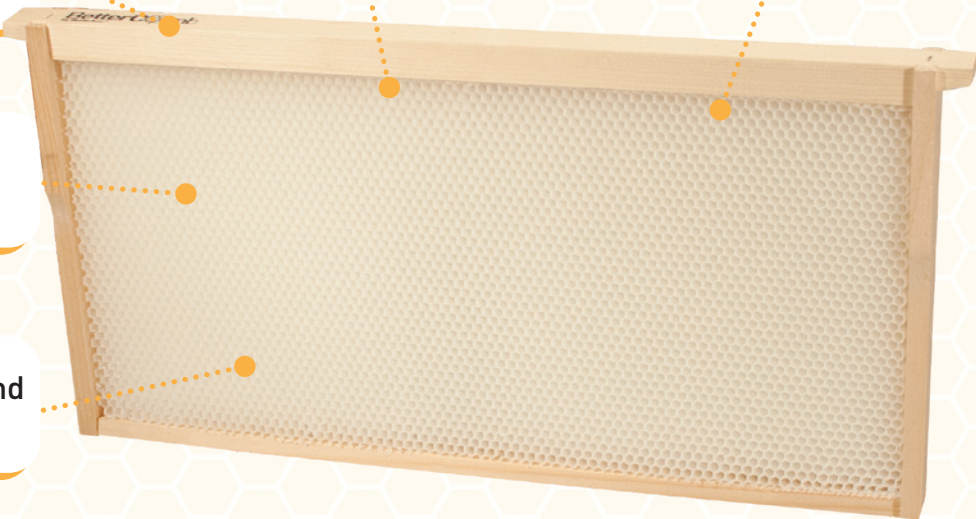
Food-grade, virgin, synthetic wax

Durable, wired frames for brood and supers

Stamped for easy recognition in hives

Instant room for nectar and brood

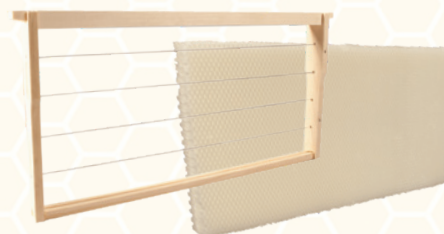
Strong enough to withstand honey extraction



ARE YOUR FRAMES A DIFFERENT SIZE?

Use a sharp knife or heated wire to cut to size (e.g. trim 7/8" off the medium comb to make it shallow).

Deep: 17" x 8" x 15/16" | Medium: 17" x 5-5/32" x 15/16"



WIRED FRAMES + BetterComb

- BCOMBADFW** Deep + Wired **\$108.89**
- BCOMBAMFW** Medium + Wired. ... **\$88.59**
- BCOMBD10** Deep Comb Only..... **\$61.79**
- BCOMBM10** Medium Comb Only... **\$45.39**
- ADFWBC** Deep Wired Frame **\$5.04**
- AMFWBC** Medium Wired Frame **\$4.83**

- 10-pack of BetterComb comb and 10 wired frames with four crosswires
- Available in both deep and medium
- Combs must be installed by the customer
- Combs and frames also sold separately (in 10-packs)



BETTERCOMB Embedding Device

- BCOMBEMB** Embedding Device ... **\$25.69**
- Use with a 12V car or lawnmower battery (not included)
- Heats frame wires evenly to allow for easy BetterComb embedding

UNASSEMBLED BetterComb Kit

BCOMBKIT1 **\$112.89**

- Get all the frame components and BetterComb to produce 10 complete frames
- Includes: Wire crimper, bee wire, eyelets, eyelet punch, frame nails, wedge nails, embedding device, unassembled groove top frames, and your choice of deep or medium BetterComb
- Glue and 12V battery used for embedding not included



10-PACK PREASSEMBLED BetterComb

BCDEEPASMK Deep **\$112.89**
BCMEDASMK Medium **\$102.89**

- Your bees will love the instant new space!
- Create ready-to-use space for bees to store nectar or queens to lay eggs
- Includes 10 wired frames with embedded BetterComb
- No assembly required
- Durable enough to be used for brood or honey harvest



Scan this QR code with your phone or tablet's camera feature to learn more about BetterComb and its uses

BetterComb

BETTERCOMB Ready-to-Use Drawn Out Space for Bees

ALL OPTIONS AVAILABLE AT WWW.BETTERBEE.COM

BetterComb is completely drawn comb made of food-grade, virgin, synthetic wax, similar to beeswax. BetterComb is made from 100% virgin materials, eliminating the possibility of introducing disease into a hive from contaminated beeswax.

The bees see BetterComb as readily available space without the need to consume sugar, produce wax, and build comb. Bees immediately store nectar in the combs, and the queen will lay eggs once the combs have "acclimated" to the hive.

BetterComb is installed into heavy-duty wired frames, which better support the comb in the hive and during honey extraction.

WHAT'S IN THE COMB:

The wax is a mixture of ingredients synthesized from mineral and plant sources. BetterComb does not contain toxic or harmful ingredients. It is produced in accordance with FDA requirements for food contact in an ISO 22000-certified facility.

THREE WAYS TO USE:

Some beekeepers have found BetterComb works well for: housing new packages, giving rapidly expanding nuc's room to grow, and for honey production when drawn comb is not available.

HOW TO INSTALL:

BetterComb ships fully assembled or separately from the wired frames. Embedding into the wired frames requires heat and a little finesse.

HEAT WARNING:

Like with other wax combs, storing BetterComb in extremely hot temperatures can melt the wax. We limit shipment in the summer months for this reason, just to be safe. Try to store your comb in a cool place.

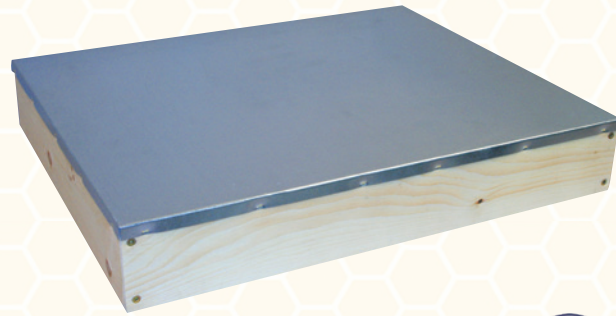
OUTER COVERS



ULTIMATE Hive Cover

TOCULT10 10 Frame	\$36.89
TOCULT8 8 Frame	\$36.89

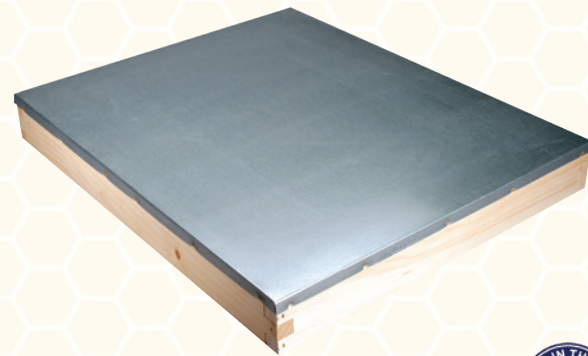
- Pre-assembled, self-ventilated, and never needs painting
- Provides a drip edge that directs water away from the hive
- Includes pins to allow for use with 8 frame hives



INSULATED Telescoping Outer Cover

TOCINS10 10 Frame	\$44.89
TOCINS8 8 Frame	\$44.89

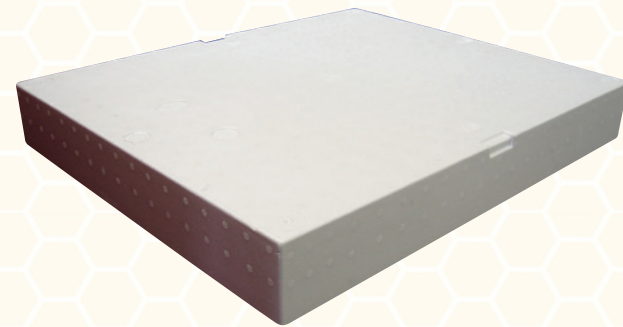
- Heavy duty 26 gauge galvanized steel top featuring 1" of built-in R5 foam insulation
- Offers greater insulation and protection against the seasonal elements



GALVANIZED Telescoping Outer Cover

TOC10 10 Frame	\$34.89
TOC8 8 Frame	\$34.89
FOAMBOARD10 10 Frame Foam Board	\$6.19
FOAMBOARD8 8 Frame Foam Board	\$6.19

- Heavy duty 26 gauge galvanized steel top features a deep rim that protects the hive from rain and wind
- Increase insulation by adding a piece of foam board



BEEMAX Outer Cover

TOCB10 10 Frame	\$22.69
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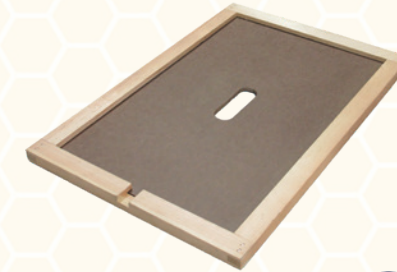
- Cost-effective way to increase your wintering efficiency, with an overall R-value of over 6.5
- For use with wooden hives only



HEAVY DUTY Inner Cover

ICHD10 10 Frame	\$17.89
ICHD8 8 Frame	\$17.89

- Built to last the test of time with a heavy 3/8" plywood core
- Extra wide solid pine rim



STANDARD Inner Cover

ICS10 10 Frame	\$16.49
ICS8 8 Frame	\$16.49

- Pine rim with masonite center
- Comes fully assembled



DEEP RIM Inner Cover

ICDR10 10 Frame	\$16.89
ICDR8 8 Frame	\$16.89

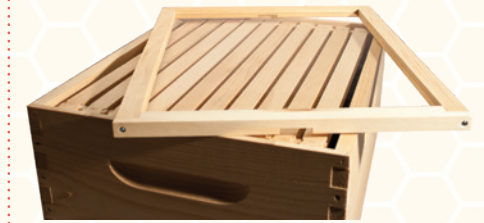
- Allows room for feeding patties without a feeding shim
- Made of Luan plywood with a pine rim



INSULATED Inner Cover

ICBS1	\$34.89
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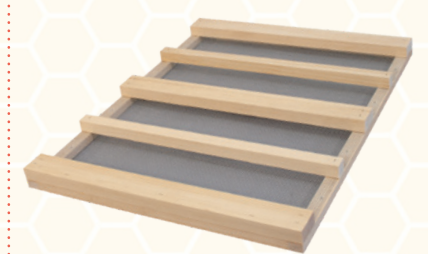
- Features 2" R-10 insulation
- Will not rot or decay like wood



CLEAR Inner Cover

ICC10 10 Frame	\$32.89
ICC8 8 Frame	\$32.89

- Watch bee activity through the clear plexiglass without disturbing the hive
- Comes fully assembled



MOVING SCREEN + Inner Cover

TVS10 10 Frame	\$17.49
TVS8 8 Frame	\$17.49

- Keep colonies ventilated when moving and during warmer months



CLOTH Inner Cover

ICCLOTH 10 Frame	\$6.79
ICCLOTH8 8/9 Frame	\$6.79
ICCLOTH6 6 Frame	\$6.79

- Hemmed canvas inner cover
- Can be used on any hive



SCAN THE QR CODE TO BROWSE OUR OUTER COVER COLLECTION AND TO LEARN MORE ABOUT EACH INDIVIDUAL PRODUCT

NEW



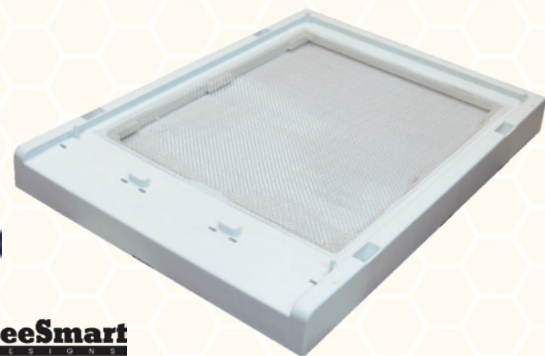
ULTIMATE Quad System

BSQUAD	\$109.00
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- Includes all the insulated "fan favorites" from Bee Smart!
- Features the Ultimate Hive Cover, Insulated Inner Cover, Bottom Board with Varroa Tray, and Ultimate Robber Screen



BOTTOM BOARDS



ULTIMATE Bottom Board

UBB	\$37.89
UBB8FRADAPT 8 Frame Adapter	\$4.00

- Use with 3/4" equipment to increase ventilation and monitor for mites
- Comes with a mouse guard and monitoring tray



SCREENED Bottom Board + Monitoring Tray

VSCH10COMBOK 10 Frame	\$26.89
VSCH8COMBOK 8 Frame	\$26.89
FTRAY10 10 Frame Monitoring Tray	\$5.19
FTRAY8 8 Frame Monitoring Tray	\$5.19

- Increases ventilation and assists in monitoring mite levels
- Includes a 3/4" high wooden entrance reducer
- Our go-to bottom board for the ease of doing mite drops

✓ KEEP IT CLEAN:

Debris can build up on your bottom board. Wax buildup on your bottom board can be a breeding ground for wax moth and hive beetle larvae, so make sure to scrape it clean every few weeks in the spring and summer.

✓ TILT IT (SLIGHTLY):

Try to place your hive as level as possible but with a slight tilt forward. This will prevent water from pooling in the back of the hive, which could create moisture problems and rot.

✓ THIS END UP:

Even though we have a reversible bottom board, many people don't reverse these! Most people keep them on the same side all year long. Which height entrance is better depends on whom you ask.

✓ MORE THAN ONE USE:

The screened bottom board allows you to keep an eye on your mite counts (learn more on **page 57**) and also track what your bees are doing by analyzing the debris that falls through the screen.



REVERSIBLE Solid Bottom Board

RBBDC10 10 Frame Cedar	\$27.49
RBBDC8 8 Frame Cedar	\$27.49
RBD10 10 Frame Pine	\$25.49
RBD8 8 Frame Pine	\$25.49

- Features a 1/2" entrance on one side and 3/4" on the other
- Available in either white cedar or eastern white pine
- Includes a 3/4" high wooden entrance reducer

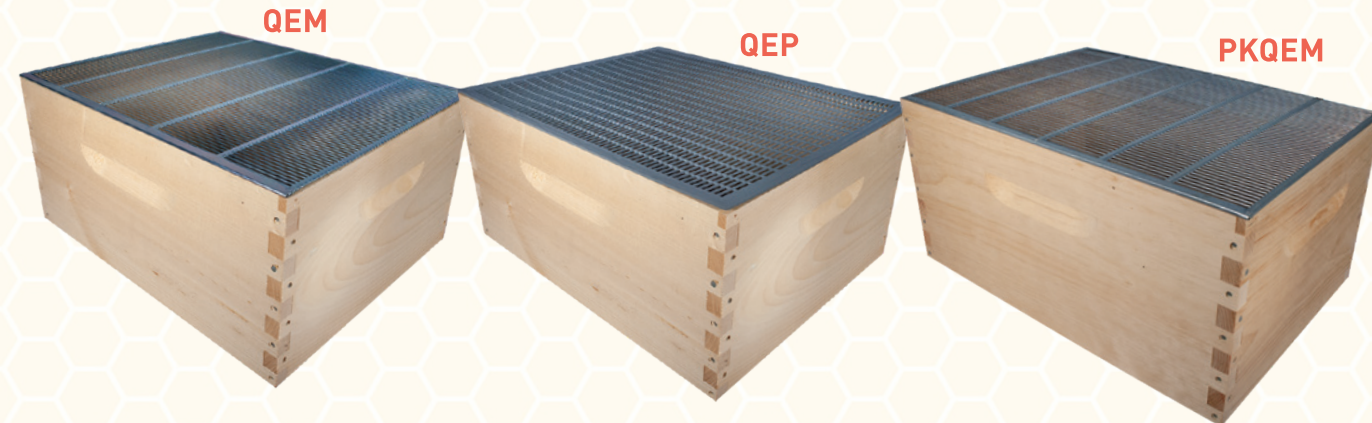


VERTICAL Slatted Rack

SR10 10 Frame	\$24.89
SR8 8 Frame	\$24.89
SR9 9 Frame	\$24.89

- Regulates brood chamber temperature in all seasons
- Install between the bottom board and brood chamber

QUEEN EXCLUDERS & PROPOLIS TRAPS



METAL AND PLASTIC Queen Excluders

- Place above the brood chamber to keep the queen from entering the honey supers
- Wires are spaced wide enough to let workers through, but are too narrow for the queen to pass
- The **metal excluder** is made entirely of galvanized steel. The **Pietrzak-Kubiak galvanized steel excluder** is sturdily-constructed with riveted edges. Put the **plastic excluder** in the freezer overnight, then bend to pop off the wax.

METAL QUEEN EXCLUDER

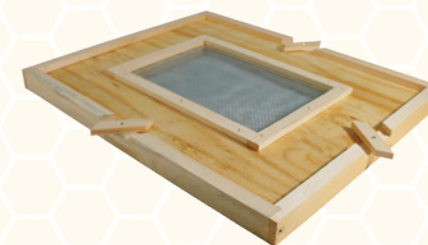
QEM10 10 Frame	\$11.29
QEM8 8 Frame	\$11.29

PLASTIC QUEEN EXCLUDER

QEP10 10 Frame	\$6.19
QEP8 8 Frame	\$6.19

PIETRZAK-KUBIAK QUEEN EXCLUDER

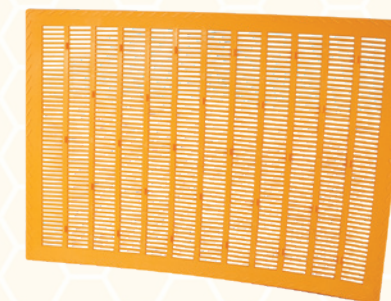
PKQEM10 10 Frame	\$12.89
PKQEM8 8 Frame	\$12.89



DOUBLE SCREEN Snelgrove Board

DSC10 10 Frame	\$34.89
DSC8 8 Frame	\$34.89

- Use it to run a 2-queen hive
- Place between two colonies within the same hive setup
- Bees cannot contact each other but still share pheromones
- Allows for adding or subtracting bees from the top or bottom colonies
- Comes assembled



PLASTIC Propolis Trap

PPT10 10 Frame	\$9.29
PPT8 8 Frame	\$9.29

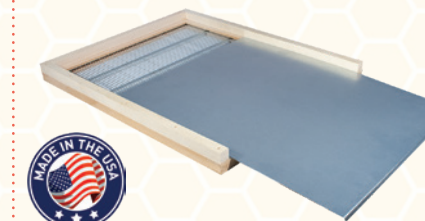
- Place on the hive in place of an inner cover to collect propolis from the bees
- Once propolized, remove and place in the freezer
- Bang the trap on a table and the propolis will fall off for collection
- Style and color may vary



EXCLUDER Cleaners

QESM Metal Excluder Cleaner	\$16.49
QESP Plastic Excluder Cleaner	\$9.89

- Use the metal cleaner to clean propolis and burr comb off a metal queen excluder, plastic cleaner to clean plastic or metal excluders



CLOAKE Board

CLOAKE10 Cloake Board	\$43.29
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- Divides a colony into a lower queenright section and an upper queenless section where grafted larvae are readily developed into queen cells
- Features a steel queen excluder and heavy gauge tray





ULTIMATE Hive Stand

STANDULT 1 \$92.00

- Made of heavy duty plastic, work your hive at the perfect height of 12"
- Included frame holders provide a safe place to hang frames during hive inspections
- Available for 10 frame, 8 frame, BeeMax, Lyson, and 5 frame nucs



CEDAR Landing Board

STANDC10 3 10 Frame \$19.89
 STANDC8 8 Frame..... \$19.89
 STANDCBM BeeMax \$21.89

- Long runway for returning foragers
- Made from rot-resistant eastern white cedar
- Comes unassembled

BEE COZY Hive Wrap

HW1 10 Frame \$29.89
 HW8 8 Frame \$29.89
 HW1SINGLE 4 10 Frame Single... \$27.89

- This extra thick hive wrap features R8 insulation
- Slides right over two deep hive bodies and one medium, or up to four mediums
- Single fits over a single deep



VINYL Hive Wrap

HWVINYL10 5 10 Frame \$39.89
 HWVINYL8 8 Frame \$38.89

- Snugly wrap your hives with 1/2" thick R4 insulating foam wrapped in marine-grade, vinyl-coated polyester
- Uses Velcro to secure around two deep boxes with room for a telescoping outer cover

LYSON Hive Stand Brackets

LYHE4033 6 Set of 2..... \$139.00

- Features four adjustable legs, made from galvanized steel, that can hold up to five of any style hive
- Works on uneven ground
- Just add two 2' x 4' cross beams (not included)
- Supports up to a total of 1,100 lb.



HiveGate™

HIVEGATE1 HiveGate \$16.89
 HIVEGATEPLATE HiveGate Adapter .. \$8.19

- Reposition the entrance inside the hive where the colony can better control what comes in and goes out
- Adapter plate blocks the hive entrance to make room for either one or two HiveGates



GALVANIZED Hardware Cloth & Mouse Guard

GHC2 2' Roll, #2 or #8 Mesh \$11.89
 GHC10 10' Roll, #2 or #8 \$22.59
 GHC100 100' Roll, #2 or #8..... \$179.00

MG10 10 Frame Mouse Guard \$1.89
 MG8 8 Frame Mouse Guard \$1.89

- Use #2 mesh hardware cloth as a mouse guard; used in our 10 and 8 frame mouse guards
- Use #8 mesh for screened bottom boards, moving screens, and robber screens (bees can't pass through)
- Size of the mesh refers to the number of wires per inch
- All rolls are 36" wide



5" STAINLESS STEEL Mouse Guard

MGM1 5" Stainless Reducer..... \$2.89

- Attach directly to your wooden entrance reducer
- Attachment screw included



ULTIMATE Robber Screen

RSBS..... \$10.89

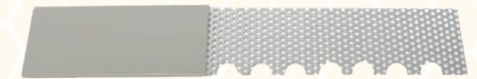
- Made of long-lasting polycarbonate with UV treatment
- Easily install with pushpins at the corners
- Use with 8 or 10 frame equipment
- Push pins included, with storage area on the robber screen



UNIVERSAL Mouse Guard, Entrance Reducer, & Closure

MGC \$4.89

- Place with semicircular openings down as a mouse guard
- Flip the unit and you have a ventilated closure for transporting hives
- Use with 8 frame, 10 frame, and BeeMax equipment
- Use push pins to secure



3-IN-1: Robber Screen, Mouse Guard, & Closure

RS10K 10 Frame \$22.49
 RS8K 8 Frame \$22.49
 RSNUC5K 5 Frame \$16.89

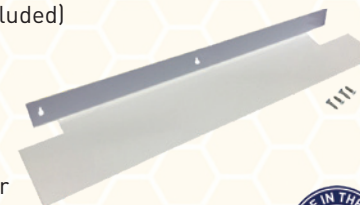
- Standard use as a robber screen discourages robbing of weak colonies
- Can also be used as a standard entrance reducer, a ventilated closure for moving the hive, or as a winter mouse guard
- Easily attach to the hive using two wood screws (included)



BEEHIVE Awning

AWNING..... \$22.89

- Use this powder-coated steel awning to protect your hive entrance from rain, snow, and other debris
- Fits both 10 and 8 frame Langstroth hives
- Comes with 4 stainless steel screws for installation



PINE OR CEDAR Entrance Reducer

ER10 10 Frame Pine Reducer \$2.29
 ER8 8 Frame Pine Reducer..... \$2.29
 ER5 5 Frame Pine Reducer \$2.29
 ERC10 10 Frame Cedar Reducer..... \$2.59
 ERC8 8 Frame Cedar Reducer..... \$2.59

- Made from eastern white pine or cedar
- Make less room for your guard bees to protect with an entrance reducer



LYSON 10 FRAME POLYSTYRENE HIVES



8 polystyrene and 8 ventilated plugs to get the desired air flow in your hive

Latches secure hive parts together

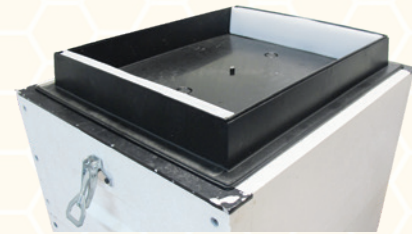
Pre-drilled holes for easy latch installation

Hefty polystyrene walls protect against extreme temperatures

LYSON 10 FRAME Polystyrene Hive

- LYHEW11010 Outer Cover \$27.79
- LYHEW11990K Deep Hive Body... \$41.39
- LYHEW12010K Medium Hive Body.. \$36.89
- LYHEW11940 Bottom Board \$34.89
- LYP104 Entrance Reducer..... \$4.11
- LYHELATCH Lyson Latches (1 Pair) .. \$5.69

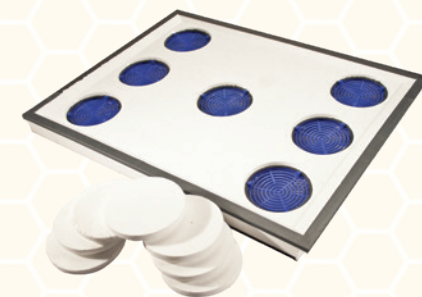
- The **10 FRAME LYSON HIVE** uses a system of heavy-duty metal latches to hold the hive parts together
- Hive bodies come unassembled



10 FRAME Plastic Feeder

LYHE3132 \$19.49

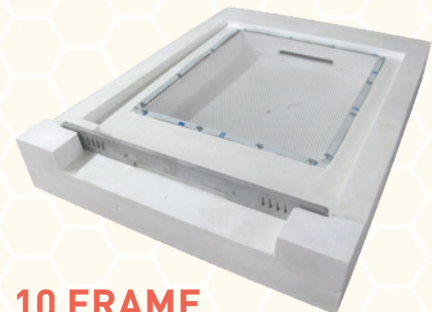
- Fits under the outer cover
- Bee access to syrup is inside the hive at both ends of the hive
- Holds 1-1/2 gallons of syrup



10 FRAME Inner Cover

LYHEW11970 \$23.69

- Get maximum ventilation with seven modifiable vent holes
- Nests inside the top Lyson box



10 FRAME Screened Bottom Board

LYHEW11940 Lyson Screened BB... \$34.89
LYP104 Lyson Entrance Reducer \$4.11

- Features a stainless steel screen and removable tray for varroa testing
- Includes a combo mouse guard/entrance reducer



10 FRAME Hive Top Feeder

LYHEW10970K Hive Top Feeder ... \$54.89

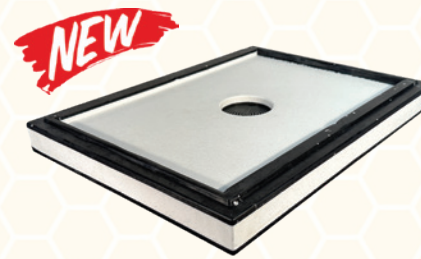
- Includes a pair of latches, reinforced plastic edges, a stainless steel ladder, and wooden dowel as a float
- Holds 3 gallons of syrup

LYSON 8/9 FRAME POLYSTYRENE HIVES

LYSON 8/9 FRAME Polystyrene Hive

- LYHE8COVER Outer Cover \$34.89
- LYHE8DEEPUK Deep Hive Body ... \$39.89
- LYHE8MEDUK Medium Hive Body.. \$35.89
- LYP104 Entrance Reducer..... \$4.11
- LYHE8BB Bottom Board..... \$41.19

- The **8/9 FRAME LYSON HIVE** is made to hold 9 frames in brood boxes and 8 to 9 frames in honey supers
- Hive bodies come unassembled



8/9 FRAME Inner Cover

LYHE8IC..... \$29.89

- Fits Lyson 8/9 hives
- Solid polystyrene cover interlocks with top box and outer cover
- Vent hole can be left open, screened, or closed



CLOTH Inner Cover

ICCLOTH 10 Frame \$6.79
ICCLOTH8 8/9 Frame..... \$6.79

- Hemmed canvas inner cover
- Can be used on both the Lyson 10 frame and 8/9 frame hives

Interlocking boxes with reinforced top and bottom surfaces, that pry apart easily with a hive tool

Hefty polystyrene walls to protect against extreme temperatures

Bottom board fits securely on 2x4 pieces, such as you would use with the Lyson hive stand (page 30)

Made to be stacked and can easily be attached to pallets for transport



8/9 FRAME Screened Bottom Board

LYHE8BB \$41.19

- Features a built in varroa screen, removable monitoring tray, and a plastic-reinforced top edge for increased durability
- Includes an entrance reducer and closure



SWARM Alert

SWARMALERT \$5.49

- Under the pressure of swarming bees, the cap on the register pops off
- Fits the vent hole on Lyson 8/9 deep hive bodies; adaptable for other hives

BEEMAX HIVE PARTS



Easy assembly: Hive boxes snap together and do not require nailing

Extra-thick walls keep hives warmer in the winter and cooler in the summer

Long-lasting plastic frame rests provided with every hive box to protect edges

BEEMAX 10 FRAME Polystyrene Hive

- BMTOC** Telescoping Outer Cover... \$25.39
- BMHB** Deep Hive Body \$31.69
- BMS** Medium Hive Body \$25.29
- BMBB** Bottom Board..... \$26.59

- Keep it **LIGHTWEIGHT AND INSULATED** with BeeMax!
- Hive components are made of thick, 7 R-value polystyrene to help your bees regulate the temperature inside the hive through both the winter and summer months
- BeeMax polystyrene hives feature the same internal dimensions as our wooden hives

CAN I USE MY WOODEN HONEY SUPERS ON TOP OF A POLYSTYRENE HIVE FOR HONEY PRODUCTION? Yes, wooden supers fit nicely on a polystyrene hive, but the walls are thinner, so a portion of the top of the polystyrene hive wall will be exposed. Paint this area if you use wooden supers.

WILL BEES PROPOLIZE THESE HIVES AS MUCH AS WOODEN HIVES? No. Because of the design of the frame rests, you will find it much easier to remove frames for inspection with a polystyrene hive. Plus, it's easy to separate the boxes with hive tools.

ARE ANTS, MICE, AND WAX MOTHS A PROBLEM WITH THESE HIVES? Pests are no more of a problem in polystyrene hives than in wooden hives. If the colonies are strong, your bees will keep these pests out themselves.

WILL MY POLYSTYRENE HIVE WITHSTAND THE SAME KIND OF BEEKEEPER ABUSE THAT WOODEN HIVES CAN? No, their longevity will be based on the extra care you give them. If you don't throw them around or drop them, they should last as long as a wooden hive.

DO I NEED TO USE SPECIAL FRAMES? No. Any Langstroth frame that fits in a wooden hive box will also fit in Lyson or BeeMax boxes.

BEEMAX HIVE PARTS



BEEMAX Full Hive

- BMHA** Assembled Hive \$153.00
- BMHU** Unassembled Hive..... \$133.00

- All the equipment needed to start a BeeMax hive except for the frames and bees
- Includes screened bottom board, entrance reducer, two deep hive bodies, outer cover, and inner cover
- Does not include frames



WOODEN Inner Cover for BeeMax Hives

- BMIC**..... \$17.49

- Use as an upper winter entrance and ventilation source
- The deep rim allows room for feeding pollen patties, winter patties, fondant, or dry sugar



BEEMAX Bottom Board

- BMBB** \$26.59

- Features a 3/8" entrance across the front
- The bottom edges are scalloped to allow cross-ventilation and eliminate moisture
- Features a built-in mesh screen



BEEMAX Varroa Combo

- BMVC** \$26.79

- Place your BeeMax bottom board on top of this support shim
- Slide the monitoring tray through the slot of the shim to monitor your mite levels

STAINLESS STEEL Frame Holder for Polystyrene Hives

- FHBM** Frame Holder..... \$16.89

- Compact and rustproof two-piece frame holder
- Holds frames on the outside of the hive while you inspect other frames
- Fits BeeMax or Lyson hives



MOUSE GUARD for BeeMax Hives

- BMGM** Mouse Guard \$2.59

- Prevents mice from chewing the polystyrene and enlarging the BeeMax hive entrance
- Not an entrance reducer or closure

QUEEN REARING TOOLS

PREMIUM Queen Numbers Set

QN1 Queen Numbering Kit.....\$36.00

- Glue these numbers on the backs of queens with a special, nontoxic glue (included)
- Set includes numbers 1-100 in five different colors

QUEEN REARING Calendar

QBC\$6.89

- Glossy two-sided calculator with rotating wheel
- Helps beekeepers easily determine the timing of various stages of queen cell development

LIGHTED Magnifier

MAG2 .. \$35.89

- Hands-free larvae grafting with four levels of magnification and adjustable lamp brightness

QUEEN MARKING Pen Combo

QMC1 \$13.89

QMP1\$6.89

- Place the queen in the tube and confine her against the plastic screen with the sponge plunger
- Marking pens available in 5 colors indicating the year the queen was raised: The color for 2025 is blue

PUSH-IN Marking Tool

QMT2 \$15.49

- Place over your queen and gently push the cage into the comb
- Flexible cross threads gently hold her still while you mark her thorax

SWARM BOX for Queen Cells

SB1 Swarm Box.....\$89.00

- Use in the starting or first phase of the Doolittle method of raising queens
- One well-stocked swarm box will start about 100 queen cells
- Not to be used to catch swarms

Cell Bar Frames

QR11K Cell Bar Frames\$19.69

QR110 Cell Bar w/o Queen Cups...\$14.89

QR9 Queen Cups (100-Pack)\$13.89

Queen Cups (1,000-Pack)... \$105.00

- Holds 3 bars of queen cell cups for finishing in the cell builder colony
- Each cell bar holds 12 cell cups
- 36 queen cups included
- Gray, red, or green queen cups available sold separately

SAFETY Queen Catcher

QCT1 Plastic.....\$5.89

QCT3 Metal \$7.19

- Use to pick the queen off the frame prior to marking her, or just to keep her safe while finishing a hive inspection

PUSH-IN Introduction Cage

IQC1 Push-In Introduction Cage \$5.89

- Take queen out of shipping cage. Put her on brood comb in an area with emerging bees
- Cover with this introduction cage (for better acceptance before freeing her into the colony)

“CUPULARVE” NO-GRAFT PREMIUM Queen Rearing Kit

QR1 Complete Kit.....\$99.00

- Raise queens without grafting
- Complete kit includes Plastic Comb Box, 110 Cell Cups, 2 Bars with 20 Cell Bar Mounts, 20 Cell Cup Holders, and 20 Hatching Cages

QUEEN CAGE Holder

QCH Queen Cage Holder..... \$4.89

- Hold JZ's-BZ's, California Mini (wooden), and 3-hole (wooden) queen cages between frames when installing packages, making splits, or requeening

3-HOLE Queen Cage

THQ1 10 Queen Cages..... \$9.29

- This cage is larger than the California Queen Cage
- Use queen candy to fill one-third of the cage closest to the cork (candy not included)

CALIFORNIA Queen Cage

CQC10 10 Mini Queen Cages \$10.89

CPLUG10 10 Candy Plugs\$5.79

CPLUG100 100 Candy Plugs\$42.89

- Each cage comes with a cork to seal the single hole
- Purchase candy plugs to use these as queen introduction cages

QUEEN REARING TOOLS

ROYAL Jelly Spoon

RJS1 ① Royal Jelly Spoon \$6.49

- Helpful tool for taking royal jelly from the queen cell

JZ'S BZ'S Queen Tools

JZQC1 ② Queen Cage..... \$18.49

JZCAP1 ③ Candy Cap\$8.19

JZBOX1 ④ Shipping Case.....\$5.39

- The thin design of this queen cage allows it to fit easily between frames
- Add candy caps and easily transport 20 queen cages in a shipping case

TOP BAR + PUSH-IN Cell Protectors

QR15 ⑤ Top Bar (100-Pack)\$16.49

QR16 Push-In (100-Pack)\$16.49

- Protect your queen cells with JZ's BZ's durable plastic queen cell protectors
- The **top bar** protector hangs between the top bars of two frames
- The **push-in** protector can be pushed into any drawn comb

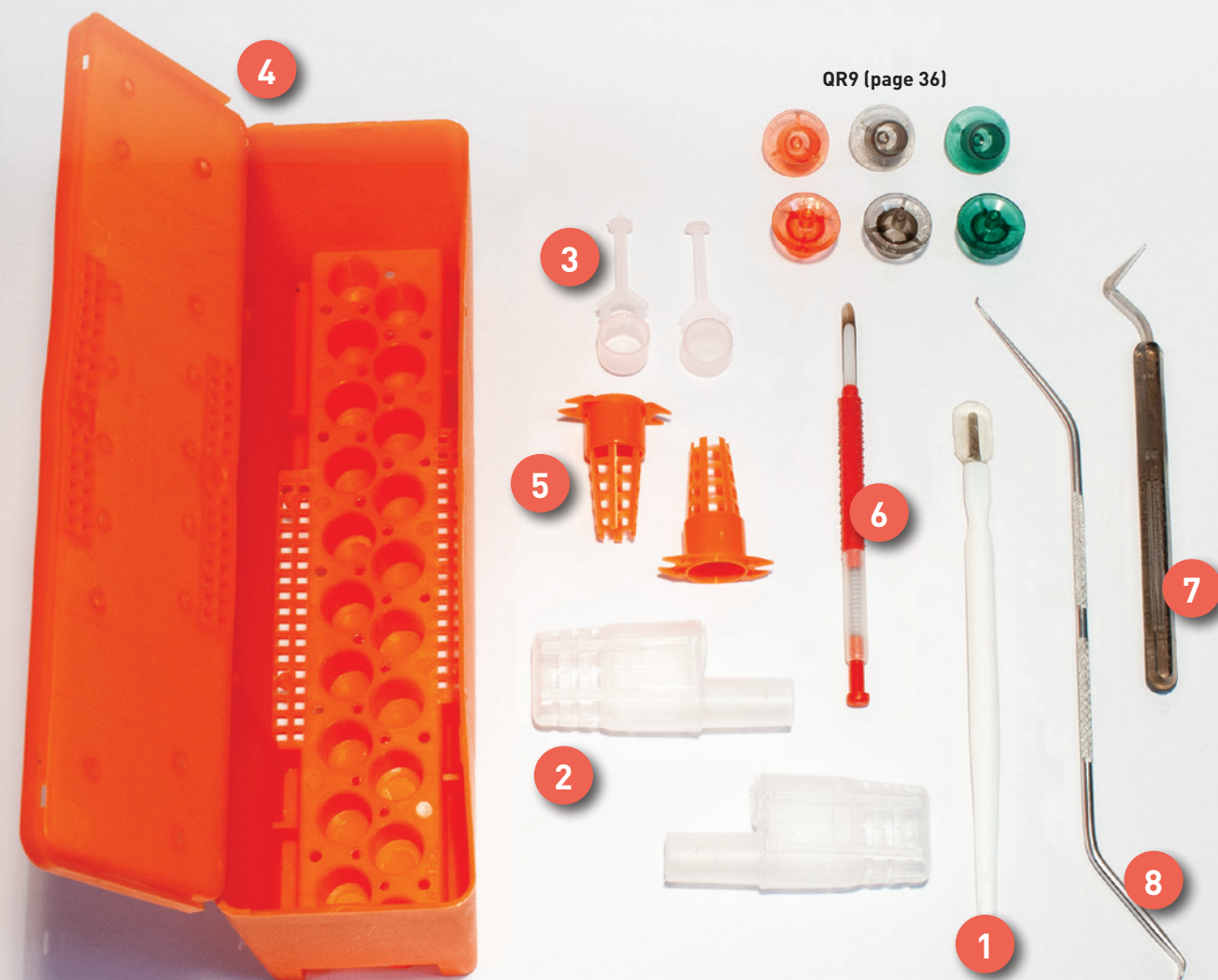
QUEEN Grafting Tools

GT5 ⑥ Bamboo Grafter..... \$4.89

GT3 ⑦ JZ's BZ's Grafting Needle\$6.19

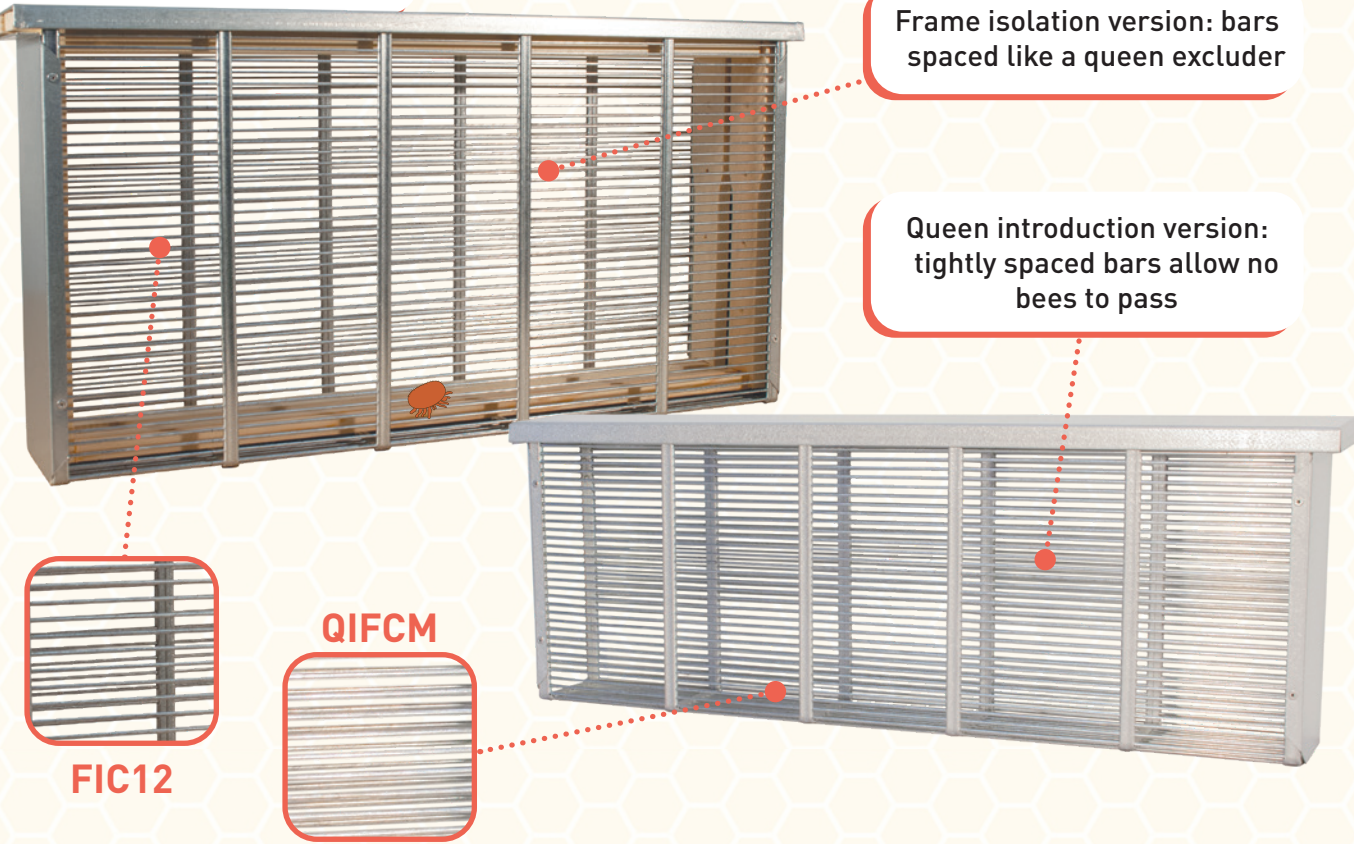
GT2 ⑧ Stainless Steel Grafter\$29.89

- The **Bamboo** scoops royal jelly along with the larva
- The **JZ's BZ's** has a thinner tip used to easily get under and pick up the larva
- The **Stainless Steel** is spoon-shaped and allows the larva to be moved into the cell cup



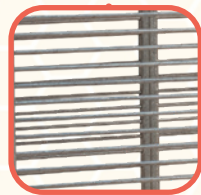
QR9 (page 36)

OUR NEWEST CHEMICAL-FREE TOOL IN THE FIGHT AGAINST VARROA MITES!

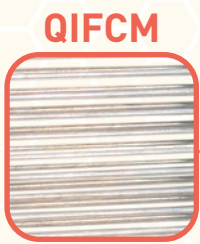


Frame isolation version: bars spaced like a queen excluder

Queen introduction version: tightly spaced bars allow no bees to pass



FIC12



QIFCM



Scan to read our "Using a Frame Isolation Cage in Varroa Management" Newsletter Article

FRAME Isolation Cage

- FIC1 Deep Frame Isolation..... \$35.89
- FIC2 Medium Frame Isolation..... \$32.89
- FIC12 Two Deep Isolation..... \$37.89
- FIC22 Two Medium Isolation..... \$33.89

- Control your queen's location using this isolation cage with bars spaced like a queen excluder
- Workers can come and go but the queen cannot leave the cage
- If the queen is inside, she will work to fill the single frame with brood
- If the queen is outside the cage, you can prevent her from laying eggs on the isolated frame
- Choose from a single deep or medium, or double deep or medium capacity cage

QUEEN Introduction Cage

- QIFCD Deep Queen Introduction... \$38.89
- QIFCM Medium Queen Introduction \$35.89

- Safely introduce your new queen using this introduction cage with bars spaced so no bees can travel through
- Prevents all bees from entering or leaving
- Allows queens to begin laying before they are exposed to the rest of the workers
- Available in both single deep and medium frame capacity cage

WHAT IS A QUEEN MATING NUC?

