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“The honey bee is more honored than other animals, not because she labors, but because she labors for others.”

-St John Chrysostom

Officer contact info:

President - Rick Monroe
rick@monroegen.org

V President - Chad Williamson
blackrockfarms@aol.com

Treasurer - Eddie White
cewhitebeekeeper@charter.net

Secretary - Beth Noles
bethnoles@bluebikerealty.com

Extension Rep - Tom Dyson
Tom_dyson@ncsu.edu

We are Beekeepers...

This is the official newsletter for the Lincoln County Beekeepers Association, a non-profit organization dedicated to the well-being of honey bees and to the fields of beekeeping, apiculture, research, and education. We are a diverse bunch of individuals who share a fascination for the honey bee and its workings. Our members range from full-time beekeepers and pollinators with thousands of hives to hobbyists involved in back-yard beekeeping. Some members do not even keep bees, but are fascinated by the six legs and four wings of *Apis mellifera*.

Meeting Notes:

This month we welcomed Brian Fisher from Cabarrus County. A fourth generation beekeeper, he talked to us about over wintering your bees. Lots of times we think our bees look good going into winter only to end up with a loss. Brian gave a few tips and tricks that were passed down to him and some that he has perfected himself.

He does not recommend Apistan or Check Mite Plus ever! Rather try an unscented Swiffer pad maybe in a cage to keep bees from getting stuck in it. SHB get caught in the material and are stuck there until you remove the pad. He also likes beetle blasters and veggie oil traps to keep SHB under control.

Make sure your colonies have enough honey stored before fall/winter and always make room for the fall honey flow. When feeding, if necessary, 2:1 should be fed in August and if temps are below 50-60 degrees. Pollen patties are great for nuc and should be the size of your palm. Too much feeds pests like SHB. Around Christmas plan to feed fondant and that should help get them through until the red maples bloom in the first 2 weeks of January (1st food source of the year). Strong colonies can handle a pollen patty on top of the fondant.

These are just a few highlights from the meeting. Brian can be found on Facebook and around town talking to various bee groups.

Fondant:

10# sugar (100% cane only) 3 cups water 2 tbsp. white vinegar
Boil until 242-245 degrees, let cool to 190-200 degrees. Pour into (2) 13x9 pans sprayed with canola oil and let cool. Score while cooling for easy breaking.

NEXT MONTH'S TOPIC:

NEXT MEETING: September 8th @ 7pm

James Warren Citizen Center, 115 West Main Street, Lincolnton, NC 28092

Volunteer Opportunities:

September 21– LCBA 2016 Bee School runs through November 2 with field day in October weather permitting and 1 workshop on how to assemble woodenware equipment. Please help us pass out flyers and posters in your areas as well as spread the word to family and friends who may be interested in attending!

****Any events, programs, etc you would like announced need to be emailed before the next monthly meeting****

Member News:

If anyone rented the extracting equipment and forgot to return the fume board, PLEASE return to Dick Walker ASAP!

Announcements:

- The next chance to take the Journeyman or Master level beekeeping tests will be: October 8th in Pittsboro and Oct 29th in Waynesville. Watch for the September edition of the Bee Buzz for more details.
- Check out the NCSBA website for this months quizzes and new games. Each month a new quiz for all levels to test your knowledge and or study for the next levels test.
- We need your tried and true recipes using honey for our newsletter recipe section! Pictures to accompany them are great as well! Send to bethnoles@bluebikerealty.com or reply to the newsletter email.
- **LCBA 2016 BEE SCHOOL: In full swing!** About 27 people came out last night for the beginning of bee school! Its not too late to join them if you know someone who may be interested. Wednesday nights at 7pm September 21 - November 2 with 1 field day (in Oct weather permitting) and 1 workshop on building woodenware equipment.

FOR SALE: If you make or have items for sale, make plans to list them here!

Extracting Equipment Rental:

Call Dick Walker @ 704 575 0925
wizz22789@aol.com

Rental fee is \$7 per day
Extractor, hot knife, uncapping tub, strainers

Minnesota cracks down on Neonic Pesticides, promising aid to bees

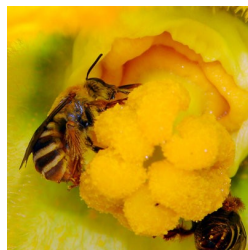
By Dan Charles

It's been four years since scientists first started accusing a class of pesticides called neonicotinoids, or neonics for short, of killing bees. These pesticides are used as seed coatings on most corn and soybean seeds. The U.S. Environmental Protection Agency is taking a new look at neonics, but it hasn't imposed any new restrictions on the pesticides. Now Minnesota is stepping ahead on its own. Last Friday, Gov. Mark Dayton ordered a variety of steps to help pollinators, including bees. Several of those steps involve restrictions on neonics. If Minnesotans want to spray neonics on plants, for instance, they now need to go through an additional step, verifying that the pesticides are needed. The state's Department of Agriculture also will increase inspections and enforcement efforts to make sure that any pesticides that are highly toxic to bees — including neonics — are being used according to regulations.

