



Introducing **BEEKEEPING SUPPLIES** by Little Giant®



Keeping bees might be simpler than you think!

The world that bees create inside of their hives is largely self-sufficient, requiring monitoring more than intervention. The infrastructure and hierarchy they create is a breathtaking creation requiring not much more time and effort than a garden. Since their flight and foraging patterns include up to 8,000 acres of land, the entire community is helping feed your hive while the bees are pollinating their plants.



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A simple hobby with sweet rewards!™

Woodenware

Little Giant® woodenware products are the foundation for new and experienced beekeepers alike. Made from untreated pine, Little Giant® hives, supers, and frames are designed to fit most standard 10-frame Langstroth hives to enable both beginner and established beekeepers to expand their beekeeping hobby. With specially designed features—such as a screened bottom board on the hive and wax-coated foundation installed in the frames—Little Giant® woodenware provides everything needed to raise healthy, thriving hives.



HIVE10

HIVE10 10-Frame Complete Hive

L 21.875" x W 18.25" x H 14" • 1 pk

Pre-assembled for easy set up and use. The Complete Beehive includes: telescoping outer cover with protective metal layer, vented inner cover, 10-frame 9.5" deep hive body, 9.125" wooden frames with wax-coated black plastic foundation, screened bottom board, mite grid and entrance reducer. Bees and other supplies must be purchased separately.



DEEPBOX10

DEEPBOX10 10-Frame Deep Hive Body

L 19.875" x W 16.25" x H 9.5" • 1 pk

Pre-assembled for easy setup and use. Includes ten wooden frames with pre-installed wax-coated black plastic foundation for easy viewing of hive activity. Made of unfinished pine, the Deep Hive Body can be used as either a Brood Box or Honey Super and is precision-milled for maximum strength. Ready to be added to your hive right out of the box!



MEDBOX10

MEDBOX10 10-Frame Medium Super

L 19.875" x W 16.25" x H 6.5" • 1 pk

Pre-assembled for easy set up and use. Includes ten wooden frames with pre-installed wax-coated natural-colored plastic foundation, preferable for honey harvesting. Made of unfinished pine, the Medium Super is precision-milled for maximum strength. Ready to be added to your hive right out of the box!



HIVE10KIT

Available Fall 2014



HIVE10KIT

10-Frame Beginner Hive Kit

L 21.875" x W 18.25" x H 14" • 1 pk

This kit contains everything a new beekeeper needs to get started beekeeping in one box! Includes 10-frame Langstroth hive with frames and foundation installed, gloves, veil, smoker, smoker fuel, bee brush, hive tool, frame feeder and the book *Beekeeping for Dummies*. Bees must be purchased separately.

DFRBLACK Deep Hive Frames

L 19.25" x W 9.5" x H 6.5" • 5 pk carton

Made of unfinished pine and comes with black wax-coated plastic foundation already installed for easy viewing of your hive's brood activity. Ready to be placed in your hive right out of the box!



DFRBLACK



MFRLITE

MFRLITE Medium Hive Frames

L 19.25" x W 6.5" x H 6.5" • 5 pk carton

Made of unfinished pine and comes with natural-colored wax-coated plastic foundation already installed.

The natural coloring of the foundation is preferable for honey harvesting. Ready to be placed in your hive right out of the box!





Accessories & Tools



QEPL

QEPL Queen Excluder Plastic

L 20" x W 16.5" x H 0.125" • 6 pk

Designed to fit a 10-frame Langstroth Hive. Prevents the queen from producing brood in the honey supers. Precisely measured holes allow the worker bees to move throughout the hive while preventing the queen from moving upward out of the brood box. Made of injection-molded plastic, the queen excluder is easy-to-clean and lies flat on the brood box.



SM7

SM7 4" x 7" Smoker

L 8.5" x W 5.5" x H 11" • 3 pk

Will help to calm your bees when working on your hives. A surrounding wire grid protects you from the heat of the smoker, allowing you to safely smoke your hives throughout your inspection or harvest. A properly packed and lit smoker can last throughout the day.



