



**Weeks Works**  
**325 Roy Haynes Drive**  
**Ball Ground, GA 30107**

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Thank you for your interest in spring 2009 purchase of Package bees. Packages will be available March and mid April. **Packages** will include a young mated queen and bees in a standard screen cage ready to carry to your home or bee yard. Queens are not marked. Queens will be Italian unless otherwise specified. Queens, other than Italian, may be available at an additional charge. The very gentle yellow Italians will be available for the 4/18 pickup date.

A 3# package 3/21 or 4/18 will be the best choice for starting a new hive with foundation. The 2# packages will be available 3/7 and 3/21 and should only be ordered for installation with drawn brood frames or situations where you can give the package a donation of frames from an existing hive.

The bees will be healthy, having been treated for mites and any other necessary problems. Small Hive Beetles are now spread throughout GA. The strategy is to provide bees free of beetles, but this is no longer guaranteed. The next best thing is for you and us to understand and control the beetle as best we can. All prices are picked up in Ball Ground, Georgia.

Due to current problems in the bee industry, all prices are subject to a February 1, 2009 revision.

<b>2009 Package Prices</b>	Qty 1-5	Qty 6-15	Qty 16-50	Qty 51-100	Qty 101+	Qty 300
2#	\$54.00	\$53.00	\$52.00	\$50.00	\$49.00	\$48.00
3#	\$60.00	\$59.00	\$58.00	\$55.00	\$54.00	\$53.00

5-frame Nucs – A limited quantity will be available for pickup late April. Small Qty- \$85. Ea.

Call for further information, larger quantities, and questions.

All bees are to be picked up in Ball Ground. No bees are being shipped.

Picking up at any location other than Ball Ground must be requested and approved when ordering.

If you need supplies, I also have a wide variety of new supplies such as jackets, veils, gloves, and various sizes of foundation. If you need new wood hive parts, call to check my inventory, availability, and price. My prices for wood supplies usually save you money unless you are ordering in large quantities. I am working a frantic schedule so leave a message. Most of my phone work will be early a.m. or late p.m. The local bee clubs will be offering beekeeping classes to improve skills. I will gladly help you get involved with these local programs. Our Cherokee Bee Club will be sponsoring a one-day Bee School on 2/28/09. The location will be the old County Court House in Canton, GA.

For Cherokee Bee Club calendar: website is <cherokeebeeclub.com>.

Please clip and return the following with your deposit: All prices subject to revision February 1, 2009

Name \_\_\_\_\_ Phone Home \_\_\_\_\_ email \_\_\_\_\_  
 Address \_\_\_\_\_ Phone Cell \_\_\_\_\_  
 \_\_\_\_\_  
 Qty \_\_\_\_\_ 2# pkgs (open) (open) (open)  
 Qty \_\_\_\_\_ 3# pkgs **Pick-up date preferred** **Circle one** 3/7 3/21 4/18  
 Deposit enclosed (\$20. per package) \_\_\_\_\_ Make all checks payable to Weeks Works



## Weeks Works

325 Roy Haynes Drive Ball Ground, GA 30107  
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Treatment for parasitic mites and bacterial infections of honeybees.

Following is the treatment schedule I follow for my bees in North Georgia. Other areas with earlier and later pollen and nectar flows may require a date adjustment but the timing in relation to the flows should be the same.

**AUGUST** 1st (30-45 days prior to the fall pollen and nectar flow which is left for winter food stores)

Remove any remaining honey supers that are used for harvesting honey. (Supers used strictly for bee food are left in place.)

Treat with chosen varroa meds according to mfg. instructions. Treat Nosema Ceranae with Fumagilin-B in 1:1 syrup.

Apply extender grease patty or some type of vegetable oil treatment for tracheal mites if the varroa meds do not treat this.

Dust with Tylan & powdered sugar mixture.

**OCTOBER** (Following fall pollen/nectar flow)

Feed as needed to build up winter stores. (Approximately 30-40 pounds, depending on population.)

Add grease patty as needed.

**FEBRUARY** 1<sup>st</sup>

Treat for Varroa mites if needed.

Feed syrup medicated with Fumagilin-B for Nosema Ceranae.

**Always** check the presence and quality of the queen.

Check the amount of food stores Sept-March.

Check for any apparent irregularities or disorders.

Be aware of resistance in the mites and be ready to use an alternate medication such as Api-life VAR, or Checkmite.

**GREASE PATTY** - 2 parts crystal sugar mixed with 1 part of vegetable shortening. Apply 3/4 cup on top of brood frames above the cluster, this can encourage the beetles. UGA no longer recommends mixing terramycin in the grease patty.

**TERRAMYCIN** - A 6.4 oz. packet of Oxytetracycline (available at any farm/feed supply store) will mix with 3# of powdered sugar and will treat approximately 50 hives. Sprinkle 2 tablespoons along the ends of the brood frame top bars. Apply three times, four to five days apart. (For small quantities: Mix 2 Tablespoons TM25 terramycin with 1 cup of powdered sugar.) Above is based on the standard strength of TM 25, which is the small 6.4 oz. packet. Foulbrood resistance to Terramycin has spread and alternatives are in the approval process.

