

# CAPPINGS

The Official Newsletter of the  
Kansas Honey Producers Association  
[www.KansasHoneyProducers.org](http://www.KansasHoneyProducers.org)



Promoting Mankind's Most Beneficial Insect – The Honey Bee!

December 2014

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## How Honey Bees Keep Their Hive Warm

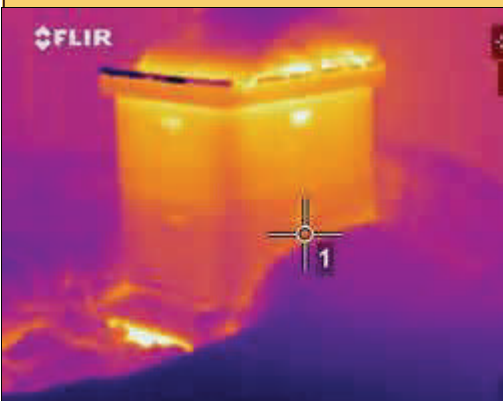
Up until only a few years ago, it was thought by many scientists that Honey bee hives were kept warm by pupae in the brood and that the bees would often congregate there to warm themselves up from the pupae. Recently, this was found not to be the case when a new Honey bee job was discovered, that of "heater bees." Bees of almost all ages can perform this function by either vibrating their abdomens or they can also decouple their wings from their muscles, allowing them to vigorously use these muscles without actually moving their wings. This can heat their bodies up to about 111° Fahrenheit (44° C), which is about 16° F (9° C) hotter than their normal body temperature.

Another new discovery that went with this was why queen bees leave certain cells in the brood empty. It was previously thought this was an undesirable quality of a queen, so queens that left less empty cells were sought out. In fact, these empty cells are essential to a healthy hive. Before the discovery of heater bees using infrared technology, it was thought the bees that crawled in these empty cells were cleaning them out. What's actually happening is that the heater bees will crawl inside

these cells to keep the surrounding cells at the proper temperature, able to warm a maximum of about 70 or so cells per heater bee.

The heater bees can also directly regulate temperature in individual cells by standing over and pressing their thorax against a cell, something which scientists used to think was just the bees resting. In reality, they are working their wing muscles extremely hard to heat up the cell with their heightened body temperature. Why they do this has to do with job distribution.

Normally, Honey bee jobs are primarily "assigned" based on their age (see [10 Amazzzing Honey Bee Facts](#) for more on this). However, if the hive needs more bees that are naturally inclined towards housekeeping jobs or foraging, the heater bees can adjust the temperature of certain cells to accommodate this. Raising the temperature of a cell to 95° F (35° C) rather than the normal cell temperature of about 93° F (34° C) will produce bees that are more inclined to prefer foraging jobs, over housekeeping ones, and vice-versa; so they'll be more reluctant or more eager to change jobs than other bees their age, depending on their former cell temperature. This helps make sure that the needs of the colony can always be met given the current state of the hive and environment. Besides performing the task of heating the brood cells, heater bees also help regulate the overall temperature of the hive. (cont'd pg.7)



Thermal imagery of bee hive in winter

## KHPA OFFICERS

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### 3rd Vice President

**Position available**

### 4th Vice President

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## President's Corner

*By: Steve Tipton*

Becky and I would like to wish all KHPA members and their families a happy holiday season



and a prosperous New Year!

Our fall has been busy with a trip to the Wisconsin Honey Producers Association meeting in Trego, Wisconsin. Becky and I presented on value added products for your skin (soaps and lotions). Joli Winer and Cecil Sweeney presented on marketing ideas including selling your honey at farmers' markets and craft shows. As always, we left feeling like we had learned more than we had shared. Some amazing research is taking place at the University of Minnesota! The WHPA has a honey show in conjunction with their state meeting and I had the opportunity to buy a couple of jars at their auction following the show. One was a Linden, nearly water white honey, and the other was buckwheat, looks like road tar in a jar. Both jars came from the same beekeeper and really demonstrate how floral sources affect the color and flavor of honey.