SMFUEL

SMFUEL Smoker Fuel

L 9.5" x W 6.75" x H 1.5" • 6 pk

An efficient addition to your Little Giant® Smoker. This clean, untreated burlap is a favorite material of beekeepers, as it produces a cool, white smoke and is easy to light.



ESCAPE

ESCAPE Bee Escape, Porter Style (2 per bag)

L 5" x W 6.5" x H 0.5" • 6 pk

One-way valve that allows bees to leave but does not allow them back into the hive box. The bee escape inserts into the hole in the hive's inner cover to aid in clearing the super of bees so it will be ready for honey harvesting. Made of lightweight, durable plastic.



HIVEPLUG

HIVEPLUG Beehive Hole Plug (6 per bag)

L 5" x W 6.5" x H 0.5" • 6 pk

Many beekeepers in Northern climates drill a hole in their hive bodies to aid in ventilation and provide an entrance when snow banks grow. This simple plug will allow you to close or open the hole when the season dictates.



BEELOG

BEELOG Beehive Log

L 4" x W 7.625" x H 0.25" • 6 pk

The beehive log will help you keep track of your hives in all weather conditions! Featuring Rite In The Rain® patented water-shedding paper, these notebooks are useable even in the heaviest of rains or the hottest of days. Record and measure all of your hives' most important details. 100 pages.

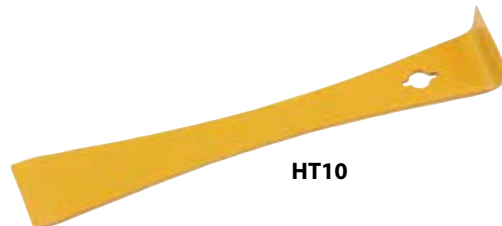


BKBR14

BKBR14 Beekeeping Brush

L 14" x W 3.5" x H 0.5" • 3 pk

Gently removes bees from the frames both during inspections of the hives and during removal of frames for honey extraction. The soft bristles of the brush are specially designed to remove the bees without harm.



HT10

HT10 10" Hive Tool

L 9.5" x W 1.75" x H 1.375" • 6 pk

A must-have for working with your hives. The Little Giant® Hive Tool is a versatile multi-tasker complete with a scraping edge, nail-pulling hole, and an angled end that is designed specifically to fit on a hive frame and help pry it loose.



FRGRIP

FRGRIP Frame Grip

L 8.25" x W 7" x H 1.625" • 3 pk

Helps with handling beehive frames during inspections and honey harvesting. With its one-handed operation, this frame grip will easily lift and grip frames to pull them from the hive.

How-To Books

BKDUM *Beekeeping for Dummies*

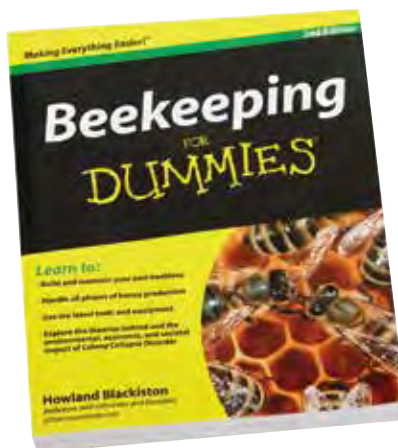
L 9.25" x W 7.375" x H 0.875" • 6 pk

The 2nd Edition *Beekeeping for Dummies* by Howland Blackiston is a comprehensive training guide for all things beekeeping. The book will walk you through the tools of beekeeping, the steps necessary to build and maintain your own beehives, and the phases of honey production and extraction. It also provides new information on mites and the causes and effects of Colony Collapse Disorder.

BKBACK *Backyard Beekeeper*

L 8.25" x W 10.19" x H 0.56" • 3 pk

The Backyard Beekeeper by Kim Flottum is the beginner's guide to starting hives in your backyard or garden. Recently revised and expanded, the book presents you not only with the tips and tools of the hobby, but also the information to best prepare your yard or garden for your newest buzzing bees.