A small hive containing bees, brood, honey, and pollen, plus a capped queen cell. The queen emerges from her cell, goes on her mating flight, and returns to lay eggs.

Its smaller size makes it easier to find and cage the queen. Some mating nucs have multiple colonies inside, separated from each other.

Each has its own entrance and queen. For example, "4-Way" means there are 4 tiny colonies in each nuc box.



LYSON Mini Api Mating Nuc

LYHEW1045B Api Mini Beehive... \$30.85

- This mini nucleus hive made of foamed polypropylene is the perfect solution for housing a queen bee together with a small number of bees until she mates
- Waterproof, fire resistant, high durability, excellent thermal properties
- Excellent tool to mate queens using minimal resources and space
- Built-in feeder
- Entrance queen excluder
- Ventilated door
- Clear inner cover with hole for queen cell

3-WAY Queen Mating Nuc

- QMN3 Deep 3-Way Mating Nuc..... \$68.00
- QMN3MED Medium 3-Way Mating Nuc .. \$65.00

- Features three chambers that each hold three standard deep frames
- Each chamber is separated by dividers that reach the bottom board, with entrances on opposite ends
- Inner covers have a notch at one end and a hole suitable for feeding with a mason jar
- Requires a standard 10 frame outer cover, sold separately
- Comes unassembled



4-WAY Queen Mating Nuc

- QMN 4-Way Queen Mating Nuc..... \$149.00
- QMNFRBPEW 4-Way Frame..... \$4.74

- Dr. Jack Rath, Betterbee's owner emeritus and queen rearing expert, uses our 4-way queen mating nuc to raise our northern queens
- Holds 8 deep half-frames with a solid divider
- The kit includes a 4-way divided bottom board, hive body with 2 adjustable dividers, and 16 deep half-frames with plastic foundation
- To complete the setup, add our canvas inner cover and standard 10 frame outer cover (both not included)
- Comes assembled



5 FRAME NUC BOXES

✓ Typically, nuc boxes are used to house a small colony — usually a package, swarm, or split. The smaller space makes it easier for the bees to control temperature and humidity, which is vital for brood rearing.



AVAILABLE IN DEEP AND MEDIUM!

5 FRAME Betterbee Nuc Box

DEEP MODULAR 5 FRAME NUC BOX

NUC5 Deep Nuc	\$71.89
NUC5BODY Deep Box	\$24.69
NBHB Unassembled Deep Box	\$19.49
RSNUC5 Robber Screen.....	\$16.89
ER5 Pine Entrance Reducer	\$2.29

MEDIUM MODULAR 5 FRAME NUC BOX

NUC5MED Medium Nuc	\$69.89
NUC5BODYMED Medium Box	\$21.79
NBHB-MED Unassembled Medium Box	\$17.29
RSNUC5 Robber Screen.....	\$16.89
ER5 Pine Entrance Reducer	\$2.29

- Use this modular 5 frame nuc box components for creating nucs, doing splits, or catching swarms
- Full nucs include outer cover, inner cover, hive body, and bottom board with entrance reducer
- Available assembled or unassembled
- Frames not included



5 FRAME Telescoping Outer Cover

NUC5TOC 5 Frame Outer Cover \$23.69

- Telescoping outer cover with a heavy-duty galvanized steel top is sure to protect your colony from the elements
- Comes fully assembled

5 FRAME Nuc Inner Cover and Feeding Shim

NUC5IC 5 Frame Inner Cover

NUC5SHIMK 5 Frame Feeding Shim . \$6.19

- Use an inner cover to prevent the bees from propolizing the outer cover
- Use the feeding shim when feeding patties

5 FRAME Nuc Bottom Boards

NUC5BB Reversible Bottom

NUC5VSCK Screened Bottom

- Choose from either a reversible solid bottom board or a screened bottom board
- Both options include a wooden entrance reducer

VARIOUS NUC BOXES



6 FRAME Lyson Nuc Box

LYHEW1130K 6 Frame Deep Nuc . \$54.89

- **COMING SOON: AVAILABLE IN MEDIUM!**
- Nuc box holds 6 deep frames and includes an entrance reducer
- Frame rests are reinforced with plastic and both the bottom board and outer cover are ventilated
- Metal latches hold the cover in place
- Comes unassembled
- Frames are not included



6 FRAME Lyson Nuc Feeder

LYHE3131

- Designed to fit into the lid of the Lyson 6 Frame Nuc
- Provides two areas for feeding at either end of the hive
- Holds 3/4 of a gallon of liquid feed



5 FRAME Migratory Nuc Box

HNUC1

- Made of quality Eastern White Pine and moisture-resistant plywood, this nuc box is made to travel
- Features a budget grade 5 frame nuc box shell, migratory bottom board, and migratory outer cover
- Comes unassembled
- Frames are not included



3 FRAME Lyson Nuc Box

LYHENUC3

- Features a one-piece molded construction with heavy-duty, reinforced plastic edges
- Includes two ventilation plugs on the bottom board and a combination entrance reducer, closure, and mouse guard
- Does not require an inner cover
- Holds 3 deep frames (not included)



5 FRAME Pro Nuc Box

NBPR01

- Made of sturdy, recyclable plastic with a firmly latching lid
- Holds five deep frames
- Features drain holes on the bottom, two feeding ports, and a reversible lid to increase airflow
- Designed to nest and stack easily



5 FRAME BeeMax Nuc Box

NB1 Full Nuc Box.....

NBP0 Nuc Box (No Hardware)

SHIMBMK Top Shim for Feeding

SHIM2 Entrance Board for BeeMax. . .

- Rugged, easy-to-handle polystyrene nuc boxes
- Perfect for making splits, transferring colonies, or increasing your apiary's size easily
- Frames are not included
- Hive portal color varies

BETTERBEE DOUBLE NUC



AVAILABLE IN DEEP AND MEDIUM!

BETTERBEE Double Nuc

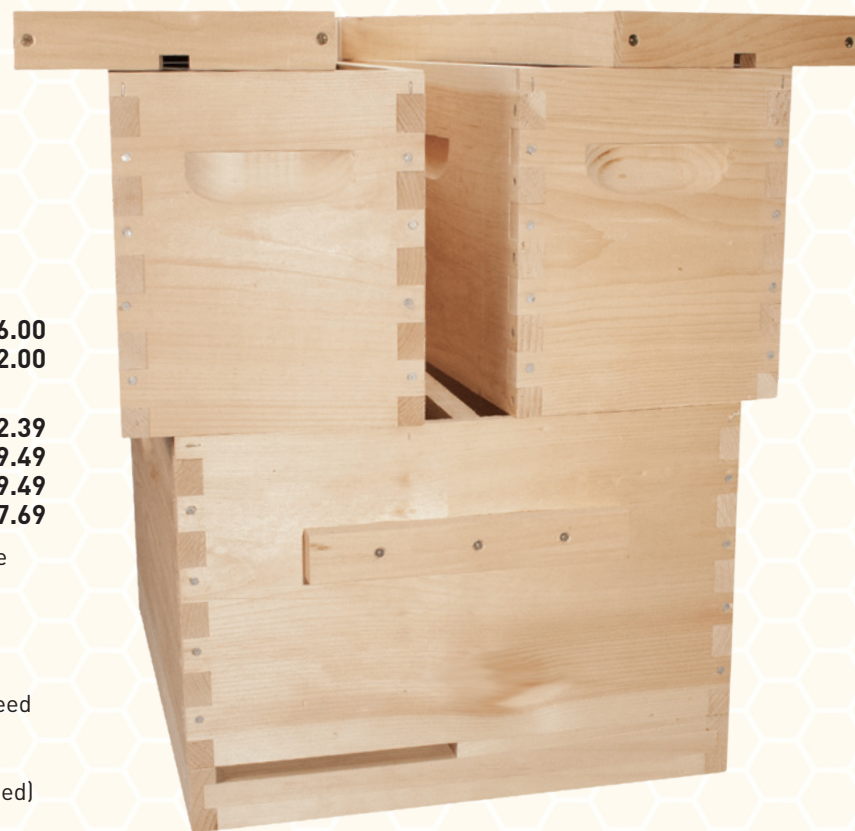
DOUBLE NUC COMPLETE KITS

- DNB** Deep Double Nuc Kit\$126.00
- DNBMD** Medium Double Nuc Kit.....\$122.00

DOUBLE NUC HIVE COMPONENTS

- DNIC** Double Nuc Inner Cover\$12.39
- DNBB** Double Nuc Bottom Board\$29.49
- DNS** 4 Frame Deep Super\$19.49
- DNBODY** Divided Deep\$27.69

- We produce hundreds of colonies in Upstate New York using this system!
- Kit includes a divided deep or medium hive body, two 4 frame deep or medium supers, bottom board, and two deep inner covers
- Turn deep side of inner over downward to feed winter patties or other solid food
- Comes unassembled
- Requires a 10 frame outer cover (not included)
- Frames and foundation not included



DOUBLE NUC TIPS & TRICKS:

CAN I LET NUCS RAISE THEIR OWN QUEENS INSTEAD OF BUYING NEW QUEENS?

A nuc colony may not feed a developing queen well enough to produce a quality queen. If you make the nucs during swarm season and use frames with queen cells on them, this will work. Otherwise, it's best to add a purchased queen to the queenless nuc after 12-24 hours. This way, there is less delay while the small new colony gets going.

HOW MUCH ATTENTION DO OVERWINTERED NUCS NEED?

A nuc of any sort is prone to crowding. Checking the frames once every 3 weeks or so is a good way to see if they need more space. Space can be given by adding a 4 frame super, or by removing frames of brood and donating them to another colony, then putting in frames of foundation or comb. Of course, nucs need to have their mites controlled, and sometimes need feeding, just like a full-size colony.

WHY ARE DOUBLE NUC BOXES BETTER THAN USING MY REGULAR EQUIPMENT?

A double nuc with a second story on it is the same size as a double deep hive, but is two colonies. Each nuc has 8 deep frames (4 over 4), which may seem like a small size to get through a cold winter, but the 2 sides share their warmth through the center wall.

CAN I MAKE OVERWINTERED NUCS AND STILL GET A HONEY CROP?

Yes, by pulling one or two brood frames from a strong colony to create your nucs, you don't weaken it appreciably as a honey producer. In fact, doing so may actually reduce spring crowding and help prevent swarming.

NUC SUPPLIES & ACCESSORIES



5 FRAME NUC Cedar Hive Stand

STANDCEDAR5.....\$66.89

- Made from durable, rot-resistant cedar wood
- Holds your 5 frame nuc at a comfortable working height
- Also works with the Lyson 6 Frame Nuc
- Partial assembly required



5 FRAME NUC Robber Screen

RSNUC5 5 Frame Robber Screen\$14.95

- Used to discourage the robbing of weak nucs by other honey bees or wasps
- Can also be used as an entrance reducer and ventilated closure for moving the nuc, or as a winter mouse guard



NUCLEUS Robber Screen

NRS1\$16.89

- Meant for double nucs or boxes that use a hole as an entrance
- Easily attached to the hive using 2 wood screws (included)



CLOTH Nuc Inner Cover

ICCLOTH6\$6.79

- Hemmed canvas inner cover prevents bees from propolizing the outer cover
- Can be folded back to expose just a few frames at a time



ONLY AT



BETTERBEE Hive Portal

BHP.....\$5.29

- Includes hardware that can be used with a BeeMax nuc box or any nuc with a circular entrance
- **Queen Excluder:** Prevent your queen from coming or going
- **Ventilation:** Sized to allow sufficient air flow through the entrance, and bees are kept in (for moving the hive)
- **Drone:** Keep drones from entering weak colonies
- **Free:** Allow uninhibited flight access in and out

HOGG HALFCOMB COMB HONEY



HOGG HALFCOMB Frame System

- HHCFRMD Medium Hogg Halfcomb Frame..... **\$39.89**
- HHCFRSHAL Shallow Hogg Halfcomb Frame..... **\$39.89**
- HHC8PACK 8-Pack Hogg Cassette Refill..... **\$24.89**

- **TRY YOUR HAND AT MAKING THE EASIEST, MESS-FREE COMB HONEY RIGHT IN YOUR OWN HONEY SUPERS!**
- During a strong honey flow, simply insert one or several Halfcomb frames into the center of your honey super
- Fill the remaining space with your other frames of choice, and let the bees do the rest!
- Available in shallow and medium Langstroth sizes
- Comes with lids: just purchase your label color of choice (sold separately) to secure your cassettes shut, and they are ready for sale or to give to friends and family
- Make even more great mess-free and convenient comb honey with the full super kit below



READY-TO-USE: Make 8 premium comb honey cassettes in one special Halfcomb frame

MESS-FREE: Insert into your hive and the bees do the rest: no sticky mess from cutting or draining!

REUSABLE: Purchase an 8-pack refill, fill the frame, and put it back in your hive to make more amazing comb honey



HOGG HALFCOMB Super Kit

HOGG HALFCOMB COMPLETE KITS

- HHCK10 10 Frame Hogg Kit..... **\$134.00**
- HHCK8 8 Frame Hogg Kit..... **\$115.00**

HOGG HALFCOMB SUPERS & EXTRAS

- HHCS10 10 Frame Super..... **\$36.00**
- HHCS8 8 Frame Super..... **\$36.00**
- HHCS10 10 Frame Hogg Refill... **\$103.00**
- HHCS8 8 Frame Hogg Refill..... **\$84.00**
- HHCECON 10/8 Frame Economy... **\$378.00**
- SSP10 Replacement Springs..... **\$8.19**
- HHCT Red Superpack Tape..... **\$5.00**

- Produce quality comb honey with a convenient, mess-free system!
- Incorporates 40 square 4-3/8" cassettes in a 10 frame (32 cassettes in an 8 frame) comb honey super
- Instead of using foundation, the bottom of each cassette is coated with pure cappings beeswax
- When cassettes are full, remove them from the super as a unit and separate, then add your covers
- Each cassette typically weighs 10-12 oz.
- When the bees are done making comb honey you can start again with a Hogg Halfcomb Refill Pack

HOGG HALFCOMB Label Set

- HHCL Hogg Halfcomb Label Set... **\$16.89**
- HHCL50BLUE 50-Pack Blue..... **\$5.89**
- HHCL50RED 50-Pack Red..... **\$5.89**
- HHCL100GREY 100-Pack Grey..... **\$8.19**

- For a complete look, use these labels to secure your filled honey cassettes closed
- Set includes: 50 blue labels, 50 red labels, and 100 grey labels to create a hinge



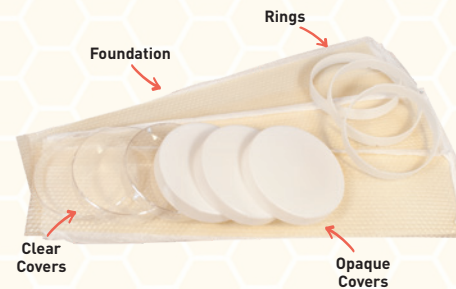
ROSS ROUNDS COMB HONEY



ROSS ROUNDS Classic Labels

- RRL Ross Rounds Label..... **\$19.89**

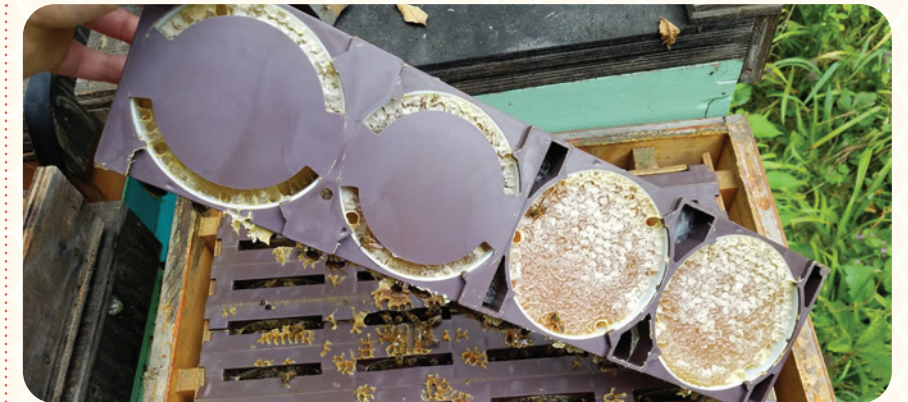
- Use these high-quality labels to seal Ross Rounds covers
- 100 labels/roll in 5 different styles pictured above (from top to bottom): Black, Grey, Orange, Modern, and Traditional



ROSS ROUNDS Refill Kit

- RRREFILLC Clear/Clear Kit..... **\$75.89**
- RRREFILLO Clear/Opaque Kit..... **\$75.89**

- Refill kit with the rings, covers, and foundation necessary to make a super of comb honey
- Contains 64 rings, 64 covers, and 8 sheets of thin foundation
- Available with 2 clear covers or 1 clear and 1 opaque cover per section



ROSS ROUNDS COMB Super Kit

- RRK10 8 Ross Rounds Frames **\$99.00**
- RRK8 7 Ross Rounds Frames **\$99.00**
- RRR64 Ross Rings (64) **\$20.89**
- RRRC Ross Rings (400)..... **\$99.00**
- RRCO25 Opaque Covers (25) **\$16.89**
- RRCO400 Opaque Covers (400) .. **\$232.00**
- RRCC25 Clear Covers (25) **\$14.95**
- RRCC400 Clear Covers (400) **\$224.95**
- RRF1 Replacement Frame..... **\$7.16**
- RRFC Replacement Frames (40) . **\$199.00**
- RCF8 Thin Foundation (8 Sheets) . **\$11.89**
- SSP10 Replacement Springs..... **\$8.19**
- RCF5 5 lb Foundation (144 Sheets) **\$82.39**

- Start producing round comb honey easily with the Ross Rounds system
- Features special 4-1/2" high supers to minimize burr comb
- Each frame uses one sheet of thin foundation
- Comes fully assembled
- Comes with a booklet to help with comb honey guidelines
- For best results, try your hand at making Ross Rounds comb honey using your strongest colonies during a strong nectar flow
- When the bees are done making comb honey you can start again with a Ross Rounds Refill kit





HEATED Comb Cutters

HEATCUT 1 2x4 Comb Cutter... \$205.00
HEATCUT4X4 2 4x4 Comb Cutter \$225.00

- Electrical heated cut comb cutters made by Pierce in the USA
- Make for fast, efficient cut-comb production
- All 4 cutting edges are sharp
- Available to cut 2 x 4" or 4 x 4" sections

CLEAR STYRENE Cut Comb Container

SSHT1 3 16 oz. Styrene Container... \$2.52
Pack of 20... \$44.89
Case of 100... \$185.00
SSHT2 4 8 oz. Styrene Container... \$1.70
Pack of 20... \$29.89
Case of 160... \$196.00

- Package up your cut comb honey!
- Allow the cut comb edges to drain for 24 hours before packaging for a cleaner, more sellable product
- The 8 oz. container is taller than the 16 oz., allowing thicker cut comb pieces to be boxed without damaging the cappings against the lid

COMB HONEY Labels

SCTL1B 5 Roll of 250 Labels... \$23.69
BPFL100 6 Roll of 100 Labels... \$13.39

- Sell your comb honey with these brilliantly-colored labels
- Featuring a blank space to print or stamp your address and weight
- Visit **page 121** to learn how to have these labels custom printed

STAINLESS Comb Cutter

CUTTER1 7 Comb Cutter... \$17.89

- Use this 4 x 4" square stainless steel device to mark and/or cut the exact size that will fit perfectly in your styrene comb box
- All 4 cutting edges are sharp
- Let the pieces drain before you package them up

JERO Cut Comb Knife

CCK1 8 Jero Cut Comb Knife... \$13.39

- This sharp serrated knife cuts easily through honey comb to give you a nice, clean edge
- Features a 1.3mm blade

CUT COMB Frames + Foundation

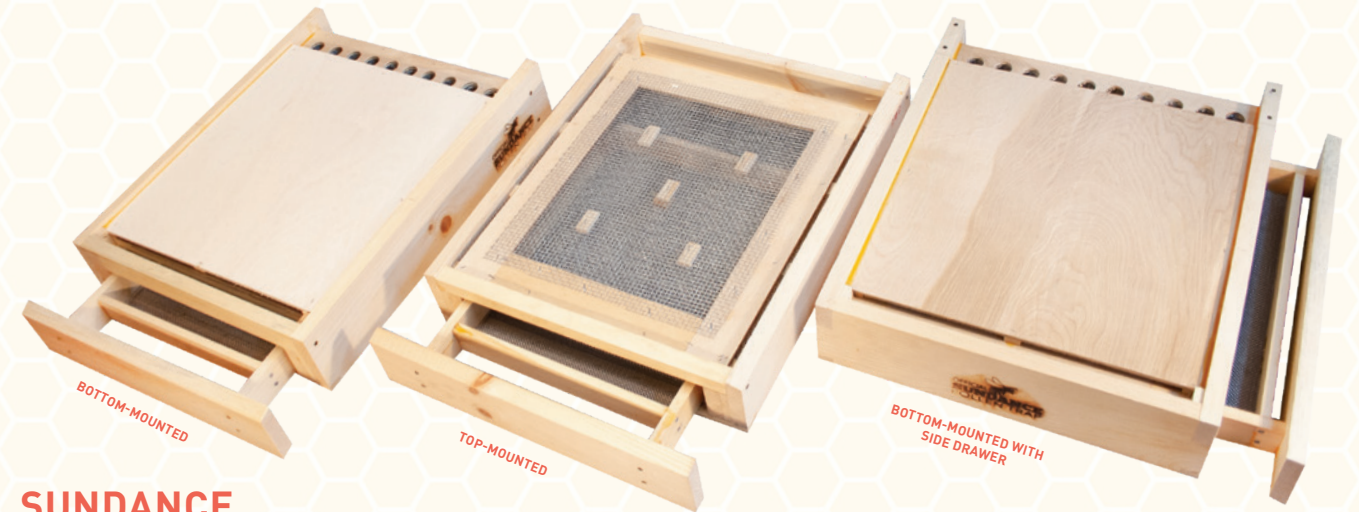
CCSWF 9 Shallow Comb Frames... \$25.69
CCMWF Medium Comb Frames... \$25.69
SCC Shallow Cut Comb Foundation
10-Pack... \$15.49
5 lb./100-Pack... \$96.79
MCC Medium Cut Comb Foundation
10-Pack... \$16.49
5 lb./Around 85-Pack... \$92.69
12.5 lb./Around 200-Pack... \$195.69

- Specialty cut-comb frames feature a split top bar to easily install thin wax foundation; uses regular side bars
- Comes unassembled in either a 10 or 50 pack
- Larger packs of foundation sold by weight

FRAME Cleaning Tool

FCT 10 Frame Cleaning Tool... \$20.49

- Designed to clean wax and propolis from both top and bottom bars on your frames
- Use to clear the wax out of the slot in cut comb frames for easier installation



SUNDANCE Pollen Traps

PTRAPB 10 or 8 Frame Bottom-Mounted Pollen Trap... \$90.00
PTRAPT 10 or 8 Frame Top-Mounted Pollen Trap... \$85.00
PTRAPBSIDE 10 or 8 Frame Bottom-Mounted with Side Drawer Pollen Trap... \$90.00

- These pollen traps come fully assembled in both 10 and 8 frame sizes, and allow for collection of fresh, clean pollen
- Available in top and bottom (with an optional side drawer option) mount
- The bottom-mount version features a board that can be moved up to send bees through the trap or down to let bees bypass the trap
- Includes complete instructions for each trap style



ANATOMIC Pollen Trap

PTRAP1... \$20.59

- This all plastic, front-mounted pollen trap is ideal for someone who wants to collect small amounts of pollen
- Mounts on the front of standard 10 frame wooden hives only



LYSON Pollen Cleaners

LYHP3213 Small Cleaner
LYHPW3214 Large Cleaner

- Separates pollen granules into a container while non-pollen debris is blown out the other side
- Dry the pollen before cleaning
- Cleans 10-20 lb./hr. (small cleaner) and up to 40 lb./hr. (large cleaner)



LYSON Pollen Dryer

LYHPW3262000 30 kg
LYHPW3258C 50 kg
LYHPW3258D 25 kg

- Provides commercial-scale drying for up to 25 kg/55 lb., 30 kg/66 lb., or 50 kg/110 lb. of pollen at a time
- Acid-resistant stainless steel
- Digital temperature control
- Also doubles as a bulk honey warming cabinet

HIVE TOOLS & HARDWARE

✓ Each hive tool style offers different uses, and there are various sizes to consider. We recommend keeping a couple of hive tools on hand so you have the right style to suit the task at hand — and from time to time, you may wish to use two tools at the same time.



THE STANDARD

HT1 ① 9-Inch Standard..... \$7.89

THE STAINLESS

HT2 ② 9-Inch Stainless..... \$10.29

THE HOOK-END

HT3 ③ 10-Inch Hook-End..... \$11.89

THE GIANT

HT4 ④ 15-Inch Giant..... \$14.39

THE HITCHHIKER

HT8 ⑤ 9.5-Inch Hitchhiker..... \$13.39

THE 8-INCH

HT11 ⑥ 8-Inch Hive Tool..... \$9.29

ONLY AT

BEEZERK Belt

BBELT..... \$33.89

- Holds your hive tool at your side with two powerful magnets
- Made from rugged 420 denier nylon
- Tool not included



THE PREMIUM

NEW! HT13 ⑦ 9.75-Inch Premium . \$16.49

COMPACT PREMIUM

NEW! HT14 ⑧ 7.5-Inch Compact .. \$16.49



MAGNETIC Tool Holder

BSHTH..... \$14.89

- Dual magnets keep hive tools from rotating
- Technopolymer plastic is easily cleaned
- Tool not included



COLORADO BEE VAC

1.75 hp vacuum with easily adjustable valve to regulate suction

ONLY AT 

High-quality Eastern White Pine hive body (deep size) catch box

Can easily hold up to 10 pounds of bees (double the capacity of other vacuums!)

10' "smooth" vacuum hose with 20" extension tube



Two coats of premium exterior paint on exterior of catch box



COLORADO BEE VAC and Parts

- CBV Complete Bee Vac..... \$329.00
- CBVEXTRAHOSE 10', 20', 30' Hose..... \$51.49
- 8T010ADAPTER 8 to 10 Frame Adapter..... \$11.28

MORE PARTS AVAILABLE AT WWW.BETTERBEE.COM

The Colorado Bee Vac is the world's leading bee hive relocation vacuum, trusted by professionals while still easy enough to use by the hobbyist. Chock full of functional design, the vacuum was carefully crafted and tested to effectively capture bees while drastically minimizing any loss.



Scan this QR code with your phone or tablet's camera feature to watch Betterbee's Bee Team teach How to Do a Cut-Out

HOW TO LIGHT YOUR HIVE SMOKER (AND KEEP IT LIT)

✓ **HAVE FUEL READY:** Whether you are using burlap pieces, pine needles, or our smoker fuel plus wood pellets, be sure that the fuel you use is untreated and non-toxic for your bees.

✓ **HOW THE BETTERBEE BEEKEEPERS DO IT:** We start the smoker with our easy-to-light cotton smoker fuel, then add 2 or 3 inches of dense wood pellets, then top the pellets with a pad of the cotton. It lasts for hours.

✓ **COMPRESS THE BELLOWS TO KEEP IT LIT:** It might seem counterintuitive to almost smother the flames with your fuel, but by repeatedly compressing the bellows, you are giving the flames the oxygen needed to keep the smoker lit.



LYSON PREMIUM Smoker

SMOKEBB 1\$66.89
SMOKEBEL3 Extra Bellows\$19.69

- Rugged, high-quality smoker
- Made of 27-gauge stainless steel construction, a fully-insulated heat shield, and high-quality leather bellows
- This do-it-all smoker is part of the Beetools line by Lyson

OLD PRO Smoker

SMOKEPRO1 2\$44.89

- Top-quality, all stainless steel construction
- Features a 3/4 body heat shield (to keep you cool)

GLOBAL Smoker

SMOKEGLOBE1 3\$29.89

- Top-quality construction with an easy to fill, removable chamber
- Ventilated holes in this interior chamber increase air flow to keep your smoker lit longer

COPPER Smoker

SMOKECOPPER 4\$76.89

- This elegant copper smoker is meant primarily as a gift or display item, but is completely functional
- Designed from the ground up as part of the BeeTools line by Lyson
- Copper will change color over time due to heat, weather, and oxidation

STANDARD Smoker

SMOKESTANDARD1 5\$34.89

- Betterbee's Bee Team uses the standard smoker and vouches for its dependability over years of use
- Stainless steel body with built-in, full body heat shield

REPLACEMENT Bottom Tray

SMOKETRAY1\$6.00

- Smoker trays are crucial to the internal airflow of the smoker and should be immediately replaced if damaged
- This tray will work in any of our smokers



✓ **Lighting your hive smoker and keeping it lit** could be the difference between a pleasant hive inspection and an absolute nightmare. We have the tools to help you gently work your hives!



COTTON Smoker Fuel

SF2 100% Cotton Smoker Fuel\$6.89

- Made of 100% unbleached cotton material, this fuel burns clean
- Each 2 lb. package will provide fuel for 6-8 hive visits



BALING TWINE Smoker Fuel

BT Untreated Baling Twine\$30.89

- Our rolls of untreated twine are approximately 1,300 feet long, enough for 80-90 apiary visits
- Ready to dispense: just remove the pre-cut box hole, unravel and cut off enough to stuff your smoker full



LEATHER Replacement Bellows

SMOKEBEL1 Leather Bellows\$10.89

- Comes with four wood screws that can be used to attach it to our Global, Old Pro, and Standard smokers



STAINLESS STEEL Smoker Box

SMOKEBOX1 Smoker Box\$132.00

- Safely carry your hot smoker from yard to yard without worry
- Cover is hinged and latched to securely hold your smoker
- All smokers we sell will fit inside

SMOKER TIPS + TRICKS

WHY USE A SMOKER?

Nobody wants to squish their bees if they can avoid it! Injured or smushed bees give off an alarm smell that riles up other bees. Smoke herds the bees away from any area that you need to touch with your fingers or hive tool, or when you are replacing a box or cover.

HOW TO REPLACE SMOKER BELLOWS

While smokers are generally good for a lifetime, if you give them a lot of use, the bellows may wear out over time. It can be more economical to replace the bellows instead of the whole smoker.

To replace, mark the holes where your smoker chamber attaches to the bellows, drill pilot holes, and screw the bellows on.

You can also use this as an opportunity to try a different type of bellows – you may find you like another type better!



**BEEMAX
Hive Top Feeder**

- BHTF10** 10 Frame Feeder **\$36.49**
- BHTF8** 8 Frame Feeder..... **\$36.49**
- BHTFBM** BeeMax Feeder..... **\$41.49**

- Seamless, one-piece polystyrene unit
- Easily refill without disturbing your bees
- Be sure the outer cover is tightly placed over the feeder, with no inner cover, to prevent bees entering the reservoir and drowning
- There should be no upper entrance when using this feeder
- Bees enter from the bottom of the feeder
- Holds 3-4 gallons of sugar syrup

✓ **SPRING FEEDING:** Create a 1:1 syrup using 1 lb. water (2 cups) to 1 lb. sugar. For feeding between 45-60 degrees F, do not use an entrance feeder.

✓ **FALL FEEDING:** Make a 2:1 syrup using 2 lb. sugar per 1 lb. of water.

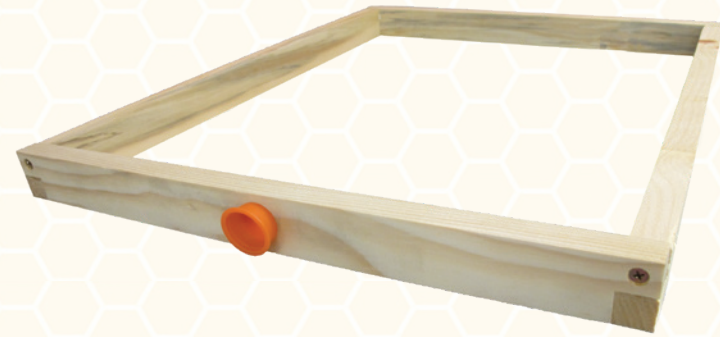
✓ **COLD WEATHER FEEDING:** We do not feed sugar syrup during cold weather when bees are not able to take cleansing flights. If the weather is still too cold, feed **winter patties** (not pollen patties).

✓ **WHEN TO FEED POLLEN PATTIES:** Pollen patties stimulate build-up of hives before the spring flow. But don't feed them too early because there may not be enough bees to keep the brood warm during a too rapid expansion. In the north, we follow the motto, "No pollen patties before St. Patty's Day."

**GALLON
Feeder Pails**

- FP1** 1 Gallon Feeder Pail ... **\$9.29**
- FP2** 2 Gallon Feeder Pail .. **\$11.29**

- Fill the bucket, hold it upside down outside the hive until dripping stops, then place the pail upside down on the inner cover hole
- Surround with an empty deep box and your outer cover
- Holds 1 or 2 gallons of sugar syrup
- The feeder screen is embedded directly into the lid of the pail
- Cover feeder with an empty deep box and outer cover to prevent robbing



Betterbee Shim

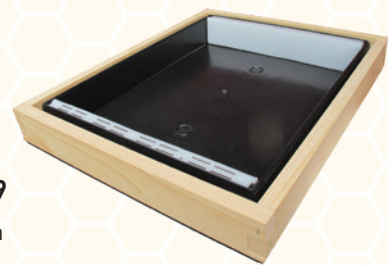
- SHIM8K** 8 Frame Shim **\$6.19**
- SHIM10K** 10 Frame Shim **\$6.19**
- SHIM10BMK** 10 Frame BeeMax Shim **\$6.19**
- SHIMBMK** BeeMax Nuc Shim **\$6.19**
- NUC5SHIMK** Betterbee Shim for 5 Frame Nuc **\$6.19**

- Placed on top of the brood chamber to create a 1-1/2 inch space
- Used to feed pollen patties, winter patties, or for applying mite treatments

**10 FRAME
Hive Feeder**

- HTF10** 10 Frame Hive Feeder **\$34.59**

- Made from injection-molded plastic with a wooden rim
- Be sure the outer cover is tightly placed over the feeder, with no inner cover, to prevent bees entering the reservoir and drowning
- Holds approximately 1.75 gallons of syrup
- Only works with 10 frame wooden equipment



**ULTIMATE
Direct Feeder**

- UHF2** **\$21.89**

- Perfect for feeding with minimal disturbance
- Unscrew the ring, fill the tank with sugar syrup or water, replace the ring snugly and invert on top of your inner cover hole
- Add a medium box, and top it all off with your outer cover



**DIVISION
Board Feeder**

- DF1** Division Board Feeder (Medium) **\$12.39**
- DF2** Division Board Feeder (Deep)..... **\$12.39**

- Holds nearly a gallon of sugar syrup and fits into any standard deep or medium hive body
- Textured inner walls and ladders provide traction for bees to climb out
- Division board feeders will not work if there are frame spacers in your box
- Takes up two frame spots in the hive

BOARDMAN Feeder

- BF1** Boardman Feeder + Cap..... **\$6.19**
- BF1JUG** Feeder + Cap + Jug **\$8.89**
- PHB6** 6 lb. Jug ONLY..... **\$3.30**
- BF1CAP** Feeder Cap ONLY..... **\$1.69**

- Inexpensive and easy-to-use entrance feeder
- Place on top of the inner cover and surround with a deep
- Works for BeeMax and wooden hives



**JAR
Feeder**

- JF1** Jar Feeder..... **\$5.19**

- Sits over the inner cover hole to provide feed right above the cluster
- Can fit four or more feeders close to the inner cover hole when used in an 8 or 10 frame hive
- Fits inside a double nuc super and 4-way queen mating nucs



**PLASTIC
Entrance Feeder**

- EFP**..... **\$6.69**
- EFPSMALL**..... **\$4.89**

- Larger feeder holds 1-1/2 quarts and the smaller feeder holds 1 quart
- Can be used at the entrance of the hive or internally by placing on top of the inner cover and surrounding with a deep
- Will not work with BeeMax or Lyson bottom boards

Feeder Screen Plugs

- FSP1**..... **\$3.89**
- PLUG1**..... **\$0.59**

- Make your own feeder pails or replace the feeder screen on a pail you already have
- Use the solid plug to cover the feeder pail hole when not feeding



Every beekeeper will likely have to feed their bees at some point. Because there are so many options for what to feed, when to feed, how much to feed, and even which type of feeder to use, it's hard to sort out how to get started. As a general rule, in the early fall we recommend feeding 2:1 sugar syrup, 1:1 sugar syrup for spring feeding, and solid feed for winter feeding.

TIPS FOR FEEDING YOUR BEES SUGAR SYRUP

- ✓ **SPRING FEEDING:** Create a 1:1 syrup using 1 lb. water (2 cups) to 1 lb. sugar. For feeding between 45-60 degrees F, do not use an entrance feeder, as the colony won't break cluster to access the feeder on colder days.
- ✓ **FALL FEEDING:** As soon as your honey supers are off, it's time to assess your bees' honey stores for winter. If they seem light, it's time to feed them a 2:1 syrup using 2 lb. sugar per 1 lb. of water.
- ✓ **TIPS FOR FEEDING:** We do not feed sugar syrup during cold weather when bees are not able to take cleansing flights. We wait until it is warm enough for bees to fly regularly.

WHEN AND HOW TO FEED SOLID FEED

- ✓ **COLD WEATHER FEEDING:** If the weather is too cold, feed winter patties. These provide sugars and minimal proteins and fats to bees who cannot forage. Winter patties do not stimulate brood rearing. Feed HiveAlive fondant the same way you would feed winter patties. You can also make your own sugar bricks or feed granulated sugar directly to your bees.
- ✓ **SPRING FEEDING TO INCREASE THE BEE POPULATION:** Pollen patties are used to stimulate build-up of hives in anticipation of the spring flow, but don't feed them too early because pollen supplements will cause rapid expansion, and there may not be enough bees to keep the brood warm. We follow the motto, "No pollen patties before St. Patty's Day."

TYPES OF FEEDERS



Hive Top Feeders

- > Goes on top of your uppermost box
- > Can be filled with sugar syrup or solid feed
- > No need to disturb the hive to refill



In-Hive Feeders

- > Style options include frame replacement (see right) or tank feeding (see left)
- > Made for feeding sugar syrup or water
- > Can be used in spring, summer, and fall



Entrance Feeders

- > Works with all types of hives
- > To be used only during warmer months
- > Do not use during times of increased robbing



SCAN THE QR CODE TO BROWSE ALL OF OUR VIDEOS & ARTICLES ABOUT FEEDING AND FEEDERS



HIVEALIVE Feed Supplements

- HAFONDANT1 1 Fondant 1kg. \$6.29
- HAFONDANTCASE Fondant 15kg. ... \$82.49
- HA100ML 2 Supplement 100ml. ... \$26.79
- HA500ML 3 Supplement 500ml. ... \$88.49

- HiveAlive helps colonies defend against stressors
- Made of a unique blend of Irish seaweed extracts and naturally derived ingredients
- Simply place the fondant feed on the frame top bars in your hive or mix the supplement with your sugar syrup

MEGABEE Pollen Substitute

- POLS5 4 5 lb. Bag. \$28.89

- MegaBee is a highly-balanced powdered supplement with 44% protein
- Scientifically designed to help boost colony strength, population, and brood production
- Can be fed as a powder, made into patties, or mixed directly into your 2:1 sugar syrup

READY-MADE Sugar Syrup

- SUGAR2G 5 2.5 Gallons. \$49.39
- SUGAR5G 5 Gallons. \$94.69

- This sugar syrup is 23% liquid (thicker than homemade 2:1 syrup)
- Will not ferment, resists crystallization, and works well for fall feeding and starting packages and nucs in the spring

HONEY-B-HEALTHY Supplement

- HBH3 6 16 fl. oz. \$30.89
- HBH4 7 1 Gallon. \$133.89

- Produces rapid build-up, boosts the bees' immune systems, and helps prevent mold and fungus in feeders
- Add to sugar syrup (mix 1 tsp per quart of syrup)

HONEY BEE Pollen

- BPHALF Pollen, 1/2 lb. Jar \$13.39
- BP1 8 Pollen, 1 lb. Jar \$21.79
- BP5 Pollen, 5 lb. Jar \$75.19
- BP10 Pollen, 10 lb. Bag \$137.89

- Use it as an additive to make your own pollen patties

Winter Patties

- WP10 Winter Patty (10 lb. Case) ... \$31.89
- WP1C Winter Patty (40 lb. Case) ... \$94.89

- Excellent emergency feed for colonies in late winter
- Contain 2.5% protein, which will not stimulate brood rearing
- Place directly on top of the cluster
- Store extras in a fridge or freezer for up to one year



Global Pollen Patties

- GP10 Global Pollen Patties. \$37.89

- Made with 15% real bee pollen, plus sugar, soy, yeast, and water
- Feed these patties in early spring about 6 weeks prior to the major honey flow, to boost brood production
- For maximum consumption, place patties just above brood
- Store unused patties in the freezer for up to 6 months



VARROA MONITORING

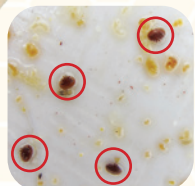
Varroa destructor mite populations, when unchecked, can multiply and bring down an entire hive. Monitoring helps you build a treatment plan and increases your bees' chance of survival.

UPSIDE-DOWN VIEW
Plastic rims support the monitoring tray

Front of the hive



Monitoring tray (slides in at the back of the hive)



Magnified view of mites on a monitoring tray.

SCREENED Bottom Board & Mite Monitoring Tray

- VSCH8COMBOK\$26.89
- VSCH10COMBOK\$26.89
- FTRAY Extra Monitoring Tray\$5.19

- Our Screened Bottom Board and Varroa Monitoring Tray features an extra wide landing board area and plastic corrugated monitoring tray
- Not only increases ventilation in your hive but also assists in monitoring *Varroa destructor* levels
- When monitoring for varroa mites, grease up the monitoring tray, insert it into the back of the hive, and, after 24 or 72 hours, remove and count the number of mites on the tray to help determine if treatment is needed

HOW TO DO A MITE COUNT:

- ✓ **STEP 1:** Wipe the tray clean, then coat it with a thin layer of vegetable oil or petroleum jelly and slide it under the varroa screen.
- ✓ **STEP 2:** Leave the tray in for 1 day (24 hours) or 3 days (72 hours), pull it out and count the total mites you see. If you do a 3-day count, divide by 3 to get the one-day mite drop count.
- ✓ **HINT 1:** Do your count before working the hive, or a few days after, to get as natural a mite drop count as possible.

✓ **HINT 2:** We recommend conducting a mite count every 2 to 4 weeks, depending on previous mite counts.

✓ **HINT 3:** Record your mite level somewhere.

✓ **HINT 4:** Only have the tray under your hive during mite counts and during cold weather. If you do leave your tray inserted, clean it before starting your next mite count. Below the screen, bees cannot patrol, and wax moth larvae may be living in the debris. See **page 57** for mite count treatment thresholds.

VARROA MONITORING



VARROA Mite Test Bottle

VMITEBOT Varroa Mite Test Bottle\$22.89

- Ready-to-use, easily transportable mite test bottle
- Features a quality filter basket, a 1/2 cup measuring scoop, and a tight-fitting lid that is leak-free and comfortable to use
- For use with the alcohol wash mite monitoring method



VARROA EasyCheck

VCHECK Varroa Easy Check.....\$21.89

- For use with the alcohol wash mite monitoring method
- Its compact design makes it easy to use in the bee yard
- Complete instructions included



VARROA Testing Kit

VTK Varroa Testing Kit.....\$19.89
VTKLID Lid & Screen for Jar\$5.00

- This kit includes all that is needed to do the Sugar Roll Method (AKA the Sugar Shake Method) to monitor for varroa mites
- Includes confectioners' sugar, spray bottle, plastic tub, measuring cup, wide mouth mason jar, and lid with screen
- View tips for doing a sugar roll in the center Beekeeping Guide of this catalog on **page 77**

HIVES WITH HIGH MITE LEVELS ARE IN DANGER OF DYING.

The weakened hive is unable to defend against robbers, who will rob stores from the collapsing hive and bring the mites and viruses back to their colonies. This can dramatically increase mite levels in strong hives without warning in the fall.