In my 25+ years of beekeeping, I have never seen so much interest from people wanting to take up

beekeeping. Some want the honey, some want the pollination, all recognize the plight of the honey bee and want to help bees. I would like to encourage all of our members to make it a New Year's resolution to mentor someone trying to get started in beekeeping. I guarantee it will test what you really do know about beekeeping! As usual, our spring meeting will focus on best practice, new beekeeping basics. Our membership has a combined hundreds (if not thousands) of years of experience—a great place to begin beekeeping and a great place for experienced beekeepers to keep in touch with new trends. *(continued on pg. 4)*

## *Tuckerbees Nuc*

**We raise 6 frame nucs. For \$145 you get a laying Queen with five frames of bees and brood. If you want the sixth frame Tim will give you a price depending upon how much brood is on the frame. If you don't want it we use it for raising Queens.**

**Compare with anyone else on the market. Our product is usually ready in early May; however, weather conditions could delay until later in May. With us you get 20 per cent more bees and brood for a much faster start. Delivery to centralized points can be arranged.**

**Quantities are limited.**

**Tim 620-879-2926**

**Norbert 620-216-0202**

**[norbert@totalcsi.net](mailto:norbert@totalcsi.net)**

# Honey for Heifer—Rogan Tokash



People

## HONEY FOR HEIFER

### HONDURAS

My name is Rogan, I am 16-years old and I have been a beekeeper for nearly four years now. My sister, Sage, and I started beekeeping after being awarded a very generous youth scholarship from the Kansas Honey Producers Association. Part of the scholarship included one year of mentorship from experienced beekeepers, Becky and Steve Tipton. The first year we just learned and harvested a little honey for our family and friends.

The second year we decided we wanted to pass it forward, so we started "Honey for Heifer". We agreed to give a jar of honey to anyone who would donate \$10 to be used to buy hives through Heifer International. We started a Facebook page to market the honey and ended up with enough donations to buy 17 hives. This year, our project grew to three hives. Each hive has 50 - 60,000 bees during the summer and we had a great honey crop. Through several public speaking engagements and our Facebook page, we were able to meet our 2014 goal of purchasing 50 hives. The project continues to grow as other beekeepers are starting to donate honey and Mann Lake, a company in Minnesota that sells beekeeping equipment, donated over 150 honey jars to the cause.

My older sister is off to college and I am a junior in high school. I have a younger sister, Fiona, who is a freshman and learning (beekeeping). With more luck and support I hope to do at least another 50 hives next year. The focus of hives for Heifer right now is in Honduras, Guatemala, and Nicaragua. I hope this project will continue to help lift families out of poverty one hive at a time. Hopefully someday I will travel to Central America and see it for myself.

# Youth Scholarship

*Becky Tipton*

*(President's Message continued from pg. 2)*

Dr. Clarence Collison will be our spring speaker. His book, **What Do You Know?** is a favorite.

Winter is a great time to read about beekeeping, as cold weather seems to free up some time in our busy schedules (sitting by the fire with hot tea and honey). Another source that seems to gain popularity daily is the internet. I am really dismayed by the number of novice beekeepers gleaning their information from this source and applying it to their hives with devastating results. YouTube and beekeeping blogs may be interesting and thought provoking but please do not let them guide your practices in keeping bees and treatment of diseases! University based sites should be the only sites you trust with the health of your bees. The old standards, **ABC XYZ, Hive and the Honey Bee,** and **Honey Bee Biology and Beekeeping,** continue to offer sound bee husbandry information, but for current information on treatment choices there is no better source than our meetings and our speakers.

## Did you know?

KHPA memberships can now be renewed online!!!

**[www.kansashoneyproducers.org](http://www.kansashoneyproducers.org)**

Past Cappings issues can also be seen at the website.

### **Cappings** Editor Contact:

**Do you have: News articles, stories, interesting tidbits, advertisements to buy or sell bees or equipment?... Send to Editor—Greg Swob—1569 Toulon Ave, Hays, Ks. 67601 [gswob@mwenergy.com](mailto:gswob@mwenergy.com) 785-623-3533**

## New Directions

The youth scholarship program offered by the KHPA provided many Kansas kids with their very own beehive. When it was good it was very, very, good..... But there were some problems not the least of which was keeping kids interested in bees as they left home for college and life pulled them in other directions.

The scholarship program is going through a metamorphosis of sorts. We will be offering a grant program for adults working with youth through an identified youth program (scouts, 4-H, etc.). One grant will be offered per year and each grant program will run for a two-year cycle. It is our hope to provide both greater support and reach more kids.

Please pass the grant application requirements (printed below) along to any youth organization sponsor interested in promoting beekeeping. Application questions can be directed to me at:

**[bstbees@embarqmail.com](mailto:bstbees@embarqmail.com)**

(Grant information on following page)

**Regional Farmers' Market Vendor Workshops,** Five regional seminars:

Hays: January 30, 2015 Atchison: February 7, 2015

Chanute: February 21, 2015 Pratt: March 7, 2015.

Olathe: March 20, 2015

Go to **[www.fromthelandofkansas.com](http://www.fromthelandofkansas.com)** for more information on markets in Kansas.

Be sure to register prior to January 15, 2015—registration fees are \$25 after that date, \$20 if you register prior.