BKDUM



BKBACK

Feeders

ENTFDR Entrance Feeder

L 6.5" x W 4" x H 7.375" • 3 pk

Easy-to-use plastic feeder that will fit directly into the front entrance of your hive. Designed to fit into the large opening of the entrance reducer on our Little Giant® 10-Frame Complete Hive, the feeder allows space for the bees to come and go while nourishing them with a simple syrup when natural food sources are scarce. The base is made of high-impact plastic, and the clear glass jar allows you to see the feed levels without disturbing the bees. Holds approximately 1 quart.

FRAMEFDR Frame Feeder

L 19" x W 9" x H 2.25" • 3 pk

Taking the place of one of the frames inside the brood box, the frame feeder holds 3 quarts of syrup. Inner ladders and grooved sides help the bees access the syrup while reducing the risk of drowning.

BKTFDR2 2 Gallon Bucket Feeder

L 10.5" x W 10.5" x H 7.5" • 3 pk

Easy-to-use design helps protect syrup from robbers to keep your bees fed when outside nectar sources are scarce. Fits atop the hole on your inner cover to allow bees access to the syrup. Tiny holes in lid give bees access to syrup.



ENTFDR



FRAMEFDR



BKTFDR2
Available Fall 2014



Protective Apparel



JKTM / JKTLG / JKTXL / JKT2XL
Available December 2014

JKTM/JKTLG/JKTXL/JKT2XL Deluxe Beekeeping Jacket in 4 Sizes

12" L x 13" W x 3" H • 3 pk

Made of 100% cotton, this deluxe jacket comes with a self-supporting domed veil. The veil is attached with a heavy-duty two-way cloth zipper that allows it to be easily removed. The collapsible veil does not need to be fully removed – it can also hang behind like a hood. The jacket features a hook-and-loop patch at the front of the neck opening which secures the veil/jacket connection for extra protection from stray bees.

This jacket is generously cut to allow freedom of movement and includes elastic wrist cuffs and waistband to keep out the bees. It features four roomy front pockets that can hold our Little Giant® Bee Log or other items. On each sleeve there is an additional pocket which is the perfect size for a hive tool. A great alternative for someone who does not want to wear a full bee suit when inspecting hives. One jacket and veil per package.



TYSUITMD / TYSUIT / TYSUITXL

TYSUITMD Beekeeping Tyvek® Coverall - Medium

TYSUIT Beekeeping Tyvek® Coverall - Large

TYSUITXL Beekeeping Tyvek® Coverall - Extra Large

L 13.5" x W 7.5" x H 1.375" • 3 pk

The full-front zipper closure will keep you protected while caring for your bees. Elastic closures at both the sleeves and ankles will keep out bees. This easy-to-wear suit is water-resistant and disposable.



HVEIL Beekeeping Veil with Hat

L 17" x W 20" x H 1" • 3 pk

Will keep you protected while inspecting and working with your hive. The hat and veil's one-piece construction makes this veil a quick grab-and-go option to get out to your hives without any fuss. The hat keeps the veil a proper distance away from your face to prevent bee stings, and there are no seams to inhibit your visibility. Elastic straps fit under arms to secure veil.

GLVMD Gloves Goatskin - Medium

GLVLG Gloves Goatskin - Large

L 10.5" x W 6.75" x H 1.375" • 3 pk

Provides dexterity and protection when working with bees. The gloves are complete with elastic cuffs to keep bees out. The soft and pliable goatskin offers superior mobility and flexibility.



HVEIL



GLVMD / GLVLG

Honey Production

Honey is this hobby's sweetest reward! Little Giant® honey extraction supplies take full frames of honey from hive to honey bear bottle. Designed with the hobbyist in mind, the following honey supplies focus on small batches of artisanal honey extraction and bottling for both friends and farmers' markets.



Fits deep or medium frames

Hand crank

EXT2SS

EXT2SS 2-Frame Extractor - Stainless Steel

L 30.5" x W 16" x H 16" • 1 pk

This tangential extractor provides the simplicity of a hand-crank extractor and the superior quality of 18/10 stainless steel material. Can be used with either deep or medium frames. Includes honey gate, cover and legs; some assembly required. Complete instructions included.