TREATMENT THRESHOLDS BASED ON RECOMMENDATIONS FROM THE HONEY BEE HEALTH COALITION:

COLONY PHASE	ACTION NOT NEEDED NOW BUT KEEP MONITORING	IMMEDIATE MITE TREATMENT NEEDED
Dormant	<1%	>1%
Population Increasing	<2%	>2-3%
Peak Population	<2%	>3%
Population Decreasing	<2%	>2-3%

% = #mites/100 bees found using an alcohol wash or sugar shake sample



Formic Pro™

- FPR02** 2 Doses (4 Pads) **\$20.49**
- FPR10** 10 Doses (20 Pads) **\$69.89**
- FPR30** 30 Doses (60 Pads) **\$174.49**

ACTIVE INGREDIENT: Formic Acid

- Polysaccharide gel pads that contain formic acid
- Slowly releases vapors to kill varroa mites over an extended period of time
- One of the only treatments to kill varroa under the brood cappings as well as those riding on the bees
- Certified organic in New Zealand (a leader in organic standards)
- Place treatment on top of the lower brood box, or between the two brood boxes
- 14-day or 20-day treatment period
- Can be used with honey supers on



Apivar

- AV4** Apivar, Pack of 4 **\$19.49**
- AV12** Apivar, Pack of 12 **\$51.29**
- AV60** Apivar, Pack of 60 **\$174.89**

ACTIVE INGREDIENT: Amitraz

- Strips that contain Amitraz, a synthetic pesticide and active ingredient used to effectively kill varroa mites
- EZ-Rip Strips feature perforations that make for a more efficient application
- Has been proven safe and effective without leaving any significant chemical residues in honey or wax
- Two strips per 10 frames of bees are placed between brood frames and left in place for 6 to 8 weeks
- A 2-week wait period must follow its removal before adding honey supers
- Do not use with honey supers on

ApiLife Var

- ALV3** Pack of 3 **\$12.95**
- ALV15** Pack of 15 **\$57.95**
- ALV100** Pack of 100 **\$299.95**

ACTIVE INGREDIENT: Thymol

- ApiLife Var contains a low dosage of thymol
- Ingredients include thymol, eucalyptus oil, L-menthol, and camphor
- Up to 95% efficacy when used between 65°- 95° F (18° - 35° C)
- Designed to reduce side effects without a loss of efficacy
- The wafers release thymol by contact and evaporation
- Three applications required in 7-10 day intervals
- Available in packs of 3 (treats two hives), 15 (treats up to 10 hives), and 100 (treats up to 66 hives)
- Do not use with honey supers on



ApiGuard

- AG10** ApiGuard, Pack of 10 **\$53.49**
- AG6** ApiGuard, 6.6 lb. Pail **\$149.29**

ACTIVE INGREDIENT: Thymol

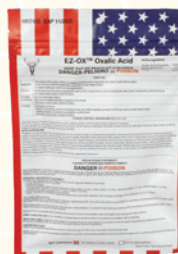
- Thymol-based miticide
- Safe, easy-to-use alternative to "hard chemicals"
- Peel back the foil lid but leave a corner attached
- Place on the top bars, gel side up, centered above brood
- Use a shim to give bees full access
- Remove the tray after two weeks and apply a second opened tray, and leave it until all gel is gone (usually 4 more weeks)
- Use between 60°F and 105°F
- Available in packs of 10 (treats 5 hives) or a bulk pail of 6.6 pounds (treats 30 hives — pads and syringe included)
- Do not use with honey supers on



EZ-OX Oxalic Tablets

- EZOXTABS50** 50 Tablets **\$13.89**
- EZOXPOWDER400** 400g Powder .. **\$24.89**

- Pre-measured and compressed tablets that each contain 1 gram of oxalic acid
- Can be used for vaporization treatments by easily counting out the number of grams you wish to apply and putting the tablets into your vaporization device



BETTERBEE EZ-Dribbler

- EZBOT16** EZ-Dribbler **\$7.89**

- 16 oz. plastic bottle features a 1 oz. dispensing chamber for easy measurements
- Follow manufacturer's instructions for product dispensing



VARROX Oxalic Acid Vaporizer

- VARROX** Oxalic Acid Vaporizer ... **\$179.00**

- Stainless steel pan uses even and controlled transfer of heat to vaporize oxalic acid
- Features "side" wings that prevent it from overturning in the hive
- Requires a 12V power source, such as a car or lawn mower battery (not included)
- Complete instructions included

VARROXSAN Oxalic Strips

- VXSAN60** 60 Strips **\$74.89**

- First legally registered, extended-release oxalic acid treatment
- Four strips used per 10 brood frames (one strip for every 2.5 frames of bees)
- Fold each strip in half and drape over brood frame
- Remove after 42 to 56 days of treatment
- Best used in summer or autumn, outside of the honey flow



OXALIC ACID Dribble Kit

- OAK** Oxalic Acid Dribble Kit **\$24.69**

- Contains enough oxalic acid to treat 12 colonies
- Includes gloves, safety glasses, a dosing syringe, a particle mask, and instructions on how to do a dribble

Oxalic Acid Respirator

- RESPMED** OA Respirator **\$61.79**

- Protect yourself from vaporized oxalic acid
- Half face respirator with one pair of cartridges and a particulate filter



API-BIOXAL Oxalic Acid

- OA35** Api-Bioxal, 35 g **\$10.89**
- OA350** Api-Bioxal, 350 g **\$48.89**
- OA1000** Api-Bioxal, 1,000 g. **\$69.00**

- Oxalic acid varroa treatment EPA-approved for use against varroa mites in honey bees
- Apply via vaporization or as a dribble mixed with sugar syrup
- Kills mites on bees, but not in capped brood
- Use the required protective safety equipment when using oxalic acid



PROVAP Oxalic Acid Vaporizers

- PROVAP** 120V-Powered **\$515.00**
- BATVAP18** Battery-Powered **\$515.00**

- Treat a single colony in 20 seconds
- Available in a battery-powered (by Makita, Milwaukee, or DeWalt 18V lithium-ion) or a 120V/250W battery (from a small generator or an inverter connected to a vehicle battery)
- Battery-powered comes with a dosing tool and each charge can treat up to 40 hives
- Complete instructions included

VARROA MITE MONITORING IS KEY

Successful beekeeping requires you to monitor your mite levels. Choosing the correct treatment plan is integral to controlling mite levels in your hive.

Along these lines, at Betterbee, we highly recommend establishing a mite monitoring plan. Check out the whats, whys, and hows of varroa mite monitoring and treatment options on **page 77** in the Beekeeping Guide. Learn all about the threshold and treatment recommendations on **page 57**.

PARASITE, PEST, DISEASE TREATMENTS



DEALING WITH BEARS & OTHER TYPES OF PESTS:

In addition to the smaller pests, hives can also attract larger animals like bears, skunks, and raccoons. Bears are out for honey and larvae and will knock over and smash hives apart to get their meal.

The best way to deter large pests from destroying your hive is to set up an electric fencing system.

If there is even a small chance that a bear could find your hive, we recommend setting up electric fencing at the same time that you set up your apiary.



HEAVY DUTY Hive Strap

STRAP12 \$10.89

- Heavy-duty, 1-inch wide strap will keep your boxes together
- 12-foot long and can strap up to 2 deeps plus 3 mediums



DEALING WITH SMALL HIVE BEETLES:

The dark color and clubbed antennae are distinguishing features of the small hive beetle. They're more of a problem to bees in warmer climates, in weak hives, and stored equipment. Larvae feed on pollen and honey and leave the hive to mature.



BEETLE Traps

BETR1 Reusable Trap \$8.19
 BEETLEJAIL Baitable Trap \$3.59
 BETR2 Disposable Trap \$3.09

- Choose from one of three non-chemical traps that you can place in the hive between the frames
- Fill the traps 1/3 of the way with vegetable or mineral oil
- Start with one trap per hive and increase if you have a heavy infestation
- Baitable trap also features an inner bait compartment with a separate lid

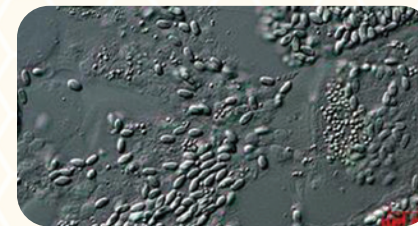


BEETLE Bee Gone Sheets

BEETLEBEEGONE 48 Sheets..... \$9.29

- All-natural, chemical-free sheets
- Add to your hive where beetles might gather
- Your bees will chew the sheets turning them into fuzzy traps which ensnare and kill hive beetles
- Remove the used sheets and apply fresh ones in their place

PARASITE, PEST, DISEASE TREATMENTS



WHAT IS NOSEMA?

Nosema is a disease caused by a one-cell fungal parasite. Historically, *Nosema apis* caused diarrhea in bees after long winter confinement when they could not go on cleansing flights. Treatment and prevention involves feeding the antibiotic fumagilin in the spring and/or fall.

Diagnosis requires microscopic examination of a crushed bee specimen to see the parasite.



Fumagilin-B

FUM24G 24g..... \$24.89
 FUM96G 96g..... \$82.39
 FUM454G 454g..... \$289.79

- Based on a natural extract produced by the fungus *Aspergillus fumigatus*
- Treats and prevents both types of Nosema in honey bees
- Can improve winter survival of honey bee colonies



WHAT ARE WAX MOTHS?

Wax moth larvae can be a major problem in weak hives or supers stored for the winter. The larvae burrow through the comb and leave behind a trail of excrement and webbing, destroying comb.

Wax moth prevention methods to consider include:

- > Reducing hive size to correspond with colony population. This gives the bees a better chance of fighting off the moths and moth larvae.
- > Freeze frames of comb to kill wax moth eggs and larvae.
- > Keep the tray under your screened bottom board clear of hive debris.
- > Use Para-Moth or Certan B402 Larvicide when storing combs. Do not use these products on live colonies.



Para-Moth®

MOTH1 454g \$31.89

- Safe to use on stored combs (no bees present!) to kill wax moth larvae, even those you don't see
- Stack 5 deeps or 7 mediums, place 6 tablespoons of crystals on a card on the top box's frames, then cover tightly
- Vapors will sink, filling the stack
- Allow frames to air out for 2 to 3 days before using on a colony
- Treats about 25 deep boxes
- **Warning:** Never use household mothballs on bee equipment: Even with airing out, future bees will be poisoned



Certan B402 Larvicide

MOTH2 5 oz. Bottle \$35.89
 MOTH3 1 qt. Tub..... \$184.89

- Use before any wax moth infestation
- Concentrated solution of the micro-organism *Bacillus thuringiensis aizawai*, which only harms the gut of wax moth larvae
- No need to air out supers before putting back on a colony
- Dilute with 1 part Certan and 19 parts water, then spray the solution on the combs before storing
- 5 oz. bottle treats 80 deep or 110 medium frames
- 1 qt. tub treats 480 deep or 630 medium frames



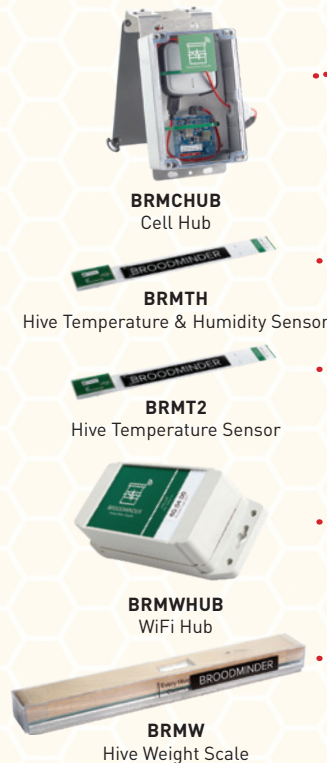
HEAR FROM AN EXPERT AT BETTERBEE

Scan the QR code to listen to Betterbee part-owner, John Rath, speak with Jeff Ott, the host of Beekeeping Today Podcast, about electric fences.

Betterbee is proud to be the main sponsor of Beekeeping Today Podcast. Be sure to tune in every Monday for new episodes. Listen on any platform or visit www.beekeepingtodaypodcast.com.

> NO RETURNS ON MEDICATIONS OR TREATMENTS <

BROODMINDER



BROODMINDER Hive Monitoring Sensors

- BRMCS2 Citizen Science Kit.....\$333.00
- BRMT2 Temperature Sensor.....\$43.00
- BRMTH Temp./Humidity Sensor...\$70.00
- BRMW Hive Weight Scale.....\$220.00
- BRMCHUB Cell Hub.....\$463.45
- BRMWHUB WiFi Hub.....\$190.00

Both hubs include a **one-year subscription** and are drop-shipped from BroodMinder.

GATHER DATA AND SHARE IT WITH OTHERS - LEARN MORE ABOUT YOUR HIVES! Betterbee has teamed up with BroodMinder to offer hive monitoring sensors that allow you to remotely monitor your hives with your smart phone or tablet. The BroodMinder sensors are easily installed within or beneath your hives. They automatically connect to the BroodMinder App, where you can view hourly hive temperature, humidity, and weight data displayed in graphic form.

You can then use this information to make hive adjustments based on measurable facts, not just hunches, and all without needing to open up a hive!

The sensors can measure:

- **Internal temperature and humidity:** Gauge brood, queen, and overwintering status as well as detect early signs of swarming
- **Hive weight:** Measure honey flow and winter store consumption

You choose how to receive your data: step outside near your hive and retrieve data with your cell phone, or purchase a solar Cell or WiFi Hub to transmit data automatically to the cloud.

The classic **Citizen Science Kit** includes the temperature sensor, temperature and humidity sensor, and hive weight scale.



✓ **Prevention is the best medicine for protecting your hives.** Electric fencing can save you the heartbreak (and cost!) of replacing bees and equipment.



KENCOVE Electric Fencing Kit

EFKIT1 Electric Fencing Kit.....\$287.00+

This complete electric fencing kit includes everything needed to protect your hives from pests, large and small, including:

- Easy-to-use Kencove electric netting with integrated poles
- **Fence energizer (fencer)**
- **Grounding rods**
- **40-inch electric netting stands**
Ideal for keeping out small predators such as skunks as well as larger predators like bears.

- **Fencing length:** Choose from 50, 82, or 164 ft. fencing lengths. Pick a length that will allow for at least 4 ft. between the fence line and your hives.
- **Power source:** Choose from a 120V plug-in fencer, a solar/battery powered fencer, and a 12V battery powered fencer. The 12V fencer can be powered by a marine battery found at any auto parts store.
- **Grounding rods:** Choose between 1, 2, and 3 grounding rods, which are 3 ft. long. Dry or frozen soil requires more ground rods while consistently damp soil requires fewer.

HOW TO SET UP AN ELECTRIC FENCE: THE BETTERBEE WAY

✓ When installing your fence, leave enough room to work between your hives and the fencing.

✓ Install the ground rod and energizer close to the inside of the fence. This makes it quick and easy to attach and detach the clip from outside the fence.

✓ Overlap the fence netting if it's a little longer than needed.

✓ We make a gate of the netting. The end of the fence can be swung back after detaching it from the energizer. If we need to move equipment, we turn off the fence, then back the truck up to the netting and work inside the fence.

✓ Mowing and weed whacking around the fence is not hard: just lift each segment of netting.

✓ We use a deep cycle marine battery and a solar energizer for our fences. If you keep your fence clear of weeds, they will continue to charge the fence for 6-8 weeks. These batteries are not inexpensive, but they are made to discharge more completely and then be recharged.

ELECTRIC FENCING



KENCOVE Strip Grazer

EFE35 Strip Grazer \$117.39

0.35 JOULE

- Can mount directly to a ground rod, t-post, or hang from the fence
- Operates from 4 D-cells, a 12V battery, or your own solar panel



5 LIGHT Voltage Tester

EFVT 5 Light Voltage Tester \$16.49

- Check the voltage on your electric fence by inserting the pin into the ground, then touching the end of the tester to the fence wire
- Voltage level is shown with indicator lights

UNIVERSAL Ground Rod Clamp



EFGC Ground Rod Clamp \$5.49

- Fits 1/4" to 1-1/4" ground rods
- To use with 1/2" or smaller rods, simply reverse the face plate



12V SOLAR Energizer

EFS5 12V Solar Energizer..... \$369.89

0.5 JOULE

- Delivers the most power in its class
- One 12V battery (included) operates this unit for weeks without sun
- Includes a 120V charging port, AC adapter, two jumper leads, and a 3 year warranty that covers lightning damage
- Perfect for apiaries located far from a power source

Ground Wire

EFGW \$4.29

- Used to attach the grounding rods to the energizer
- 15 foot roll



DUAL PURPOSE Energizer

EFE1 Dual Purpose Energizer ... \$164.79

1 JOULE

- Can operate on a 120V electric plug or a 12V battery
- Features full power and half power settings to save battery life and LED indicator lights to show voltage and battery conditions
- Includes AC adapter, battery leads, and a 3 year warranty that covers lightning damage

Jumper Clip

EFJC \$5.89

- Comes with a 4 foot insulated wire
- One end attaches to the charger and one end attaches to the fence



STAY GROUNDED! Grounding is key to an effective electric fence. The energy must travel out the animal's feet, through the soil, and then into the energizer's ground terminal. This completes the circuit and shocks the animal. Once shocked, they are trained to respect the fencing. Start with one ground rod if you have wet, compact soil. In dry soil you may need 2 or 3 ground rods. If you add more, plan to get wire to connect the ground rods.

BEE PREPARED! Prevention is the best medicine for protecting your hives. If there are bears or other pests in your area, an electric fence can save you the heartbreak (and cost!) of replacing bees and equipment. Bears are discouraged by electric fencing, but it is best to be proactive and install an electric fence now. Once they have been successful with a brood and honey meal, they can be very hard to keep out of an apiary.

LYSON SUITS & JACKETS



Bee Suits & Jackets

JACKETLY 1 Premium Jacket	\$94.00
SUITLY 2 Premium Suit	\$129.00
JACKETPVLY 3 Part Vent Jacket.....	\$134.00
SUITLYVM6031 4 Full Vent Suit	\$189.00
LYVEIL60380 Replacement Veil	\$22.49

- The lightweight tan cotton/polyester fabric (35%/65%) on the Premium line is perfect for those who want breathable protection
- Our white, partially-vented jacket and fully-ventilated suit are 100% cotton and feature 100% polyester panel ventilation, multiple deep pockets, and a chin strap to keep the veil from falling off when you bend over
- **Sizes available:** Small to 3XL
- See our website for sizing charts



Children's Bee Suit

SUITLYCH 5 Children's Suit..... \$64.00

- Keep your young beekeeper fully covered with this lightweight, full coverage suit
- Features elastic at the cuffs, full zip, and zippered pockets
- Includes round veil with chin strap to keep in place
- **Sizes available:** Small to X-Large
- See our website for sizing charts



Colored Suits & Jackets

LYJACK 6 Lyson Colored Jacket .	\$118.00
LYSUIT Lyson Colored Suit.....	\$154.00
CHILDSUIT Child Colored Suit.....	\$84.00

- In-stock adult jacket colors available now at Betterbee: Blue, Purple, Salmon, Turquoise
- Contact us to special order any available colored suit or jacket
- **Sizes available:** Small to 3XL
- See our website for sizing charts



BJ SHERRIFF SUITS & JACKETS

B.J. SHERRIFF

Honey Rustler Jacket + Apiarist Suit

SHERRIFF'S BEST SELLERS FOR OVER 50 YEARS!

JACKETS41 1 Sherriff Honey Rustler	\$203.00+
SUITS36 2 Sherriff Apiarist	\$267.00+
SUITSC3A 3 Sherriff Jr. Apiarist	\$165.00+
VEILZIPS53 Sherriff Veil	\$61.79

- The **Honey Rustler Jacket** has a robust central vertical zip, making it easy to slip on and off
- Its ClearView™ veiling offers the best in visibility and airiness and attached veil stands up with no hat brim
- The **Apiarist Suit** is made of a quality blend of polyester and cotton, offering lightweight but solid overall protection
- This suit has been endorsed and tested by thousands of beekeepers, professionals and hobbyists alike
- Available in a junior option
- **Sizes available:** Small to 2XL (Jacket) and Small to 3XL (Suit)
- See our website for sizing charts

Colors available: White (in stock) or by special order: Khaki, Mocha, Buttermilk, Lime, Apple, Blue, Sun, Sienna, or Seville



PROTECTIVE CLOTHING TIPS + HINTS

- ✓ **Dress to your comfort level.** When getting started in beekeeping, don't try to dress like your mentor. It's OK to wear gloves! When you are comfortable, you observe more, and that's more important in the long run.
- ✓ **Ease into it.** If you are worried about inspecting hives with thin gloves on, try wearing one leather and one nitrile. The thinner your gloves, the better you will handle frames and a hive tool, and the less the bees will become angered due to accidental crushing.

- ✓ **Zip it!** When zipping up your jacket or suit, make sure that the vertical zipper is closed higher than the horizontal zipper that goes around your neck. This ensures there are no gaps for bees to sneak in.
- ✓ **Clean your gear.** To care for your protective gear, disconnect your veil and hand wash it. As you remove your veil, take a picture and pay attention to how it unzips. This will make it easier when it is time to reattach it. You can throw the rest of your jacket or suit in the washing machine.

BETTERBEE SUITS & JACKETS

THE BETTERBEE Jacket + Suit

JACKETBB 1 Betterbee Bee Jacket	\$89.00
SUITBB 2 Betterbee Bee Suit	\$139.00

- The **Betterbee Suit** and **Betterbee Jacket** provide great protection in the bee yard and are extremely functional and durable
- The jacket is cut extra long, so you have more protection when bending over
- **Both feature:** 100% cotton, soft cotton elastic cuffs, 4 Velcro pockets, and come standard with a choice between an English and Round Veil
- **Sizes available:** XX-Small to 4XL
- Sizes run large
- See our website for sizing charts

THE HOBBYIST Pullover

HPO 3 The Hobbyist Pullover	\$76.49
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- Lightweight and easy to be put on over work clothes, this beekeeping pullover is perfect for quick trips out to the bee yard, or for working a few hives
- Features a built-in, broad-brimmed hat to protect your face from the sun, and a detachable zippered veil
- Fully elasticized wrist and waist for both safety and comfort
- **Sizes available:** XX-Small to 4XL
- See our website for sizing chart



PARTIAL/FULL VENT & PULLOVERS

THE PARTIALLY AND FULLY VENTILATED Jacket + Suit

- JACKETPV **1** Partially Ventilated \$98.00
- JACKETFV **2** Fully Ventilated..... \$142.00
- SUITPV **3** Partially Ventilated \$119.00
- SUITFV **4** Fully Ventilated..... \$176.00

- Both the Jacket and the Suit are available in two versions: **(1) Partially Ventilated** has a strip of ventilated fabric from the insides of your wrists, up your arm and down to your waist (or down to your ankle with the suit); **(2) Fully Ventilated** is entirely made from ventilated fabric
- Both the Jacket and the Suit have four pockets and adjustable elastic cuffs at the sleeves
- Round veil included; English veil available for purchase
- **Sizes available:** X-Small to 4XL (Jacket) and XX-Small to 6XL (Suit)
- Sizes run small: See website for sizing charts

B.J. SHERRIFF Countryman Jacket

(NOT PICTURED)

HPOS28 Sherriff Countryman .. \$165.00

- This classic beekeeper's pullover and veil includes three kangaroo pouch pockets, thumb loops to keep the cuffs in position, and a detachable hood with a zipper that unzips completely around the top of the jacket
- Prices vary by size
- **Sizes available:** Small to 2XL
- See website for sizing chart



REPLACEMENT VEILS & MORE



TIE-DOWN Clear Vue Veil

RV3 Clear Vue Tie-Down Veil \$45.89

- The clear vue veil makes it seem like there's no veil at all!
- Cords go under your arms and across your chest



TIE-DOWN Round Veil

RV1 Tie-Down Round Veil \$20.49

- Loop the two cords under your arms and across your chest, cinching the veil tightly over you
- Requires hat or helmet for use



TIE-DOWN Square Veil

SV1 Square Tie-Down Veil \$20.49

- This veil provides maximum comfort and protection
- Features square wire mesh
- Requires hat or helmet for use



TIE-DOWN Child's Veil

CRV1 Child's Tie-Down Veil \$24.89

- This round veil comes with two long, durable, polyester cords that go under the arms and cinch across the chest



ROUND Veil + Hat

RV2 Round Veil + Hat \$27.69

- Includes a built-in, adjustable hat and features long cords that go under your arms and across your chest



PULL-DOWN Round Veil

PDV1 Pull Down Veil \$33.89

- The same as the Round Veil + Hat, with an added feature: the top of the veil pulls down
- One size fits most

REPLACEMENT VEILS FOR OUR SUITS AND JACKETS



English Style Veil

***FOR USE WITH:** Betterbee Jacket (JACKETBB) & Suit (SUITBB)

VEILZIPENGLISH \$30.89

VEILPETITE1ENGLISH Petite Veil . \$30.89 (for use with XXS/XS sizes only)



Square Veil

***FOR USE WITH:** Betterbee Jacket (JACKETBB) & Suit (SUITBB)

VEILZIPSQUARE \$30.89



Full Vent English Veil

***FOR USE WITH:** Fully Ventilated Jacket (JACKETFV) & Suit (SUITFV)

VEILVENT1ENGLISH \$30.89



Round Veil

***FOR USE WITH:** Betterbee Jacket (JACKETBB) & Suit (SUITBB) OR Fully/Partially Ventilated Jacket (JACKETFV/JACKETPV) & Suit (SUITFV/SUITPV)

VEILZIPROUND \$30.89

VEILS & PULLOVERS



ALEXANDER Veil Only

AVEIL Alexander Veil.....\$22.69

- Requires no helmet (but we find it fits better on top of a baseball cap) and makes an ideal extra veil for visitors or to have on hand for emergencies



SHOULDER Veil + Hat

SHV1 Shoulder Veil + Hat Combo ..\$37.89

- Ties around in the front at the waist
- We do not recommend it for more petite beekeepers, as the arm elastics will not be tight enough to keep bees out
- One size fits most (M-XL)



PACKABLE Pullover

PACJAC Packable Pullover Jacket \$29.89

- The perfect travel companion for beekeeping on the go, whether you need to catch a swarm or inspect a hive
- Packs into its own pocket for easy storage, and provides comfortable, breathable protection for everyone
- Features an adjustable drawstring elastic waistband, thumb loops, and flexible veil
- The thin fabric is comfortable, but not sting-proof
- **Sizes available:** Small, Medium/Large and X-Large



B.J. SHERRIFF Farmer Vest

SHVS21 Farmer Vest..... \$113.00

- Features the original BJ Sherriff ClearView™ veil, attached to a sleeveless breathable net vest
- The hood features a single collar zip with ring-pull, which when undone allows the hood to be drawn back to rest on the shoulders
- Available in sizes Small/Medium and Large/X-Large



B.J. SHERRIFF Handy Hood Veil Only

VEILHANDYS20 Handy Hood Veil\$87.49

- BJ Sherriff's ClearView™ mesh veil provides excellent vision
- A simple, self-supporting hood with draw string that is quick and easy to secure for instant protection
- One size fits all

PROTECTIVE GLOVES



GOATSKIN Gloves

GS1 1 Goatskin Gloves \$24.89

- Softer than cow skin gloves so you get a better "feel"
- Unventilated with reinforced thumbs
- **Sizes available:** XXS, XS, S, M, L, XL, XXL

CHILD'S Leather Gloves

VGC1 2 Child's Leather Glove \$24.89

- Protect those little hands with thick leather
- Measure 3.5" across and the thumb is ~3" long
- **Sizes available:** 3XS

REUSABLE Nitrile Gloves

RNG1 3 Nitrile Gloves, Reusable, 1 Pair..... \$4.89

- Heavy enough to last a season or more
- When thick gloves with no "feel" annoy you, or accumulate so much sting scent the bees attack them, try these washable reusable gloves
- **Sizes available:** S, M, L, XL

WRIST + ARM Protectors

HPLY6036 4 Wrist + Arm Protectors \$10.29

- When working with nitrile gloves, the area around your wrists can be exposed and get stung
- These protectors cover your wrist and forearm
- Sold in pairs, one size fits most

DISPOSABLE Nitrile Gloves

DNG100 5 Nitrile Gloves, Disposable \$36.00

- Our favorite to use in the Betterbee bee yards!
- While these gloves do not prevent stings, we find that bees rarely sting through them
- If you do get stung, just tent the glove next to the stinger and it comes right out
- They are good for 2 or 3 uses
- Come in a box of 100 extra thick, tough nitrile gloves
- **Sizes available:** S, M, L, XL

VENTILATED Leather Gloves

VLG1 6 Deluxe Cowskin Leather, Ventilated \$24.89

- Features a reinforced panel in the webbing between your thumb and forefinger
- Features a stiff ventilation panel
- Sleeve measures approximately 15" from wrist
- **Sizes available:** XXS, XS, S, M, L, XL, XXL

NON-VENTILATED Leather Gloves

LG1 7 Cowskin Leather, Non-Ventilated..... \$24.89

- Non-ventilated gloves provide the same protection as our ventilated leather gloves without the ventilated sleeve
- Sleeve measures approximately 15" from wrist
- **Sizes available:** XS, S, M, L, XL, XXL

LEARN AND GROW AS A BEEKEEPER WITH THESE ARTICLES & TIPS

The most successful beekeepers agree that keeping bees requires constant study. At Betterbee, we take education seriously because we want everyone to have many hives, healthy bees, and lots of honey.

Read the tips, tricks, articles, and methods in the following guide to help you become an even better beekeeper. Feel free to remove this whole center section and share the tips with friends and family!

BETTERBEE IS THE MAIN SPONSOR OF BEEKEEPING TODAY PODCAST

We are beyond happy to announce that Betterbee is now the key sponsor of the Beekeeping Today Podcast!

Both Beekeeping Today Podcast and Betterbee have the goal of educating beekeepers with skill levels ranging from new hobbyists to seasoned professionals.

Check out all of the great content that the podcast has to offer and tune in every Monday for a new episode! Available wherever you get your podcasts. You can also visit www.beekeepingtodaypodcast.com to learn more and listen to all past episodes.

WE CAN TEACH AT YOUR CLUB OR EVENT

Would you like Betterbee to come talk about bees to your club, school, company, or other event? We're happy to arrange custom programming to meet the needs of your group or event.



Take an online or in-person class with us



Check out our quick guide to beekeeping



Read our speaker biographies & sample presentations

PLANNING FOR YOUR INSPECTION

New beekeepers frequently ask how often they should inspect their colonies. Though the bees don't need to see you all the time, you need to see them in order to learn to be a better beekeeper. We recommend inspecting weekly when you first get into beekeeping.

Plan inspections for the middle of a warm day when many of the bees will be out foraging. Avoid opening the hive when a storm is approaching, if it's rainy, or near dusk. Light your smoker and puff hard and fast to get it going.

Stand at one side of the hive instead of the front or back. This puts the ends of the frames right in front of your hands.

BEGINNING YOUR INSPECTION

The basic goal of every inspection is to check on the **BROOD** (immature bees in cells) and the **FOOD** (quantity of honey, nectar, and pollen). You do this by pulling out the frames of comb, one by one, and looking at both sides.

Start your inspection with a puff or two of smoke at the entrance to disrupt the guard bees that might otherwise respond to your disturbance. Remove the outer cover and set it aside. Smoke into the center hole of the inner cover, then gently pry it off. If there are bees clinging to the underside, set the cover bee side up on the ground in front of the hive, with one corner resting up on the entrance area.

HOW TO HANDLE FRAMES

Start by removing the frame closest to a wall. If bees block your view or grip, move them with gentle puffs of the smoker. Use your hive tool to pry it up. Remove the frame by grasping the top bar at both ends with the fingertips of both hands and easing it straight up and out of the box.

Focus on lifting carefully and slowly, keeping the frame vertical to avoid injuring bees.

WHAT YOU SHOULD SEE ON A FRAME

Determining the difference between eggs, different stages of brood, honey, and pollen on a frame can be a challenge. Check out the images below to see what you can expect to find on a frame you are inspecting:



What every beekeeper wants to see: eggs! One egg deep down per cell says a laying queen passed by in the past 3 days.



The worker larvae pictured here range in age from 3 days to 9 days, after which the cell is capped over for the pupa stage.



In spring, frames often have an arch of worker brood. This picture shows capped worker brood in the lower right. At the top left, you can see capped honey. Pollen (bee bread) is often packed in between the brood and the honey.



"Peanut-like" cells on the bottom of frames are queen cells. For comparison, note the bulbous drone cells above the queen cells. If the bees are making new queens, they might be preparing to swarm, to replace their current queen, or they may be replacing a queen who died. Queen cells can also be found not only on the bottom, but further up on the frame.

TIPS FOR INSPECTION SUCCESS

- 1. Take a breath and remain calm.** It can be intimidating to reach your hands into a box full of thousands of busy insects with stingers! While your honey bees don't want to sting you, some hesitation is a common mental barrier you have to work past. Take your time and give yourself water (or mental) breaks as needed.
- 2. Move slowly...** as if you were doing a Tai Chi routine. You are learning to handle unfamiliar equipment, which can be pretty awkward! Clumsiness can result in squished bees, so slow down and stay focused.
- 3. Expect that you'll occasionally mess up.** If the bees become agitated, smoke them moderately, or walk away for a few minutes so that you and they can both settle down. Then return to your inspection, or just put the hive back together and come back another day.
- 4. Learn to really see what you are looking at on the frames.** Try to identify what you're seeing. Use the photos to the left to help you out! Begin by locating areas of capped brood, then look nearby for open cells with white grubs in them: these are bee larvae of varying sizes/ages. If you see tiny white rods in dry cells: these are bee eggs. Don't be disappointed if at first you can't see all these stages. As long as there are larvae or eggs, you can figure out the last time your queen was laying eggs on that frame.
- 5. Ask for help when you need it.** Certified Master Beekeepers ask each other for help all the time when they're trying to figure out what is happening in a particularly strange hive. There's no shame in finding something you don't understand, snapping a few photos, and showing them to a beekeeping mentor or a member of your local bee club. You can also email the photos to support@betterbee.com and our team of expert beekeepers will happily try to help you.



betterbee.com
(800) 632-3379



WHAT IS A SWARM?

As a beekeeper it is your responsibility to manage swarming in your hive, in particular if you have human neighbors who are not beekeepers.

Swarming is how a colony makes itself into two colonies, during the resource-rich spring population boom. Controlling swarming is a goal but it is unlikely you can always prevent every hive from swarming.

The impulse to start swarm preparations usually begins during the time of spring buildup, while the actual swarming typically occurs on a warm and sunny day in mid- to late-spring. Swarming can happen up until early fall.

During a swarm, the queen leaves the hive with about one-half to two-thirds of the bees. The existing hive still contains the remaining worker bees and drones, lots of brood, and capped queen cells with developing queens. While queen cells are traditionally on the bottom of the frame, they can be anywhere, and the bees can hide them quite well.

Once the swarm leaves, they land and cluster temporarily near the hive, known as the bivouac. The clustered swarm is usually very docile. The swarm stays here for minutes or days until they make a collective decision of where to move next. Back in the hive, the new queen emerges anytime from right away to a week later. The new queen then must successfully complete her mating flights. Egg laying will typically start 2 to 3 weeks after the queen emerges.

WHY DOES SWARMING HAPPEN?

Swarming is a natural occurrence; your bees will want to swarm each spring if they are a healthy colony. Swarming can be triggered by a crowded and congested brood area where there is no room for the queen to lay. A lack of space can cause a lack of queen pheromone distribution, which can then stimulate queen cell development. However, swarming is not JUST based on lack of room; it's the natural reproductive instinct of the bees. Ask your mentor or local club when swarm season starts.

HOW CAN I PREVENT SWARMING?

Prevent swarms by proactively giving room to your bees by adding supers of comb prior to the honey flow. In our area, supers go on when dandelions are seen. We have found that BetterComb (page 24) provides room for the bees to use immediately.

Swarming can also be managed by splitting hives and making nucs. Splits divide the resources of one hive into two. Here you would either introduce a purchased queen to the queenless part or let that hive rear its own new queen.

In the event that your hive does swarm, **RECORD THE DATE!** Do not expect to see eggs for a minimum of about 3 weeks. If there are no eggs at 3 weeks, it probably means that the hive did not successfully requeen and you will need to introduce a replacement queen. However, if you introduce a replacement queen before that time, there is a chance she will be rejected, if the bees already have a queen who is either developing, mating, or just starting to lay her first few eggs. Be patient. Usually the bees handle post-swarm processes just fine!



DEALING WITH THE AFTERMATH OF A SWARM

It can be very discouraging to know that your colony has swarmed. A different way of looking at it is this: your good care of your bees left them healthy enough that they did what they were biologically programmed to do. You can leave the colony alone for 3 weeks after a swarm departs, to let the bees requeen. Or you can carefully inspect the hive to learn what queen cells look like at various stages. You may discover numerous queen cells in all stages of development. If all queen cells are still intact, the new queens are still developing inside. If you discover queen cells with holes cut out of their sides, there is likely at least one new queen roaming about and killing her rivals before they can emerge (which is gruesome but natural).

WHEN WILL I SEE NEW EGGS AND BROOD AGAIN?

After a queen cell is capped, the queen emerges in 7-8 days. She spends another 6 days hardening her wings, being fed, and maturing sexually. Add another 2 or 3 days to accomplish her mating flights. Egg laying can begin as early as 3 days after mating. Altogether, this covers a period of 18 or 19 days. Add a day or so more for any weather delays to the mating flights and you get to three weeks as the minimum time from swarming to egg laying. Her first eggs will appear as the last capped worker brood is emerging. If all you see is a little capped brood at 3 weeks, eggs are likely to be coming soon. If 4 weeks pass with no eggs, ask a beekeeping mentor for help.



SPLITTING TO BUILD YOUR APIARY OR PREVENT SWARMS

Spring splitting helps satisfy your bees' instinct to swarm while giving you control over where the bees go. For some beekeepers, it's a matter of increasing colony numbers rather than preventing swarming: overwinter colony losses might turn a 10-hive apiary into a 3-hive apiary, and making new colonies helps recover from those losses. For many of us, it's a mix of both swarm prevention and apiary expansion.

Preventing swarming — an instinctual behavior in healthy colonies — is a constant negotiation between bees and beekeeper. Splitting lets us remove excess bees, full brood frames, and perhaps even the old queen to relieve the many cues that tell a full colony that it's time to swarm. Don't try to split a brand new package or a small nuc you ordered this year, or you'll be asking too much from bees that aren't really strong enough to split.

HOW WILL YOU KNOW WHEN TO SPLIT A COLONY?

Any colony that came through the winter strong and full of bees is a candidate for splitting. But before you start splitting all of your strong colonies, keep in mind that two small colonies will not make as much honey as a single large one. There are economies of scale that make it easier for a large colony to collect more nectar and manufacture more harvestable honey. Of course, if you split this year and keep both colonies alive through the winter you'll wind up with two large honey-producing colonies next year. Bottom line: Evaluate your need for more colonies and more honey, now and in the future, and then strike the balance that feels right for you.



Scan this QR code with your phone or tablet's camera feature to read the rest of this article.

THREE SPLITTING METHODS



WALK-AWAY SPLITS. The simplest way to split a colony is to perform a walk-away split. In this method, you separate one hive full of bees into two hives, leaving the queen in one and leaving the queenless half to produce a new queen.

Pros: The upside of this method is that it's very easy to do — just pull some bees, brood, and food from a healthy colony and put it into an empty hive, and the split has begun. Using this method, it's not even strictly necessary to know which of the two hives was left with the original queen.

Cons: Unfortunately, there are a number of downsides to this easy method. A walk-away split may be easy, but it's also the slowest and riskiest method because a lot can go wrong when the bees have to raise an emergency queen. No new eggs will be laid during that process, and once the new queen begins laying it will take up to 6 weeks before her new workers begin foraging outside the hive. Under even the best of circumstances, a broodless period of many weeks is likely during this kind of split.

If you'd prefer to reduce the risk of failure and increase the quantities of bees and honey that your colonies can produce, consider an alternative to the walk-away split method.

QUEEN CELL SPLITS. Instead of having the queenless colony rear their own queen, a beekeeper can move a capped queen cell (or a frame with a single queen cell on it) from a colony that is preparing to swarm, and carefully insert it into the new queenless split hive. Moving a large healthy queen cell shortens the amount of time before a new queen (and new bees) will appear. Since the best hives to split are also the big hives most likely to swarm in the spring, you can often make a split with queen cells taken from the same colony as the bees themselves. Queen cells from unrelated hives can also be used with few problems, since bees are unlikely to reject any queen that emerges from a capped cell into their hive.

PURCHASED QUEEN SPLITS. The quickest and probably most reliable method gives your queenless split a ready-made, purchased mated queen. Such a queen should arrive mature and ready to lay eggs. A caged queen inserted into a queenless split might be released from her cage within 3 days, and should lay her first eggs almost immediately. This means that the colony will suffer much less downtime, and should have a relatively short broodless period. For three weeks, the emerging brood will have been laid by the old queen. Then, there might be a gap of a few days before workers laid by the new queen start to emerge.

New queens are typically affordable and can be ordered during spring and summer from Betterbee or other suppliers. There is some risk that the split will reject the queen as a foreigner, but this is usually the only major downside to this technique. Before trying this method, read up on how to make splits receptive to being requeened and how to ensure a happy introduction between your split and your newly purchased queen.

KNOW YOUR ENEMY: VARROA MITES

To be the best beekeeper you can be, you must have a good grasp on mite biology. Failure to control mites throughout the year can easily spell doom for your bees. By understanding your enemy, you can do a better job keeping your mite levels low and your bees healthy.

Varroa mites are originally a pest of *Apis cerana*, a honey bee from Asia. In its original host species mites only reproduce in drone cells. When varroa jumped between bee species, it rapidly evolved a number of traits that made it a more harmful pest, including the ability to reproduce in worker brood. However, mites still show a preference for drone brood, where they can produce more offspring per reproductive cycle.

VARROA MITES ARE ARACHNIDS

Like ticks, spiders, and scorpions, varroa mites are arachnids. This means that mites aren't treated with insecticides but rather with acaricides or miticides that don't target insects like your bees. Different miticides kill mites using different chemical mechanisms, and may target mites at different stages of their lives.

MITES YOU SEE ARE ALL FEMALE

The little red varroa mites in your hives are all females. They ride on bees (usually young workers taking care of brood) and feed on the nutrients in the bees' bodies. These are called the "phoretic" mites, to distinguish them from the "reproductive" mites that are actively producing new offspring in brood cells. At different times of year, a different proportion of the mites will be phoretic vs. actively reproducing.

HOW MITES REPRODUCE

To reproduce, a female mite crawls into a brood cell that's about to be capped. Once the wax cap is made, the mite begins feeding on the young bee and laying eggs. The first egg grows into a male, the subsequent eggs grow into females, and the young mites all incestuously mate with each other as the helpless bee continues its development.

As the weakened bee crawls out of the cell, the mother mites and her now-pregnant daughters will emerge with her. The tiny and fragile male mite is left behind to die in the cell.



MITES FEED ON FAT BODIES AND HEMOLYMPH

For many years, we thought varroa mites fed on honey bees' hemolymph, much like how ticks or fleas feed on mammalian blood. That understanding changed due to the work of Dr. Sammy Ramsey, who demonstrated that the mites were consuming a bee organ called the fat body when they fed on adult bees. That changed how we think about mite impacts on the health of winter bees in an overwintering colony. However, even more recent research from Olav Rueppell's lab has shown that mites ALSO drink hemolymph when they feed on capped brood. Only through continued research can we understand the best ways to fight this enemy.

SAMPLE PLAN FOR VARROA MANAGEMENT

There are many different ways to keep mites in check, but we like to offer sample mite management plans for beekeepers that get overwhelmed by so many different options.

NORTHERN REGION SAMPLE PLAN FOR OVERWINTERED HIVE:

Presidents' Day (February 17): Install Apivar (1 strip per 5 frames of brood. This requires 6-7 weeks for the treatment, plus at least 2 weeks for the waiting period after you pull the strips out before adding supers by May 1st.

Tax Day (April 15): Pull out Apivar strips.

Mother's Day (May 11): Test mite levels in all hives or 10-30% of hives in each apiary. If any hive yields more than 3 mites per 100 bees, treat the entire yard. Treatment this time of year will likely be two strips of Formic Pro for 14 days as long as temperatures are between 50 and 85°F. A single strip of Formic Pro can also be used with supers in place, but neither kills reproducing mites in the brood like the full dose of Formic Pro does.

Father's Day (June 15): Repeat May plan, treating if needed.

Independence Day (July 4): Repeat May plan if you have not treated yet. If treatment is required, be sure to find a stretch of days under 85°F to treat with Formic Pro.

First week of August: Repeat May plan, treating if needed.

Labor Day (September 1): Harvest the summer honey crop. Check mite levels. Treat with Formic Pro (formic acid) or Apiguard/ApiLife Var (thymol) if levels are above 2 mites per 100 bees. If you can't monitor, default to treating every hive.