Those measures, however, don't affect seed coatings, which are the most common way that neonics are used. But on the same day that Dayton announced his executive order, the Department of Agriculture proposed a new "Treated Seed Program" to fill that gap. Setting up such a program will require approval from the state legislature. If it clears that hurdle, the program would have the authority to regulate whether seeds can be treated, and how such treated seeds can be used. Minnesota, for instance, could create regulations on neonics that mirror those currently going into effect in Ontario, Canada.

That Ontario law, which will be phased in over the next two years, has infuriated grain farmers there. It is intended to cut the use of neonicotinoid seed coatings by 80 percent. The first of its provisions went into effect this year. The Ontario law requires farmers to prove that they really need the seed coatings in order to protect the crop. They can do this by hiring pest experts to monitor their fields, placing bait in the soil to show that insect pests, such as wireworms and grubs, are in fact present.

According to some scientists, however, such tests often aren't very reliable unless you dig holes and place traps all over the field. "Nobody has really been able to come up with a cost-effective way to determine populations of wireworms in a field," says Robert Vernon, a research scientist at the Agassiz Research and Development Centre, which is funded by the Canadian government. According to Stephen Denys, a farmer and seed company executive in Chatham, Ontario, most Ontario farmers have been unwilling to go without insecticidal seed treatments. So far, he says, farmers have either continued to use neonics or they have switched to an alternative insecticide, cyantraniliprole, which is not covered by the new law.



If you have a beekeeping story, a favorite beekeeping memory or you would like to share why you became a beekeeper, we would love to include it in our monthly newsletter. Newsletters go out just after the monthly meeting. Please send a picture if possible.

Flower Report

(as of 9/14/16) By Ralph Harlan

While the lespedeza is still in bloom, as is the partridge pea and other flowers, it seems that the goldenrod (and there are several kinds in bloom now) is the source for nectar flow now. I see both honey bees and bumble bees working yellow sweet clover mainly for pollen but some of the honey bees seem to be taking nectar from it. Pollen sources must be quite available now as I see different pollen from almost white to red-orange coming in. I have pollen supplement available, but have no takers.