EXT2PL 2-Frame Extractor - Plastic

26" L x 16" W x 16" H • 1 pk

This economical extractor is perfect for the hobby beekeeper with only one or two hives. Includes honey gate and cover. Can be used with either deep or medium frames. Easy assembly of the hand crank required. Complete instructions included.



BKT5

BKT5 5 Gallon Plastic Bucket

L 11.875" x W 11.875" x H 14.75" • 3 pk

Comes with a tightly fitting lid and honey gate. Place it under your extractor to collect honey. It can also be used to bring simple syrup to your hives and refill feeders early in the season. Made of HDPE plastic.



EXT2PL



Fits deep or medium frames

Hand crank





Honey Production (continued)



HFORK

HFORK Uncapping Scratcher Fork

L 8.5" x W 3" x H 1" • 6 pk

Removes any caps leftover from an uncapping knife. Simple to use, the stainless steel points will fit right under the caps to pry them off and allow access to honey for extraction.



HSTRAINSS

HSTRAINSS Honey Strainer Stainless Steel

L 9.5" x W 10" x H 4.125" • 1 pk

Uses a fine mesh to remove any leftover bits of wax and other particles before bottling. Designed to fit over a 5-gallon bucket. Place the strainer under the extractor before bottling.



HSTRAINIF

HSTRAINIF Honey Filter

L 5" x W 6.5" x H 0.5" • 3 pk

Designed to be used with a 5-gallon bucket, this fabric strainer fits around the edge of the bucket to filter out pollen, wax and other impurities. The 400-micron washable fabric helps to create fine-filtered honey that has a beautiful appearance and longer shelf life (takes longer to crystallize). 1 filter per package. Use with or without HSTRAINSS.



HKNIFE

HKNIFE Electric Uncapping Knife

L 18.375" x W 2.75" x H 2.75" • 1 pk

Easily heats up and quickly removes the wax from frames of capped honey. Preset at the appropriate temperature for removal of caps, the heated knife heats up quickly and is ready to use within a minute.



HLABEL

HLABEL Labels for Honey Jars

L 4.375" x W 0.125" x H 8.5" • 12 pk

In order to sell honey and be compliant with federal regulations, each bottle or jar must have a label with the producer's name and the net weight of the honey. These self-adhesive labels make the process quick and easy to get your honey to market! Includes two sizes of labels for different sizes of bottles. 40 labels per package.



SKEP16

HBEAR12

HJAR32

HJAR16

HBEAR12 12 Ounce Plastic Bear Bottle

L 7" x W 5" x H 7" • 12 pk carton

Made of BPA-free PETE plastic. Yellow flip-top lids with built-in freshness and safety seal are included. An area on bear's stomach will hold Little Giant® honey labels (sold separately).

SKEP16 16 Ounce (1 lb) Plastic Squeeze Jar

L 10" x W 4.5" x H 6" • 12 pk carton

Made of BPA-free PETE plastic. Space is provided on the bottle for Little Giant® honey labels (sold separately). Yellow flip-top lids with built-in freshness and safety seal are included.

HJAR16 16 Ounce (1 lb) Glass Jar

L 13.5" x W 7" x H 6" • 12 pk carton

This clear bottle in a traditional skep design helps show off your honey. There is room on both sides of the jar for a label. Airtight lid included in the 12-pack carton.

HJAR32 32 Ounce (2 lb) Glass Jar

L 16.5" x W 8.5" x H 7" • 12 pk carton

This clear bottle in a traditional skep design helps show off your honey. There is room on both sides of the jar for a label. Airtight lid included in the 12-pack carton.