Once, between Thanksgiving and Christmas:

Treat every colony with either vaporized or dribbled oxalic acid, to clean up lingering mites and knock levels as low as possible for next spring.

MORE SAMPLE VARROA PLANS:



Scan the QR code with your smartphone or tablet's camera feature to read sample varroa management plans.

THE IMPORTANCE OF MITE MONITORING

Monitoring is an important tool for keeping your bees healthy. Regular monitoring doesn't prevent mite problems, but it does give you the ability to avoid panic treatments, plan your treatments in advance, and even skip a planned treatment when mite levels are uncharacteristically low.

The "indirect" sticky board monitoring method counts the number of mites that fall or are groomed off the bees over a period of time. This method is the least intrusive – it doesn't even require opening the hive to perform the test.

Direct sample monitoring using a sugar roll or alcohol wash measures the number of mites collected from a 1/2 cup (300 bees) sample. It is a more precise assessment of mite levels than using a sticky board.

HOW TO USE A STICKY BOARD



1. Remove the monitoring tray from your screened bottom board.
2. Clean the tray and spread or spray a thin coating of cooking oil or mineral oil over the whole monitoring tray.
3. Return the tray under your screened bottom board.
4. Run the test for 24 or 72 hours.
5. Remove the "sticky board" tray and count the number of dropped mites.
6. If you do a 72-hour count, divide the total number of mites by 3 for the daily drop. It's hard to give firm treatment thresholds for sticky boards, but 10+ mites falling per day is a sign of trouble.

HOW TO DO A SUGAR ROLL



1. Select a brood frame and make sure the queen is not on it.
2. Shake this frame of bees into tub; allow forager bees to fly away for a few seconds.
3. Tap the tub so bees slide into one corner. Scoop bees up with a half-cup measuring cup and dump into the jar.
4. Screw on screened lid and add roughly 2 tablespoons of powdered sugar through the screen.
5. Roll jar a few times to coat all bees with sugar. Let jar sit for 2 minutes so bees can groom themselves.
6. While waiting, return the frame of brood back to the hive.
7. With screen lid on, shake the jar over a plate or plastic tub for 2 minutes to remove the powdered sugar and any dislodged mites.
8. Dump the sample bees back on top of the frames in their hive. Close the hive up.
9. Use a spritz of water to dissolve the sugar, then count the mites visible in the tub.
10. Divide the mite count by 3 to get mites/100 bees.

HOW TO DO AN ALCOHOL WASH



1. Fill the varroa mite test container 2/3 of the way with alcohol. Make sure the strainer part is in the test container.
2. Select a frame of brood and make sure the queen is not on it.
3. Shake the frame of bees into a plastic tub; tap tub to settle bees into a corner.
4. Scoop bees up with a half-cup measuring cup and dump into the test container.
5. Close test container and shake to immerse the bees in the alcohol, killing them.
6. Replace the brood frame in the hive and close up the hive.
7. Swirl the test container for 60 seconds. Do not shake.
8. Open container, remove basket and bees, and discard the bees.
9. Count mites seen at the bottom of the test container.
10. Divide the mite count by 3 to get mites/100 bees (% of mite infestation).

TREATMENT THRESHOLDS BASED ON RECOMMENDATIONS FROM HONEY BEE HEALTH COALITION:

Colony Phase	Action Not Needed Yet	Treatment Needed
Dormant	<1%	>1%
Population Increasing	<2%	>2-3%
Peak Population	<2%	>3%
Population Decreasing	<2%	>2-3%

% = #mites/100 bees found using an alcohol wash or sugar shake sample

USING A FRAME ISOLATION CAGE IN VARROA MANAGEMENT

Controlling *Varroa destructor* mites is one of the best things we can do to help a colony thrive during the active season, and low mite levels also increase the chances of that coming through winter healthy and ready for spring. Most beekeepers (like us!) rely on chemical miticides to manage their mite populations, but there is also an interesting non-chemical option to control mites that involves confining the queen to a cage.

USING A FRAME ISOLATION CAGE TO CONTROL VARROA

Using a frame isolation cage, made of metal queen excluder material and sized to hold one frame (medium or deep), the queen is confined, but has room to keep laying eggs. This is appealing to beekeepers who want to try caging their queens, but are hesitant about completely stopping her from laying for long stretches of time. By restricting the queen to one frame where she continues to lay eggs, you limit the brood in the colony while still allowing her to continue laying. This will produce a continuous (though reduced) supply of brood pheromones, and will allow her to keep her egg-laying machinery in working order. A laying queen has her full complement of pheromones, so confining her like this may give better results than just keeping her in a tiny queen cage in the hive.

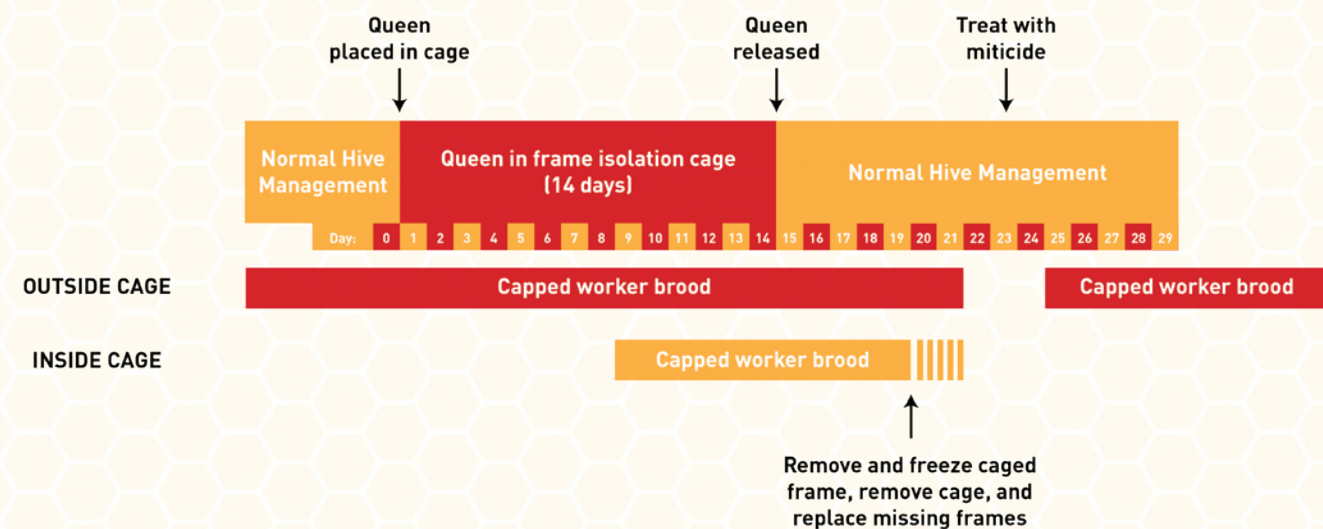
To install the frame isolation cage, you'll need to remove two frames from the hive. One frame can be inserted into the cage, and the other frame must be stored elsewhere to make room for the bulk of the cage.

STEP-BY-STEP INSTRUCTIONS ON USING A FRAME ISOLATION CAGE TO FIGHT VARROA MITES

Reminder: The method below is still being tested. Betterbee cannot guarantee your outcomes if you try this technique, and we don't recommend it to beginning beekeepers who are just getting started.

- **STEP 1:** Put an empty frame of dark (brood) comb into the cage, then place the queen inside. She'll be joined by workers, and they will care for her and the brood she produces. This is Day 1 of your manipulation.
- **STEP 2:** Leave the queen in the cage for approximately two weeks (see diagrams below). We need to cage her long enough to produce a gap when all of the brood outside the cage will have emerged, but there will be no other capped brood in the colony except on the frame inside the cage.
- **STEP 3:** Remove the queen from the cage and return her to the hive, allowing her to start refilling the brood nest with eggs. Leave the frame inside the cage, where it will continue to receive care from the colony's nurse bees, but where the queen will not be able to lay any further eggs. Remember to check the colony a few days later to make sure that the bees aren't making supersedure cells throughout the hive out of concern that something has gone wrong with their queen.

Now you have a choice. You can try to trap many of the mites in the caged brood and destroy it, you can treat the colony while many of the mites are exposed, or you can do both. Doing both will give the best mite control.



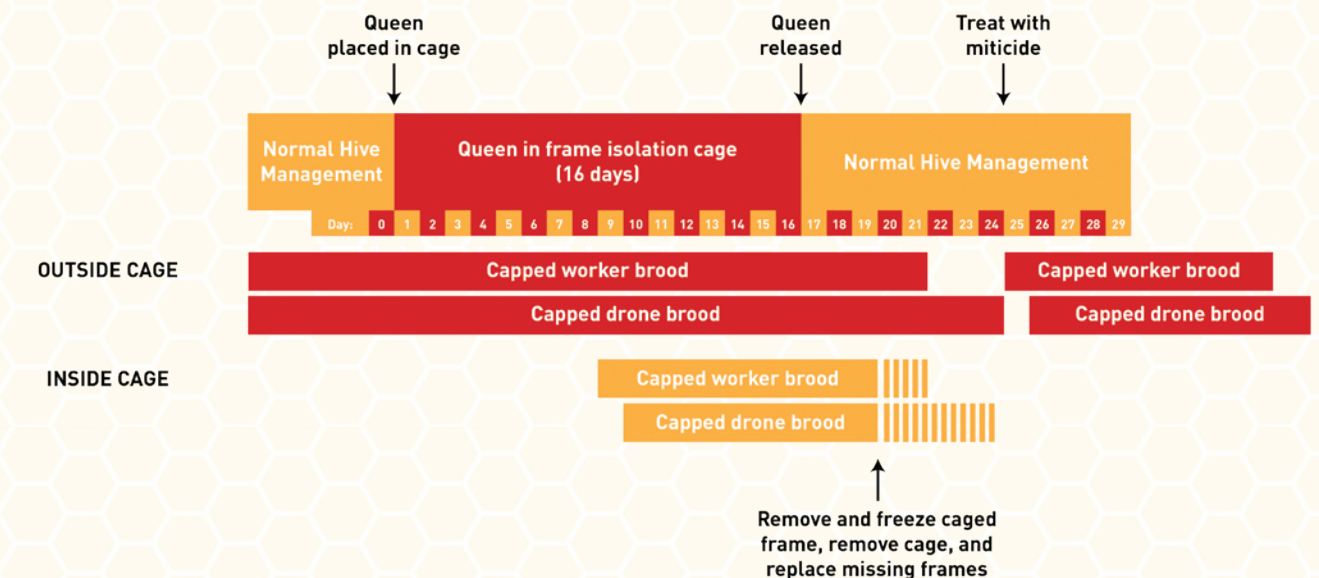
- **STEP 4A:** Remove the frame of capped brood from inside the cage and freeze it for a few days to kill mites (and brood).
- **STEP 4B:** Treat the colony with a miticide. You can use vaporized or dribbled oxalic acid or a single pad of Formic Pro to kill the exposed mites. (You can even use Apilife Var or Apiguard if there are no honey supers on the hive.)

The diagram on page 79 shows a simple timeline for caging the queen for 14 days, removing the caged frame on Day 19 or 20 of the manipulation, and treating the colony with miticide on Day 23. This simple method may give acceptable mite control, at the expense of some bee population growth.

However, before you try the method shown above, remember an important detail: Drone bees take longer to develop than worker bees. This means that the more drone brood you have in your colony, the more mites will be able to avoid this treatment by hiding in drone cells. If you try this method during a nectar dearth later in the season, it's possible the bees won't have many drones. However, if you want to try these manipulations in the middle of drone production, you may have better luck working from a second, more complicated diagram.

In this diagram, you will cage the queen for 16 days, remove the caged frame on day 19 or 20, and treat the colony with miticide on Day 24 or 25. (Caging the queen even longer would provide a wider gap between brood generations, but the benefit may be quite minor.)

This method provides multiple layers of mite control, and they synergize together to help reduce mite levels. Interrupting brood production in the hive slows colony growth, but also interrupts mite reproduction. Removing the "trap frame" of capped brood from the isolation cage will remove mites that rushed into the only open brood that was available. Treating the colony when there is no capped brood (worker or drone) means that no mites will be protected from the treatment.



The cost of sacrificing the brood on the cage frame is certainly worth considering. 7000 worker cells fit on a deep frame, so up to 7000 workers may be lost. However, killing the mites trapped inside those cells may make the sacrifice worth it. The growth of the bee population will be stalled by this entire procedure, so you should only attempt this method when you don't need your colony's population to grow for a while (e.g. at the beginning of a long nectar dearth in your area.)

Tweaks and modifications

You can install a completely full frame of honey into the frame isolation cage. This will allow the queen to wander freely, but she won't be able to lay eggs. However, then she won't be laying eggs and producing brood pheromones continuously.

You can install the queen onto a frame that contains all (or just a lot of) drone comb. If she produces a batch of drones, they will be extra attractive to the mites looking to reproduce. Is it possible the smell of a queen only laying drone eggs for two weeks might make the colony think she's running out of stored sperm? Perhaps. When she's released and starts laying worker eggs throughout the hive, you'll need to make sure the bees don't try to supersede her in the next few days. Using a cage that can hold two (or more) frames gives you added power in controlling mites, as you can swap frames in and out while the queen is caged to remove capped brood and give her new empty cells to lay in.



This is an excerpt from a longer article that appeared in our monthly newsletter. Scan this QR code for the full article.

THINGS TO DO IN SPRING

> **CHECK** for hives that may be low on honey; if necessary, **FEED** a 1:1 syrup if above 55° F (1:1 means syrup made of half white granulated sugar, half cool water). If your bees need to make new comb, keep feeding throughout the spring to help them make wax.

> **INSPECT** each hive, preferably when the temperature is at least 60°F to avoid chilling brood.

> Check for **BROOD** in each hive and consider **COMBINING** queenless colonies with strong, queenright colonies.

> **REMOVE** mouse guards and **CLEAN** bottom boards. If the bottom brood chamber is empty, **REVERSE** the boxes, placing the empty box on top.

> Begin inspecting regularly, and make sure your bees don't get overcrowded and begin preparations to swarm.

THINGS TO DO IN SUMMER

> Make sure to keep good **RECORDS** of your hive inspections and what you did and observed. Also, note the weather and what's in bloom in your area.

> **ADD SUPERS** to colonies as needed. Put on the first super when you first see dandelions. During the main honey flow err on the side of too many supers rather than too few.

> **CHECK** mite levels every 3-4 weeks. **TREAT** if mite numbers exceed 6 in a sugar roll or alcohol wash, or if they exceed 9 mites daily on a passive sticky board drop. By controlling mites, the bees will be able to live all season with few mites and the dangerous viruses they transmit.

THINGS TO DO IN FALL

> Take supers off and **EXTRACT HONEY**. Be sure to leave plenty for the winter. Consider purchasing a **HIVE SCALE** to weigh your hives to ensure adequate stores.

> **APPLY** mite treatments now, especially if you have not already treated. The goal is to reduce mite levels so that the "winter bees," the

bees produced from the last few rounds of brood, are not injured by mites and are healthy enough to survive until spring.

> **COMPLETE FEEDING** (if feeding is needed) by mid-fall. Feeding should be completed while daytime temperatures are still in the 50s (F). There are several different types of feeders available.

THINGS TO DO IN WINTER

> **ASSEMBLE** new equipment. **PAINT** the exterior of any new boxes, whether wooden or polystyrene. Use 2-3 coats of exterior latex paint.

> **CHECK HIVES** on the warmest days. **FEED** if you see bees are just under the inner cover hole (they have no further room to move up, indicating honey stores are low). To feed in cold weather, remove the inner cover, add a shim, and add winter patties, fondant, or plain dry granulated sugar poured onto

newspaper. **DO NOT** feed sugar syrup if daytime temperatures after feeding will be under 55° F, because then bees can't fly to relieve themselves.

> **ORDER BEES** for increases or replacements. It's best to order before mid-February since supplies can run out quickly.

> Try making **CREAMED HONEY, CANDLES, SOAPS, OR SALVES** from your honey and beeswax as gifts or new products for your customers.

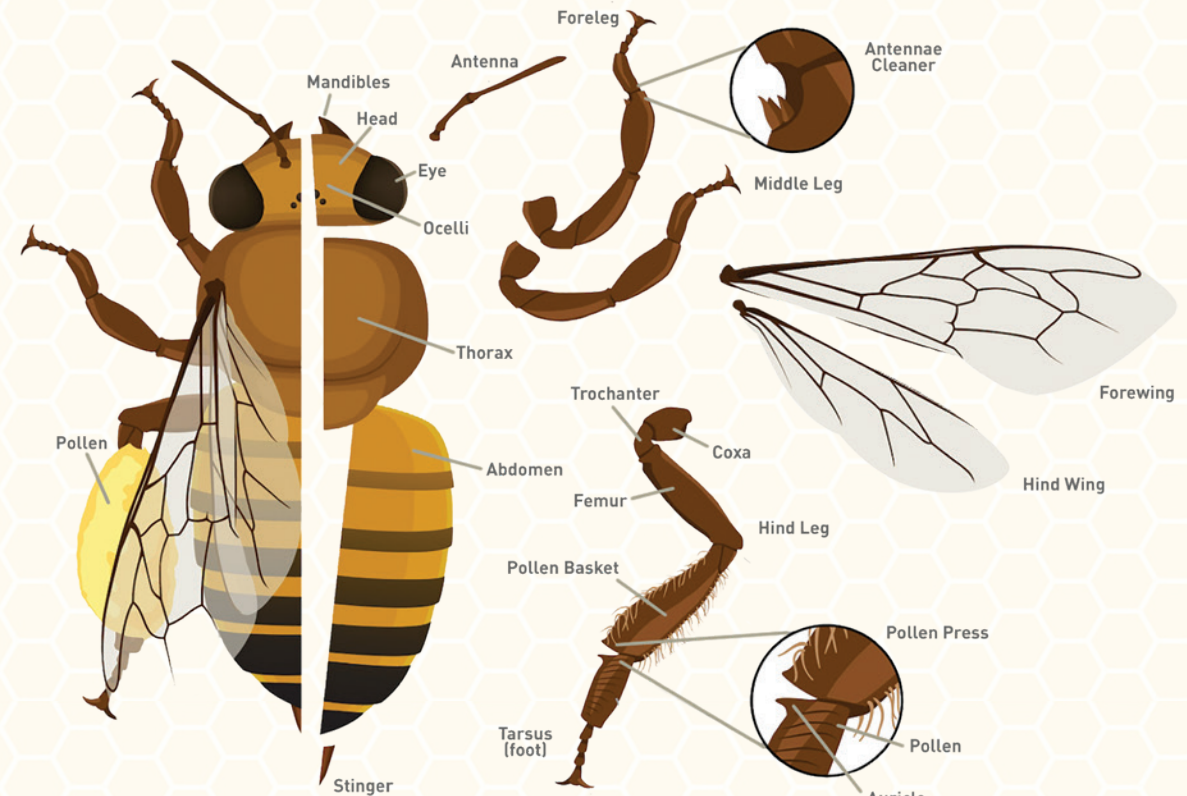
10-POINT PRE-WINTER CHECKLIST

Follow the processes and steps outlined in this hive inspection and winterization checklist as you prepare your bees for winter.

- Top Feeders OFF:** Remove any top feeders, including any boxes that surround them.
- Entrance reducer installed with the notch upwards:** Turning the entrance reducer notch upward will help keep the entrance open even if there is a layer of dead bees on the floor of the hive.
- Mouse guard ON:** As the bees start to cluster together, they stop guarding the entrance, so mice can slip inside and wreak havoc.
- Queen excluder OFF:** Leaving a queen excluder in place under a super full of winter stores could trap the queen underneath it when the bee cluster migrates upwards.
- Make sure the comb in the top box is full of honey (or syrup):** Remove any boxes full of empty frames.
- Consider some form of upper entrance:** Upper entrances allow excess moisture to exit the hive and make for easy "cleansing flights" on warmer days.
- Foam insulation panel tucked up inside the telescoping cover:** Insulation up inside the cover helps keep the interior of the hive warmer and drier.
- Consider insulating the sides:** Use a winter hive wrap, or make your own from foam insulation panels.
- Hive strapped or weighted down with a rock or bricks:** Make sure the cover can't blow off in a storm.
- Hive tipped slightly** to allow any pooled moisture to drain out.

BEE ANATOMY EXPLAINED

Thank you to the Arizona State University Ask A Biologist program for this anatomical diagram (© Arizona Board of Regents / ASU Ask A Biologist, creativecommons.org/licenses/by-sa/3.0/). Visit askabiologist.asu.edu/honey-bee-anatomy for even more helpful diagrams and information.



BEE ANATOMY DEFINITIONS

MANDIBLES: Strong outer mouthparts for chewing and that help protect the proboscis (tongue)

OCELLI: One of two types of insect eyes used to detect motion

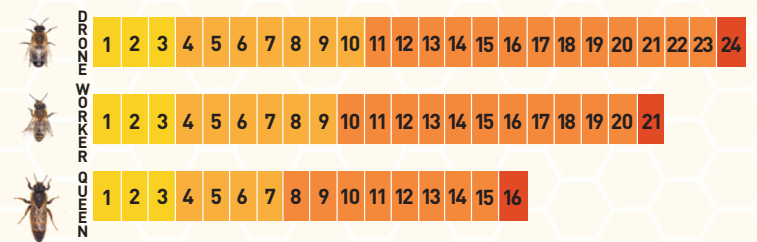
THORAX: Midsection where the 6 legs and 4 wings attach

ABDOMEN: Hind part of bee and where the stinger is located; contains digestive and reproductive organs

HIND LEGS: Legs farthest from the head. In workers, these legs have a unique set of tools used to collect and carry pollen called the press, brush, and auricle

TARSUS: Last segment of the leg and what touches the walking surface; features a claw at the end

HONEY BEE LIFE CYCLE FROM EGG TO NEW BEE



Period as an egg	Period as an exposed larva	Larva matures, spins cocoon, and pupates in capped cell	Fully matured bee emerges
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GETTING STARTED

MAKING BEESWAX CANDLES

To make your own beeswax candles, the first thing you need is a source of beeswax. Whether you render it from your own cappings or purchase it from another source (like Betterbee), it is best to have nice clean wax without particles or bits of honey. These particles can cause your candles to burn unevenly and can clog your wick. If you have your own beeswax but it's dirty, one option for cleaning it is to place the wax in a pot of water (but not an aluminum or iron pot), bring the water to a boil, and allow it to melt. Once the wax has melted, remove it from the heat and let it cool. Remove the wax from the water. You will be left with three distinct layers: water, honey and debris, then wax at the top. Scrape off the layer of debris. Another option is to use a slow cooker. Check out how to do that in the tip below.

SUPPLIES NEEDED TO MAKE CANDLES



You will need the following supplies to make your own beeswax candles:

- > **Cleaned beeswax:** Your own or purchased
- > **Protected surface:** Brown kraft paper, freezer paper, a tablecloth, or cardboard to protect your area
- > **Heat source:** Electric hotplate, stove, or wax melter
- > **Containers to melt wax:** Bain-marie or a double boiler (one non-reactive metal pan inside another filled with water)
- > **Pyrex cups or a pouring pot**
- > **Thermometer**
- > **Heat gun or blowdryer**
- > **Proper wick size** (see column to the right)
- > **Molds:** Aluminum votive molds, polyurethane, or silicone rubber for figure molds
- > **Wicking needle** (if using polyurethane molds)
- > **Rubber bands**
- > **Silicone mold release spray**
- > **Bobby pins (large)**
- > **Spare 6-7" frying pan**
- > **Apron** (optional)
- > **Essential oils** (optional)

WHICH WICK SHOULD I BUY?



We offer just about every type of wick that any candle maker would want or need. The wicking sizes listed below are suggestions based upon our own personal experience.

Note: Wicking sizes listed are for beeswax only. Using paraffin can change wicking size. Doing a test burn of a sample candle will show you if a wick choice is a good choice.

If you are making **votives:**

- > **Use 51-32 Zinc Core Wire**

If you are making **rolled tapers up to 1 inch wide**, or very thin tapers:

- > **Use 2/0 Square Braid**

If you are making **molded tapers:**

- > **Use #2 Square Wicking**

If you are making **figures 1 to 2 inches wide:**

- > **Use 1/0 Square Braid for smaller, and 2/0 Square Braid for larger**

If you are making candles **2-3 inches wide:**

- > **Use #2 Square Wicking**

If you are making **figures or pillars over 3 inches wide:**

- > **Use a 60 ply wick**

USING A SLOW COOKER TO REFINE BEESWAX



Even if harvesting wax isn't your main focus, every beekeeper will inevitably accumulate beeswax. This how-to will walk you through cleaning your beeswax with a Crockpot™ or other slow cooker:

- > Add the beeswax to the slow cooker insert, along with several inches of distilled or rainwater.

- > Heat the wax using a low to medium setting. Check with a candy thermometer. At about 140°F it will start to melt. 160°F should be the maximum temperature. **Never heat above 185°F.**

- > Set up a kitchen strainer with a Bounty paper towel secured in it, above a clean container.

- > Pour the melted wax and water through the strainer setup.

- > Allow the wax to cool. If left undisturbed as it cools, the wax will solidify into a cake on top of the water.

- > If there's a layer of debris (slumgum) on the bottom of the wax cake, scrape it off.

- > Then, re-melt the wax cake in a Bain-Marie.

- > The wax is ready to use for candles or other crafts once it reaches about 150°F.



Scan this QR code with your phone or tablet's camera feature to read more candle making tips.

SUBSCRIBE TO THE

BETTERBEE YOUTUBE CHANNEL

The Betterbee YouTube Channel is your premier spot for videos about honey bees and beekeeping.



How to Feed Honey Bees in Fall and Winter



How to Deal with Crazy Comb



Finding and Marking Queen Bees



How to Use Formic Pro to Fight Varroa Mites

TAKE A CLASS WITH BETTERBEE

Education is central to our mission. Most classes will have both in-person and online offerings this year, so you can come see us or learn about bees from the comfort of home. For more information on the classes below, or new classes and workshops (honey extraction, making beeswax candles or cosmetics, etc.) keep an eye on our website at betterbee.com/classes.

- > **Beginner Core Course:** The foundation of successful beekeeping is knowledge, and our Core Course curriculum gives you everything you need to get started with bees. It's also great for beekeepers with a bit of experience who want to go "back to basics" and learn everything from the beginning.

- > **Hands-On In-Hive Course:** Join us in our teaching apiary monthly, May through September, where our expert beekeeping instructors will help you conduct a hive inspection, a mite check, and discuss anything else that you're curious about. This is the hands-on "laboratory" portion of our core class, but is suitable for beekeepers of any skill level who want to come join us in our hives.

- > **FREE ONLINE IN 2025! Our beloved Seasons of Beekeeping series:** Join us just before Spring, Summer, Fall, and Winter arrive to discuss what the upcoming season will bring to your bees. Get a head start on seasonal prep before the season begins. Join us for all four free online presentations, and get a complete year of beekeeping education.

- > **Focus on: Varroa destructor:** Learn about Beekeeping Enemy #1, the varroa mite. In this one-session course we'll learn the basic biology of these horrible parasites, before teaching you how to kill them to keep your bees healthy.

- > **Deep Dive: Varroa destructor:** Join our resident mite scientist Dr. Peck for two online presentations that delve deeply into varroa mite history and biology, as well as new (and old) tools and techniques for their control. We'll also explore ongoing work on breeding mite-resistant bees. This course is intended for advanced learners, looking to spend multiple hours learning about mites!

- > **Focus on: Swarming and Splitting:** How and why do bees swarm? How can you convince them not to? How can splitting your colonies (essentially a "managed swarming" that you control) help you grow your hive numbers?

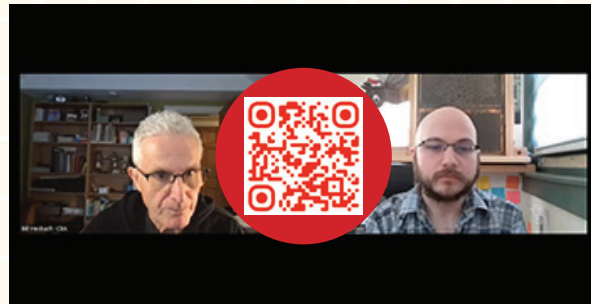
- > **Queen Rearing at Betterbee:** This team-taught in-person course is a favorite of students and instructors alike. Join us for a weekend seminar that begins with the basics of queen rearing, then lets you try all the techniques required to produce your own queens. Great for aspiring queen sellers, or for experienced beekeepers who just want to learn something new.

MOISTURE VS. INSULATION VS. VENTILATION IN WINTER: UNDERSTANDING THE CONDENSING HIVE CONCEPT

Betterbee is happy to explain the concept of Condensing Hives, but we do not believe that this is necessarily the right winter management plan for all bees in all regions. Consider these concepts, then use your judgment in managing your own hives.

As stewards of our bees, it's our responsibility to do no harm, and also study bee biology so we can assist the bees in any way we can. Each year, the approach of winter's cold leaves some beekeepers scrambling to offer the right kind of help. From late fall to early spring we may wonder, "Are they alive? Was there anything more I could have done?"

If your bees are preparing for a freezing cold winter, learning how heat, air, moisture, and bees interact during those months is critical. In an interview between Dr. David Peck and Bill Hesbach, some of this becomes clearer. Bill, an EAS Master Beekeeper and President of the Connecticut Beekeepers Association, has been an advocate of the concept of the Condensing Hive for many years. It doesn't involve fancy (and expensive) new gear, but simply a way to use our knowledge of heat transfer and physics to keep heat, moisture, and air just where the bees want them.



Moisture is natural

The first step to grasping this whole Condensing Hive idea is to realize that bees normally create a lot of moisture in the hive, just by living. Their bodies give off moisture as part of the process of digesting their food and by breathing, much like we do. If you camp out in a truck bed with a cap on it on a cold night before a hike, the inside of the truck cap will be fogged and possibly running with moisture in the morning. That's condensation forming on the cold surface as warm moist air contacts it.

This also happens inside a hive with live bees. Rather than heating all the air and contents of the hive, they mainly just heat their own bodies and the region of frames within their ball-shaped cluster. By vibrating their flight muscles and eating honey, our bees can make it through a long cold winter. The center of the cluster may be 80-85°F in mid-winter and 95°F when brood is being raised, but the bees on the outer shell of the cluster might be more like 50°F. Some heat does inevitably rise up and out of the cluster though, to become a heat dome. The air in the heat dome is warmer and contains more moisture than other air in the hive. When the heat dome's air touches a cold surface, condensation forms on that surface.

If the surface that the warm moist air touches is the ceiling (usually the inner cover) over the bees, there's a chance the droplets condensing there will later drip back onto the bees. Or the moisture may freeze for a while and collect into an ice layer, and later melt and drip a lot! How can we help our bees avoid this cold rain inside their home?



Insulation, especially rooftop insulation

The next key to The Condensing Hive model is insulation, with top insulation being especially important. Most hives are milled lumber, with an R-value (insulation value) of 1 or less. Even polystyrene hives have just an R7 value at the top and sides. Bees in the wild live inside hollow trees, which may have 3-7 inch thick walls (insulating value of R3 to R7) and a whole tree's worth of wood above the colony's cavity (with an R-value we can't even guess). The natural hive is insulated, particularly on its roof.

By using rigid foam insulation between your inner and outer covers, you can take the most basic step toward changing the cold surface above the cluster into a warmer surface. You can use more than one layer if you like. Or you could create your own box filled with fiberglass insulation, wool, or another insulating material. The most insulation we know of for a hive cover is the BeeSmart Duo with a value over R10, due to the thick inner cover insulation plus the airspace within the outer cover.

Condensation is fine - in the right places

Roof insulation keeps the top of the hive from becoming cold,

which means that warm moist air rising above the cluster doesn't condense on their ceiling but instead forms a vapor plume that rolls outward and condenses on the cooler walls. Moisture on the inside walls or on frames away from the cluster is fine since bees cluster in the middle of the hive. It's also good because when they have slightly warmer days and can move around inside the hive, they lick up that dripping water and consume it. Bees need water! It helps them eat their honey and is needed when they start raising brood before spring. It may still be too cold for flights, but they can collect moisture indoors.

Bees during warm months always have water being brought into the hive from water forager bees. Some beekeepers see moisture on the inner cover, and the walls, or trickling out the front entrance of hives in winter and feel that something must be wrong. However, it's perfectly natural. The unnatural part of the picture is artificial hives, which lack the shape and insulation level of a hollow tree.

Wall insulation counts too

Rooftop insulation prevents dripping condensation above the cluster, but insulating wraps also help to contain heat.

We've discussed top insulation, but adding insulation to the hive walls is also common as winter prep. Folks with polystyrene hives never "remove" their insulation. Insulation can't hurt anything, and just brings hives a little closer to their natural home in thick-walled tree trunks. But whether you wrap a wooden hive with a Bee Cozy Winter Hive Wrap or a Vinyl Coated Wrap or something homemade, be sure to keep it on until spring nights warm up. Late winter/early spring with its huge fluctuations in temperature can be quite stressful on a colony at its lowest population size, raising early rounds of temperature-sensitive brood.

Ventilation: Going against the trend

The most controversial aspect of the Condensing Hive concept is its recommendation that the hive has no upper hole(s) where hive gasses can exit. Many beekeepers (including some Betterbee beekeepers!) use the notch in the inner cover as an upper air/bee exit or drill a half-inch hole in the front wall of an upper box. Other people use small wedges on the upper surface of the inner cover to raise the outer cover a tiny bit. Ventilation is often considered critical for overwintering bees, but it may not be all it's cracked up to be (say advocates of Condensing Hives).

When beekeepers check their hives in spring and discover that one of their colonies has died, they are often quick to blame moisture, since the bees and frames are wet and may be moldy. However, unless condensation is raining down on the cluster, bees and combs should remain dry and mold-free in a winter colony. It's only after the colony dies that moisture from decay soaks their bodies and mold is free to grow. It's easy to see why beekeepers started ventilating hives aggressively to keep their bees dry in winter. Strangely though, in recent years Professor Tom Seeley has written and spoken widely about his decades of research on bees in trees, and the fact that bees in nature don't have upper holes, just one low entrance.

The ideal Condensing Hive has none of this upper ventilation, and Bill Hesbach compares a hive's upper hole to a person leaving a 2nd story window open a bit all winter. When the outside temperature is colder, there would be a constant outward flow of warm air. Logically this means that as some heat (produced by the furnace with expensive fuel) is being lost, more fuel is needed to maintain the home at the desired temperature.

For the bees, their expensive fuel is the honey they created and stored away during summer. If a stream of warm air from the heat dome above the cluster is lost all winter, more honey must be eaten during those months to keep the colony at the same temperature. Will there be enough to make it to spring? If varroa mites and

mite-related viruses are under control, the next biggest threat to overwintering bees is starvation, and anything to help bees conserve "heater fuel" will help them.

Winter bees like a stuffy house

With high ventilation, carbon dioxide is also flowing out of the hive. Normally, a high concentration of CO2 helps keep the colony in a dormant state. The Condensing Hive model suggests that the loss of CO2 keeps bees too active throughout the winter, with a higher metabolic rate compared to a hive without upper ventilation. This is a second way that ventilation can make the hive consume more energy (honey) than necessary.

Condensation recaptures energy

A third thing that flows out of that upper hole is energy, trapped inside the very moisture that some beekeepers are trying to get rid of. When water vapor floats away through the upper hole, both the water and the energy contained within it are lost. If that water vapor is kept inside the hive, and allowed to condense on the walls, latent heat would be released within the hive. This means that forcing condensation to take place inside the hive releases a great deal of heat energy back to support the colony, instead of venting it off to the environment.



This is an excerpt from a longer article that appeared in our monthly newsletter. Scan this QR code for the full article.

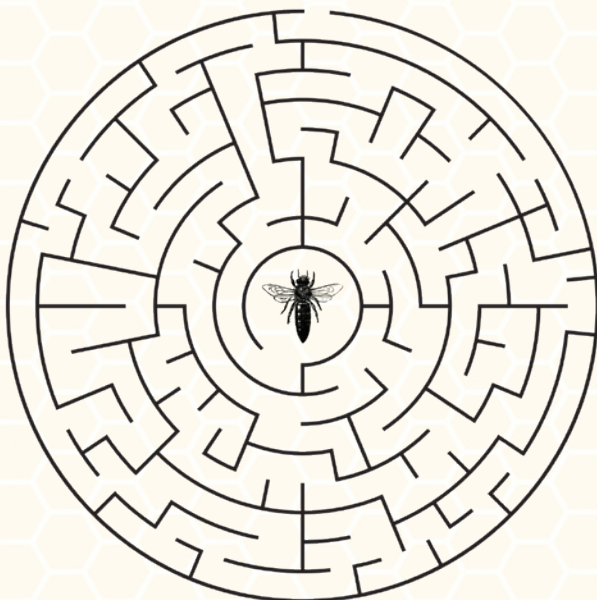
HONEY BEE WORD SEARCH

G C Y Y G P E V I H E E B Z M
 P E N D F H O N E Y L A B E L
 W Q C V R W U Q F E I H R Y Z
 H L Z C O A B K U N E O O Q V
 J F U E N V O E C G V N O N X
 F P N E I U O B T U Y E K S A
 A R E M A E R C M T G Y E C W
 X U B K Z C O X P O E P X T S
 Q U I N N A O Q N N T R F P E
 N S V V P O L L E N X T B A E
 U J H S S E L D N A C F O E B
 G N I P E E K E E B F W Z B E
 R O T C A R T X E V M O Y N Q
 A W W H Q V S X H K O C D Y Q
 H D T D K B E T T E R C O M B

WORD LIST

BETTERBEE	CREAMER	BEESWAX
VEIL	BETTERCOMB	POLLEN
HONEY	BEEKEEPING	QUEEN
CANDLES	EXTRACTOR	BOTTOM BOARD
BEEHIVE	HONEY LABEL	

FIND YOUR WAY TO THE QUEEN



JOKES FOR BEE LOVERS

What kind of hairstyle does a bee have?

A buzzcut.

Why did the workers kick all the male bees out of the hive?

It was fall and the males were droning on and on.

Why did the bee go to the dermatologist?

It had hives.

Where do worker bees go on vacation?

Sting-apore.

What's more amazing than a talking dog?

A spelling bee.

What's black and yellow and flies at 30,000 feet?

A bee on an airplane.

ALL BUZZED UP WORD SCRAMBLE

YOCLNO _____
 WRSMA _____
 RSEINTG _____
 EAEOWWRDNO _____
 UNIADNTOFO _____
 EBEEEEPRE _____
 VRARAO EMTI _____
 TAJKCE _____

SPOT THE MITE SCAVENGER HUNT

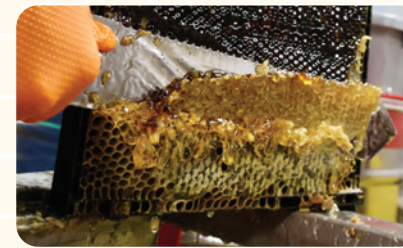
Warning! Extremely high mite count!
 Spot the ten varroa mites hidden
 throughout this catalog.
 Cross them out to save your bees!



✓ **Harvesting honey is a sign of a good year!** How do you handle that honey up in your supers? There are several ways you can harvest your honey, uncap your frames, extract the honey from the frames, strain the honey, and bottle it. You may also want to process excess wax you've collected. Here's a breakdown of your options as you read through these pages.



1. HARVEST: There are three main ways to harvest your honey: by brushing one frame at a time, with a Triangular Escape Board, or with a fume board. An escape board is essentially a "door" you put on your hive. The bees walk out of the honey super and cannot find their way back, clearing it of bees in about 24 hours. A fume board has a more immediate effect. It is lined with a cloth insert and you spray one of two bee repellents (Bee Quick or Bee-Go on **page 88**) onto it.



2. UNCAP: "Uncapping" refers to removing the thin beeswax caps on the cells of honey. Cappings can later be used to make candles. While uncapping, try to do as little damage to the cells as possible. The comb will be reused by the bees the next time they are given supers, and they'll refill the comb way more quickly than when they first had to create comb on foundation! Many uncapping devices are available: scratchers, rollers, knives, planes, and uncapping machines.



3. EXTRACT: This is the process by which you remove the honey from the frames using centrifugal force with a honey extractor. This is by far the fastest method if you have more than a few frames to harvest. Beekeeping clubs often have extracting parties or an extracting kit you can borrow. We carry a wide range of extractors from 2 frame hand crank models up to 88 frame electric models.



4. STRAIN: Honey will typically need to be strained to remove wax, propolis, and the occasional bee part. Stainless steel sieves or a mesh material such as nylon will work well for small amounts of honey. This straining process still allows much of the pollen to pass through - a reason local honey is so often sought after to help combat local airborne allergies.



5. BOTTLE: Now that your honey is strained, you are ready to bottle. By far the easiest way for the beginner to bottle is to use a plastic bucket with a gate at the bottom. Using gravity, you can easily fill the containers you wish to sell, give away, or keep! When your honey sales have grown, consider buying a heated bottling tank and perhaps, an automatic filler.



BEE-GO Repellent

BEEG1 1 Pint\$25.69
BEEG1GAL 1 Gallon \$158.49

- A pungent scent that quickly chases bees from honey supers on warm or hot days
- For use with fume board

FISCHER'S Bee Quick®

BQ2 8 oz.\$18.49
BQ1GAL 1 Gallon \$185.00

- Natural product with no offensive odor, works quickly and effectively to remove bees from honey supers
- For use with fume board

SUREGRIP™ Uncapping Fork

CAS1 ①\$8.89

- Inexpensive uncapping tool
- Good for sampling drone brood but not for uncapping frames for years

ULTIMATE Uncapping System

BSU1\$21.89
CASU ② Slicer Only \$6.89

- Use with any 5 or 6 gallon food-grade plastic bucket to make a convenient uncapping tank
- Groove in bottom fits into rim of bucket

PULL Uncapper + Scratcher

CAS7 ③\$25.69

- Triangular guide ensures the tines do not dig in too deep as you uncap
- Scratcher tip acts as a regular uncapping fork to clean up edges

DELUXE Uncapping Fork

CAS3 ④\$30.89

- Made from a solid piece of stainless steel
- Features a built-in scraper, used to scrape frame tops and bottoms

UNCAPPING Roller

UR1 ⑤\$19.89

- 4" wide roller made of sturdy food grade plastic
- Plastic spikes roll over and break each cell

COLD Uncapping Knife

CUK2 ⑥\$33.89

- Sharp uncapping knife with an offset handle and a center ridge
- Designed specifically for cutting the wax cappings from a frame of honey

PIERCE ELECTRIC Uncapping Knives

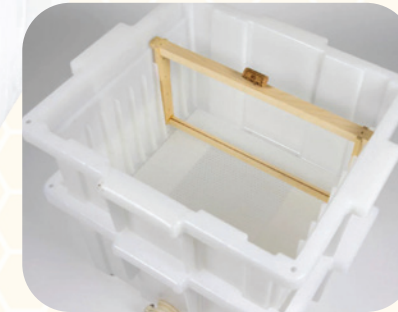
UK2 Electric Uncapping Knife\$174.89
UK3 ⑦ Speed King Knife.....\$194.89

- American-made by Pierce, both knives are heated to warm wax cappings for easy removal
- Made of high grade #304 stainless steel
- Turned wood handle stays cool to the touch
- The Pierce Speed King features adjustable heat input with an electrical control unit
- 120V AC power supply required

ELECTRIC Uncapping Plane

UP1 ⑧\$229.00
UPB1 Replacement Blade.....\$29.69
UPE1 Heating Element\$53.49

- Heavy-duty, ergonomically designed 120V electric uncapping plane
- Turn off when not in use to prevent burning honey on the blade



HIVE BUTLER System

HVBUCTK Uncapping Tank\$225.00
HVBTOTEK Hive Butler Tote\$112.00
HVBTOTESTK Storage & Transport.....\$123.00

- Check hives, collect swarms, store frames, or uncap honey! These food-grade, heavy duty totes are able to hold up to 10 Langstroth frames (any size) securely until you are ready to transport or extract them. The options are endless with this system! Explore more on our website.