By treating mites & related infections 30 - 45 days prior to the fall pollen/nectar flows. All bees hatching during the flow will be strong, healthy, and relatively mite free. Treating during or after the last flow will result in the bees being weak, sick, & diseased going into the winter high stress time. The implications should be apparent. The concept which has not been stressed previously is that the absence of a strong pollen flow following the August treatment of the mites will result in the bees weakened and sick condition being the same as if they had not been treated. Survival of the hive through the winter without strong healthy bees is not likely. The survival and strong spring build-up of the bees should be the result of following this schedule.

The small hive beetle will continue spreading throughout and the U.S. this year. The Bayer Company produces Checkmite, a strip containing Coumaphos which is an organophosphate and does not break down in nature. There is no preventative treatment for the hive. Coumaphos can only be used when the beetles are in the hive and when supers removed. Guardstar is approved for controlling the pupa stage of the beetle in the soil.

In 03 Apilife Var was added to our arsenal of varroa medications. In 2007 a marketable form of Formic Acid was approved for varroa treatment

## Honeybee Medications

The strategy for late summer medications in North Georgia is to medicate in time to get control of the mites affecting the bees before the fall nectar and pollen flows begin. For us this means treating as close to August 1<sup>st</sup> as possible and allowing a month to get marginal control of the parasitic mites (varroa and tracheal). This allows the sick diseased bees, weakened and affected by the mites, to be replaced by a new healthy bee population which will survive the winter and be ready for growth in the spring.

Of greatest importance is to verify the hive is queen rite, free of foulbrood, and has adequate stores of food. Assuming they have adequate food, hives dying late summer and fall are killed by varroa mites. Hives dying after cold weather in December or January starve due to tracheal mites destroying high percentages of the populations. These problems can be minimized by controlling the mites.

Sticky board tests can show the degree of varroa mite infestation as well as the effectiveness of your medication. Sticky board testing before medication is your means to understanding the degree of infestation. Sticky board testing after medication measures the effectiveness of the mite treatment.

### Honey Bee Medications WW&TB 06

Medication (see note)	Problem	Active Ingredient	Advantages	Disadvantages	Comments
Terramycin	American Foulbrood European Foulbrood	Terramycin (antibiotic)		Some resistance shown	AF best destroyed by fire. Severe mite infestation & damage can simulate most of the foulbrood symptoms.
Tylan	American Foulbrood European Foulbrood	Tylan (antibiotic)		Expensive	
Grease Patties	Tracheal mite	Vegetable Shortening & Crystal Sugar	Can leave in year round.	More beetles with patties.	Works by masking odor of young bees from mite.
Menthol	Tracheal mite	Menthol		Temperature sensitive	

## Honey Bee Medications WW&TB 06

(continued)

Medication (see note)	Problem	Active Ingredient	Advantages	Disadvantages	Comments
Apistan	Varroa mite	Fluvalinate	Easy to use	Mites are often resistant to Apistan. Kills only varroa.	
Checkmite	Varroa mite	Coumaphos		Harsh chemical. Application: 5-6 weeks (2 strips per brood chamber)	
ApiLifeVar	Varroa mite	Essential Oils	Natural Ingredients	Temperature Sensitive. Time-consuming application: (3 apps. 7-10 days apart).	Small hive beetles should be under control before using this medication.
Mite-Away II	Varroa mite	Formic Acid	No resistance. Also proven to be effective against tracheal mites.	Temperature Sensitive (apply when daytime high is between 50° and 78°). Potentially dangerous to honeybees.	Use strictly as directed. Formic acid can kill honeybees. Visit <a href="http://www.miteaway.com">www.miteaway.com</a> .
Apiguard	Varroa Mite	Thymol	Also active against tracheal mite and chalk brood.		Thymol is a naturally occurring substance. No harmful effects on colony. Extremely easy to use.
Powdered Sugar	Varroa Mite	Powdered Sugar	Natural Ingredients. May be used to reduce mite count in spring w/ supers on.	Must apply consistently, three times per week for three weeks.	Must be used in conjunction w/ screened bottom board or no bottom board. Good emergency remedy for reducing mite count.
Moth Crystals	Wax Moth	Para dichlorobenzene	Effective for treating empty supers to prevent moth damage to drawn comb.	Do not use in hives with live bees.	Wax moth damage is the result of weak or declining hives in late summer. <u>Do not</u> confuse moth crystals with moth balls (naphthalene).
Checkmite	Small Hive Beetle	Coumaphos		Not effective when strip is placed in the cluster. Harsh chemical.	Beetle traps (using Checkmite) developed by BJ-very effective-more expensive than bait stations.
Beetle Bait Station	Small Hive Beetle		Very effective. Can be used year round. Developed by South GA beekeepers.	Not an approved method.	Available from BJ. Kills adult beetles in the hive.
Gardstar	Small hive beetle pupae	Permethrin	Kills pupae stage in the soil.	Beetles have already reproduced and destroyed the bee colony.	Not a preventative. Use only after beetles have reproduced. Use as a soil drench.
Fumagilin-B	Nosema Ceranae Nosema Apis	A water-soluble form of the antibiotic fumagillin.			Use in early spring and summer to treat bees for nosema ceranae, which is newly associated with CCD. Use as a fall treatment for nosema apis, which is commonly identified by dysentery in cold winter months.