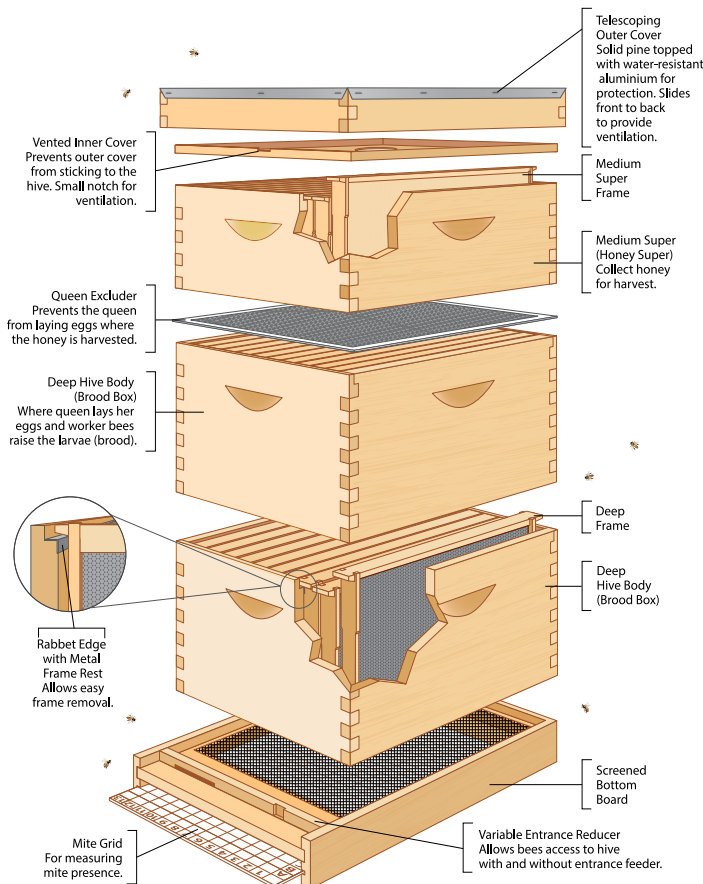


Why Keep Bees?

Honey is delicious! If your neighbors are apprehensive, a jar of freshly extracted honey might just be the best medicine to calm any nerves. The source of hundreds of years of homeopathic remedies and at the heart of thousands of delicious recipes, honey is the ultimate prize of beekeeping. A single hive can produce up to 100 pounds of honey in a year, and at \$6-7 per pound, it keeps getting sweeter!

Backyard beekeeping is great for the bees! Just like crops, diversity is one of the keys to maintaining healthy hives and aiding the conservation effort of the bees. As we become more dependent on year-round availability of previously seasonal foods, backyard beekeepers can help to reduce the spread of diseases among bees to bolster populations and keep plants pollinated. Currently, 30% of beehives die annually, and segregated garden hives are part of the solution to this problem. Municipalities are catching on to the ever-increasing need and want for backyard beekeeping. Be sure to check your local town or county's policies and laws before starting your hive.

Our food sources depend on it! Berries, apples, almonds, and cucumbers are just a few of the delicious foods that are pollinated by bees and imperative to our food chain. With bees dying off in ever-increasing numbers, due partly to pesticide and fungicide use, backyard beekeepers are necessary to bring back populations and keep our own plates filled with food. According to the NRDC, at least 30% of the world's crops are pollinated by bees, equating to \$15 billion a year in U.S. crops that are dependent on the insects for successful harvest seasons.



Why Little Giant®?

- Attractive 4-color packaging creates a cohesive look at retail
- Freight consolidation with orders of other Miller products
- Robust and respected distribution network in the Farm and Ranch market
- Supplier consolidation eliminates the need to add a specific supplier for just one product line
- Trained and knowledgeable customer service team prepared to assist with beekeeping product questions
- Merchandising tools, including: planogram design, educational materials, and signage

The Little Giant® beekeeping product line consists of top-quality products that are compatible with a wide range of existing products on the market. The Langstroth-design hive and accessories will work for the new hobbyist beekeeper or be compatible with existing products that experienced beekeepers are already working with in their orchards, farms, or gardens. Our 10-frame unfinished pine hive has high-quality features not found

on many of the other hives on the market, including: a screened bottom board and mite grid for pest management; metal frame rests for easier frame removal; and strong, interlocking box joints for a solid structure.

Miller employees are committed to bee conservation and pollination efforts, and have studied with some of the United States' leading bee experts at The University of Minnesota Honey Bee Lab. Two working honeybee hives are installed on the land of our Glencoe, MN manufacturing facility to further study and learn from functioning beehives. Little Giant® understands the importance of bees, and is excited to enable others to enjoy the art and science of beekeeping with our beekeeping products.

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