Uncapping Tank

UCT1 Uncapping Tank\$92.00
UCTCOVER Cover\$12.50

- Prefilters honey through an included metal grate before it leaves the honey gate
- Rest your frames on the wooden crossbar while you uncap
- Tank holds 15 gallons of cappings
- Features a 1-1/4" plastic honey gate



HONEY SUPER Drip Tray

ST1\$39.89

- Hive bodies fit perfectly inside the heavy-duty, 1/4"-thick food-grade tray
- Prevents honey from dripping on the floor
- Fits both 8 and 10 frame supers



Triangle Escape Board

EB10 Triangle Escape, 10 Frame ..\$21.59
EB8 Triangle Escape, 8 Frame\$21.59

- Place this board triangle side down between the supers and the brood chamber
- The bees can easily leave the supers but cannot find their way back in
- Leave on for no more than 24 hours
- Comes fully assembled



Frame Deboxer Shim

FRAMELIFT10 10 Frame\$5.95
FRAMELIFT8 8 Frame\$5.95

- Set this deboxer shim on a firm surface, put a full super on it, and bang the corners of the super down with a rubber mallet
- All frames will be lifted out as the box goes down



Fume Board

FB10 10 Frame\$18.89
FB8 8 Frame\$18.89

- Apply a thin X of Bee-Go or Bee Quick across the felt on the underside of the board, then place it on top of your honey supers
- After 5 minutes, you can remove your super
- Works best on a sunny day

LYSON UNIVERSAL Uncapping Tank

LYHPW4045K Universal Uncapping Tank

- Meant for beekeepers who want a high-quality, self-supported uncapping tank
- Features a removable grate that sits 2" above the floor of the tank, allowing honey to collect and drain; a stainless steel honey gate welded to the bottom of the tank, allowing for easy pouring into a 5 gallon pail; and four adjustable steel legs that securely bolt to the tank walls
- **Note:** This item ships via FedEx Ground, reducing ship cost



LYSON STEAM-HEATED Table-Top Uncapper

LYHPW20960LNK Table-Top Uncapper

- Sits on top of the Lyson 39" and 59" uncapping tanks (see below) as well as the Lyson Manual Uncapper (see [page 91](#))
- A frame sits in the carriage and is manually pushed through the heated knife
- Cappings are sliced off one side at a time and drop into the tank
- The blade is steam-heated by a small 1500W, 120V wallpaper steamer (240V also available)
- After filling the steamer with water, it takes about half hour to boil
- The steam passes through the knife and keeps the wax and honey from accumulating on the knife
- The steamer will last about 2 hours between fillings



LYSON 39" AND 59" Uncapping Tank

LYHPW40460CLAK 1,000mm Tank with or without Cover
LYHP1500MMUTK 1,500mm Tank with or without Cover

- Uncap your honey frames directly into this reinforced stainless steel tank and/or use this tank to hold your uncapped frames before they go into the extractor
- The removable baskets hold the cappings off the bottom of the tank, allowing them to drain
- Features stand for holding frames while uncapping and a trapezoidal bottom for added strength
- Available with or without a stainless steel cover
- 1,000mm holds 28 frames; 1,500mm holds 40 frames
- **Want to add an uncapper head in the future?** See our upgradeable uncapping tank on [page 91](#)!



LYSON MANUAL Uncapper

This machine is simple, efficient, and cost effective for the serious hobbyist. Each frame passes between two oscillating, steam-heated knives that neatly slice off the cappings. The cappings drop into the tank below where honey drains through a sieve and honey gate. This uncapper has the following features:

- Uncaps shallow, medium, and deep frames with small adjustment required between sizes
- Includes a 120V wallpaper steamer to keep knives hot (240V available)
- Requires two 120V outlets for the drive motor and steamer
- Includes Manual Feeder, Steam Heating System, and Unheated Cappings Tank
- Holds over 30 uncapped frames ready for extracting
- Mounted on wheels



If you would like a large capacity uncapping tank but aren't sure whether you want the manual uncapper feature, you can now order the tank pictured here and the uncapping head separately. Order the tank, then upgrade in the future!

Manual Uncapping Tank Only (No Uncapper):
LYHPW4046K Tank Only

Full Manual Uncapper (Uncapper and Tank Included):
LYHPW20960K Manual Uncapper & Tank
LYHPUNCCOVER Heavy Duty Cover

Manual Uncapping Head Only (No Tank):
LYHPW2096K Uncapper Only

LYSON AUTOMATIC Uncapper

The Lyson hot water uncappers are meant for continuous use. A self-contained water heater and pump circulates water through the knives in a closed loop so there is no need to refill or connect an external heater. This uncapper has the following features:

- Adjustable water temperature between 149 to 203°F (we use 185°F)
- Motorized feed chain so frames self-feed while you free frames from supers
- Adjustable knife cutting depth
- Option 1 has a built-in drip tray, and all cappings are passed through a 220 lb/hr extruder (100kg/hr)
- Option 2 has stainless steel frame holding tank, perforated cappings tray, and honey gate



Option 1 with Extruder:
LYHPW20983Z w/ Extruder
LYHPUNCCOVER
Heavy Duty Uncapper Cover

Option 2 with Tank:
LYHPW2096000Z w/ Tank
LYHPUNCCOVER
Heavy Duty Uncapper Cover

Handily **compare all the different size extractors** that we have to offer, ranging in capacity from 2 to 56 deep, medium, and/or shallow frames.

MODEL	HIVES	CAPACITY	TYPE	POWER	SPEED	GEARING	TANK
Plastic Hobbyist HE2200	1+	2 Deep or 2 Med/Shal	Tangential	Side Hand-Crank	Variable	Plastic Gears	Plastic
Maxant M31002	1+	2 Med/Shal	Radial	Top Hand-Crank	Variable	Pulley	20 GA Stainless
Lyson W2019N/ W2019NBAS/ 233B/233BB	1+	2 Deep or 4 Med/Shal	Tangential	Side Hand-Crank	Variable	Steel Gears	24 GA Stainless
Lyson LYEX2019COMB02	1+	2 Deep or 4 Med/Shal	Tangential	Side Hand-Crank	Variable	Steel Gears	24 GA Stainless
Maxant M31006	5+	3 Deep or 6 Med/Shal	Radial/Tangential	Top Hand-Crank	Variable	Pulley	20 GA Stainless
Maxant M31006P	5+	3 Deep or 6 Med/Shal	Radial/Tangential	120V Motorized	Variable (Rheostat)	Worm Gear	20 GA Stainless
Lyson LYEXW2013000KN	5+	4 Deep/Med/Shal	Cassette	120V Motorized	Variable (Digital)	Pulley	24 GA Stainless
Lyson LYEXW205001G	10+	6 Deep/Med/Shal	Cassette	120V Motorized	Programmable HE-02	Steel Gears	24 GA Stainless
Lyson LYEXW2027BVF	2+	4 Frames, All Sizes	Tangential	Side Hand-Crank	Variable	Steel Gears	24 GA Stainless
Lyson LYEXW224BVF	2+	4 Frames, All Sizes	Tangential	120V Motorized	Variable	Pulley	24 GA Stainless
Lyson LYEXW229K	5+	12 Med/Shal	Radial	Side Hand-Crank	Variable	Steel Gears	24 GA Stainless
Lyson LYEXW229EK	5+	12 Med/Shal	Radial	120V Motorized	Variable	Pulley	24 GA Stainless
Lyson LYEXW2026B	2+	4 Deep/Med or 8 Shal	Tangential	Side Hand-Crank	Variable	Steel Gears	24 GA Stainless
Lyson LYEXW2033B	2+	4 Deep/Med or 8 Shal	Tangential	120V Motorized	Variable	Pulley	24 GA Stainless
Maxant M1400L	10+	10 Deep or 20 Med/Shal	Radial	120V Motorized	Variable (Slip-clutch)	Pulley	20 GA Stainless
Lyson LYEXW20430RAD	10+	8 Deep or 20 Med/Shal	Radial	120V Motorized	Variable (Digital)	Pulley	22 GA Stainless
Lyson LYEX21620M	10+	8 Deep or 20 Med/Shal	Radial	120V Motorized	Variable (Digital)	Pulley	24 GA Stainless
Lyson LYEXW230P	10+	8 Deep or 20 Med/Shal	Radial	120V Motorized	Variable (Digital)	Pulley	22 GA Stainless
Lyson LYEX21830	15+	24 Deep or 30 Med/Shal	Radial	120V Motorized	Variable (Digital)	Pulley	24 GA Stainless
Lyson LYEXW2005000P	15+	24 Deep or 30 Med/Shal	Radial	120V Motorized	Programmable HE-03	Steel Gear	22 GA Stainless
Lyson LYEX200600P	20+	42 Deep/Med/Shal	Radial	120V Motorized	Programmable HE-03	Steel Gear	22 GA Stainless
Lyson LYEXW2008000P	30+	56 Deep/Med/Shal	Radial	120V Motorized	Programmable HE-03	Steel Gear	22 GA Stainless
Lyson Mini Line	100+	40 Deep/Med/Shal	Horizontal Radial	240V Motorized	Programmable HE-03		See page 100 for full details.

✓ **Lyson and Betterbee: partners for over a decade!** Founded in 1995, Lyson is a Polish beekeeping supply company. Lyson products are sought after for their quality craftsmanship and innovative designs. Betterbee distributes Lyson products such as extracting equipment, polystyrene hives, candle molds, and much more throughout the USA.

WHAT MAKES LYSON EXTRACTORS BETTER THAN THE COMPETITION?



Built from food-grade, rust-resistant 304 stainless steel, a higher quality than other extractors out there: The drum and components on Lyson extractors aren't just rugged and durable, they are also certified food-grade and safe for health and the environment.



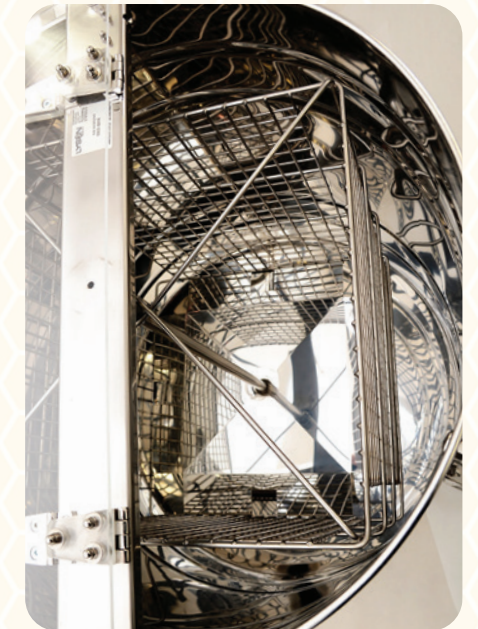
Manual extractors include a side-mounted hand-crank gearbox that allows the basket to freewheel when you stop cranking and brakes on a dime when backward pressure is applied. Manual extractors can also be converted to motorized down the road!



Motorized extractors, both large and small, feature smooth speed regulation through easy-to-use variable speed motors.



Structural and limited warranties are available on all extractors.



LYSON PRODUCT LINES

Each product line features everything from the product lines below it, **plus** what is described:



Full stainless construction; thickest reinforced steel drum and thickest acrylic cover; larger extractors feature a fully programmable HE-03-controller



Reinforced powder-coated steel frame construction; variable speed motorized controller; extractors with 30+ frame capacities hold an equal number of all-sized frames



20 x 40mm mesh size basket (more stainless used than in Minima); stainless steel honey gate with O-ring



Thicker, more durable gauge of stainless extractor basket, with more wires per inch



Sturdy stainless steel construction made of food-grade, acid-resistant stainless steel; plastic honey gate

4 FRAME TANGENTIAL EXTRACTORS



LYSON 4 FRAME BASIC Tangential Extractors

LYEX2019NBAS 4 Frame Basic Extractor with Legs
LYEXW233BB 4 Frame Basic Extractor, No Legs
LYHP3033 Replacement Honey Gate

This is the perfect extractor for anyone with 1 to 5 hives, who is also limited on space or budget. Available in both a legged and legless version. For the version without legs, place it on a bench or box to elevate the extractor during use.

- **Drive System:** Manual, steel gears, free spinning, with brake
- **Capacity:** 2 deep, 4 medium, or 4 shallow frames
- **Drum:** 24 gauge 304 stainless steel, 16" diameter (400mm)
- **Honey Gate:** High-quality plastic
- **Basket Mesh:** 35mm x 70mm
- **Warranty:** 2-year structural and limited

BASIC EXTRACTING TIPS

✓ **TWO IS BETTER THAN ONE.** Get an extra bucket to uncapping into (if you are not using an uncapping tank).

✓ **CHOOSE YOUR WEAPON.** While the uncapping knife is designed to slice through all cappings at once, but some people prefer the uncapping fork. Try both and see what you prefer!

✓ **KEEP IT BALANCED.** Distribute the weight of the frames as evenly as possible.

✓ **LEAVE IT OPEN.** Remember to leave the gate OPEN while extracting. Let the honey pour through a sieve and into a bucket, preferably with a gate to make bottling easier.

✓ **KEEP IT WARM.** Temperature does impact the extracting process. Try to keep the room you are extracting in between 80 and 90 degrees. Honey is about 95 degrees F when it's taken from the hive, and it spins out of cells better the warmer it is.



LYSON 4 FRAME Extractor without Legs

LYEXW233B 4 Frame, No Legs
LYHP3033 Replacement Honey Gate

This durable stainless steel extractor is perfect for beekeepers with only a few hives. Does not include legs and legs cannot be added.

- **Drive System:** Manual
- **Capacity:** 2 deep, 4 medium, or 4 shallow frames
- **Drum:** 24 gauge 304 stainless steel, 16" diameter (400mm)
- **Honey Gate:** High-quality plastic
- **Basket Mesh:** 35mm x 20mm
- **Warranty:** 2-year structural and limited



BETTERBEE Extracting Kit

EXKIT Extracting Kit
EXKIT2 Economy Extracting Kit

This cost-effective kit has everything you need for complete processing of your honey! Set frames on the Bee Smart Uncapper and uncapping them with the included knife and forks. Spin the uncapped frames in the Lyson 4 Frame Tangential Extractor. With this type of extractor, frames must be flipped multiple times to extract both sides. Finally, strain your honey through your choice of plastic or stainless steel sieve.

2-year warranty available on the Lyson extractor only.

Looking for an even more economical kit option? Check out the Economy Extracting Kit, featuring a 2 frame plastic extractor.



LYSON 4 FRAME Tangential Extractor

LYEX2019N Extractor w/ Legs
LYP18 Replacement Cover

This stainless steel extractor is perfectly sized for extracting frames from a few hives, with legs that allow you to work ergonomically at waist height. Its cast steel worm gear drive holds the handle stationary while the basket freely spins. Use the coaster-style braking system, similar to that on a cruiser bicycle, to easily stop.

- **Drive System:** Manual
- **Capacity:** 2 deep, 4 medium, or 4 shallow frames
- **Drum:** 24 gauge 304 stainless steel, 16" diameter (400mm)
- **Honey Gate:** 1-1/4" welded stainless
- **Warranty:** 2-year structural and limited



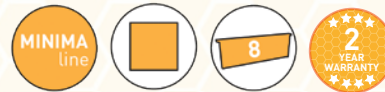
LYSON 4 FRAME Extractor Combo

LYEX2019COMB02 4 Frame Combo
LYP18 Replacement Cover

Extract and filter your honey all in one! Features the tried and true Lyson 4 Frame Extractor with a fine-mesh stainless steel filtering screen below, filtering the honey into the 150 lb. capacity stainless steel settling tank. The components of the unit are held together by latches, designed for easy cleaning.

- **Drive System:** Manual
- **Capacity:** 2 deep, 4 medium, or 4 shallow frames
- **Drum:** 24 gauge 304 stainless steel, 16-1/4" diameter (410mm)
- **Honey Gate:** 1-1/4" welded stainless
- **Warranty:** 2-year structural and limited

8 FRAME TANGENTIAL EXTRACTORS



LYSON COMPACT Tangential Extractor

LYEXW2026B Manual Tangential
LYEXW2033B Motorized Tangential

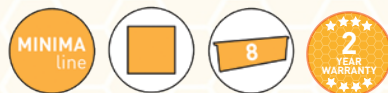
The small dimensions of this extractor make it easy to move around the honey house! The manual crank version was developed to be an upgrade from the standard 4 frame extractor we offer. It extracts frames faster due to its larger drum diameter, and can also extract four deeps at a time instead of two.

- **Drive System:** Manual or Motorized
- **Capacity:** 4 deep, 4 medium, or 8 shallow frames
- **Drum:** 24 gauge 304 stainless steel; 20" diameter (500mm); conical bottom to easily drain honey
- **Honey Gate:** 1-1/2" plastic
- **Warranty:** 2-year structural and limited

Heavy-duty 24 gauge 304 stainless steel drum

Can extract Langstroth, AZ/Slovenian, and most other frame sizes

Conical bottom helps easily drain honey



LYSON EXTRA LARGE Tangential Extractor

LYEXW2027BVF Manual for XL Frames
LYEXW224BVF Motorized for XL Frames

Extract any size frame out there! This universal frame extractor was specifically developed to extract frames larger than the standard Langstroth frames (maximum frame size: 19" x 15-3/8"). Use it to extract Langstroth, AZ/Slovenian, and most other frame styles out there.

- **Drive System:** Manual or Motorized
- **Capacity:** 4 Langstroth deep, 8 medium, or 4 AZ/Slovenian large frames
- **Drum:** 24 gauge 304 stainless steel; 25-1/2" diameter (650mm); conical bottom to easily drain honey
- **Honey Gate:** 1-1/4" welded stainless
- **Warranty:** 2-year structural and limited

12 FRAME RADIAL EXTRACTORS



LYSON 12 FRAME Radial Extractor

LYEXW2229EK 12 Frame Motorized
LYEXW2229K 12 Frame Manual
LYEXW256TANGENT Deep Tangent Adapter

Is a 4 frame extractor not enough, but you don't quite need a 20 frame? This extractor was designed to hit that sweet spot for hobbyists, handling 12 frames in a moderately-sized extractor.

- **Drive System:** Manual or Motorized
- **Capacity:** 6 to 12 medium, shallow frames, or 4 deeps tangentially with optional inserts
- **Drum:** 24 gauge 304 stainless steel; 20" diameter (500mm); adjustable height steel legs
- **Honey Gate:** 1-1/4" welded stainless
- **Warranty:** 2-year structural and limited

Additional features:

- Heavy-duty welded stainless steel basket (4 segments, up to 3 frames each)
- Clear plexiglass covers
- Heavy-duty gearbox with steel shaft and gears (manual version)
- Built-in brake: turn handle in reverse to apply brake and slow the basket (manual version)
- Adjustable height steel legs with bolt holes for attachment to floor (assembly required)
- 120V AC power supply with 24V DC variable speed motor (motorized version)



LYSON Motor Upgrade Kit

LYEXMOTORK Lyson Motor Kit

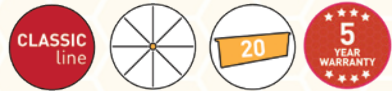
WORKS WITH ALL LYSON 12 FRAME AND SMALLER MANUAL EXTRACTORS

Purchase a manual extractor now and upgrade to a motorized extractor later. Optional shaft adapters (two) fit other manufacturers' extractors.

Includes a standard 120V grounded power cord. Installation instructions included. The plastic enclosure protects toothed belt drive and sealed ball bearings. 120V AC power supply required with 120W DC variable speed motor.

NOTE: Installing this on the 4 frame extractors requires drilling additional holes into the metal top bar.





LYSON 20 FRAME CLASSIC Extractor

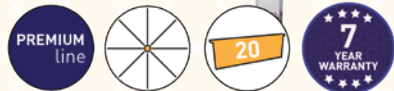
LYEX21620M 20 Frame Classic Extractor
LYP20 21620M Replacement Cover

Power through extraction! The sturdy stainless legs combined with smooth speed regulation through an easy-to-use variable speed motor make for an efficient and enjoyable extracting experience.

- **Drive System:** Motorized
- **Capacity:** 4-8 deep, 20 medium, or 20 shallow frames
- **Drum:** 24 gauge 304 stainless steel; 20" diameter (500mm); adjustable height steel legs
- **Honey Gate:** 1-1/4" welded stainless
- **Warranty:** 5-year structural and 2-year limited

Additional features:

- Variable speed 1/3 HP DC motor
- Automatic shutdown after 15 minutes of inactivity



LYSON 20 FRAME PREMIUM Extractor

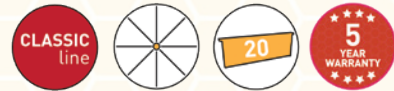
LYEXW230P 20 Frame Premium Extractor
LYP21 230P Replacement Cover

Upgrade your setup with this top-of-the-line, full stainless steel 20 Frame Premium Extractor! Features a more powerful 350 watt, 1/2 HP variable speed motor.

- **Drive System:** Motorized
- **Capacity:** 8 deep, 20 medium, or 20 shallow frames
- **Drum:** 22 gauge 304 stainless steel; 23-5/8" diameter (600mm); adjustable height steel legs
- **Honey Gate:** 1-1/4" welded stainless
- **Warranty:** 7-year structural and 3-year limited

Additional features:

- Braking system, emergency button, and stops when the cover is lifted
- Can be powered by a 12V battery or standard 120V plug



LYSON 3-IN-1 Extractor and Uncapping Tank

LYEXW20430RAD 3-in-1

It's as simple as 3-in-1! Save space and time with Lyson's extractor, uncapping tank, and vertical strainer. Uncap and move frames directly into a 20 frame radial extractor. Below, a set of stainless steel sieves strains wax cappings and settles honey. Pour filtered, extracted honey right out of the honey gate.

- **Drive System:** Motorized
- **Capacity:** 8 deep or 20 medium frames
- **Body:** 22 gauge 304 stainless steel; 47-1/4" L x 28" W x 51" H
- **Honey Gate:** 1-1/4" welded stainless
- **Warranty:** 5-year structural and 2-year limited

Additional features:

- 1/3 HP motor with 10 speeds
- 120V AC or 12V DC power supply



LYSON 30, 42, + 56 FRAME Radial Motorized Extractors

LYEXW2005000P 30 Frame Premium Extractor
LYEX200600P 42 Frame Premium Extractor
LYEXW2008000P 56 Frame Premium Extractor

Take your honey house to the next level with a larger-sized Lyson extractor! Full acid-resistant stainless steel construction of the drum, legs, and all components makes this a long-lasting and easy-to-clean piece of equipment. These premium models are driven by a sealed, inverter-driven AC motor directly coupled to the bottom end of the extractor shaft through an industrial grade gearbox.

- **Drive System:** Motorized
- **Capacity:** Extract the same number of all size frames
30 Frame: 30 deep, medium, or shallow frames
42 Frame: 42 deep, medium, or shallow frames
56 Frame: 56 deep, medium, or shallow frames
- **Drum:** 22 gauge 304 acid-resistant stainless steel
30 Frame: 32" D x 29" H (800mm)
42 Frame: 35-1/2" D x 25" H (900mm)
56 Frame: 47" D x 27" H (1200mm)
- **Honey Gate:** Welded stainless with O-ring seal
30 Frame: One 2" gate
42 Frame: One 2" gate
56 Frame: Two 2" gates
- **Warranty:** 7-year structural and 3-year limited

Additional features:

- Control the starting time, extractor speed, and duration with the fully programmable 4.3" HE-03 controller box with color LCD display
- 120V AC power supply



LYSON 30 FRAME CLASSIC Extractor

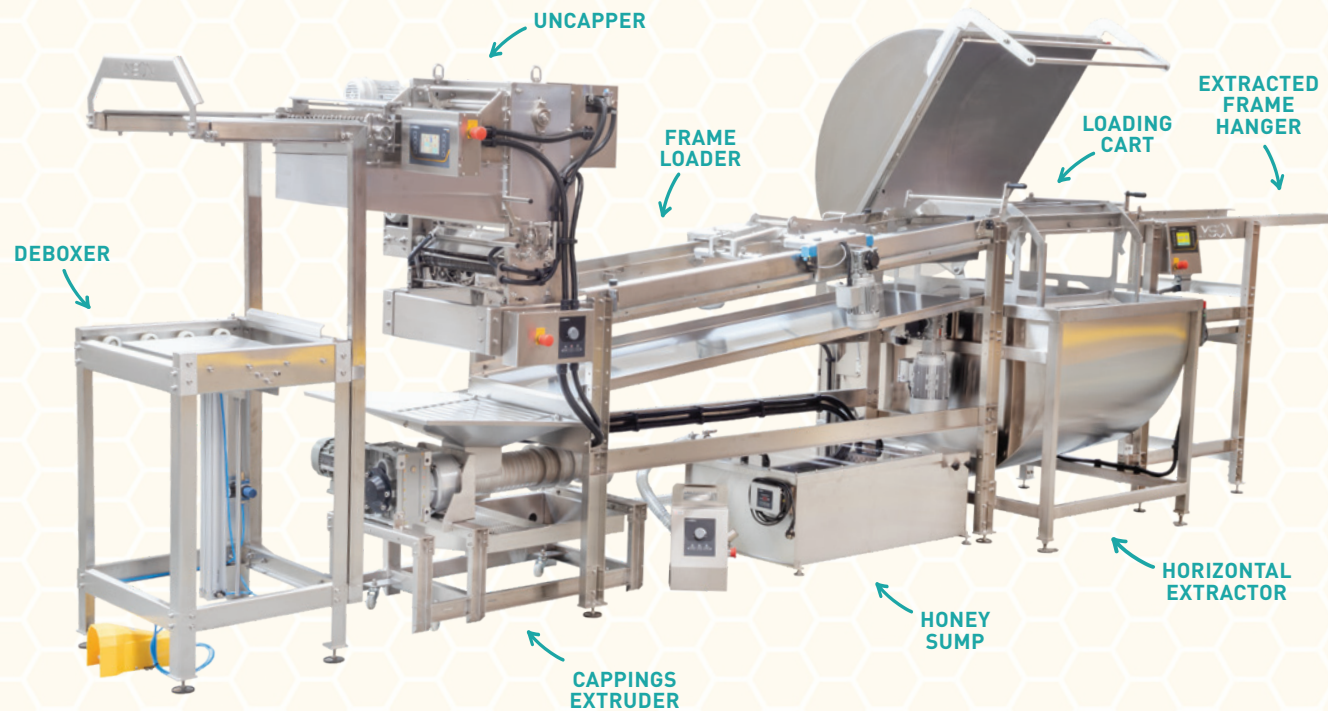
LYEX21830 30 Frame Classic Extractor
LYP23 21830 Replacement Cover

Growing your apiary and need greater capacity for extraction? This durable, programmable extractor has all the bells and whistles needed to extract multiple honey supers at a time.

- **Drive System:** Motorized
- **Capacity:** 30 deep, 30 medium, or 30 shallow frames
- **Body:** 24 gauge 304 stainless steel; 32" diameter (800mm)
- **Honey Gate:** 1-1/4" welded stainless
- **Warranty:** 5-year structural and 2-year limited

Additional features:

- Easy-to-use digital controller with indication of motor speed for the 1/2 HP DC motor
- 120V AC or 12V DC power supply



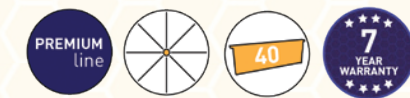
40 FRAME Mini Extracting Line

LYEXW20951P3 Premium Full Mini Line
LYEXW2096GL40 Pneumatic Deboxer

The newly-updated Lyson extracting line is the perfect solution for larger sideliners and small commercial operations to increase efficiency and decrease labor costs. Several variations are available according to each customer's particular needs and budget.

The typical line offered by Betterbee is the Premium 40 frame extracting line with extruder and electric frame cart. The line includes:

1. Hot Knife Uncapper with Rollers (Optional: Pneumatic Deboxer)
2. Cappings Extruder (220 lb./hr.)
3. Electric Frame Loader
4. 40 Frame Horizontal Extractor
5. Extracted Frame Hanger/Loader
6. Heated Honey Sump
7. Variable Speed Honey Pump



Key features:

- Extraction cycle controlled by a top-of-the-line HE-03 programmable motor controller
- 4.3" full color LCD display to access settings and monitor progress
- 7-10 minute typical extracting time
- Requires one 40 Amp 240V AC circuit to operate the entire system
- Footprint: 20' by 5'. Recommended building size (minimum): 8' by 28', plus additional space for honey tanks, pallet maneuvering, and storage
- No below-grade floor modifications needed
- Can be operated by one person

How it works:

- Optional Deboxer unloads frames from super into uncapper
- Frames automatically pass through the uncapper

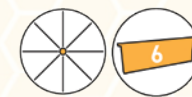
- Wax cappings drop into the extruder, which presses the honey out of the cappings and deposits compressed, ready-to-process wax into a pail
- Frames are then loaded into the 40 frame extractor using the electric frame loader
- Empty frames from the last cycle are pushed out of the extractor as full frames are loaded in
- Once loading is complete, the cover is closed and the extractor is started
- Honey from the extractor and the extruder flow into the sump at floor level
- In the sump, baffles separate the floating wax from the honey and an electronic level switch controls the honey pump that draws the honey into barrels or bulk storage

Product variations available:

- Manual Frame Cart
- Cappings Screw Conveyor
- Cappings Spinner
- Pneumatic Deboxer
- 100 frame version is also available



Maxant 3100-2 + 3100-6



MAXANT 3100 SERIES Radial Extractors

- M31002 Maxant 3100-2
- M31006 Maxant 3100-6
- M31006P Maxant 3100-6P
- M3100B Basket Upgrade Kit
- MAX3100L Leg Upgrade Kit
- M3100MK Motor Upgrade Kit

MAXANT 3100-2

- This base unit, 2 frame hand-crank extractor is made of 20 gauge stainless steel with extra stiffening support at the top and bottom
- The TIG welded conical bottom efficiently drains honey from the extractor
- Comes with a stainless steel cover

MAXANT 3100-6

- **Includes all the features of the 3100-2, plus:** Upgrades the drum to a 6 frame basket, which can hold 3 deep frames tangentially (pictured above) and 6 medium frames radially for extraction

MAXANT 3100-6P

- **Includes all the features of the 3100-6, plus:** Upgrades the drive with electric gear motor and speed control
- Can hold 3 deep frames tangentially (pictured above) and 6 medium frames radially for extraction



Maxant 3100-6P



MAXANT 1400 Radial Extractor

M1400L Maxant 1400 w/ Legs

- Motorized radial extractor made of 20 gauge #4 brushed stainless steel that holds 10 deep or 20 medium/shallow frames
- Conical bottom drains to a threaded fitting
- Motor speed is manually controlled



PLASTIC Tangential Extractor

HE2200 Plastic 2200 Extractor... \$164.79
HE2200H Replacement Handle.... \$17.46

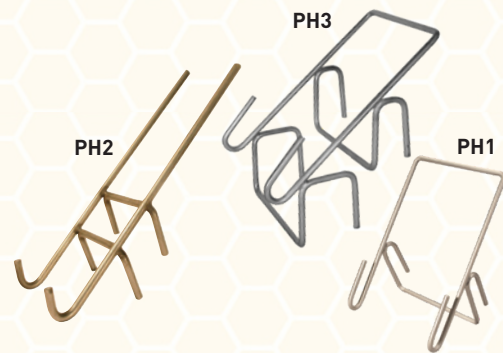
- Constructed of plastic with a stainless steel center shaft
- Holds two Langstroth frames of any size



PLASTIC Tanks + Combo

- PT60G 5 gal/60 lb. Tank Only **\$31.69**
- PTCS55 5 gal/60 lb. Combo..... **\$63.89**
- PT72G 6 gal/72 lb. Tank Only **\$34.19**
- PTCS56 6 gal/72 lb. Combo **\$67.89**

- Extract honey through the sieve and let it settle, then lift your tank onto a table or workbench for easier bottling
- Includes a 5 or 6 gallon bucket with lid and 1-1/4" plastic honey gate



STAINLESS Pail Holders

- PH1 Stainless Pail Holder..... **\$30.89**
- PH3 Lyson Pail Holder **\$32.89**
- PH2 Betterbee Pail Holder **\$39.89**

- Easily empty out the last drops of honey from a 5 or 6 gallon pail with one of these three holders

Each holder fits the following pail wall thickness:

- Stainless: Up to 3/4" thick
- Lyson: Up to 1-1/4" thick
- Betterbee: Up to 1-1/2" thick



PLASTIC + ALUMINUM Pail Openers

- PAIL1 Plastic **\$7.89**
- PAIL2 Aluminum **\$10.89**

- The fast and easy way to open 5 and 6 gallon plastic pails, or the 1 and 2 gallon feeder pails



MESH Filter Cone

- FC1 **\$18.49**

- Economical way to filter honey
- Fits perfectly on 5 and 6 gallon honey pails



STAINLESS + PLASTIC Double Sieves

- SIE2 Stainless **\$29.89**
- SIE1 Plastic **\$32.89**

- Strain your honey quickly using a double sieve
- Both fit well on 5 or 6 gallon pail and feature a coarse top sieve and fine lower sieve

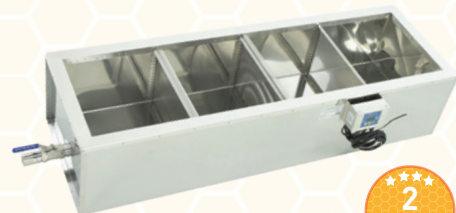


LYSON 13 GALLON Sump with Vertical Sieve

LYHPW2001 Vertical Sieve Sump



- Strain honey as it leaves extractor, or pour pails into sump as a secondary process
- Large filter area maximizes flow rate
- The wax floats to the top and can be scooped out when needed
- The lower drain can be used to supply a pump and drain the sump after use
- Sieve hole size: 3mm and 1mm



LYSON HEATED Honey Sump

- LYHPW2081A Heated Honey Sump
- LYHPW2084 Unheated Honey Sump
- FLOATSWITCH1 Sump Float Switch

- This stainless steel heated sump is equipped with perforated vertical baffles to separate wax while honey flows through the sump to the outlet
- The baffle hole size can be changed for improved wax removal
- Features heating elements and thermostat, which allows you to set the desired temperature to aid in honey processing
- Includes a 1-1/2" threaded ball valve



LYSON PREMIUM Bottling Tanks



- LYHPW71P 30L/8 Gallon
- LYHPW72P 50L/13 Gallon
- LYHPW73P 70L/18 Gallon
- LYHPW74P 100L/26 Gallon
- LYHPW75P 150L/40 Gallon
- LYHPW76P 200L/53 Gallon

- Feature a conical bottom that allows for complete draining of honey without tipping the tank
- Welded stainless steel pipe is connected to the conical bottom, leading to a sanitary fitting with stainless steel honey gate



LYSON WATER-JACKETED Bottling Tanks

- LYHPW7056 18 Gallon Tank
- LYHP7086M 18 Gallon Creamer Attachment
- LYHPW7057 36 Gallon Tank
- LYHPW7057M 36 Gallon Creamer Attachment

- Made of 18 gauge stainless steel, this tank is ideal as a honey decrystallizer or bottling tank
- Can be upgraded to make creamed honey
- Adjustable 2000 watt 240V element uniformly heats your honey
- Includes sanitary "tri clamp" fitting and honey gate

LYSON 50L + 70L + 100L Heated Bottling Tanks



- LYHP4043AK 50L (13.2 gal/159 lb.)
- LYHP4043DK 70L (18.5 gal/222 lb.)
- LYHP4043C 100L (26 gal/300 lb.)

- Heated stainless steel bottling tank can be used for bottling or decrystallization
- Digitally controlled heating elements on the interior walls and floor of the tank evenly heat the honey without the need for a water jacket
- Includes 1-1/4" stainless steel honey gate
- Temperature range: 86°F (30°C) to 131°F (55°C). 120V power required. 240V power available by special order.



LYSON 50L Bottling Tank

- LYHP7034RU 50L/13 Gallon with Plastic Gate
- LYHP7034NK 50L/13 Gallon Tank

- Single-walled, unheated stainless steel tank with cover
- Available with 1-1/2" plastic honey gate, or stainless sanitary coupling with honey gate
- Holds an estimated 150 lb. of honey



LYSON Tank Trolley

- LYHPW6604 Cart for 50L/70L tanks
- LYHPW6605 Cart for 100L/150L tanks

- The transporting trolley has been specially designed for easy transport of settlers and creaming machines



LYSON Bottling Stand

LYHPLP4004 Bottling Stand

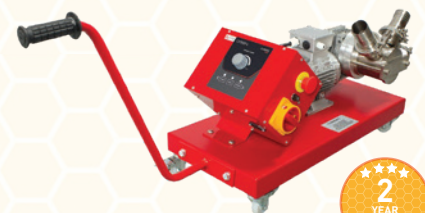
- Place your bottle on the shelf that is lower than the table and reduces the need to raise the bottling tank
- Features a 3/4" high lip around the stand to catch any drips or runs for easy cleanup



LYSON
AUTOMATIC
Turn Table with Bottler

LYHPW204002 Turn Table Bottler
LYHPW204010 Turn Table

- Place empty jars on one side and retrieve filled jars from the other
- Works with glass jars only



LYSON
Honey Pumps

LYHPW2021G400 120V Pump, 240 gal/hr
LYHPW2021GNF 120V Pump, 240 gal/hr
LYHPW20210GNF 240V Pump, 396 gal/hr

- This more compact sized stainless steel honey pump can pump up to 240 gallons/hour with its 120V variable speed motor
- The smaller honey pump has the capacity to pump up to 240 gallons/hour and the larger can pump up to 396 gallons/hour with a variable speed inverter control motor
- Pump can be controlled by a level switch (not included) for automatic operation



LYSON
Honey Bottler

LYHPW204001 Bottler with Plastic Impeller
LYHPW204001Z Bottler with Gear Impeller
LYHPW20403 Anti-Drip Nozzle Gear Bottler

- Programmable bottler is operated by foot pedal or bottler switch to pump, measure, and dispense honey
- Honey is pumped from a tank (or pail) through a 5 ft. intake hose before dispensing into the containers of your choice
- Features a programmable digital display and will dispense quantities up to 99 lb.
- Allows you to bottle approximately 350 1 lb. (16 oz.) jars per hour (depending on the type and density of your honey)
- Also available with a gear-style impeller
- 200W, 120V AC power supply



LYSON
Honey Settler

LYHPW5020
Transparent Settler

- Perfect for selling and displaying honey in your shop or at a market
- Heated 86-131°F to prevent crystallization
- 7.5 gallon capacity includes high quality stainless honey gate
- 150W, 120V AC power supply



LYSON
BARREL
Pump & Filter

LYHPW370 Barrel Pump and Filter
LYHPW370MESH Extra Filter

- Perfect for filtering honey as it comes from a holding tank
- Connect the filter to your sump or tank via a pump (not included)
- The honey pumps through the filter, accumulating in the barrel
- Once full, a level switch triggers the built-in pump and empties the filtered honey into your holding tank



NYLON Honey Gate

NG1 1 \$20.49

- 1-1/4" heavy-duty nylon honey gate with gaskets and stainless steel hardware
- Quickly turns the flow of honey on and off, making it extremely easy to fill your honey jars without the sticky mess
- **Note:** Use only food-approved tanks when making your own honey tank

PLASTIC Honey Gates

PG1 1/4" \$19.49
PG2 1-1/2" \$18.49
PG3 2" \$20.49

- Make your own honey tanks (using only food-approved tanks) with these high-quality, all-plastic honey gates

Use this drill bit to fit your honey gate:

- 1-1/4" gate: 1-5/8" bit
- 1-1/2" gate: 1-7/8" bit
- 2" gate: 2-3/8" bit

BOTTLING Valve

LYHPW4010BB 1/2" Sanitary \$278.05
LYHPW4010BBFLANGE Flange \$278.05

- The bottling valve fits tanks with 1-1/2" sanitary fittings or Lyson tanks with a metal honey gate
- Flanged version can bolt to most Lyson honey gates; the sanitary coupling requires a 1.5" sanitary fitting on the tank

CLEAR
1.5" + 2" Hose

HOSE15 1.5" Clear Hose, 1' Length... \$7.19
HOSE2 2" Clear Hose, 1' Length... \$11.29

- Clear hose for use with Lyson honey pumps and bottlers
- Just add barbed fittings as needed to connect
- **Note:** Order the number of feet you need and we will cut it to length

MAXANT EXTRACTOR
Honey Gate

MAXEXTGATE 1 Maxant Honey Gate

- This adapter converts a Maxant extractor fitting to a plastic honey gate
- Newer (late 2019 and newer) Maxant extractors have a male 1-1/4" NPT fitting as a honey discharge

NO-DRIP
Maxant 1" Bottling Valve

MAXNDV 1 Maxant Bottling Valve

- Use this no-drip valve to easily dispense honey
- Includes gasket and small/large o-rings
- If you plan to pour wax, use the 1" Ball Valve on the tank instead

1.5" + 2" Clamp

FITCLAMP15 1.5" Clamp \$11.29
FITCLAMP2 2" Clamp \$16.49

- Clamp for joining 1.5" or 2" sanitary tri-clamp fittings and 1.5" or 2" hose, respectively
- Gasket is required, but not included

SANITARY Fittings

FITSANBARB 1.5" Barb, 1.5" \$25.69
FITSANBARB 2" Barb, 2" Fitting \$24.69
FITSANBARB40MM 40mm, 1.5" .. \$51.49

- Sanitary fittings are cleanable, limit entrapment areas where bacteria could form, and are corrosion resistant

GASKET Seal

FITGASK15 1.5" Gasket Seal \$3.09
FITGASK2 2" Gasket Seal \$3.09

- FDA approved platinum-cured silicone gasket for either a 1.5" or 2" sanitary/tri-clamp fitting

1.5" SANITARY
Ball Valve

FITVLV15 1.5" \$92.59

- Full port valve has 1.5" inner diameter throughout the whole valve
- 304 stainless steel body with PTFE seals
- Ideal for the outlet of a tank that will be connected to a bottling system
- Clamps and gaskets not included

Holds 24 of the 1 lb. jars of honey



LYSON Warming Cabinet

LYHPW204100 Warming Cabinet

- Controlled by thermostat to circulate warm air (up to 131°F) to gradually decrystallize honey in glass and plastic honey jars
- Holds about (24) 1 lb. or (12) 2 lb. jars
- Also fits a 5 gallon pail with modifications to shelves



BETTERBEE Bucket Blanket

HEATER1 Bucket Heater \$164.79

- An internal thermostat maintains blanket temperature while a layer of graphite distributes heat to the pail to avoid burning
- The blanket is secured with a nylon strap and buckle

Specifications:

- Fits 5 and 6 gallon buckets (plastic or steel)
- 120 W, 120V AC, 50/60Hz, 1 amp



BETTERBEE Barrel Blanket

HEATER2 Barrel Heater \$998.00

- This insulated blanket features an adjustable digital thermostat that controls the barrel temperature that warms and decrystallizes more uniformly than with an immersion heater or with a band heater

Specifications:

- Fits most 55 gallon drums (plastic or steel)
- 780 W, 120V, 50/60Hz, 6.5 amp



LYSON HONEY SUPER Warmer

LYHPW3012 Super Warmer
8TO10ADAPTER Frame Adapter



- Through a heating element and fan, this heavy duty, stainless steel, honey super warmer pushes warm air up through the frames
- Can also be used to decrystallize honey

Specifications:

- Unit is mounted on four rotating (two lock) castor wheels
- Supers can be strapped to the warmer for easy movement
- 8-to-10-Frame Adapter can be used to warm 8 frame equipment

LYSON Honey Melter

LYHP3210 Lyson Honey Melter



- Designed to heat 55 gallon barrels of honey in 1 to 2 days
- The simple-to-use, digital thermostat can be set between 86°F (30°C) and 185°F (85°C)

Specifications:

- Adjustable working time from 1 to 96 hours
- 1.5 kW, 240V, 50/60Hz, 7 amp



- ✓ Spreadable, scoopable, and generally less messy than liquid honey, creamed honey is the most popular form of honey in Europe.
- ✓ Creamed honey is made by encouraging crystallization in a controlled environment. There is nothing added to plain creamed honey. It's just honey. You can add other flavors if you'd like, but check with your state regulations first.



LYSON Honey Creamer

POWER SUPPLY 120V:
LYHPW200882 50L/13 Gallon
LYHPW20088AZ 70L/18 Gallon

POWER SUPPLY 240V:
LYHPW20080NTZ 100L/26 Gallon
LYHPW20080BZ 150L/40 Gallon
LYHPW20080CZ 200L/53 Gallon

- Mix the honey and seed crystal on a programmed schedule with a heavy duty, variable speed AC motor
- The mixing action evenly distributes the seed crystals throughout the honey, giving consistent results for the whole batch
- Includes a 1.5" sanitary fitting and honey gate

Specifications:

- **Power supply:** 120V or 240V
- **Diameter:** 15.75" (50L and 70L), 19.75" (100L, 150L), 23.125" (200L)
- **Maximum speed:** 36 RPM



WATER-JACKETED Bottling Tank with Creamer

LYHP7056MK 18 Gallon Heated Creamer
LYHPW7057MK 35 Gallon Heated Creamer

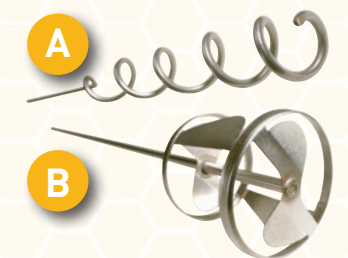
- Made of 18 gauge acid-resistant stainless steel, this tank is ideal as a honey creamer, decrystallizer, and bottling tank
- Adjustable 2000 watt 240V element heats the water jacket for uniform heating of your honey
- Includes sanitary "tri-clamp" fitting and honey gate



BETTERBEE Gourmet Creamed Honey Kit

CHK1 Creamed Honey Kit \$85.00

- Includes a creamed honey drill (for use with a 1/2" drill), honey pail with a 2" gate, lid, 1 lb. of creamed honey (starter/seed), 12 creamed honey cups, and instructions
- Includes enough seed and cups for your first batch of about 10 lb.