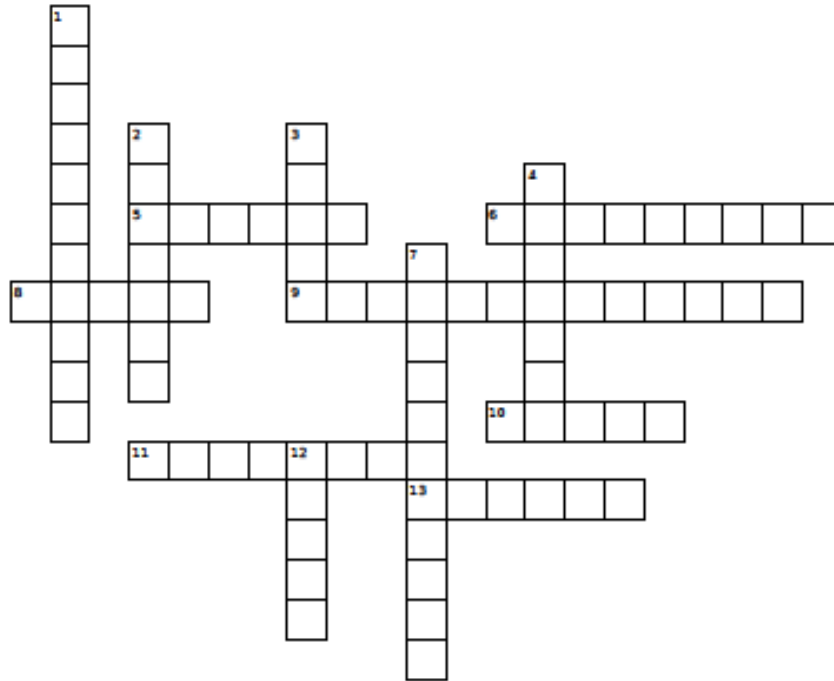
Hive Report

(as of 9/14/16) By Ralph Harlan

Queens are laying well in all my colonies, from 2 frame queen castle nucs to those 10 frame colonies 5 boxes tall. This indicates that colonies are preparing for winter now, as they should be. The eggs she lays now will be the beginning of the winter colony, although I will often see a continued brood pattern well into December as the weather allows and food/pollen come in. This is the time for you to make sure that the colony has the supplies coming in for them to fill the pantry and to raise the bees that will overwinter. Remember that when winter gets here not only do the bees in the colony have to have enough food stored, they have to be young and healthy enough to last through the season. They also have to be healthy enough to leave the hive, forage, and tend the new brood come Spring. For those of you that, like me, tend to shuffle frames during the Spring and Summer to encourage the bees to fill all frames, let the bees put their supplies where *they* want them now. Do not move frames of brood or food/pollen as we approach the winter season since they still know more about what they need than we do.



Puzzle 3



Down:

1. stores sperm for queens lifetime
2. direct value of honey bee pollination of us agriculture is ____ billion dollars a year
3. sings that often use honey to sooth vocal cords
4. type of sugar that absorbs quickly to give an immediate energy boost
7. antioxidant found only in honey
12. 1/___ of our diet relies on honey bee pollination

Across:

5. determines the flavor and color of honey
6. short flights taken during winter/cold months
8. total number of body parts (section)
9. property that deters growth of certain bacteria, yeast and molds
10. fate of drones after mating
11. type of sugar that absorbs slowly to sustain energy
13. original flight of the queen

Library:

LCBA has started library as a resource for members only. At each meeting you may check out a book, video or any resource item for the 4 weeks until the next meeting when you can return the item. Please make sure to sign out the item on the board inside the closet! Feel free to donate to any unneeded books or items to our resource closet at any time!

The Hive and The Honey Bee

The ABC & XYZ of Bee Culture

Hive Management

Natural Beekeeping

Honey Bee Biology

Swarm Essentials

Successful Queen Rearing

Garden Pants for Honey Bees

Honey in the Comb

Honey handbook

Beeswax Alchemy

Presentation Resources:

Teaching Hive

Photo Board

Flowers, fruits, veggies for displays

Kids games

Plastic Honey bee

Other Items:

Brochures

Coloring pages

Crayons

Catalogs

Local Breeder List:

Billy Boyd	5803 Old Monroe Rd	Indian Trail	704 821-7310	russian bees	
Bob Doty	6325 Stirewalt Rd	Kannapolis	704 934-2640 704 651-2555	nucs-minn hyg	odiedody@ctc.net
Ray Revis	P O Box 2520	Marion	828 652-3524	nucs/queens-russians	
Gerry & Libby Mack	121 Hermitage Road	Charlotte	704 953-0565	nucs - russians	
Ralph Harlan	1295 Brevard Place Rd	Iron Station	704 807-6207	nucs	harlanmgmt@live.com
Wayne Hansen	8004 Southway Rd	Charlotte	704 287-4805 704 287-4805		whansen318@yahoo.com
Jeff Ritchie	3901 Piney Rd	Morganton	828 438-1720	nucs/queens	
Jimmy Brooks	126 Cedar Lake Farm Rd	Cherryville	704 477-6242	nuc/queens-russian	cj99brooks@hotmail.com
Chad Williamson	907 Tot Dellinger Rd	Cherryville	704 530-7489	nuc/queens-vsh	blackrockfarms@aol.com

New Members & Renewals

New Member

Renewal

Membership #: _____

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Email: _____

Phone: _____

County of Residence: _____ Local Chapter: _____

1 year dues: NCSBA (state) \$15 + LCBA (local) \$5 = **\$20 total**

You can only be listed under one local chapter in NCSBA "Yellow Book" membership directory. If you choose to be designated "**at-large**" with no chapter affiliation, **check here:**

I want to receive the NCSBA quarterly **BEE BUZZ** newsletter by (check only **ONE**):

Email

US Mail

NONE (I don't want it)

I want to receive notices of bee-related **EDUCATIONAL** opportunities by email: YES NO

I want to receive bee- and beekeeping-related **SOLICITATION** emails: YES NO

This form may be turned in during our monthly meetings to the treasurer or by sending with payment to:

Eddie White
6576 Lineberger Road
Sherrills Ford, NC 28673

Make checks out to LCBA or Lincoln County Beekeepers association