CREAMED HONEY Drill Attachments

CHD1 Drill, 22" \$46.29
CHM21 Mixer, 21" \$69.89
CHM40 Mixer, 40" \$89.79

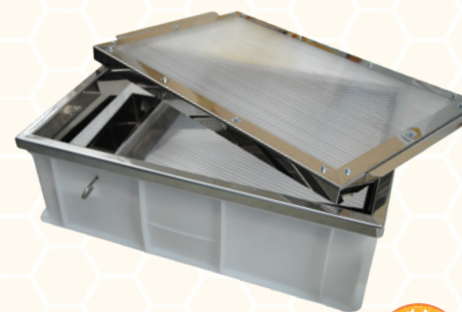
- The creamed honey drill (A) is 22" long, made for use with a 1/2" drill, and is ideal for small batches
- The creamed honey mixer (B) is available in either 21" (3/8" drill) or 40" (1/2" drill) versions

✓ Ready to process your cappings?
 See betterbee.com/cappings for more
 wax processing options.



LYSON Wax Press
 LYHPW4082 Lyson Wax Press

- Looking for a more traditional way to process your wax?
- Insert cappings into the perforated stainless steel tub and turn the handle to press out honey
- Honey drains to the stainless steel plate and into a container you place under the press



LYSON Solar Wax Melter

LYHPW3247 Solar Wax Melter
 LYHPW3200P Small Melter Stand
 LYHPW3249 Large Stainless Steel Wax Melter
 LYHPW3200TD Large Melter Stand

- Place your cappings and old comb on a stainless-steel tray within the melter and put the unit outside to let the sun do its work
- The melted wax will then drip down into a pan, creating cakes of wax for your use
- Use a stand to elevate and tilt your melter for better results

LYSON 8 GALLON Wax Melter

LYHPW4099SET110 8 Gallon Wax Melter

- Rectangular water-jacket wax tank for pouring beeswax candles and hand-dipping taper candles
- Holds about 8 gallons of wax
- The long tank is large enough to accommodate slabs of wax
- Compact design fits easily on your countertop
- Adjustable thermostat, 1500W, 120V AC power supply

Specifications:

- **Outside dimensions:** 18-1/8" x 8-7/8" x 24"
- **Inside dimensions:** 15-3/4" x 6-1/2" x 19-3/4"
- Features insulated stainless steel lid and 1/2 NPT discharge ball valve
- **Overflow volume:** 8.75 gallons



LYSON ROTARY Wax Melter

LYHPW4805 Rotary Wax Melter

- Place your whole frames or extra wax in the perforated basket
- A 3000 W heater bathes the perforated drum in steam and the wax moves to the outer walls as the drum spins
- Melts down a full load of wax in about 20 minutes
- Requires 20 Amp 240V AC power supply



LYSON Wax Melter with Steam Generator

LYHPW5030 Steam Wax Melter
 LYHPW32050N Melter Stand

- Wax is melted with steam provided by a 120V steam generator
- Steam enters the tank through a hose passing through the cover, and melted wax runs out of the pipe at bottom of tank



LYSON Wax Cappings Extruders

LYHPW20970 50 kg/hr (120V)
 LYHPW20966 100 kg/hr (240V)
 LYHPW20965 200 kg/hr (240V)

- This stainless steel cappings extruder fits beneath an uncapper or can be used separately from the uncapping process
- The slow-rotating variable speed screw, made of durable high density plastic, compresses the cappings while allowing the liquid honey to escape through the perforated cylinder
- Compressed wax exits the end of the screw and is ready for further processing
- Honey drips into removable sieve trays and then into a holding tank for discharge to your tank
- Extruders are rated by the weight of wet cappings (honey plus wax) that can be processed per hour (for example, the 100 kg extractor will process on average 100 kg, or 220 pounds, per hour)

Note: Maximum through-put and dryness of the extruded wax depends on the honey content of the cappings



A color LCD screen and control panel gives the operator control of the process

LYSON Honey Dehydrator

LYHPW4021 300 kg (660 lb.) Honey Dehydrator
 LYHPW4020 150 kg (330 lb.) Honey Dehydrator
 LYHPW4024 70 kg (154 lb.) Honey Dehydrator

- Honey with moisture levels greater than 19% will ferment and is not marketable
- The dehydrator removes water from honey as a batch process, using warm air and rotating plates
- The machine features adjustable rotation speed and adjustable heat input
- Honey moisture content can be dropped by up to 3 percentage points in 10 to 12 hours (depending on ambient conditions, honey, and settings)

Note: 70 kg (154 lb.) and 150 kg (330 lb.) dehydrators available only by special order (120V or 230V)



DELUXE Refractometer

REFT2 Deluxe Refractometer ... **\$79.89**
CF1 Calibration Fluid **\$7.19**

- This stainless steel refractometer will measure the moisture in your honey from 12%-27% in half percent increments
- This easy-to-use device has a sturdy rubber grip and comfortable eyepiece
- Calibration is simple and should be done prior to each use as it is temperature-dependent
- The calibration will only be accurate for the ambient room temperature at which calibration was done
- Calibration fluid and directions are included



MISCO DIGITAL Honey Refractometer

REFT3 Refractometer **\$339.00**
REFT3CASES Ref. Soft Case **\$37.89**
REFT3CASEH Ref. Hard Case **\$37.89**
REFT3CASEC Case Combo **\$66.89**

- With only a drop of liquid honey, this instrument determines the water content, regardless of temperature
- In less than a minute you will have an accurate moisture reading of your honey



HONEY Scale

SCALE1 Honey Color Scale **\$56.89**

- Electronic color graders can cost hundreds of dollars: this scale is simple to use at just a fraction of the cost
- Fill one of the supplied containers with honey and move it along the scale until you match the color of the honey with the color on the scale

HOW'S YOUR HONEY MOISTURE LEVEL?

- ✓ **Honey naturally has a low water content.** Grade A honey must have less than 18.6% moisture (ideally less than 17.1%). If moisture is higher than 18.6%, yeast that is normally in the honey could begin fermenting and ruin it.
- ✓ **There are 3 surefire ways to make sure your honey is ripe and ready for extracting:**

1. Pick and extract frames that are over 80% capped, meaning the bees have removed all moisture they see fit.
2. Once you extract the honey, don't leave it open to the air and elements. Put a lid on it!
3. Test the moisture content of your honey with a refractometer.

We conducted an informal, non-scientific test to measure the honey weight and volume of each of our containers.

We measured each container to the "fill line" or "bead" of the container (the rim that protrudes from the base of the neck, right below the threads).

You'll find both > **HONEY WEIGHT** and > **VOLUME** listed under each item.

WE DID THIS TO HELP YOU IN THREE IMPORTANT WAYS:

1. **Buy the right number of containers:** You use our advertised descriptions to estimate how many containers to buy. Providing accurate information means fewer dissatisfied customers because they get the right number of containers.
2. **Put the correct weight on a jar:** If you fill jars with honey and sell it as if it weighs more than it does, there could be legal problems.
3. **Charge appropriately for the honey they are delivering:** If you fill jars with honey and sell it as if it weighs less than it does, you can be losing money.

WE LIST BY HONEY WEIGHT, NOT WATER WEIGHT, AND NOT JUST BY VOLUME.



HONEY, WAIT, DID YOU SAY ... HONEY WEIGHT? One of the questions we are most frequently asked is, "What is honey weight?" Honey has a different density than water. Even batch to batch, honey varies in density. In the English system of measurements, "ounce" is used for both weight AND volume, which is fine if you are measuring water, but confusing if you are measuring honey. Honey will be around 40% heavier than water (depending on the moisture content). This means that 1 fluid ounce of honey will weigh about 1.4 ounces. Legally, honey is sold by weight!



100% BPA FREE

For more information on bulk pricing and lid options visit our website at www.betterbee.com

2 LB.

1 LB.

8 OZ.

PREMIUM QUALITY Plastic Honey Bottles

- These classic plastic honey bottles look just like glass
- They all take the same 38mm lids, so you have your choice of white plastic caps, Hi-Flow Spouts (black, yellow, or red), Flip Top Lids (red, yellow, gold, black, or white) or Dripless Lids (red, black, or yellow)
- See **page 119** for lids

8 OZ. Plastic Honey Bottles

Honey Weight: 8.4 oz / Volume: 167 mL
PHB8 8 oz. NO CAP \$0.80

1 LB. Plastic Honey Bottles

Honey Weight: 1 lb / Volume: 326 mL
PHB1 1 lb. NO CAP \$0.95

2 LB. Plastic Honey Bottles

Honey Weight: 2.1 lb / Volume: 656 mL
PHB2 2 lb. NO CAP \$1.40



We offer **FOUR** choices topping your containers:
1. Flip Top Lid 2. Hi-Flow Spout
3. Dripless Lid 4. White Cap



100% BPA FREE

CLEAR Skep Bottles

16 OZ. CLEAR SKEP BOTTLES
Honey Weight: 16.9 oz / Volume: 337 mL
CSB16 16 oz. NO LID \$1.15
24 OZ. CLEAR SKEP BOTTLES
Honey Weight: 24.6 oz / Volume: 490 mL
CSB24 24 oz. NO LID \$1.15

- These clear PET bottles are available in 1 lb. and 1-1/2 lb. sizes; they make an impressive container and use our small rectangular labels
- Takes a 38mm cap (see **page 119**)

3 LB. Embossed Hex Jar

Honey Weight: 3.1 lb / Volume: 988 mL
EJ3 3 lb. NO LID \$1.85

- Embossed hex design enhances these eye-catching 3 lb. PET jars
- Features double indented handles for ease of pouring
- Takes a 38mm cap
- See **page 119** for colors and styles available



100% BPA FREE

FRESHIP Plastic Container Variety Pack

BAL2BULK FRESHIP Pack..... \$103.00
Give your customers a variety of options in honey packaging! From 8 oz. up to 2 lb. options, this variety pack has you covered.



100% BPA FREE

FREE LABELS: Includes free skep labels for all containers. These labels are not available for custom printing.

Includes all of the following:

- 8 oz. Plastic Honey Bottles (25)
- 12 oz. Flat Panel Honey Bears (25)
- 1 lb. Plastic Honey Bottles (25)
- 2 lb. Plastic Honey Bottles (10)
- Yellow Flip Top Lids (85)
- Bee Skep Small Oval Labels (60)
- Bee Skep Brother Bear Labels (25)



100% BPA FREE

UPSIDE-DOWN Honey Bottle

Honey Weight: 1 lb / Volume: 331 mL
UDHB Bottle w/ Cap \$1.15

- The large lid provides a stable surface on which the bottle rests
- The rubber diaphragm makes for a leak-free cap that instantly seals after squeezing.
- Only available with the dripless lid



CARDBOARD BOXES for Plastic Bottles (holds 12)

BOX80Z Box for 8 oz. bottles \$1.69 ea
BOX160Z Box for 16 oz. bottles ... \$1.79 ea
BOX320Z Box for 32 oz. bottles ... \$2.09 ea

- These cardboard packing boxes are designed to carry (12) plastic bottles of each size offered

For more information on bulk pricing and lid options visit our website www.betterbee.com



FLAT PANEL Plastic Honey Bears

- These bears have flat panels on both sides
- The 38mm top gives you the following cap choices: Hi-Flow Spouts (black, yellow, or red), Fliptop Lids (red, yellow, gold, black, or white), or White Plastic Lids

8 OZ. Flat Panel Bear

Honey Weight: 8.5 oz / Volume: 169 mL
FPB8 8 oz. NO LID \$0.90

12 OZ. Flat Panel Bear

Honey Weight: 12.1 oz / Volume: 241 mL
FPB12 12 oz. NO LID \$0.85

16 OZ. Flat Panel Bear

Honey Weight: 16.9 oz / Volume: 337 mL
FPB16 16 oz. NO LID \$1.05

24 OZ. Flat Panel Bear

Honey Weight: 24.4 oz / Volume: 487 mL
FPB24 24 oz. NO LID \$0.95

CAP COLORS



THE "MINI" Flat Panel Bear

Honey Weight: 2.4 oz / Volume: 47 mL

- FPB2 Mini Flat Panel Bear w/ Cap. . . \$0.95
- FPB2F Flat of 160 Bears .. \$72.00 (45¢ ea)
- FPB2C Case of 800 Bears. \$309.00 (39¢ ea)

- This is the perfect favor for showers, makes great samples to give away, and is ideal for impulse buys at the farm stand
- Features a flat panel on the front for a label

CLASSIC ROUND Belly Bear

- Made of opaque LDPE plastic, these bears can hold up to 2 lb. of honey
- Unlike the flat panel bear bottles, there is not a flat surface to place a label, so we recommend purchasing bear collars
- Uses 38mm Hi-Flow Spout, Fliptop Lid, or White Plastic Lid

32 OZ. Round Belly Bear

Honey Weight: 31.9 oz / Volume: 635 mL
RBB32 32 oz. NO LID \$2.59
RBB32C Case of 100 \$196.00 (\$1.96 ea)
BC32 50-Pack Bear Collars \$4.09



Caution! Please do NOT wash any plastic container in the dishwasher. The temperature is simply too high. Hand-wash only.

CREAMED HONEY Cups + Lids

CUP1 Individual Cup w/ Lid \$0.98

- Easy to fill cups with imprinted sides
- Holds a full pound of creamed honey
- More quantities available

EZ GRIP Honey Cube

Honey Weight: 2.8 lb / Volume: 882 mL
EZG EZ Grip Honey Cube w/ Cap .. \$2.70

- Easy-to-handle clear PET plastic jar
- Also ideal for displaying pollen
- 89mm cap included

1 GALLON Handled Honey Jug

Honey Weight: 12.9 lb / Volume: 4,072 mL
HJUG1 1 Gallon Jug w/ Cap \$3.89

- Easy to carry and pour
- 63mm special cap included

5 LB. ROUND Bottle

Honey Weight: 5.0 lb / Volume: 1,567 mL
RPB5 5 lb. Round w/ Cap \$1.89
RPB5C Case of 64 \$82.00

- Made from crystal clear PET plastic
- Includes a 110mm white plastic cap

1 GALLON Honey Jug

Honey Weight: 12 lb / Volume: 3,878 mL
GJC1 1 Gallon Jug w/ Cap \$2.95

- Clear PET plastic jug
- Includes a 110mm white plastic cap

5 LB. Opaque Jug

Honey Weight: 5 lb / Volume: 1,614 mL
RJ5 5 lb. Opaque Jug w/ Cap \$1.69
RJ5C Case of 60 Jugs w/ Cap \$77.00

- Pours well and shows off your honey
- Includes white 53mm cap

PLASTIC Honey Pail + Lid

HP1 1 Gallon Pail & Lid \$4.95
HP2 2 Gallon Pail & Lid \$6.79
HP5 5 Gallon Pail & Lid \$11.49
HP6 6 Gallon Pail & Lid \$12.49

- Sell your honey in bulk in these food grade plastic honey containers
- Buckets and lids also sold separately



CLASSIC Glass Jars

- The subtle ridge design of these jars reminds us of the classic skep hive shape
- Showcase the color and clarity of your honey, and use a custom-printed oval label to sell your brand

8 OZ. Classic Glass Jars

Honey Weight: 8.4 oz / Volume: 167 mL

CB8C 8 oz. Glass w/ 48mm White Cap
Case of 24 Jars\$23.85

1 LB. Classic Glass Jars

Honey Weight: 1 lb / Volume: 318 mL

CB1C 1 lb. Glass w/ 48mm White Cap
Case of 24 Jars\$23.35

2 LB. Classic Glass Jars

Honey Weight: 2.1 lb / Volume: 654 mL

CB2C 2 lb. Glass w/ 63mm White Cap
Case of 12 Jars\$16.95

WHY GLASS?

Did Cinderella wear a plastic slipper? Some beekeepers will only store their honey in glass bottles. Reasons vary, but we think glass does a better job than plastic at showing off the color of your honey! Check out www.betterbee.com for more specifics on the bottles we offer.

MUTH Glass Jars

- This is an exact reproduction of the Muth jar developed in the 19th century, the first jar produced specifically for honey
- Embossed design and cork closure makes this jar special
- We suggest getting the heat-shrink sleeves on [page 120](#) to give your honey a more complete packaging

4 OZ. Muth Glass Jar

Honey Weight: 4.3 oz / Volume: 85 mL

MUTH4C 4 oz. Muth w/ Cork
Case of 36 Jars\$39.89

8 OZ. Muth Glass Jar

Honey Weight: 8.6 oz / Volume: 172 mL

MUTH8C 8 oz. Muth w/ Cork
Case of 12 Jars\$12.59

1 LB. Muth Glass Jar

Honey Weight: 17.5 oz / Volume: 347 mL

MUTH1C 1 lb. Muth w/ Cork
Case of 12 Jars\$21.49



HEX Glass Jars

- These elegant hex honey jars add a touch of class to your honey
- Jars come packed in cases for easy marketing
- Includes Gold Metal Lug Thread Caps



SMALL ROUND Glass Jars

- The wide mouth design makes these jars excellent for extracted honey, creamed honey and even jams and jellies
- Available in 3 sizes

8 OZ. Small Round Glass

Honey Weight: 9.1 oz / Volume: 178 mL

RB8C 8 oz. Round w/ 63mm Cap
Case of 12 Jars\$12.49

12 OZ. Small Round Glass

Honey Weight: 12 oz / Volume: 241 mL

RB12C 12 oz. Round w/ 70mm Cap
Case of 12 Jars\$11.79

16 OZ. Small Round Glass

Honey Weight: 15.8 oz / Volume: 323 mL

RB16C 16 oz. Round w/ 83mm Cap
Case of 12 Jars\$12.89

2 OZ. Hex Glass

Honey Weight: 2 oz / Volume: 40 mL

HX2C 2 oz. Glass Hex w/ Gold Lug
Case of 24 Jars\$14.89

5 OZ. Hex Glass

Honey Weight: 5.2 oz / Volume: 104 mL

HX5C 5 oz. Glass Hex w/ Gold Lug
Case of 12 Jars\$10.89

8 OZ. Hex Glass

Honey Weight: 8.9 oz / Volume: 174 mL

HX8C 8 oz. Glass Hex w/ Gold Lug
Case of 12 Jars\$12.19

12 OZ. Hex Glass

Honey Weight: 13 oz / Volume: 255 mL

HX12C 12 oz. Glass Hex w/ Gold Lug
Case of 12 Jars\$14.59

4 LB. Queenline Jar

Honey Weight: 4.1 lb / Volume: 1,297 mL

QL4C Case of 6...\$20.89

- This beautiful glass bottle shows off the color and clarity of your honey
- Includes 70G White Caps



5 LB. Round Jar

Honey Weight: 5.1 lb / Volume: 1,644 mL

RB5C Case of 6...\$20.39

- The "standard" glass honey jar for bulk sales
- Includes 70G White Caps



1 LB. Tall Round Jar

Honey Weight: 17.6 oz / Volume: 349 mL

TRB1C 12 Jars\$10.89

- Use this jar for extracted, creamed, or chunk honey
- Includes 63mm White Caps



2-1/2 LB. Square Jar

Honey Weight: 2.6 lb / Volume: 839 mL

SB212C 12 Jars\$32.29

- A fancy, wide-mouth jar for extracted, chunk, or creamed honey
- Includes 89mm White Caps



NOVELTY GLASS JARS



13 OZ. Glass Honey Bear

Honey Weight: 13.4 oz / Volume: 267 mL

GB13C Case of 12 Jars\$19.29

- Get the honey bear look in glass
- Includes 58mm Gold Metal Lug Thread Caps



HALF SKEP Glass Jar

Honey Weight: 12.7 oz / Volume: 255 mL

HSKEPC Case of 12 Jars\$17.89

- This clever design shows off your honey in a new light
- Includes 58mm Gold Metal Lug Thread Caps

MINI HALF SKEP Glass Jar

Honey Weight: 3 oz / Volume: 59 mL

HSKEPMINIC Case of 24 Jars\$16.89

- This mini skep jar is a beautiful way to show off your honey at markets or stores
- Includes 43mm Gold Metal Lug Thread Caps



12 OZ. Cylinder Hex Jar

Honey Weight: 12 oz. / Volume: 223 mL

TREM12 Case of 12 Jars\$14.89

- Embossed hex design enhances these eye-catching jars
- Includes 58mm Gold Metal Lug Thread Caps



MINI GLASS

Mason Jar

Honey Weight: 3 oz / Volume: 57 mL

MASONMINI Case of 24\$18.89

- Makes the perfect baby or bridal shower favor
- Comes with 38mm Gold Metal Lids

TIPS FOR HOW TO MARKET YOUR HONEY

Local honey is such a hot commodity at farmer's markets that you might see multiple stands selling it. How do you set your honey apart?

Scan the QR codes below to read articles with information to help you get the sale!



BOTTLES 101

There is a wide variety of glass and bottle honey containers out there, available in all shapes and sizes.

Read this article to learn how honey volume and weight differ from water, and anything else you could want to learn about honey containers.



LABELS 101

Let your customers know where to come back to for their liquid gold!

Read this article to learn about different options for labeling your honey and the regulations around what to put on your label.

LIDS FOR PLASTIC CONTAINERS



HI-FLOW Lids

HFS1 Hi-Flow Spout\$0.27 ea

HFS1C Case of 1,000 ... \$220.00 (22¢ ea)

- These lids have a larger opening for easier pouring
- Includes a tamper-evident safety inner seal
- Cut the tip beneath the cap to your preferred size before use
- **Fit:** Plastic Honey Bottles, Squeeze Bottles, Round Belly Bears, and Flat Panel Bears
- **Colors:** Red, Black, or Yellow. *Specify color when ordering.*
- **Size:** 38mm



DRIPLESS Lids

DL1 Dripless Lid\$0.29 ea

DL1C Case of 850 \$224.00 (26¢ ea)

- This lid provides a stable surface on which a bottle rests
- This leak-free cap instantly seals after squeezing
- Includes a tamper-evident safety seal
- **Fit:** Plastic Honey Bottles, Squeeze Bottles, and Round Belly Bears
- **Colors:** Red, Black, or Yellow. *Specify color when ordering.*
- **Size:** 38mm



FLIPTOP Lids

FT1 Fliptop Lid\$0.17 ea

FT1C Case of 1,700 \$174.00 (10¢ ea)

- Features a tamper-evident safety inner seal — assures your customers that your honey is safe and pure
- **Fit:** Plastic Honey Bottles, Squeeze Bottles, Round Belly Bears, and Flat Panel Bears
- **Colors:** Red, Yellow, Gold, White, or Black. *Specify color when ordering.*
- **Size:** 38mm

FIND THE RIGHT CAP OR LID FOR YOUR CONTAINER!

LIDS + CAPS FOR GLASS CONTAINERS:

- 1/2 lb & 1 lb. Classic, 48mm
- 2 lb. Classic, 63mm
- 8 oz. Round, 63mm
- 16 oz. Tall Round, 63mm
- 4 lb. Queenline, 70G
- 5 lb. Round, 70G
- 12 oz. Round, 70mm
- > White Plastic Cap
- > Gold Metal Cap
- > White Metal Cap

- Standard Mason Jar, 70G
- > White Plastic Cap
- > White Plastic w/ Pressure Seal
- > Gold Metal Cap
- > White Metal Cap
- Mini Mason Jar, 38mm
- 2-1/2 lb. Square, 89mm
- 16 oz. Short Round, 83mm
- > White Plastic Cap
- > Gold Metal Cap

- 2 oz. Hex, 43mm Lug
- 5 oz. Hex, 48mm Lug
- 8 oz. Hex, 58mm Lug
- 12 oz. Hex, 63mm Lug
- 12 oz. Cylinder Hex, 58mm Lug
- 13 oz. Honey Bear, 58mm Lug
- Half Skep, 58mm Lug
- Mini Half Skep, 43mm Lug
- > Gold Metal Lug Lid

- 3 oz. Novelty Jar, 53mm
- > White Plastic Cap
- Muth Jar
- > Cork

LIDS + CAPS FOR PLASTIC CONTAINERS:

- 2 oz. Honey Bear, 24mm
- > Yellow, Black, or White Cap
- All Other Honey Bears, 38mm
- Premium Honey Bottles, 38mm
- Clear Skep Bottle, 38mm
- 3 lb. Embossed Jar, 38mm

- > Hi-Flow Spout
- > Dripless Lid
- > Fliptop Lid
- > White Plastic Cap
- 1 lb. Upside-Down, 38mm
- > Dripless Lid

- 5 lb. Jug, 53mm
- 5 lb. Round, 110mm
- 1 Gal. Jug, 110mm
- > White Plastic Cap
- 1 Gal. Jug with Handle
- > Special Cap

- 6 lb. Honey Bottle, 70G
- > White Plastic Cap
- > Gold Metal Cap
- > White Metal Cap



PVC HEAT SHRINK Jar Sleeve

- Add a professional touch to your honey packaging
- Slide these seals over your honey jars and shrink them with a heat gun or hair dryer
- 200 tamper-evident sleeves per package

PVC38 38 mm PVC Sleeve	\$8.19
<i>for Plastic Honey Bottles & Bears</i>	
PVC43 43 mm PVC Sleeve	\$8.19
<i>for 2 oz. Hex and Mini Half Skep jars</i>	
PVC48 48 mm PVC Sleeve	\$8.19
<i>for 1/2 and 1 lb. Classic and 48mm jars</i>	
PVC53 53 mm PVC Sleeve	\$8.19
<i>for 5 lb. Jug and 53mm jars</i>	
PVC58 58 mm PVC Sleeve	\$8.19
<i>for 58mm hex jars</i>	
PVC63 63 mm PVC Sleeve	\$8.19
<i>for 2 lb. Classic Jars and 63mm jars</i>	
PVC70 70 mm PVC Sleeve	\$8.19
<i>for 5 lb. Round Jars and 70mm jars</i>	
PVC83 83 mm PVC Sleeve	\$8.19
<i>for 16 oz. Small Round Glass Jars</i>	
PVC89 89 mm PVC Sleeve	\$8.19
<i>for Gallon Jars and 2-1/2 lb. Square Jars</i>	
PVC110 110 mm PVC Sleeve	\$8.19
<i>for 5 lb. Round Plastic Bottles</i>	
PVC150 150 mm PVC Sleeve	\$8.19
<i>for Creamed Honey Cup</i>	
PVCMUTH1 Muth PVC Sleeve	\$8.19
<i>for 1 lb. Muth Jars</i>	
PVCMUTH4 Muth PVC Sleeve	\$8.19
<i>for 4 oz. Muth Jars</i>	
PVCMUTH8 Muth PVC Sleeve	\$8.19
<i>for 8 oz. Muth Jars</i>	
PVCLIP Lip Balm PVC Sleeve	\$8.19
<i>for Lip Balm Tubes</i>	



WHITE + GOLD METAL Lid w/ Continuous Thread

- Continuous thread jars have one thread that wraps around entire jar
- Platisol liner helps keep honey from leaking

WHITE METAL LIDS

M48WHITE 48mm White Metal Lid	\$0.34
M63WHITE 63mm White Metal Lid	\$0.50
M70GWHITE 70g White Metal Lid	\$0.44
M70WHITE 70mm White Metal Lid	\$0.60

GOLD METAL LIDS

M38GOLD 38mm Gold Metal Lid	\$0.26
M48GOLD 48mm Gold Metal Lid	\$0.34
M63GOLD 63mm Gold Metal Lid	\$0.50
M70GOLD 70mm Gold Metal Lid	\$0.64
M70GGOLD 70g Gold Metal Lid	\$0.47
M83GOLD 83mm Gold Metal Lid	\$0.85
M89GOLD 89mm Gold Metal Lid	\$0.95

METAL Lid w/ Lug Thread

- Add shine and design to your hex jars, glass bears, half skep, and mini half skeps jars

M43GOLDLUG 43mm Metal	\$0.21
M43LUGPC 43mm Metal w/ Flower/Bee	\$0.29
M43LUGHC 43mm Metal w/ Honeycomb	\$0.29
M48GOLDLUG 48mm Metal	\$0.25
M58GOLDLUG 58mm Metal	\$0.36
M58LUGPC 58mm Metal w/ Flower/Bee	\$0.31
M58LUGHC 58mm Metal w/ Honeycomb	\$0.31
M63GOLDLUG 63mm Metal	\$0.39



WHITE PLASTIC Caps

- These bright caps keep your jars looking great

C38 38mm White Plastic Cap	\$0.11
C38C Case of 2,900 Caps	\$153.00
C48 48mm White Plastic Cap	\$0.13
C48C Case of 1,700 Caps	\$147.00
C48P 48mm Pressure Seal Cap	\$0.17
C48PC Case of 1,700 Caps	\$211.00
C53 53mm White Plastic Cap	\$0.15
C53C Case of 1,300 Caps	\$134.00
C58 58mm White Plastic Cap	\$0.14
C58C Case of 1,700 Caps	\$123.00
C63 63mm White Plastic Cap	\$0.18
C63C Case of 900 Caps	\$120.00



C63P 63mm Pressure Seal Cap	\$0.28
C63PC Case of 900 Caps	\$165.00
C70 70mm Pressure Seal Cap	\$0.23
C70C Case of 760 Caps	\$113.00
C70G 70g White Plastic Cap	\$0.27
C70GC Case of 560 Caps	\$109.00
C70GP 70G White Pressure Seal	\$0.34
C70GPC Case of 560 Caps	\$166.00
C83 83mm White Plastic Cap	\$0.33
C83C Case of 500 Caps	\$131.00
C89 89mm White Plastic Cap	\$0.40
C89C Case of 580 Caps	\$181.00
C110 110mm White Plastic Cap	\$0.50
C110C Case of 216 Caps	\$93.00

Betterbee pioneered the first full-color labels for honey containers over 30 years ago.

We are proud to offer **THREE DIFFERENT TYPES** of blank and customizable labels to help you market your honey crop and other products from the hive!

You'll find more information about each style in the following pages, but here's a quick overview of what you can expect from our three types of labels:

- 1. Your own completely custom design:** Use your own photo, logo, or design to make your products stand out. Work with our design team to create something unique to your product line and your apiary! Call or email us at labels@betterbee.com to get started.
- 2. Your design on clear, gold, or kraft labels:** These modern and sophisticated labels have nothing pre-printed on them, which means they can be used for practically anything you need to label!
- 3. Your information on pre-printed full-color labels:** We offer many professionally designed full-color labels with space to print your information. Most people print their name, address, phone number, and weight (to be legal for sales), but we can print any message!

STEP 1 Gather all the information you want to have printed on your label:

- > In general, we can fit **4 lines** on each label, and each line may have a maximum of **23 characters** (including spaces). You can do anything you wish with completely custom labels.
- > **NOTE: There are several variables that affect what text can go on your label: size of label, type of font, and characters used (all CAPS vs. lowercase).**

STEP 2 Place your order:

- > You can place an order online, on the phone with one of our Customer Service Representatives, or by mailing in your completed order form (near the end of this catalog). For completely custom labels, please call or email us at labels@betterbee.com to be sure we can make the label for you!
- > Even if you've ordered before, we will confirm with you what you'd like on your labels and take note of any changes.
- > If you are adding your own custom personalization to a label, please know what we charge a standardized \$10.95/roll to print 1-4 rolls, \$8.95/roll for 5-9 rolls, and \$6.95/roll for 10+ rolls.

STEP 3 Your proof lets you double-check your label before we print:

- > When you place your order we will ask you if you would like a proof. Please provide a valid email address where we can send your proof. Your proof will come from proofs@betterbee.com. There is a 2 proof limit. Additional proofs will be charged at \$10 each. If you would like a proof without placing an order, there will be a \$10 charge. Your proof fee will be applied to the custom print charge once an order has been placed.

STEP 4 Let the printing begin:

- > Allow us 2-3 business days to print your order from the day that you approve your proof. Completely custom orders take longer to set up and print (5-10 business days).
- > **Please call with any questions!** For inquiries about our current label printing timelines, please call us at **(800) 632-3379** or **(518) 314-0575**.

WHERE DO OUR LABELS FIT?

✓ **The die cuts below are actual size!** We recommend cutting out the size you're considering and putting it on your container to visualize how your label will look. Some other label sizes are available but not shown.

Small Rectangle

4" x 2"

Fits most round jars, including:

EZG, CSB16, CSB24, RPB5C, HJUG1, GJ1, TRB1C, RB5C, RB8C, RB12C, RB16C, HX8C, HX12C

The medium rectangle is 5-1/2" x 2-5/8" and fits most 5 lb. jars. The large rectangle is 8" x 4-3/8" and fits on our 1 gallon jars and 5 gallon pails.

Large Oval

2-5/8" x 4-1/2"

Fits the following:

PHB2, CB2C, GJ1, RB5C, QL4C

Mama Bear

1-1/2 x 2-1/2"

Fits the following:

PHB8, CB8C, PHB1, CB1C, PHB2, CB2C, UDHB, FPB24

Sister Bear

1-1/4 x 2-1/4"

Fits the following:

PHB8, CB8C, UDHB, FPB16, FPB24, HX8C, MUTH8

Brother Bear

1-7/16 x 1-3/4"

Fits the following:

PHB8, CB8C, UDHB, CSB16, CSB24, FPB8, FPB12, FPB16, HX12C

Uncle Bear

1-1/2 x 2"

Fits the following:

PHB8, CB8C, PHB1, CB1C, UDHB, CSB16, FPB8, FPB16, FPB24

Papa Bear

1-7/8 x 2-5/8"

Fits the following:

PHB8, CB8C, PHB1, CB1C, PHB2, CB2C, UDHB, EZG, CSB24, FPB24, TRB1C, SB212C

Jar Top Label

1-3/4" diameter

Fits the following:

HX5C, HX8C, RJ5, CB8C, CB1C, GB13C, HSKEPC

Small Oval

1-3/4" x 3"

Fits the following:

PHB8, CB8C, PHB1, CB1C, PHB2, CB2C, UDHB, TREM12, EJ3, CSB24, TRB1C, RB8C, MUTH1, TREM12, SB212C

Baby Bear

7/8" x 1-1/8"

Fits the following:

FPB2, HX2C, HX5C, MUTH4, MASONMINI

FULLY & SEMI-CUSTOMIZED LABELS

FULLY CUSTOM Labels

Do you have a pet, logo, or image you envision on your products? These are our only labels on which you can get your custom text or logo in full color! There's a one-time setup fee of \$25 or \$75 depending on the requested design.

Ready to order or have questions? Please call us at **800-632-3379** or email labels@betterbee.com to get started.

CLSO SMALL OVAL (1-3/4" x 3")	
Roll of 50	\$45.95
Roll of 250	\$79.95
Roll of 1000	\$196.95
CLLO LARGE OVAL (2-5/8" x 4-1/2")	
Roll of 50	\$49.95
Roll of 250	\$79.95
Roll of 1000	\$199.95
CLSR SMALL RECTANGLE (4" x 2")	
Roll of 50	\$45.95
Roll of 250	\$79.95
Roll of 1000	\$196.95
CLHS HALF SKEP (3" x 1-3/4")	
Roll of 50	\$49.95
Roll of 250	\$79.95
Roll of 1000	\$199.95
CLMS MINI HALF SKEP (2" x 1-1/4")	
Roll of 50	\$41.95
Roll of 250	\$77.95
Roll of 1000	\$192.95

CLBRO BROTHER BEAR (1-7/16" x 1-3/4")	
Roll of 50	\$41.95
Roll of 250	\$77.95
Roll of 1000	\$192.95
CLBABY BABY BEAR (7/8" x 1-1/8")	
Roll of 50	\$37.95
Roll of 250	\$73.95
Roll of 1000	\$188.95
CLLBT LIP BALM TUBE (1-3/4" x 2-1/4")	
Roll of 50	\$41.95
Roll of 250	\$77.95
Roll of 1000	\$192.95
CLJT JAR TOP (1-3/4" diameter)	
Roll of 50	\$37.95
Roll of 250	\$73.95
Roll of 1000	\$188.95

Check out our newest, semi-customizable printed labels!

- **OLGVP:** Large Oval (\$26.95 + printing)
- **OSMVP:** Small Oval (\$16.95 + printing)
- **FPBLBROVP:** Brother Bear (\$14.65 + printing)

- 1 BLACK FOLKSY POLKA
- 2 HARVEST COMB
- 3 WHITE FOLKSY POLKA
- 4 SELECT RESERVE
- 5 ROYAL VINTAGE WREATH
- 6 WILDFLOWER WONDER
- 7 BOTANICAL BOUQUET
- 8 WINE RED VINTAGE WREATH



CUSTOM CLEAR, GOLD, AND KRAFT Honey Label Families

These modern and sophisticated gold, clear, and kraft labels have nothing pre-printed on them, which means they can be used for practically anything you need to label!

Customers have used these upscale labels for infused honey, pollen, creamed honey, and even popcorn.

NOTE: Because of the individual attention we give to making this label just right for you, there is a one-time set-up fee (see bottom right) for the first time you print. Printing costs (see top of page 125) apply if you are reordering labels.

CUSTOM CLEAR LABEL

CL1 SMALL OVAL, Clear
1-3/4" x 3", Roll of 250 **\$19.49**

CL2 LARGE OVAL, Clear
2-5/8" x 4-1/2", Roll of 250 **\$29.89**

RCL1 SMALL RECTANGLE, Clear
4" x 2", Roll of 250 **\$27.79**

HSL1CL HALF SKEP, Clear
3" x 1-3/4", Roll of 250 **\$19.49**

HSL2CL MINI HALF SKEP, Clear
2" x 1-1/4", Roll of 250 **\$17.49**

FPBLBROCL
FLAT PANEL BROTHER BEAR, Clear
1-3/4" x 1-7/16", Roll of 250 **\$17.49**

FPBLBABYCL
FLAT PANEL BABY BEAR, Clear
7/8" x 1-1/8"
Roll of 100 **\$12.89**
Roll of 400 **\$30.89**

CUSTOM GOLD LABEL

GL1 SMALL OVAL, Gold
1-3/4" x 3", Roll of 250 **\$19.49**

GL2 LARGE OVAL, Gold
2-5/8" x 4-1/2", Roll of 250 **\$29.89**

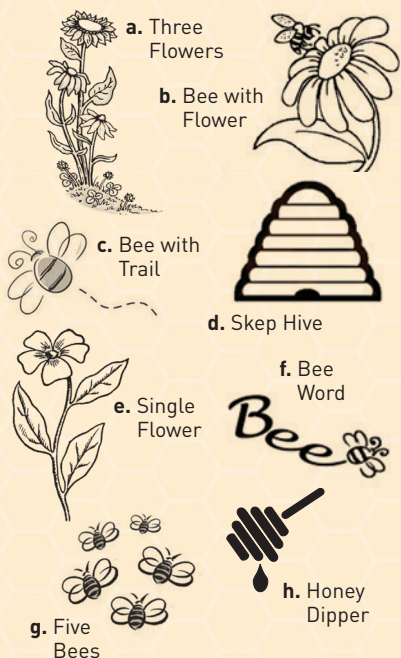
RGL1 SMALL RECTANGLE, Gold
4" x 2", Roll of 250 **\$27.79**

HSL1GL HALFSKEP, Gold
3" x 1-3/4", Roll of 250 **\$19.49**

HSL2GLD MINI HALF SKEP, Gold
2" x 1-1/4", Roll of 250 **\$17.49**



INCLUDED IN THE PRICE, WE'LL PRINT ANY ONE OF THESE DESIGNS, COLORS, AND FONTS!



Arial
Times New Roman
Comic Sans
Script MS



FPBLBROGLD
FLAT PANEL BROTHER BEAR, Gold
1-3/4" x 1-7/16", Roll of 250 **\$17.49**

FPBLBABYGL
FLAT PANEL BABY BEAR, Gold
7/8" x 1-1/8"
Roll of 100 **\$12.89**
Roll of 400 **\$30.89**

CUSTOM KRAFT LABEL

OKP1 SMALL OVAL, Kraft
1-3/4" x 3", Roll of 250 **\$19.49**

OKP2 LARGE OVAL, Kraft
2-5/8" x 4-1/2", Roll of 250 **\$29.79**

RKP1 SMALL RECTANGLE, Kraft
4" x 2", Roll of 250 **\$27.75**

HSL1KP HALF SKEP, Kraft
3" x 1-3/4", Roll of 250 **\$19.49**

HSL2KP MINI HALF SKEP, Kraft
2" x 1-1/4", Roll of 250 **\$17.49**

FPBLBROKP
FLAT PANEL BROTHER BEAR, Kraft
1-3/4" x 1-7/16", Roll of 250 **\$17.49**

FPBLBABYKP
FLAT PANEL BABY BEAR, Kraft
7/8" x 1-1/8"
Roll of 100 **\$13.19**
Roll of 400 **\$30.89**

ONE-TIME SET-UP FEE FOR CLEAR, GOLD & KRAFT LABELS

- Your text and one of 8 designs shown to the left **\$25.00**
- Your text and your one-color simple logo or illustration **\$50.00**

ADD YOUR OWN CUSTOM PERSONALIZATION :

1-4 ROLLS ADD \$10.95/ROLL

5-9 ROLLS ADD \$8.95/ROLL

10+ ADD \$6.95/ROLL



BEE SKEP Honey Label Family

Coordinate your entire product line with this family in our widest variety of shapes and sizes.

PRICES WITHOUT PERSONALIZATION:

OSL1 SMALL OVAL 1
(fits 1/2, 1, and 2 lb. jars)
1-3/4" x 3", Roll of 250 **\$17.49**

OSL2 LARGE OVAL 2
(fits most 2, 3, and 5 lb. jars)
2-5/8" x 4-1/2", Roll of 250 **\$27.79**

RSL1 SMALL RECTANGLE 3
(fits most round jars)
4" x 2", Roll of 250 **\$24.69**

RSCHL1 CREAMED HONEY 4
(fits most round jars)
4" x 2", Roll of 250 **\$24.69**

FPBLBABYS 5
FLAT PANEL BABY BEAR
7/8" x 1-1/8", Roll of 100 **\$13.19**
Roll of 400 **\$30.89**

FPBLBROSKEP 6
FLAT PANEL BROTHER BEAR
(fits 8 oz. and 12 oz. Bear)
1-3/4" x 1-7/16", Roll of 250 **\$15.19**

FPBLSISSKEP 7
(fits 8 oz. Muth Jar)
FLAT PANEL SISTER BEAR
1-1/4" x 2-1/4", Roll of 250 **\$15.19**

FPBLMAMASKEP 8
(fits 16 oz. Muth Jar)
FLAT PANEL MAMA BEAR
1-1/2" x 2-1/2", Roll of 250 **\$16.89**

FPBLUNCLESKEP 9
(fits 16 oz. Honey Bear)
FLAT PANEL UNCLE BEAR
2" x 1-1/2", Roll of 250 **\$15.39**

FPBLPAPASKEP 10
(fits 24 oz. Honey Bear)
FLAT PANEL PAPA BEAR
1-7/8" x 2-5/8", Roll of 250 **\$18.19**

HSL1SKEP 11
(fits 12 oz. Glass Half-Skep Jar)
HALF SKEP LABEL
3" x 1-3/4", Roll of 250 **\$19.49**

DAISY & SKEP HONEY LABEL FAMILY

DAISY + SKEP Label Family

- Artist-rendered illustrations showing where your bees live and work

PRICES **WITHOUT PERSONALIZATION:**

FPBLBRODSY 1

FLAT PANEL BROTHER BEAR
(fits 8 oz. and 12 oz. Bear)

1-3/4" x 1-7/16", Roll of 250 **\$15.19**

FPBLPAPADSY 2

FLAT PANEL PAPA BEAR
(fits 24 oz. Bear)

1-7/8" x 2-5/8", Roll of 250 **\$18.19**

ODL1 SMALL OVAL 3

(fits 1/2 lb., 1 lb., and 2 lb. jars)

1-3/4 x 3 in, Roll of 250 **\$17.49**

ODL2 LARGE OVAL 4

(fits most 2 lb., 3 lb., and 5 lb. jars)

2-5/8 x 4-1/2 in, Roll of 250 **\$27.79**

RDL1 SMALL RECTANGLE 5

(fits most round jars)

4" x 2", Roll of 250 **\$34.69**

RDL2 MEDIUM RECTANGLE 6

(fits most 5 lb. jars)

5-1/2" x 2-5/8", Roll of 250 **\$31.89**

RDL3 LARGE RECTANGLE 7

(fits 1 gal. jar and 5 gal. pail)

8" x 4-3/8", Roll of 100 **\$36.89**

ADD YOUR OWN CUSTOM PERSONALIZATION :

1-4 ROLLS ADD \$10.95/ROLL

5-9 ROLLS ADD \$8.95/ROLL

10+ ADD \$6.95/ROLL



FULL COLOR, PERSONALIZED LABELS

ADD YOUR OWN CUSTOM PERSONALIZATION :

1-4 ROLLS ADD \$10.95/ROLL

5-9 ROLLS ADD \$8.95/ROLL

10+ ADD \$6.95/ROLL



LAVENDER FIELDS Label Family

- Bees love lavender ALMOST as much as your customers will love this label

PRICES **WITHOUT PERSONALIZATION:**

FPBLBABYLAV

FLAT PANEL BABY BEAR
(fits 8 oz and 12 oz. Bear)

Roll of 100..... **\$13.19**

Roll of 400..... **\$30.89**

FPBLBROLAV

FLAT PANEL BROTHER BEAR
(fits 8 oz and 12 oz. Bear)

1-3/4" x 1-7/16", Roll of 250 **\$15.19**

OLF1 SMALL OVAL

(fits 1/2 lb., 1 lb., and 2 lb. jars)

1-3/4" x 3", Roll of 250 **\$17.49**

OLF2 LARGE OVAL

(fits most 2 lb., 3 lb., and 5 lb. jars)

2-5/8" x 4-1/2", Roll of 250 **\$27.79**

PURE AMERICAN Label Family

- The white background will stand out beautifully against your honey

PRICES **WITHOUT PERSONALIZATION:**

FPBLBROAMER

FLAT PANEL BROTHER BEAR
(fits 8 oz. and 12 oz. Bear)

1-3/4" x 1-7/16", Roll of 250 **\$15.19**

OBL1 SMALL OVAL

(fits 1/2 lb., 1 lb., and 2 lb. jars)

1-3/4" x 3", Roll of 250 **\$17.49**

OBL2 LARGE OVAL

(fits most 2 lb., 3 lb., and 5 lb. jars)

2-5/8" x 4-1/2", Roll of 250 **\$27.79**

RBL1 SMALL RECTANGLE

(fits most round jars)

4" x 2", Roll of 250 **\$24.69**

RBL2 MEDIUM RECTANGLE

(fits most 5 lb. jars)

5-1/2" x 2-5/8", Roll of 250 **\$31.89**

ADD YOUR OWN CUSTOM PERSONALIZATION :

1-4 ROLLS ADD \$10.95/ROLL
 5-9 ROLLS ADD \$8.95/ROLL
 10+ ADD \$6.95/ROLL



SUNDANCE Label Family

- The soft blue hues of the background sky make this label pop against your honey

PRICES FOR FULL-COLOR LABELS WITHOUT PERSONALIZATION:

- OSDCXS** X-SMALL OVAL (fits most plastic honey bears) 1-1/2" x 2", Roll of 250.....**\$15.39**
- OSDC1** SMALL OVAL (fits most 1 lb. and 2 lb. jars) 1-3/4" x 3", Roll of 250.....**\$17.49**
- OSDC2** LARGE OVAL (fits most 2 lb. and 5 lb. jars) 2-3/16" x 3-3/4", Roll of 250.**\$27.79**

SUNRISE Label Family

- Your customers will enjoy watching the sun rise over your golden honey with this label

PRICES FOR FULL-COLOR LABELS WITHOUT PERSONALIZATION:

- OSNRSXS** X-SMALL OVAL (fits most plastic honey bears) 1-1/2" x 2", Roll of 250 . **\$15.39**
- OSNRS1** SMALL OVAL (fits most 1 lb. and 2 lb. jars) 1-3/4" x 3", Roll of 250 .. **\$17.49**
- OSNRS2** LARGE OVAL (fits most 2 lb. and 5 lb. jars) 2-3/16" x 3-3/4", Roll of 250 **\$27.79**
- OSNRS3** HORIZONTAL OVAL (fits most 2 lb. and 5 lb. jars) 3" x 2", Roll of 250..... **\$27.79**

STRAWBERRY Label Family

- Classic backdrop with vibrant red coloring from the strawberries and flowers

PRICES FOR FULL-COLOR LABELS WITHOUT PERSONALIZATION:

- OSTRXS** X-SMALL OVAL (fits most plastic honey bears) 1-1/2" x 2", Roll of 250.....**\$15.39**
- OSTR1** SMALL OVAL (fits most 1 lb. and 2 lb. jars) 1-3/4" x 3", Roll of 250.....**\$17.49**
- OSTR2** LARGE OVAL (fits most 2 lb. and 5 lb. jars) 2-3/16" x 3-3/4", Roll of 250.**\$27.79**

ADD YOUR OWN CUSTOM PERSONALIZATION :

1-4 ROLLS ADD \$10.95/ROLL
 5-9 ROLLS ADD \$8.95/ROLL
 10+ ADD \$6.95/ROLL



LOCAL GOLD Label Family

- Show off your local, pure, and natural honey with this newly designed label

PRICES WITHOUT PERSONALIZATION:

- FPBLBROLOC1** FLAT PANEL BROTHER BEAR (fits 8 oz. and 12 oz. Bear) 1-3/4" x 1-7/16", Roll of 250.....**\$15.19**
- OL01** SMALL OVAL (fits 1/2 lb., 1 lb., and 2 lb. jars) 1-3/4" x 3", Roll of 250.....**\$17.49**
- OL02** LARGE OVAL (fits most 2 lb., 3 lb., and 5 lb. jars) 2-5/8" x 4-1/2", Roll of 250 .**\$27.79**

GOLD VINTAGE WREATH Label Family

- Choose this classic yet sophisticated spin on a vintage honey bottle label

PRICES WITHOUT PERSONALIZATION:

- FPBLBROWG** FLAT PANEL BROTHER BEAR (fits 8 oz. and 12 oz. Bear) 1-3/4" x 1-7/16", Roll of 250..... **\$15.19**
- OWG1** SMALL OVAL (fits 1/2 lb., 1 lb., and 2 lb. jars) 1-3/4" x 3", Roll of 250 **\$16.49**
- OWG2** LARGE OVAL (fits most 2 lb., 3 lb., and 5 lb. jars) 2-5/8" x 4-1/2", Roll of 250 . **\$27.79**

GOLDEN FLOW Label Family

- Honey dripping on the outside of this label showcases the honey inside

PRICES WITHOUT PERSONALIZATION:

- FPBLBROGF1** FLAT PANEL BROTHER BEAR (fits 8 oz. and 12 oz. Bear) 1-3/4" x 1-7/16", Roll of 250.....**\$15.19**
- OGF1** SMALL OVAL (fits 1/2 lb., 1 lb., and 2 lb. jars) 1-3/4" x 3", Roll of 250.....**\$17.49**
- OGF2** LARGE OVAL (fits most 2 lb., 3 lb., and 5 lb. jars) 2-5/8" x 4-1/2", Roll of 250 .**\$27.79**



HONEY JAR Label Family

PRICES WITHOUT PERSONALIZATION:

- FPBLBROHJ**
FLAT PANEL BROTHER BEAR
(fits 8 oz. and 12 oz. Bear)
1-3/4" x 1-7/16", Roll of 250 **\$15.19**
- OJL1** SMALL OVAL
(fits 1/2 lb., 1 lb., and 2 lb. jars)
1-3/4" x 3", Roll of 250 **\$17.49**
- OJL2** LARGE OVAL
(fits most 2 lb., 3 lb., and 5 lb. jars)
2-5/8" x 4-1/2", Roll of 250 .. **\$27.79**

HONEY BEAR Label Family

PRICES WITHOUT PERSONALIZATION:

- OBEARXS** X-SMALL OVAL
(fits most plastic honey bears)
1-1/2" x 2", Roll of 250 .. **\$14.39**
- OBEAR1** SMALL OVAL
(fits most 1 lb. and 2 lb. jars)
1-3/4" x 3", Roll of 250.... **\$17.49**
- OBEAR2** LARGE OVAL
(fits most 2 lb. and 5 lb. jars)
2-3/16" x 3-3/4", Roll of 250. **\$27.79**

SKEP + PINES Label Family

PRICES WITHOUT PERSONALIZATION:

- FPBLBROSP**
FLAT PANEL BROTHER BEAR
(fits 8 oz. and 12 oz. Bear)
1-3/4" x 1-7/16", Roll of 250 **\$15.19**
- OGL1** SMALL OVAL
(fits 1/2 lb., 1 lb., and 2 lb. jars)
1-3/4" x 3", Roll of 250 **\$17.49**
- OGL2** LARGE OVAL
(fits most 2 lb., 3 lb., and 5 lb. jars)
2-5/8" x 4-1/2", Roll of 250 .. **\$27.79**

PREMIUM OVAL Label Family

SMALL OVAL
1-3/4" x 3"

- OCL1** RED CLOVER
OAL1 BEE BALM
OPL1 PINK & PURE
ONL1 RIVER SCENE
Roll of 250..... **\$17.49**

LARGE OVAL
2-5/8" x 4-1/2"

- OCL2** RED CLOVER
OAL2 BEE BALM
OPL2 PINK & PURE
ONL2 RIVER SCENE
Roll of 250 **\$27.79**



ADD YOUR OWN CUSTOM PERSONALIZATION :

- 1-4 ROLLS ADD \$10.95/ROLL
- 5-9 ROLLS ADD \$8.95/ROLL
- 10+ ADD \$6.95/ROLL



VASE Label Family

- Lovely flowers against a black background will give your honey jars the classic, timeless look of a gallery painting

PRICES FOR FULL-COLOR LABELS WITHOUT PERSONALIZATION:

- OVASXS** X-SMALL OVAL
(fits most plastic honey bears)
1-1/2" x 2", Roll of 250 .. **\$15.39**
- OVAS1** SMALL OVAL
(fits most 1 lb. and 2 lb. jars)
1-3/4" x 3", Roll of 250 **\$16.39**
- OVAS2** LARGE OVAL
(fits most 2 lb. and 5 lb. jars)
2-3/16" x 3-3/4", Roll of 250 **\$27.79**

HARVEST FLOWERS Honey Label Family

- Plenty of room to write what you want and use this label for just about anything — beautiful and versatile

PRICES FOR FULL-COLOR LABELS WITHOUT PERSONALIZATION:

- HSL1HARVEST** HALF SKEP LABEL
(fits 12 oz. Glass Half Skep Jar)
3" x 1-3/4", Roll of 250 **\$19.49**
- OHF1** SMALL OVAL
(fits 1/2 lb., 1 lb., and 2 lb. jars)
1-3/4" x 3", Roll of 250 **\$17.49**
- OHF2** LARGE OVAL
(fits most 2 lb., 3 lb., and 5 lb. jars)
2-5/8" x 4-1/2", Roll of 250 .. **\$27.79**

MODERN SUNFLOWER Label Family

- This label celebrates the glorious sunflower, which Native American cultures believe represents harvest, bounty, provision, and more

PRICES FOR FULL-COLOR LABELS WITHOUT PERSONALIZATION:

- MSL1** SMALL SQUOVAL
(fits 1/2 lb., 1 lb., and 2 lb. jars)
2-5/8" x 4-1/2", Roll of 250 .. **\$22.59**
- MSL2** LARGE SQUOVAL
(fits most 2 lb., 3 lb., and 5 lb. jars)
2-3/4" x 4-1/2", Roll of 250 .. **\$30.89**

GRANULATION: ALL NATURAL HONEY WILL TURN SOLID. TO RELIQUIFY, PLACE JAR IN WARM WATER.
WARNING: DO NOT FEED HONEY TO INFANTS UNDER ONE YEAR.

BOTULISM + HONEY GRANULATION Warning Label

BG2 Warning Label 1-3/4" x 3/4"
1-4 Rolls of 500 Labels **\$12.39**
5+ Rolls of 500 Labels **\$11.39**

- The National Honey Packers & Dealers Association has recommended that all bottled honey be labeled: **Warning: Do not feed honey to infants under one year**
- We have combined that message with a granulation label to cut down on extra labeling costs and time



HONEYBEE Pollen Label

PRICES FOR FULL-COLOR LABELS WITHOUT PERSONALIZATION:

PL1 Roll of 100 . **\$13.39**

- A perfect way to add a personal and professional touch to jars or containers of bee pollen
- Features space for you to stamp your name and address, or you can let us custom print it for you
- 2-1/2" x 3-1/2", fits most round jars

ADD YOUR OWN CUSTOM PERSONALIZATION FOR AN ADDED COST:

1-4 ROLLS ADD \$10.95/ROLL
5-9 ROLLS ADD \$8.95/ROLL
10+ ADD \$6.95/ROLL

CUSTOMIZABLE Nutrition Facts Label

PRICES FOR FULL-COLOR LABELS WITHOUT PERSONALIZATION:

NL1 Roll of 100 **\$7.19**

- Required if you sell more than \$50,000/year in honey
- 1-11/16" x 3", fits most jars
- Roll of 100 labels

Nutrition Facts

Servings:
Serv. size: **1 Tbsp (21g).**

Amount per serving: **Calories 60**, Total Fat Og (0% DV), Sat. Fat Og (0% DV), Trans Fat Og, **Cholest.** Omg (0% DV), **Sodium** Omg (0% DV), **Total Carb.** 17g (6% DV), Fiber Og (0% DV), Total Sugars 17g (34% DV), **Protein** Og, Vit. D (0% DV), Calcium (0% DV), Iron (0% DV), Potas. (0% DV).

*One serving adds 17g of sugar to your diet and represents 34% of the Daily Value for Added Sugars.

PREPRINTED Nutrition Facts Label

LABELS FOR STANDARD BOTTLES

1-1/2" x 2-1/4" (NL8, NL16)
1-11/16" x 3" (NL2, NL22)

NL8 8 oz. Nutrition Label **\$7.19**
NL12 12 oz. **\$7.19**
NL16 16 oz. **\$7.19**
NL22 22 oz. **\$7.19**
NL2 2 lb. **\$7.19**

LABELS FOR BEARS

1-3/8" x 1-3/4"

NLFPB8 8 oz. Nutrition Label **\$7.19**
NLFPB12 12 oz. **\$7.19**
NLFPB16 16 oz. **\$7.19**

- The Federal government requires the use of this label if you sell more than \$50,000/year in honey
- Will fit most jars
- Package of 100 labels



CUSTOMIZABLE Jar Top Labels

PRICES FOR FULL-COLOR LABELS WITHOUT PERSONALIZATION:

JTL1 Jar Top Labels 1-3/4" diameter
Roll of 100 **\$5.89**

- **THE JAR TOP IS PRIME SELLING SPACE!** These are the perfect size for the caps on our glass bears or larger hex jars.
- **INK COLORS:** Blue, Green, Black, Brown, Red, and White.



I ♥ HONEY Jar Top Labels

HLABEL1 I LOVE HONEY
1" diameter, Pack of 100... **\$4.89**

HLABEL2 I LOVE HONEY
1-3/4" diameter, Pack of 100 **\$8.89**

- **SHOW YOUR LOVE!** When your honey is below eye level, these labels will help draw attention to your honey. Available in two sizes: small or large. **Please specify both wording and size when ordering.**



LOCAL HONEY Jar Top Labels

LHL1 Local Honey, Starburst
1" diameter, Pack of 100 **\$4.89**
1" diameter, Roll of 500 **\$21.89**

LHL2 Local Honey, Starburst
1-1/2" diameter, Pack of 100 . **\$6.89**
1-1/2" diameter, Roll of 500 . **\$30.89**

LHL3 Local Honey, Starburst
2" diameter, Pack of 100 **\$7.89**
2" diameter, Roll of 500. **\$35.89**

- Available in three sizes and three color combos (pictured above)
- Printed on clear acetate
- Also available in larger rolls



CUSTOMIZABLE Gold Foil Jar Top Labels

PRICES FOR FULL-COLOR LABELS WITHOUT PERSONALIZATION:

JTL1GLDFOIL GOLD FOIL Jar Top Labels
1-1/4" diameter
Roll of 100 **\$7.89**

- Gold foil label to affix to the top or side of your jar
- Works with the lip balm jar as well

CREAMED HONEY Jar Top Labels

CHL1 Creamed Honey Label
2" diameter,
Pack of 100 **\$8.19**

- Gold printing on black top label
- Reads: "Creamed Honey has been specially blended to make it spreadable. Fruit Creams have dried fruit added. Do not refrigerate."

ROUND LOCAL HONEY Jar Top Labels

LHLR Local Honey Label
1" diameter, Roll of 100 **\$4.89**
1" diameter, Roll of 500 ... **\$21.89**

- This bright yellow label stands out in the store or at the farm stand, and fits all the caps that we sell
- Also available in larger rolls



STAR LOCAL HONEY Jar Top Labels

LHUR Local & Raw, Starburst
1" diameter, Roll of 100 **\$4.89**
1-1/2" diameter, Roll of 100 . **\$6.89**
2" diameter, Roll of 100 **\$7.89**

LHUR500 Local & Raw, Starburst
1" diameter, Roll of 500 .. **\$26.89**
1-1/2" diameter, Roll of 500 **\$34.89**
2" diameter, Roll of 500 .. **\$35.89**

- Available in three sizes and two color combos: BLACK/GOLD and YELLOW/GREEN
- Also available in larger rolls

RAW HONEY Jar Top Labels

RHL1 Raw Honey, Starburst
1" diameter, Roll of 100 **\$4.89**
1" diameter, Roll of 500 **\$19.89**

RHL2 Raw Honey, Starburst
1-1/2" diameter, Roll of 100 . **\$6.89**

- Gold starburst with black writing
- Also available in larger rolls

TAMPER-EVIDENT Jar Top Labels

TPL1 Tamper-evident Label
(4-1/8" long)
1" top circle, Roll of 500 **\$26.59**

TPL2 Tamper-evident Label
(4-5/8" long)
1-3/4" top circle, Roll of 500 . **\$29.89**

- These labels will give your customers security, peace of mind, and may even increase your sales
- Just stick the circle to the cap and the "leg" to the jar so that once the cap is removed, the leg tears

CANDLE MAKING SUPPLIES

BETTERBEE Beginner's Complete Kit for Candle Making

BKC1 \$133.89

- Quick start your candlemaking journey with this kit
- Includes everything you need to get started fast and easy
- Makes 30 tealight candles and 12 votive candles.

This kit includes:

- Aluminum Pouring Pot
- The Candlemaker's Companion
- 3 lb. Cleaned Yellow Beeswax
- Metal 6-Candle Votive Mold
- 100 Plastic Tealight Cups
- Wicks for Tealights (100)
- Wicks for Votives (80)
- Thermometer
- Silicone Release Spray



LARGE Votive Candle Mold

VCT4 Votive Candle Mold \$39.89
VCTW1 Votive Candle Wicks \$7.19

- Makes six large traditionally-shaped votive candles on a sturdy aluminum frame
- **Pro Tip:** After the wax has cooled to room temperature, place in a freezer overnight and the candles will pop right out



RUBBER Votive Candle Mold

VCT2 Votive Candle Mold, Small .. \$35.89
VCT3 Votive Candle Mold, Large .. \$44.89

- The **small** mold makes 1-3/8" tall votives (using 1 oz. of wax per candle) with a stepped top
- The **large** makes 2" tall votives (using 1.8 oz. of wax per candle) with a flat top
- Each mold makes 4 candles



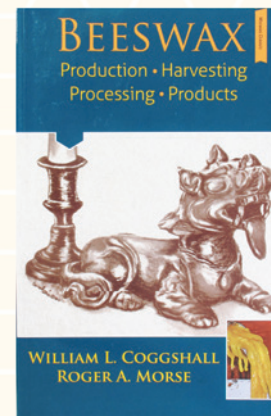
Candle Wicking

WICK1 Candle Wicking, 30 feet \$5.19
WICK1R Candle Wicking, 1/2 lb. \$15.49

- High-quality cotton wicking for all your candle making needs

Choose from the following styles:

- 1/0 Square Braid
- 2/0 Square Braid
- 60 ply
- 48-24 Zinc Core Wire
- 51-32 Zinc Core Wire
- #2 Wicking



Beeswax: Production, Harvesting, Processing, and Products

B203 \$24.69

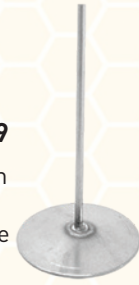
- The classic "everything you wanted to know and more" about beeswax
- Includes chapters on the chemistry of beeswax, foundation making, filtering, candle making, and "home products"
- 192 pages

CANDLE MAKING SUPPLIES

Votive Pin

VP1 Votive Pin..... \$1.89

- Increase efficiency with votive production
- First, place in the votive cup, pour and let cool, and tap the pin out
- Then, insert a votive pre-assembled wick
- You have a perfectly centered wick every time



Votive Wicks

VCTW1 \$7.19

- Save time with these pre-assembled candle wicks: just pop them into your mold and you're ready to pour
- Wick is cotton with a zinc core coated in wax and measures 3" long
- Comes in a package of approximately 80 wicks



Beeswax Alchemy

B149 \$26.79

- Offers a basic introduction to the art of extracting and purifying beeswax, as well as countless ideas for what to make with it
- These include skin care creams, candles, and other home products like beeswax ornaments and wax fabric
- 136 pages

WHICH WICK TO PICK?

1" diameter tapers
use 2/0 square braid or #2 wicking

Figures under 2" wide
use 1/0 square braid wicking

Votives/candles over 3" wide
use 51-32 zinc core wire

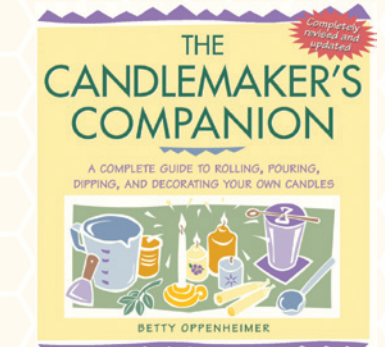
Votives/candles under 3" wide
use 44-24 zinc core wire
or pre-assembled votive wicks

Wide figures/pillars over 3" wide
use 60 ply

METAL Wicking Needle

WN1 Metal Wicking Needle \$6.89

- Use this 15" needle to help thread the wick for taper molds
- Also an essential item with our polyurethane molds; not needed with our silicone molds



The Candlemaker's Companion

B201 \$20.49

- A complete guide to rolling, pouring, dipping and decorating your own candles
- Filled with useful information and an excellent chapter on troubleshooting
- 199 pages

BEESWAX & MELTING POTS



BAYBERRY Candle Wax

BAYWAX1 1 lb. Bayberry Wax\$22.69

- Bayberry wax was traditionally blended with beeswax for special Christmas tapers that are reputed to bring good luck for the New Year
- Blending bayberry with beeswax (1:1) will also allow you to extend the use of the bayberry wax
- When used by itself, the 100% bayberry scent can be musky and overly powerful
- Bayberry wax also tends to stick in molds, and is easier to work with when blended with beeswax

SILICONE Release Spray

CR2 \$12.39

- This mold release spray helps to lubricate the mold and prevent sticking, especially on finer details
- Lightly apply silicone spray to mold, focusing on detailed areas, before pouring your wax



CITRUS Mold Cleaner

MOLDCLEAN..... \$13.89

- Clean your heavily used or dirty molds with our powerful citrus-based mold cleaning spray
- Removes wax, grease, and stains
- Works great on votive molds



3 CUP STAINLESS STEEL Pouring Pot

CPP2 Stainless Steel Pouring Pot ..\$25.69

- The long, plastic handle makes pouring easy and stays cool
- The 3 cup capacity is the perfect size for smaller projects



10 CUP ALUMINUM Pouring Pot

CPP1\$20.49

- The seamless aluminum construction makes it light and easy to handle
- The sturdy plastic handle stays cool
- Holds 4-6 lb. of wax



PURE Beeswax

WAXP1 1 lb. Beeswax Pastilles\$12.69
WAX1 1 lb. Beeswax Block.....\$11.89
WAX11 11 lb. Beeswax Block....\$115.00
WAX22 22 lb. Beeswax Block....\$215.00
WAX10Z 1 oz. Beeswax Bar.....\$0.99

- Choose from pastilles, blocks, or bars to make your candles, lip balms, and other crafts

We offer two varieties of beeswax:

- *Yellow Beeswax* has been heated and filtered, and varies in color from light yellow to orange-yellow.
- *White Beeswax* is a pure, unbleached beeswax that has been pressure filtered: Ideal for candles (will lighten regular beeswax when mixed together) and cosmetic

9 CUP STAINLESS STEEL Melting Pot

BM1\$30.89

- Fill the spout on the side of the pot with water to create a double boiler effect
- This double-walled design prevents your beeswax from coming into direct contact with your heat source
- Made to work with the Bain Marie Method



POLYURETHANE Taper Molds

TM6 Taper Mold, 6" Standard Style.....\$24.89
TM8 Taper Mold, 8" Standard Style.....\$26.89
TM10 Taper Mold, 10" Standard Style.....\$27.89

- These molds are durable, flexible, and ideal for beeswax or paraffin wax candles
- You will need a wicking needle (page 135) to thread each mold to get started, but then they are "self-wicking"
- Just pull the finished candle out and pull up a new wick



TAPER MOLD Holder

TMH1 Taper Mold Holder\$36.89

- Candles always come out straight and true, and up to 12 tapers can be poured at the same time
- Useful for both pouring and cooling taper candles
- Made of solid pine and comes fully assembled

TAPER Dipper & Vat

TDF1 Candle Dipper\$41.19
TDV1 Candle Dipper Vat.....\$41.19

- Makes 3 pairs of dipped tapers at a time
- Length is adjustable from 1" to 14"
- Made from galvanized steel and designed for water immersion only

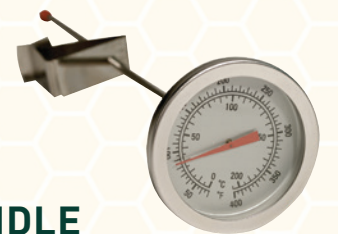


ALUMINUM CANDLE Base Formers

CBASE Candle Base Former\$51.49

- Choose between the fluted or smooth base former
- The **fluted** base aids in getting a snug fit in a candle holder and the **smooth** base former creates a hand-dipped look for poured tapers

TAPER & TEALIGHT MOLDS



CANDLE Thermometer

THERM1 Candle Thermometer ...\$13.89

- Stainless steel construction with a 2" glass dial
- Measures from 100-400°F



TEALIGHT Cup Molds

TLC100P Plastic Cup Molds.....\$14.39
TLC100M Metal Cup Molds.....\$13.39
TLCW1 Tealight Candle Wicks.....\$9.29

- Makes it easy to make beeswax tealights
- Holds 1/2 oz. of beeswax
- Use tealight wicks found on page 138



RUBBER Tealight Molds

RCTLM1 Rubber Tealight Mold\$51.49

- Makes 15 tealights, each with a center hole
- Just slip a wick into the candle and place in a tealight cup mold
- Pins included



KRAFT Candle Boxes

CBOXN7	\$1.89
CBOXN9	\$1.99
CBOXN11	\$2.09
CBOXN13	\$2.19
TBOXN1	\$1.79
VBOXN1	\$1.89

- This full line of rustic cardboard candle boxes with clear plastic lids show off your works of beeswax art
- Taper boxes have dividers between them to protect the candles from marring each other
- Add colored tissue paper to make your candles stand out more and to provide more protection in shipping
- Boxes do not include candles



CLEAR Plastic Candle Sleeving

CSL1 200 ft. Roll	\$11.29
-------------------------	---------

- The most economical method of packaging a pair of candles
- This 3" wide, 200 foot roll of plastic tubing can be heat-sealed, tied with a ribbon, or stapled



Skep Candle Label

CLSK	\$11.29
------------	---------

- This UV-coated label leaves room for the candle maker's information, encouraging return customers
- Made of paper that will need to be taped on your candles

SMALL + LARGE Wick Tabs

WT1 Small	\$1.99
WT2 Large	\$2.99

- These thick steel-coated tin sustainer bases make it easy to secure your candle wicks in both votives and tealights
- Use the large tabs with 60 ply wicking and the smaller tabs with any wicking other than the 60 ply
- Come in a pack of 100



PRE-ASSEMBLED Wicks for Votives + Tealights

TLCW1 Pre-Assembled Tealight Wicks 1.5 oz. bag, approx. 100	\$9.29
VCTW1 Pre-Assembled Votive Wicks 3 oz. bag, approx. 80	\$7.19

- Save time with these pre-assembled wicks
- **Note:** The votive wicks are coated with wax and are made of cotton with a zinc core



Candle Labels

CWL Candle Warning Label	\$9.29
CLG1 Gold Foil Beeswax Label	\$10.29

Both the candle warning label and gold foil beeswax label measure 3" x 1"

- Can be used with any type of candle
- Rolls of 100



100% BEESWAX Embossed + Colored Candle Sheets

CCS10 10 Candle Sheets	\$30.89
CCS100 100 Candle Sheets	\$247.00

- These 100% beeswax sheets are the top choice for rolling your own candles
- Each sheet makes 2 short, or 1 tall, taper candle, or 2 short pillar candles



METAL Candle Tins

TIN4 Metal Candle Tin, 4 oz. (1-1/4" x 2-1/2")	\$1.59
TIN8 Metal Candle Tin, 8 oz. (2" x 3")	\$1.99

- These candle tins are very popular for making self-contained candles and can be reused
- The covers can be closed when not in use
- We recommend using wick tabs with #2 wick for the 4 oz. and 60 ply wick for the 8 oz. candles



HANDMADE Beeswax Candles

- Betterbee is pleased to offer 100% beeswax candles made with molds we carry
- We provide a variety of candles in yellow wax
- White wax is available for special order only
- Candles are primarily made to order with small batches made during the holiday season

BWT8 8" Taper, Pair Standard or Colonial	\$12.00
BWT10 10" Taper, Pair Standard, Hex, or Colonial	\$14.40
BWT12 12" Taper, Pair Standard or Hex	\$15.40
BWV4Y Votive 4-Pack	\$12.30
BWTL12Y Tealight 12-Pack	\$14.40

POURED BEESWAX CANDLES (MOLDS CAN BE FOUND ON THE NEXT FEW PAGES)

CANDLEBCS Bear Climbing Skep ..	\$7.50
CANDLEBEECYLINDER Bee Cylinder	\$15.40
CANDLECARVEDEGG Carved Egg ..	\$13.00
CANDLEMEDCONE Medium Pinecone	\$8.60
CANDLELAVEGG Egg Lavender	\$9.30
CANDLEFADINGROSE Fading Rose	\$14.70
CANDLEFANCY Fancy Pillar	\$13.00
CANDLEOLDSKEP Old Skep	\$7.80
CANDLEOWL Owl	\$5.20
CANDLEPUMPKIN Pumpkin	\$7.70
CANDLESKEP Petite Skep	\$7.50
CANDLESPARROW Sparrow #1	\$7.80
CANDLESPARROW3 Turning Sparrow	\$7.70
CANDLESMHONEYCOMB Small Honeycomb	\$5.00
CANDLESNOWFLAKEBALL Snowflake Ball	\$8.20
CANDLESNOWFLAKECYLN Snowflake Cylinder	\$8.70
CANDLETREE Tree	\$8.90
CANDLETURKEY Turkey	\$10.00
CANDLETURTLE Turtle	\$5.00

BEESWAX Candle Booklet

CBK100	\$12.39
--------------	---------

- Place these booklets in a candle box or tie directly to a pair of candles
- Measures 2-1/8" x 1-1/2"
- Pack of 100 booklets



LYSON DECORATIVE MOLDS

LYSON SILICONE Candle Molds

These silicone molds are soft, creating greater detail. The slit down the entire side of the mold makes for easy removal.

We've selected the following candles from the vast Lyson line as our favorites, and arranged them by subject.

Visit www.betterbee.com to shop for more candle molds!



Orchid Cylinder

SIZE: 5.1" tall
WAX: 16 oz.
WICK: #2
FS56 \$48.39



Cast Pillar

SIZE: 3.75" tall
WAX: 12.5 oz.
WICK: 60 ply
FS61 \$37.89



Cylinder with String

SIZE: 2.75" tall
WAX: 6.0 oz.
WICK: 60 ply
FS144 \$29.79



Cube Hive w/ Bee

SIZE: 2.4" tall
WAX: 4.4 oz.
WICK: 60 ply
F007 \$33.89



Bee Cylinder

SIZE: 6" tall
WAX: 11.5 oz.
WICK: 60 ply
FS51 \$39.19



Curled Taper

SIZE: 7.8" tall
WAX: 1.4 oz.
WICK: #2
F128 \$30.89



Spruce Tealight

SIZE: 2.3" tall
WAX: 0.7 oz.
WICK: #2
FS489 \$14.39



Engraved Cylinder

SIZE: 4.33" tall
WAX: 10 oz.
WICK: 60 ply
FS09 \$40.19



Engraved Cone

SIZE: 7.5" tall
WAX: 4.6 oz.
WICK: 60 ply
FS07 \$41.19



Rose Tealight

SIZE: 1.4" tall
WAX: 0.7 oz.
WICK: 1/0
FS40 \$13.39



Curled Cylinder

SIZE: 3.25" tall
WAX: 9.4 oz.
WICK: 60 ply
FS142 \$27.79



Pyramid Tree

SIZE: 8" tall
WAX: 8.6 oz.
WICK: #2
FS28 \$50.49



Clover Tealight

SIZE: 0.7" tall
WAX: 0.7 oz.
WICK: 1/0
FS503 \$13.39



Easter Lamb

SIZE: 2.76" tall
WAX: 4 oz.
WICK: #2
FS89 \$41.19



Hare

SIZE: 2.76" tall
WAX: 1.4 oz.
WICK: #2
FS127 \$23.69



Lavender Egg

SIZE: 3" tall
WAX: 3.7 oz.
WICK: 60 ply
FS163 \$24.69



Hare w/ Carrot

SIZE: 2.36" tall
WAX: 0.8 oz.
WICK: #2
F105 \$17.49



Cylinder w/ Christmas Trees

SIZE: 3" tall
WAX: 6.5 oz.
WICK: 60 ply
FS27 \$31.89



Rabbit

SIZE: 1.63" tall
WAX: 1.5 oz.
WICK: #2
FS86 \$20.49



Crochet Egg

SIZE: 3.25" tall
WAX: 4.8 oz.
WICK: 60 ply
FS161 \$30.89



Chick in Egg

SIZE: 3.75" tall
WAX: 4.8 oz.
WICK: 60 ply
FS74 \$30.89



Snowflake Ball

SIZE: 2.63" tall
WAX: 6.7 oz.
WICK: 60 ply
FS04 \$35.89



Small Nativity

SIZE: 3" tall
WAX: 1.0 oz.
WICK: 1/0
F005 \$27.79



Manger Scene

- Create your own beeswax figure nativity scene with our set of Lyson molds
- Includes 11 molds but does not include manger setup

Includes: Gaspar (F159), Melchior (F165), Balthazar (F166), Saint Joseph (F171), St. Mary Statue (F172), Shepherd with Lamb Mold (F173), Cow (F174), Horse (F175), Holy Child in Crib (F176), Calf (F178), and optional Angel with Sash (F118).

FSMANGER Manger Scene \$149.00



Holy Family

SIZE: 7.87" tall
WAX: 13.7 oz.
WICK: 60 ply
FS14 \$82.39



Large Decorated Tree

SIZE: 7.8" tall
WAX: 9.9 oz.
WICK: 60 ply
FS17 \$61.79



Modern Angel
 SIZE: 4.33" tall
 WAX: 7.23 oz.
 WICK: #2
 FS10 \$41.19



Praying Angel
 SIZE: 4" tall
 WAX: 3 oz.
 WICK: #2
 FS322 \$51.49



Tree w/ Presents
 SIZE: 4.5" tall
 WAX: 7.1 oz.
 WICK: 60 ply
 FS20 \$51.49



Fir Tree
 SIZE: 5.5" tall
 WAX: 6.2 oz.
 WICK: 60 ply
 FS22 \$56.59



Snowflake Cylinder
 SIZE: 4.25" tall
 WAX: 7.1 oz.
 WICK: 60 ply
 FS03 \$30.89



Fading Rose
 SIZE: 4.5" tall
 WAX: 8.1 oz.
 WICK: 60 ply
 FS35 \$49.39



Small Rose
 SIZE: 1.6" tall
 WAX: 1.06 oz.
 WICK: #2
 FS37 \$19.49



Petite Rose
 SIZE: 1.75" tall
 WAX: 0.3 oz.
 WICK: 1/0
 FS38 \$13.39



Floating Daisy
 SIZE: 1.97" tall
 WAX: 0.7 oz.
 WICK: #2
 FS39 \$15.39



Thin Pinecone
 SIZE: 3.15" tall
 WAX: 1.3 oz.
 WICK: #2
 F141 \$18.49



Poinsettia
 SIZE: 2.75" tall
 WAX: 6 oz.
 WICK: 60 ply
 FS487 \$46.29



Gnome
 SIZE: 4.4" tall
 WAX: 5.7 oz.
 WICK: 60 ply
 FS425 \$56.59



Small Gnome
 SIZE: 3.75" tall
 WAX: 4.6 oz.
 WICK: 60 ply
 FS492 \$44.29



Skep w/ Bees
 SIZE: 2.95" tall
 WAX: 3.5 oz.
 WICK: #2
 F010 \$23.69



Small Skep w/ Bees
 SIZE: 1.77" tall
 WAX: 1.2 oz.
 WICK: #2
 F016 \$16.49



Leafy Apple
 SIZE: 2.36" tall
 WAX: 7.1 oz.
 WICK: 60 ply
 FS45 \$34.89



Medium Pinecone
 SIZE: 3" tall
 WAX: 2.9 oz.
 WICK: #2
 FS02 \$34.89



Acorn
 SIZE: 2.75" tall
 WAX: 4.1 oz.
 WICK: 60 ply
 FS486 \$30.89



Little Hen
 SIZE: 3.5" tall
 WAX: 3 oz.
 WICK: #2
 FS79 \$29.89



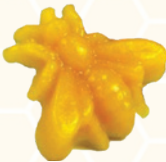
Rooster
 SIZE: 3.5" tall
 WAX: 4.4 oz.
 WICK: 1/0
 FS76 \$51.49



Tall Honeycomb
 SIZE: 6.1" tall
 WAX: 2.2 oz.
 WICK: #2
 F018 \$27.79



Small Hive
 SIZE: 2.76" tall
 WAX: 4.3 oz.
 WICK: 60 ply
 FS205 \$36.89



Small Bee Tart
 SIZE: 1.2" tall
 WAX: 0.1 oz.
 WICK: None
 F013 \$9.29



Short Honeycomb
 SIZE: 2.9" tall
 WAX: 1.3 oz.
 WICK: #2
 F017 \$20.59



Easter Egg
 SIZE: 1.6" tall
 WAX: 1.3 oz.
 WICK: #2
 F031 \$18.49



Moorhen
 SIZE: 2.63" tall
 WAX: 3.1 oz.
 WICK: #2
 FS77 \$36.89



Singing Sparrow
 SIZE: 2" tall
 WAX: 1.6 oz.
 WICK: #2
 FS91 \$30.89



Elephant
 SIZE: 3.54" tall
 WAX: 2.5 oz.
 WICK: #2
 FS96 \$25.69



Cat w/ Scarf
 SIZE: 4" tall
 WAX: 3 oz.
 WICK: #2
 FS122 \$33.89



Little Dog
 SIZE: 2.36" tall
 WAX: 1.2 oz.
 WICK: #2
 F134 \$17.49



Owl
 SIZE: 2" tall
 WAX: 1.3 oz.
 WICK: #2
 FS112 \$17.49



Turtle
 SIZE: 1.63" tall
 WAX: 0.93 oz.
 WICK: #2
 FS111 \$20.59



Scan the QR code to browse our 250+ silicone and polyurethane candle molds.

POLYURETHANE MOLDS

POLYURETHANE Candle Molds

- These polyurethane candle molds allow for hundreds of candle pours if you handle them carefully.
- Many of the molds are extremely detailed with delicate pieces, so we recommend handling them with care
- The listed dimensions are the final size of the finished candle



Petite Skep

SIZE: 2" x 2"
WAX: 2.2 oz.
WICK: #2
RFM61 \$25.69



Bear + Skep

SIZE: 2.5" x 2"
WAX: 1.92 oz.
WICK: #2
RFM13 \$28.79



Turkey

SIZE: 3" x 3"
WAX: 4.3 oz.
WICK: 60 ply
RFM41 \$51.39



Happy Bee

SIZE: 3.5" x 1.5"
WAX: 4 oz.
WICK: #2
RFM62 \$39.89



Buzzing Bee Cylinder

SIZE: 3" x 3"
WAX: 8.3 oz.
WICK: 60 ply
RFM64 \$33.89



Pinecone

SIZE: 3.75" x 1.75"
WAX: 3.04 oz.
WICK: #2
RFM39 \$33.89



Christmas Tree

SIZE: 5.25" x 1.75"
WAX: 4 oz.
WICK: #2
RFM57 \$53.39



Jumbo Pinecone

SIZE: 3" x 5"
WAX: 13 oz.
WICK: 60 ply
RFM59 \$53.49



3x5 Cylinder

SIZE: 3" x 5"
WAX: 16.3 oz.
WICK: 60 ply
RFM51 \$38.39



Ancient Pillar

SIZE: 3.5" x 3"
WAX: 14.5 oz.
WICK: 60 ply
RFM63 \$41.89



Carved Egg

SIZE: 4.25" x 3"
WAX: 7.36 oz.
WICK: 60 ply
RFM21 \$39.89



Fancy Pillar

SIZE: 5" x 1.5"
WAX: 8 oz.
WICK: 60 ply
RFM60 \$37.89



Beehive Votive Mold

CUSTOMER FAVORITE! This one unique mold features three cavities to produce three small skep votive candles.

SIZE: 1.88" x 2.25"
WAX: 1.75 oz. per candle, 5.25 oz. total
WICK: #2
RFM12 \$43.29

BEESWAX CAKE MOLDS



PLASTIC Hex Cake Mold

PBMHX Hex Cake Mold \$14.89

- Two different molds in one!
- 3 cakes show a honey bee and flower and feature the word BEESWAX
- **Cavities per mold:** 6 (3 of each)
- **Holds:** 0.93 oz. of wax per mold
- We recommend keeping your wax temperature between 150-170°F to not melt the mold



SILICONE Cake Mold

SCM16 Silicone Cake Mold, 1.1 lb. . \$56.89

- Create your own beautiful beeswax cakes with the word "Beeswax" embossed on each cake
- Very flexible and long lasting mold
- **Holds:** 1.1 lb. of wax per mold



PLASTIC Queen Bee Cake Mold

PBMQB Queen Bee Cake Mold \$12.89

- A classic hex shape with a highly detailed queen proud and center
- **Cavities per mold:** 3
- **Holds:** 0.93 oz. of wax per mold
- We recommend keeping your wax temperature between 150-170°F to not melt the mold



PLASTIC BAR Cake Mold

PBMBR Bar Cake Mold \$12.89

- Produces a simple bar containing the word BEESWAX
- **Cavities per mold:** 5
- **Holds:** 1.1 oz. of wax per mold
- We recommend keeping your wax temperature between 150-170°F to not melt the mold



PLASTIC Tart Mold

TMC1 Wax Tart, Celtic Round \$11.79
TMB1 Wax Tart, Honey Bee \$11.79

- These molds make small beeswax tarts that can be remelted in tart burners, used for lip balm and salve projects, or sold at farmers' markets
- **Cavities per mold:** 8
- **Holds:** 0.6 oz. of wax per mold
- We recommend keeping your wax temperature between 150-170°F to not melt the mold



BOW TIE Wick Bar

WB1 Bow Tie Wick Bar \$1.49

- This durable and reusable metal wick bar centers the wick on your container candles
- Feed the wick through the slot and place on top of container
- Works with any container 3-1/2" or less in width

ALL ABOUT CANDLES & WICKS:

✓ WHICH WICK SHOULD I USE?

Wick size plays an important role in the final candle results. There are many factors that dictate the wick size required for each candle. A properly wicked candle will have a melt pool almost the entire diameter of the candle and about 1/4" deep.

A pool deeper than 1/4" is an indicator that the wick is too thick. A candle that "pits" or burns straight down the center may have a wick that is too thin. Do a test burn to determine the proper wick size for a particular candle diameter. **Still unsure about wick sizing? View our wicking guide on page 82.**

✓ WHY DID MY CANDLES TURN WHITE?

This is a natural process for beeswax and is called a bloom. It is most common when the candle has been exposed to many temperature changes. You can remove the bloom by wiping it off with a soft cloth or by very gently blowing a hair dryer across it.



BETTERBEE DELUXE Beginner's Soap Making Kit

BKS Soap Making Kit **\$133.85**

- Everything you need to make 20+ bars of your own all-natural cold-process soap is included in this kit

Features these products:

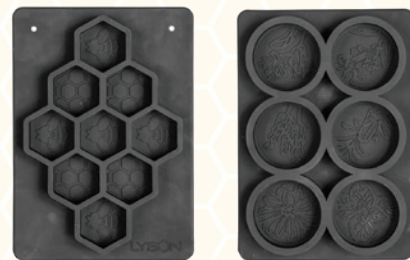
- Deluxe Digital Scale
- *Soap Crafting* by Anne-Marie Faiola
- Thermometer
- "Handmade" Soap Mold
- Soap Making Lye, 2 lb.
- Coconut Oil (1.9 lb.), Sweet Almond Oil (16 oz.), Palm Oil (1.7 lb.)
- Reusable Gloves + Safety Glasses



INDIVIDUAL Soap Molds

FM007 Jar of Honey Soap Mold..... **\$6.89**
FM003 Bee Soap Mold **\$6.89**
FM002 Hexagon Oval Soap Mold..... **\$6.89**

- These reusable, dishwasher-safe molds are made of light, pliable, and flexible material



MULTIPLE Soap Molds

FM015 9 Soap Mold, Hexagons..... **\$12.89**
FM013 6 Soap Mold, Flowers **\$12.89**

- Make 6 or 9 soaps at one time!
- These decorative molds are reusable, dishwasher-safe, and made of flexible material
- Choose from a mold featuring small, detailed hexagons or flowers



Soap Making Books

B301 The Soapmaker's Companion **\$20.59**
B303 The Natural Soap **\$15.39**
B306 Soap Crafting..... **\$20.59**

- Learn how to make your own soap from a variety of masters of the craft



BEE CREST Soap Mold

SMGS1 Bee Crest **\$11.29**

- Make your guests feel like royalty!
- **Cavities per mold:** 5
- **Size:** 2-1/2" D x 3/4" H



BEE + HIVE Soap Mold

RHCM1 Bee + Hive **\$11.89**

- Classic hex with honey bee proud and center
- **Cavities per mold:** 4
- **Size:** 2-3/8" D x 7/8" H



SKEP Soap Mold

RSM1 Skep **\$9.89**

- Classic skep hive with worker bees
- **Cavities per mold:** 3
- **Size:** 2-3/4" D x 1-1/4" H



DELUXE Digital Scale

SCALE2 Deluxe Scale **\$49.89**

- This 5000 gram (11 lb.) capacity scale displays weight in pounds, ounces, or grams
- Can also be set to display volume
- This unique volume feature allows liquid volume measurements when a recipe lists for volume but not weight
- Includes a chart to help you know the density of various liquids



LIP BALM Filling Tray

LBTRAYS Lip Balm Filling Tray ... **\$19.89**

- A must-have for efficiently filling lip balm tubes
- This handy filling tray will simplify the filling of 50 standard lip balm tubes
- The top of the tray can be scraped of excess lip balm with included spatula for a nice finished product



BETTERBEE DELUXE Beginner's Lip Balm Making Kit

LBK1 Lip Balm Making Kit **\$34.00**

- This kit makes a great gift for anyone crafty in your life, or for yourself
- We've scaled down our own popular recipe to provide a complete kit for making your own lip balm
- Includes everything you need to make 25 tubes of lip balm, including instructions

The kit includes:

- Beeswax Pastilles
- Sweet Almond Oil
- Wintergreen, Vanilla and Strawberry Flavors
- 25 Lip Balm Tubes
- 25 Lip Balm Labels
- 25 PVC Shrink Wraps
- 3 Pipettes
- Complete, easy-to-follow, step-by-step instructions

Making Aromatherapy Creams & Lotions

B304 **\$17.49**

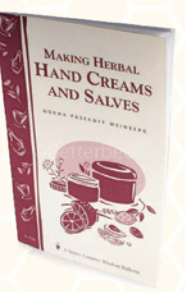
- The founder of the company "Handmade Toiletries" teaches people how to prepare natural skin care products of all kinds through a simple five step process
- 163 pages



Making Herbal Salves

B307 **\$4.19**

- Features more than 20 easy-to-follow recipes that will improve the quality of your skin
- Author Norma Weinberg offers expert advice on how to heal dry skin, how to soften tough calluses, as well as how to choose the right commercial salves and soaps to use
- 31 pages





ESSENTIAL Oils

EOIL1 Essential Oil	
Lavender, 1 oz.	\$13.74
Peppermint, 1 oz.	\$13.69
Sweet Orange, 1 oz.	\$7.49
Lemongrass, 1 oz.	\$7.94
Wintergreen, 1 oz.	\$9.39
Anise, 1 dram	\$7.04

- Essential oils are the essences that are extracted from various plant parts
- Use them for scenting your soaps and candles

HIGH TEST LYE for Soap Making

LYE2LB 2 lb.	\$15.69
LYE10LB 10 lb.	\$44.89

- Finding lye for soapmaking is becoming increasingly difficult
- This high test lye is perfect for the soap maker
- Our grandmothers used this product with considerable care and caution and you should do the same



Sweet Almond Carrier Oil

SA1 16 oz. **\$10.89**

- Used in smaller quantities with base oil in soap recipes
- Also used as a main ingredient in massage oils and infusions



Coconut Base Oil

COC1 1.9 lb. **\$11.29**

- Makes a hard soap with large, creamy bubbles
- The wide mouth opening of these jars allows for easy access
- A must-have ingredient in making "cold-process" soaps



Cocoa Butter

COCOA 1 lb. Tub. **\$24.79**

- This cocoa butter has a chocolate odor, is considered vegan, and includes no preservatives
- Can be used as a moisturizer



Palm Base Oil

PAL1 1.7 lb. **\$9.29**

- Makes a long-lasting soap with small, creamy bubbles
- The wide mouth opening of these jars allows for easy access
- A must-have ingredient in making "cold-process" soaps



Castor Oil

CASTOR16OZ 16 oz. **\$9.29**
CASTOR7LB 7 lb. **\$43.29**

- Produced from the seeds of the tropical castor bean plant
- It has a unique fatty acid makeup that makes for a wonderful rich lather in handmade soap



Refined Shea Butter

SHEA1 1 lb. Tub **\$11.89**

- Helps soften and protect skin from drying
- It's refined, not bleached, and retains a mild, characteristic odor
- A nice addition to your lotions, balms, salves, and soaps



SKIN CREAM Jar Topper

PRICES WITHOUT PERSONALIZATION:

SCL1 Skin Cream Jar Topper **\$11.89**

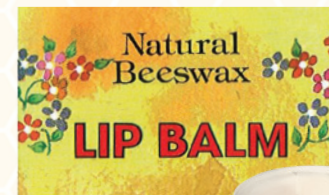
- These 1-5/8" labels are a perfect fit for our 2 oz. jars
- Roll of 100
- Ingredients NOT printed on the label
- See **page 121** for custom printing details

LIP BALM Jar Topper

PRICES WITHOUT PERSONALIZATION:

LBL2 Lip Balm Jar Topper **\$9.29**

- These 1-1/4" labels will help you sell your jars of lip balm
- Roll of 100
- Up to 3 lines of personalization available: see **page 121** for custom printing details



LIP BALM Tube Labels

LBL1 Lip Balm Tube Labels **\$13.39**

- Add a professional touch to your lip balm with up to 6 lines of personalization (see **page 121** for more information)
- Each label measures 2-1/4" high x 1-3/4" long
- Roll of 100



SKIN CREAM + LIP BALM Containers

- Skin cream and lip balm are easy to make and can earn you high profits
- Just fill these empty containers with your own recipe
- All jars include a cap
- We sell labels for each of these items

LBJ1 Lip Balm Jar, 0.25 oz. (1-1/4" x 1-1/4") **\$0.49**

LBT25 Lip Balm Tube, 0.15 oz. (2-5/8" x 5/8") **\$8.89**

PSCJ2 Skin Cream Jar, 2 oz. (2" x 2-1/4") **\$0.84**

PSCJ8 Skin Cream Short Jar, 8 oz. (2-3/4" x 3-1/2") **\$1.69**

STIN1 Round Metal Tin, 4 oz. (1" x 3") **\$1.65**

LBTIN2 Rectangular Metal Tin, 1/4 oz. (2" x 1" x 3/8") **\$0.79**



SKIN CREAM Label

SCL3 Skin Cream Labels **\$15.89**

- A perfect fit for our 8 oz. jar
- These rectangular labels measure 5-1/2" x 1-3/8"
- Roll of 100
- Can be personalized: see **page 121** for more information

HONEY SOAP & BETTERBEE SKINCARE



ALL NATURAL Country Honey Soap + Label

- SOAPN1L Country Soap w/ Label ... \$5.19
- SOAPN1 Country Soap, NO Label ... \$4.49
- SOAPN1C Country Soap, NO Label
Case of 120 Bars..... \$411.00
- SOAPLABEL Honey Soap Label ... \$0.25

OUR MOST POPULAR IMPULSE BUY!

- Made in small batches in Vermont, this soap is poured into wooden molds and cured for over one month
- The label includes all the natural ingredients, gives an overview on how this soap is made, and also has a place to put your name and address



BETTERBEE NATURAL Lip Balm

- LIP1 Lip Balm, 0.25 oz. Jar \$3.39
- LBT1 Lip Balm, 0.125 oz. Tube..... \$3.39

- Our Beeswax Lip Balm contains a unique blend of beeswax, natural oils, and other natural ingredients
- Complete with a varietal label, with room for your own address label on the side (for the jars only)
- Lip balm tubes are labeled and sealed with a heat shrink sleeve
- **Available flavors:** Wintergreen, Cherry, Pure n' Simple, Cinnamon, Strawberry, Honey, and Raspberry



BETTERBEE NATURAL Beeswax Moisturizing Skin Cream

- BHC1 Unscented Moisturizing Skin Cream, 8 oz. Jar \$11.29
- BHC2 Skin Cream, 2 oz. Jar \$5.59

- This simple, natural cream has been developed from a centuries-old Scandinavian recipe designed to soothe and moisturize skin affected by those cold, dry Northern winters
- Beekeepers and anyone who wants to soften their skin can use this healing product in any season
- **Available scents:** Lavender, Lemongrass, Lilac, Rose, and Unscented

PURE ALPINE SWISS Honey Soap

- SOAPSB2 Swiss Honey Soap, 2-Bar Gift Box
1-2 Boxes \$14.89
3+ Boxes \$14.39
- SOAPS1 Swiss Honey Soap, NO Box
1-11 Bars \$6.69
12+ Bars \$6.45
- SOAPS1CASE Swiss Honey Soap, Case of 24 Bars
No Box, All 1 Scent..... \$129.00

- Each bar is made in Vermont and contains pure honey and provides a luxurious bathing experience
- The **2-bar gift box** contains two 3.5 oz. soaps (3" in diameter)
- Single bars also available
- **Available scents:** Honey, Royal Jelly, Goat's Milk, and Calendula



METAL Honey Sign

- SIGN1 Metal Honey Sign.....\$24.89

- 18" x 12"
- A beautiful, complementary aluminum sign for your honey sales stand
- Ideal for placement behind a display of honey in a store or on the outside wall of a farm stand
- For roadside use, it needs to be mounted on plywood

ALUMINUM Warning Sign



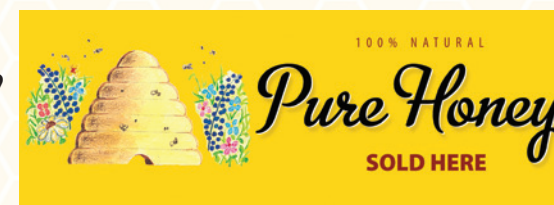
- BYS2 Bee Yard Warning Sign \$5.89

- 11-1/4" square
- Some bee yard signs portray bees in a negative manner. Yes, we want people to stay away — but it would be better if they did so out of respect, rather than fear
- Made of solid aluminum, enameled

SOLD HERE Honey Banner

- BANNER1 \$61.79

- 6' x 2'
- Make your honey display stand out with our full-color, heavy-duty vinyl, honey banner



PLASTIC Honey Sign

- SIGN2 Plastic Honey Sign.....\$24.89
- FRAME1 Step-In Metal Frame \$35.89

- 24" x 18"
- Made of heavy-gauge, weatherproof plastic, printed on both sides
- Mount in a wooden frame on a post or use our specially designed steel frame (as shown above)



HONEY BEE Educational Posters

- MPOST2 Life Cycle Poster.....\$17.89
- POSTR1 Bee Attitudes Poster \$12.39
- POSTR2 Bee-ology Poster \$12.39

- Showcase the life cycle, biology, and other information about honey bees proudly with these fun, knowledge packed posters

GIFTS & MISCELLANEOUS HONEY SALE SIGNS



PLASTIC Honey Sign

- SIGN3 Plastic Honey Sign \$37.89

- 36" x 24"
- Printed on both sides on heavy gauge plastic
- Drill holes in each of the corners and wire it to a 3 x 4 foot frame, then paint the frame the same color as the sign

BEEKEEPIN' IT REAL Vinyl Sticker

- DECALBKITREAL .. \$2.00

- 3" diameter
- Show off your beekeeping pride by slapping one of these decals on the back of your car, on your laptop, or anywhere you like to show off a little flair
- Made of thick, durable vinyl



HONEY BEE Bee Vehicle Decals

- DECAL \$2.00

- 3" x 5"
- Each decal boldly conveys a simple, concise, and clear message
- Advertise your hobby by displaying this decal in your car or truck

THE BEEKEEPER'S BOOKSHELF

PERFECT FOR BEGINNING BEEKEEPERS:



THE BEEKEEPER'S HANDBOOK

B101 The Beekeeper's Handbook... **\$28.79**

- Our favorite book for both beginners and experienced beekeepers
- This 4th edition has guided thousands of beginning and advanced beekeepers in the how-tos of beekeeping



STOREY'S GUIDE TO KEEPING HONEY BEES

B134 Keeping Honey Bees... **\$25.69**

- This comprehensive, well-written reference guide will serve both experienced beekeepers with specific problems, and beginners who are just getting started



BEEKEEPING FOR DUMMIES

B103 Beekeeping for Dummies... **\$25.69**

- A very popular book in the Dummies series to get started in beekeeping
- Excellent diagrams and pictures in this beginner book



BEE CULTURE

BC1YR 12 Monthly Issues... **\$34.00**

BC2YR 24 Monthly Issues... **\$62.00**

- Regular features from across the country cover timely beekeeping tips and up-to-date industry news in this monthly magazine

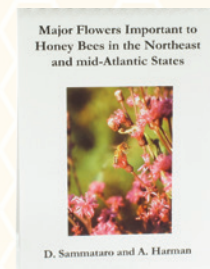


AMERICAN BEE JOURNAL

ABJ1YR 12 Monthly Issues... **\$34.00**

ABJ2YR 24 Monthly Issues... **\$62.00**

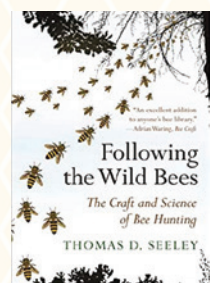
- The oldest English language beekeeping journal in the world, *American Bee Journal* includes information for hobby and commercial beekeepers alike!



MAJOR FLOWERS IN THE NORTHEAST AND MID-ATLANTIC STATES

B142 **\$21.59**

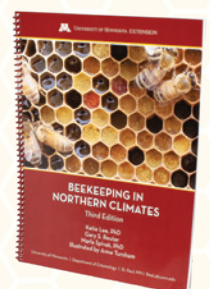
- Fits in your pocket and focuses on nectar-producing plants
- Includes space for you to note the dates flowers bloom in your area



FOLLOWING THE WILD BEES

B123 **\$18.49**

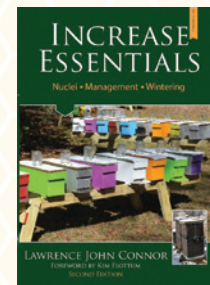
- Drawing on decades of experience as a bee hunter and bee biologist, Seeley weaves informative discussions of the biology of wild honey bees with colorful historical anecdotes, personal insights, and beautiful photos



BEEKEEPING IN NORTHERN CLIMATES

B606 **\$33.89**

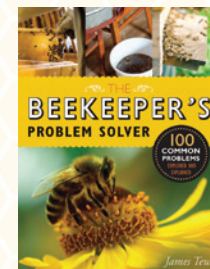
- 3rd Edition, 75 pages
- A 40-minute companion video is available with purchase of the book
- Includes a copy of Honey Bee Diseases & Pests



INCREASE ESSENTIALS

B118 **\$27.79**

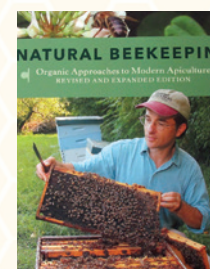
- The essential book on making new bee colonies, using nucs as a means of varroa mite control, and keeping spare queens available for use to replace failed queens in full-sized colonies



THE BEEKEEPER'S PROBLEM SOLVER

B152 **\$22.95**

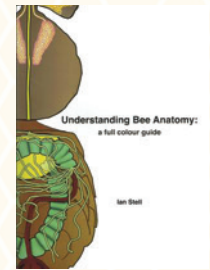
- Explains what the underlying cause of a problem is and how to solve it, complete with photographs/diagrams, plus a wide range of practical tips and insights



NATURAL BEEKEEPING

B112 **\$37.89**

- Learn about nontoxic methods of controlling mites, breeding strategies, and many other tips and techniques for maintaining healthy hives



UNDERSTANDING BEE ANATOMY

B162 **\$65.89**

- With over 600 photographs, educates on all honey bee body parts, wings and flight structures, the circulatory, respiratory, and digestive systems, and ends with chapters specifically focused on the queen and the drone



A COLOUR GUIDE TO POLLEN LOADS

B131 **\$50.49**

- Contains a key of 500 colors and describes the pollen loads of 268 plant species, useful as a practical guide to pollen identification



HONEY IN THE COMB

B143 **\$13.39**

- Covers everything you need to know about producing round and square section comb honey, including necessary equipment, swarm control, and colony management



COMB HONEY PRODUCTION

B145 **\$27.69**

- This classic on the production of comb honey is a guide to producing traditional comb honey with natural comb and no heating or filtering
- Written by Cornell University Professor Roger Morse



A FIELD GUIDE TO HONEY BEES AND THEIR MALADIES

B160 **\$20.49**

- Spiral-bound, durable guide filled with over 100 full-color photographs to help beekeepers recognize symptoms of common honey bee maladies and pests



ABC & XYZ OF BEE CULTURE

B107 **\$77.19**

- The 42nd edition of an encyclopedia pertaining to the scientific and practical culture of honey bees
- The answer to every bee question is probably in here in nearly 1,000 pages with over 1,000 pictures

BROWSE OUR BOOK COLLECTION

Scan this QR code with your phone or tablet's camera feature to browse all books that we offer.



PIPING HOT BEES

B170 **\$30.89**

- A biologist's up-close account of how he and fellow biologists cracked long-standing puzzles about honey bee behavior
- Shedding light on 20 of the most compelling mysteries of honey bee behavior

BETTERBEE T-Shirts & Hoodies

Swarm Catching

T5 Swarm Catching T-Shirt\$14.89

- This shirt shows that swarm catching is a timeless activity
- Black printing on a 100% cotton cream shirt

Sizes: Adult S, M, L, XL, XXL

American Bees Make the Best Honey

T11 American Bees T-Shirt\$14.89

- Show your American beekeeping pride with this tee
- Full-color printing on a 50/50 cotton/polyester blend black shirt

Sizes: Adult S, M, L, XL, XXL (+\$2.00)

I Keep Bees and I Know Things

- You may not be the King in the North, but you sure know a thing or two about keeping bees
- White print on a 50/50 cotton/polyester blend heather gray shirt

Sizes: Adult S, M, L, XL, XXL (+\$2.00)

T15 I Keep Bees and Know Things.\$14.89

Honey for Health

T1 Honey for Health T-Shirt\$14.89

- A perfect match to our very popular "Honey for Health" Skep Cap
- Rust printing on a 100% cotton brown shirt

Sizes: Adult S, M, L, XL, XXL



Grumpy Old Drone

T12 Grumpy Old Drone T-Shirt....\$14.89

- The perfect shirt for when you're feeling like the grumpiest old drone in the hive
- Full-color printing on a 50/50 cotton/polyester blend heathered dark blue shirt

Sizes: Adult S, M, L, XL, XXL (+ \$2.00)

The Queen Bee Tee

T13 Queen Bee T-Shirt\$14.89

- For the queen in your life!
- Full-color printing on a 50/50 cotton/polyester blend pink shirt

Women's Sizes: Adult S, M, L, XL, XXL (+\$2.00)

The Betterbee Fan Tee

T16 The Betterbee T-Shirt\$14.89

- Are you a fan of Betterbee? We are (but we're a little biased)
- Features the new Betterbee logo in full-color printing on a 50/50 cotton/polyester blend sport gray shirt

Sizes: Adult S, M, L, XL, XXL (+\$2.00)

The Betterbee Hoodie

BBHOODK The Betterbee Hoodie ..\$44.29

- Air-jetted for extreme softness, this 50/50 cotton/polyester pullover fleece hoodie is a personal favorite for staff at Betterbee
- Get your own and feel like part of our family

Sizes: Adult S, M, L, XL, XXL



POLLI NATES Plush Bee Toy

POLLY1 Polli Nates Plush Toy..... **\$3.89**

- Our Betterbee Mascot is now available as a plush!
- This cute plush bee toy is 4-1/2" tall and comes with a keychain attachment
- It makes the perfect kids' gift: the soft touch promotes sensory development and also helps with a young child's hands-on ability
- Also makes a great party favor



ADJUSTABLE Caps

ONLY AT

HAT1 Honey for Health Cap..... **\$18.00**

HAT3 Betterbee Trucker Hat..... **\$19.00**

- Our washed cotton "Honey for Health" cap features a nylon mesh liner that promotes cooling, with an adjustable leather strap
- The trucker-style mesh Betterbee cap features a 100% cotton black front panel and a graphite mesh back with a plastic strap closure



BEE-THEMED Ceramic Mugs

ONLY AT

MUG1 Grumpy Old Drone Mug..... **\$14.89**

MUG2 Queen Bee Mug..... **\$14.89**

- Start your day with a steaming cup of coffee or tea in your bee-themed mug!
- Makes the perfect gift for the Queen Bee or Grumpy Old Drone in your life... even if that's you
- White ceramic mugs feature a large C-shaped handle, with vibrantly colored text

BETTERBEE Gift Certificate

GIFT Gift Certificate..... **\$10.00+**

- Can't decide what to get the beekeeper in your life? Gift certificates allow them to shop for exactly what they need when they need it!
- Choose from a paper or digital gift certificate from \$10-\$400 in value



VERMONT BEE QUILT Note Cards

ONLY AT



NOTECARD1 **\$16.89**

- This pack of 12 cards is from the quilt, **Mind Your Own Beeswax**, by Vermont artist Hope Johnson
- Three each of 4 designs and includes envelopes
- Packaged in a clear lid box perfect for gifting

BEE'S WAX Furniture Polish

OBW1 17 oz. Can **\$13.39**



- Cleans, protects, preserves, and restores
- Use on glass, marble, fine furniture, stainless steel, chrome, formica, and many other surfaces

HOWARD FEED-N-WAX Wood Polish

HFMW08 8 oz..... **\$9.89**

HFMW16 16 oz... **\$12.89**



- This penetrating wood preserver contains beeswax, carnauba wax, and orange oil
- The unique blend enhances the natural beauty and depth of grain, prevents drying and deterioration of the wood and finish



Miniature Hive

MHIVE1 Miniature Hive..... **MHIVE1**

- This scale-model hive comes complete with: bottom board, entrance reducer, 2 hive bodies, 20 removable frames, inner cover, and outer cover
- Perfect to illustrate how the bees live
- 10" long x 8" wide x 11" tall
- Comes assembled



MINI SMOKER LED Keychain

LEDKEYCHAIN **\$6.19**

- Share the light of beekeeping with everyone around you, with this stylish smoker-shaped LED keychain
- The button on the bellows controls the bright white LED at the tip of the smoker can
- From smoker tip to can bottom the keychain is just under 2" tall
- The gold-colored keyring is 1" in diameter, and the chain is 1.5" long



BEE KEY-PERS Key Chains



KEYCHAIN1 **\$10.89**

- 5" x 1.25"
- Use as a keychain, luggage, backpack, or lunchbag tag
- Available in a variety of designs to fit your taste: **[A]** Pink Bees, **[B]** Bees on White, **[C]** Daisies and Bees, **[D]** Big Bees on Honeycomb, **[E]** Skep/Bees on Green, or **[F]** Green Buzzy Bees



HONEYCOMB PUZZLE with Bee Figurines

PUZZLE1 Teaser 4.4" Puzzle..... **\$16.89**

PUZZLE2 Small 7.5" Puzzle..... **\$39.89**

- Shake up your puzzle game by trying to solve one of two puzzles that include bee-shaped figurines
- Made in the USA of FSC-certified birchwood from North Carolina
- Soy-based inks used for printing
- Puzzle boxes made from 100% recycled content



2 MILLION BLOSSOMS Collector's Packs

2MBYEAR 2MB, Single Year..... **\$19.95**

2MB, Two Years..... **\$29.95**

- *2 Million Blossoms: Protect Our Pollinators*, a quarterly magazine, was launched in January 2020 by editor Dr. Kirsten S. Traynor
- Each 100+ page issue is designed to inspire, inform, and entertain bee and insect lovers of all types
- Stunning nature photography and thoughtful writing by various experts in the field fill each issue
- While currently not in print, the back issues are available for collectors and readers
- Choose from 2020, 2021, or both years
- Printed on high-quality, sustainably-sourced paper

NEW
**HONEY-FILLED
Candy**

HCANDY1 Honey Candy, 1 lb. **\$6.89**
HCANDY6 Honey Candy, 6 lb. **\$23.89**
HCANDY36 Honey Candy, 36 lb. . . . **\$106.00**

- These honey-filled candies are sure to please, whether you are trying to satisfy your sweet tooth, soothe a sore throat, or just need your daily dose of honey
- *This candy is different from the Betterbee candy offered in previous years, but tastes just as sweet!*
- Available in one pound, 6 pound, and 36 pound bags of honey deliciousness
- Includes about 85 pieces of candy per pound
- Each candy consists of a hard candy outer shell made from both natural and artificial flavors with a pocket of pure honey in the center
- Candy is individually wrapped for freshness
- **Ingredients:** Glucose Syrup, Sugar, Honey (2%), Artificial Flavor, High Oleic Sunflower Oil, Fd&C Yellow No. 6



TIPS AND HINTS TO SELL MORE HONEY:

✓ **KNOW YOUR GOAL:** Decide what your goals are. Do you want to get a premium price? Then value added and specialty products are the way to go. (Think: lip balm, pollen, creamed honey, infused honey, etc.)

✓ **DON'T SELL CHEAP:** It's OK to ask for a premium price! All too often farmers (and beekeepers alike) don't value their product enough. Charge what you are worth!

✓ **KEEP IT CLEAN:** A neat and well-ordered display table or counter will help you sell more honey.

✓ **TELL YOUR STORY:** Customers want to know about you and your beekeeping practices as much as they care about the taste of your honey.

✓ **HAVE A TASTE:** Sampling sells! Always offer a taste test, especially if you are selling at farmers' markets.

✓ **MASTER THE UP-SELL:** When a customer comes in for a certain item, why not ask them what else they need. A friendly question may result in another sale!

✓ **HELP THE COMPETITION:** Don't have a product on hand that a customer needs? Recommend a competitor who can help right away.



KRAFT
DISPLAY
BOX WITH
500 HONEY
STRAWS



WOOD
DISPLAY
BOX WITH
500 HONEY
STRAWS

U All our honey straws are:
Orthodox Union Kosher Certified

**PREMIUM
Honey Straws + Display**

HSD1 Honey Straws, 500 Assorted
+ KRAFT Display Box **\$75.49**

HSD2 Honey Straws, 500 Assorted
+ WOOD Display Box **\$134.59**

HSRP Honey Straws Replacement Pack
500 Assorted **\$69.89**

HSDB1 KRAFT Display Box, Empty **\$10.49**
HSDB2 WOOD Display Box, Empty. **\$69.59**

- Our Premium Honey Straws are a great impulse buy item for your store
- To get started, order a display box (wood or kraft paper) with 500 honey straws in our most popular flavors



APPLE BANANA BLUEBERRY CHERRY
CHOCOLATE CINNAMON GRAPE LEMON LICORICE
LIME ORANGE PEACH PEPPERMINT PIÑA COLADA
PINK LEMONADE RASPBERRY ROOT BEER STRAWBERRY WATERMELON

**PREMIUM
Honey Straws**

HS50 Honey Straws, Pack of 50
1-9 Packs **\$7.29**
10+ Packs **\$6.99**

HS2000 Honey Straws, Pack of 2,000
1-4 Packs **\$229.79**
5+ Packs **\$219.79**

- All our Honey Straws can be purchased in a 50-pack or a box of 2,000
- Mix and match ten or more 50 packs, or five or more boxes of 2,000, and save with quantity pricing
- Straws are made with pure honey as well as natural and artificial flavors and colors

HONEY STRAW PACKS



100% PURE VARIETAL Honey Straws

WILDFLOWER AND PURE HONEY

HS50 Varietal Honey Straws, 50-Pack
 1-9 Packs.....\$7.29
 10+ Packs\$6.99

HS2000 Varietal Honey Straws, 2,000-Pack
 1-4 Packs\$229.79
 5+ Packs\$219.79

ORANGE BLOSSOM, BLACKBERRY BLOSSOM, AND BUCKWHEAT HONEY

HS50 Varietal Honey Straws, 50-Pack
 1-9 Packs.....\$8.74
 10+ Packs\$8.44

HS2000 Varietal Honey Straws, 2,000-Pack
 1-4 Packs\$269.79
 5+ Packs\$259.79

- Our varietal honey straws are pure honey flavored only by the flowers accessed by the bees

PURE + NATURAL Sample Pack



HSPNATURAL\$15.39

- Contains naturally flavored and pure varietal honey
- Includes 8 straws each of: **Wildflower, Orange Blossom, Blackberry Blossom, Buckwheat, Pure Honey, Color-free Cinnamon, Color-free Lemon, Color-free Mint, and Color-free Orange**



SUPER SOUR FLAVORS (L-R):
 Orange, Strawberry, Grape, Cherry, Lemon, Green Apple, and Blue Raspberry

ABOVE

SOUR Honey Straws

HS50 Sour Honey Straws, 50-Pack
 1-9 Packs.....\$7.29
 10+ Packs\$6.99

- These will be a guaranteed hit with anyone looking for a little bit of sour
- Featuring these Super Sour flavors: **Orange, Strawberry, Grape, Cherry, Lemon, Green Apple, and Blue Raspberry**



SOUR Sample Pack

HSSPSOUR Sour Sample Pack.....\$14.39

- Contains our sour flavors
- Includes 10 straws each of: **Sour Blue Raspberry, Sour Cherry, Sour Grape, Sour Green Apple, Sour Lemon, Sour Orange, and Sour Strawberry**

HONEY STRAW Sample Pack



HSSP Honey Straw Sample Pack ..\$13.39

- Contains our most popular flavors
- Includes 5 straws each of: **Apple, Banana, Blueberry, Cherry, Grape, Lemon, Lime, Orange, Peach, Peppermint, Piña Colada, Pure Honey, Raspberry, Root Beer, Strawberry, and Watermelon**

WHAT DOES VARIETAL MEAN?

“Varietal” refers to the flowers the bees visit to collect nectar. For example, bees make orange blossom honey from orange tree blossoms. Varietal honeys are distinct in flavor and appeal to those looking for variety without the artificial flavorings.

COLOR-FREE Honey Straws

HS50 1-9 Packs...\$7.29
 10+ Packs...\$6.99

- If you want stronger flavors than our varietal honey, but still like the natural look, try these varieties
- These color-free honey straws use natural ingredients such as mint, lemon, or cinnamon while maintaining minimal artificial ingredients
- No coloring is added
- Features these flavors: **Cinnamon, Orange, Mint, and Lemon**



WOODEN Honey Stirrers

STIR1 Betterbee Honey Stirrer\$1.99

- **MAKES A GREAT GIFT!**
- These stirrers are a delightful addition to afternoon tea or as a honey lollipop for a special treat
- **Ingredients:** Sugar, Corn Syrup, Honey, Water, Natural Oils, and Natural Clover Honey Flavoring

GALLONS of Honey

HB2 1 Gal. ...\$86.00
HB3 2 Gal. \$142.00

- **LOCAL NY WILDFLOWER HONEY!**
- Filtered and packed in a 1 gallon jug (12.8 lb.) and 2 gallon bucket (24 lb.)
- Honey prices are subject to change based on market conditions

60 LB. Pure Honey

HB1 5 Gal. . \$296.00

- **COMING SOON: 50 LB. PAILS OF HONEY!**
- Filtered and packed in 5 gal./60 lb. container
- Honey prices are subject to change based on market conditions



PREMIUM WOODEN Honey Dippers

HD1 Wooden Honey Dipper.....\$2.00
MINIDIPPER\$0.99

- Wooden honey dippers available in Mini (3-1/4”), M (7”), or L (8”)
- Medium and Large dippers fit inside the opening of: 8 oz., 1 lb., 2 lb. Classic Glass; 5 lb. Glass Jars; 2-1/2 lb. Square Glass; 1 lb. Tall Glass; 8 oz., 12 oz., 16 oz. Round Glass
- Mini dipper is for use with smaller jars such as: Mini Half-Skep, Mini Mason, and 2 oz. Hex jars

MASON JAR Honey Dipper

HD2 Mason Jar Honey Dipper.....\$6.89

- Turn your jars into your favorite honey dipper
- BPA-free and made of recycled materials, this dipper fits on a regular mouth mason jar



1 LB. Creamed Honey

CH1 Creamed Honey\$12.89
CH12 Case of 12\$139.89

- Enjoy on its own or use it as a starter for making your own creamed honey
- Creamed honey crystals are small, so the finished product tastes creamy and delectable on the tongue



DELICIOUS GIFTS



Mead Making Kit

MMK1 Mead Making Kit\$49.89

- Jump start making your own with this kit from Must Bee Company
- You will need about 2.5 lb. or more of honey (not included) to make a one gallon batch of mead



Energy Bars

ENERGY15\$49.39

- Honey, royal jelly, ginseng, and dark chocolate in this bar give you the boost you need for all your activities
- These gourmet bars are a great impulse buy
- Pack of 15



HONEES Honey-Filled Drops

HONEES24\$35.89

- These candies have a honey hard candy shell and are filled with pure liquid honey, perfect for soothing a dry or sore throat
- Sold in a box of 24 sticks with 9 candies per stick
- Available in four flavors: **Original, Lemon, Menthol, and Milk**



**THE COMPLETE
Bee Lining Kit:
Box + Book**

BLBK Bee Lining Kit **\$71.89**
BLB Bee Lining Box..... **\$51.49**
B123 Follow the Wild Bees Book .. **\$18.49**

- Bee lining is the time honored technique used to locate feral colonies in the woods
- To use the Bee Lining Box, the bee hunter captures a forager on a flower in the hinged end of the box
- Honeycomb with anise-scented syrup is placed in the second compartment and the captured bee is allowed to enter
- The bee discovers the rich "nectar" source, loads up and heads for the hive
- Other workers are recruited and return to the bee lining box
- The direction that they fly is called the beeline, indicating the direction to the hive
- The kit includes the Bee Lining Box, anise extract to attract the bees, a piece of plastic comb in which to place the anise scented syrup, and instructions for use

**THE CANVAS
Betterbee Gift Tote**

GIFTTOTESM Small Gift Tote **\$29.89**
GIFTTOTEMED Medium Gift Tote . **\$49.89**
GIFTTOTELG Large Gift Tote..... **\$79.89**

- The perfect gift for everyone!
- Our crafty candlemaker, Mel, hand makes these unbleached canvas bags: The pattern is unique to Betterbee and each bag is unique in its own right
- The best part is that the bags can be used for years to come once the handmade goods inside are used up!
- The three gift tote sizes make the perfect gift for a friend, relative, or coworker with a taste for high-quality, handmade goods made by honey bees

Small Gift Tote (4") includes:

- > Small Beeswax Candle
- > Homemade Pure & Simple Unflavored Lip Balm Tube
- > 3 oz. Mini Skep Glass Bottle of Honey with Honey Dipper
- > 4 oz. Honey-Filled Candy
- > Pure Honey Straws (6)

Medium Gift Tote (6") includes:

- > Medium Beeswax Candle
- > Homemade Pure & Simple Unflavored Lip Balm Tube & Jar
- > 1 lb. Skep Glass Bottle of Honey
- > 2 oz. Unscented Hand Cream



- > 1 Bar Hand-Poured and Cured Honey Soap
- > Bag of Native Flower Seeds
- > 6 oz. Honey-Filled Candy
- > Pure Honey Straws (12)

Large Gift Tote (8") includes everything in the Medium Tote, plus:

- > 13 oz. Glass Bear of Honey (Replaces the 1 lb. Jar)
- > Pair of 8" Colonial Taper Beeswax Candles
- > Small Beeswax Candle
- > Pure Honey Straws (25)

**THE ORIGINAL
Betterbee Gift Basket**

GIFTBASKET1..... **\$29.89**

- Our Original Gift Basket includes our country honey soap, 2 oz. of our own unscented hand cream, 1 lb. of honey, four pure beeswax votives, and honey candy
- Gift wrapped in our 5 lb. honey pail



**GIVE THE GIFT OF
BEEKEEPING!**



Betterbee gift certificates make a great gift for a honey bee lover!

**THE BETTERBEE
ORIGINAL
Observation Hive**

OH1 **\$285.00**

- Gain a better understanding of the ways your bees build comb, store nectar and pollen, and raise brood
- This honey bee hive can hold two deep frames or three medium frames
- The hive includes a sliding Plexiglass entrance to allow bees to be isolated in the hive or to pass in and out freely

Additional features include:

- A screened inner cover for feeding winter patties and ventilation
- Hive darkening covers
- Screened feeding station with Boardman feeder cap
- Portable and easy to take to events and presentations
- Vastly improves ability to find the queen



**THE BETTERBEE
5 FRAME
Observation Hive**

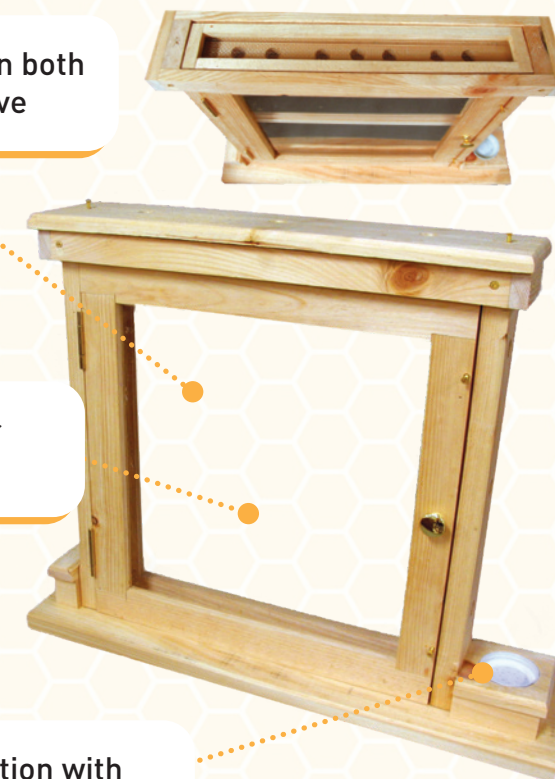
OH2 **\$375.00**

- This Observation Hive is perfect for your honey house or farm store!
- Designed to be a semi-permanent fixture and provide years of observation opportunities
- Holds 5 deep frames
- Features a Plexiglass panel on each side, and a screened feeding area that accepts a standard mouth mason jar
- Contains a portal to accept an entrance tube

Plexiglass panels on both sides of the hive

Can hold 2 deep or 3 medium frames

Feeding station with Boardman feeder cap



**Observation Hive
Handbook**

B153 **\$25.69**

- This handbook contains educational instructions, anecdotes, full-color photographs, and a wealth of information for the backyard beekeeper
- Everything you need to know to successfully select, install, and maintain a permanent observation hive
- 80 pages



FLOWER SEEDS FOR BEES



AUTUMN BEAUTY SUNFLOWER MIX

SEEDSUN4 Sunflower Mix \$9.89

- This sunflower mix will brighten up your garden!
- Sunflowers grow best in locations with full sun
- **4 oz. pack will cover 1,375 sq. ft.**



BORAGE

SEEDBOR4 Borage Seed \$13.89

- Bees love borage flowers!
- These low-growing edible flowers are easy to grow, and as self-seeding annuals, will grow back year after year
- **4 oz. pack will cover 1,375 sq. ft.**



BEE MIX NATIVE WILDFLOWER SEEDS

SEEDNAT4 Native Flower Seeds... \$17.89

- BeeMix is a blend of native wildflowers, providing nectar and pollen over an extended bloom period
- **4 oz. pack will cover 1,375 sq. ft.**
- **Includes:** Dwarf Sunspot Sunflower, Lacy Phacelia, Purple Coneflower, Blanket Flower, Blue Flax, Partridge Pea, Baby's Breath, California Poppy, Perennial Lupine, Plains Coreopsis, Arroyo Lupine, Cosmos, Chinese Forget-Me-Not, Meadowfoam, Butterfly Milkweed, Bee Balm



COUNTRY GARDEN MIX

SEEDCG4 Country Garden Mix.... \$16.49

- This mix includes native and naturalized wildflowers, and provides pollen and nectar over an extended bloom period
- **4 oz. pack will cover 1,375 sq. ft.**
- **Includes:** Lance-Leaved Coreopsis, Purple Coneflower, Perennial Blanketflower, Dwarf Sunspot (Sunflower), Mexican Hat, Arroyo Lupine, Perennial Lupine, Dwarf Lupine, Crimson Clover, California Poppy, Partridge Pea, Meadowfoam, Butterfly Milkweed, Lacy Phacelia, Sensations Mix (Cosmos), Plains Coreopsis, Bee Balm



RAPINI

SEEDRAP2 Rapini, 2 oz. Bag \$9.29
SEEDRAP4 Rapini, 4 oz. Bag \$15.49

- Resemble tiny broccoli florets and is a great source of pollen 6 weeks after planting
- The florets are edible
- **2 oz. pack will cover 2,000 sq. ft.**
- **4 oz. pack will cover 4,000 sq. ft.**



JAPANESE BUCKWHEAT

SEEDBUCK1 Japanese Buckwheat.. \$6.89

- This self-seeding annual flower makes a great cover crop!
- It is higher in nectar content than other buckwheat varieties
- Ripe groats can be harvested
- **1 lb. bag will cover 2,500-5,000 sq. ft.**



WHITE DUTCH CLOVER

SEEDWCL01 White Dutch Clover ... \$9.89

- This nitrogen-fixing, low-growing perennial is a favorite of bees
- Use in your lawn, as a ground cover, cover crop, or for erosion control
- Needs full sun to grow
- These seeds are non-inoculated
- **1 lb. bag will cover 2,500-5,000 sq. ft.**



YELLOW SWEET CLOVER

SEEDYCL01 Yellow Sweet Clover ... \$6.89

- A bi-annual legume that provides abundant nectar over a long bloom period
- Makes an excellent cover crop and soil builder
- Needs full sun to grow
- These seeds are non-inoculated
- **1 lb. bag will cover 2,500-5,000 sq. ft.**

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perfectbee.com

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workerandhive.com

► California

PIERCO
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pierco.com

► Colorado

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rockymountainbeesupply.com

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ct-honey.com

► Florida

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hivesandmore.us

► Illinois

MEYER BEES
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meyerbees.com

► Indiana

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bastinhoneybeefarm.com

DOGWOOD RIDGE BEES
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dogwoodridgebees.com

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backridgebeefarm.com

BACKWOODS BEE FARM
Windham, ME
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backwoodsbeefarm.com

BEE WHISPERER
Hampden, ME
Phone: (207) 299-6948
beewhisperer.us

HUMBLE ABODES
Windsor, ME
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humbleabodesmaine.com

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sonybees.com

► New Hampshire

BUSY BEEZZZ
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busybeezzz.com

► New York

ASTOR APIARIES
Astoria, NY
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astorapiaries.com

HUDSON VALLEY BEE SUPPLY
Kingston, NY
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hudsonvalleybeesupply.com

KUTIK'S EVERYTHING BEES
Oxford, NY
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kutiks.com/everything-bees

MASTERTON'S GARDEN CENTER
East Aurora, NY
Phone: (716) 655-0133
mastertons.net

MAXWELL'S HONEY BEE FARM

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maxwellshoneybeefarm.com

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baileybeesupply.com

► Ohio

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(Leave message only)

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mybeesupply.com

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preciousstonehoney.com

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charliebee.com

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wcapariary.com

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vtbee.com

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Phone: (360) 568-2191
snohobeeco.com

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Phone: (612) 990-9770
thebeezkneezdelivery.com

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