## Wisdom

**"All that is necessary for the triumph of evil is that good men do nothing."** Edmund Burke

**"If you would not be forgotten as soon as you are dead, either write things worth reading or do things worth writing."** Benjamin Franklin

# **Kansas Honey Producers Youth Scholarship Grant—2015**

Kansas Honey Producers Youth Scholarship Grant for learning the art and science of beekeeping.

Grant offering: The Kansas Honey Producers Association (KHPA) is offering funds to individuals working with youth through scouting organizations, 4-H, church affiliation, school clubs, FFA, FCCLA, or other similar groups, to increase knowledge of beekeeping, and the role of the honey bee in food pollination and the production of honey. The grant will include: Wooden ware for 2 bee hives (Langstroth style, standard 10 frame equipment), bees, safety equipment (veils, gloves, suits—quantity to be determined, one smoker), instruction (classes, meetings, mentor, written material) and membership in the Kansas Honey Producers.

At the discretion of the Kansas Honey Producers, the program will run for up to 2 years.

The grantee agrees to work with the mentor and utilize best-practice beekeeping. The grantee will become the beekeeping leader of the targeted youth group and will organize instructional opportunities with the mentor and the youth group. The adult grantee will provide additional instruction to the youth group to help them understand the role of honeybees in agriculture today.

During the first year, the focus will be establishment of healthy hives. The mentor will help with all phases of beekeeping and honey harvest but the grantee will be ultimately responsible for the care of the bee hives.

The second year will include the possibility of splitting hives and opportunities for growth, re-queening, value added products from the hive and making the most from your hives.

Grant application will include:

I. Cover letter:

Address your cover letter to:

Becky Tipton

9491 X Road

Meriden, KS 66512

Note: All parts of the application are to be postmarked and mailed to the above address no later than February 15, 2015.

*(Grant application continued)*

Include your impact group (age/demographics), the number of youth involved (or anticipated) in your program and an over view of what you hope to accomplish with this grant.

## II. Needs and Goals:

What do you want from KHPA? What do you expect to achieve through your program or how will honey bees enhance what you are already doing? Explain how you will impact your community with this grant/scholarship. What do you hope to accomplish and what will be your ultimate outcome?

## III. Program Design:

Describe how you will transfer the knowledge of beekeeping to the targeted youth group. At the end of year two, how will you sustain this program and how will it continue to positively impact your community?

## IV. Evaluation:

How will you determine if your program is successful?

## V. Legalities:

Where do you intend to keep the beehives? Include an aerial photo of the area where hives will be placed. Label surrounding ground with what type of forage is available or agricultural use (hay pasture, tilled ground planted to soy beans, suburban lawn, orchard, etc.).

It is your responsibility to investigate laws in your city/town/community to determine any statutes limiting keeping bees. (These laws are often included in laws governing livestock.) Please include statements from other governing bodies (school administrators, 4-H leaders, advisors, etc.) who will have input that could impact the successful operation of this project.

## VI. Obligation:

The bee hives and all the equipment purchased shall remain the property of the KHPA until the successful completion of the grant project (2 years). At that time, the grantee takes ownership and assumes all responsibility for the hives and equipment. Should the grantee or KHPA discontinue the project before the end of the 2 year term, all property will return to KHPA. At the end of each year, the grantee will present a brief summary of progress to the KHPA membership. Documentation of work will include a notebook including a written log of activities, dates of meetings (both with mentor and separately with the youth), and pictures of progress. The grantee will attend semiannual meetings of the KHPA (registration fees are included in the grant, travel and other expenses are the

(Grant application continued)

Grantee and/or the youth participants will prepare an entry for the local (county) or Kansas State Fair of honey (any eligible category of honey entry), food entry with honey, 4-H self-determined project, and/or bee photography. Grantee with youth (number to be determined) will volunteer to work at least one session (4 hours) in the Kansas State Fair KHPA booth.

Either party may discontinue the grant/scholarship at any time by contacting the grant administrator listed above.

At the end of the 2 year term, all equipment, bees and hives will become property of the organization to which the youth and adult-support subscribe. But, in the possibility that the program is discontinued, it is the request of the Kansas Honey Producers Association that the grant group would consider returning all to the equipment to KHPA in that others might benefit from its continued use.

#### VII. Disclaimer:

Honey Bees are wild animals (not domesticated live stock). They may not behave in a predictable manner. Every precaution will be taken to provide a safe learning environment and instruction will be given in the proper use of safety equipment and safe handling of the bees. Those working with the bees, both adult leaders and participating youth, accept responsibility for potential stings. Some people may be allergic to bee stings and sting incidents have even led to death. Kansas Honey Producers may not be held liable for any injury caused by the honey bees, hive, or equipment failure while working with the bees. The accepting party will take every precaution to ensure the safe management of the bees and accept responsibility for keeping the hive(s) secure.

#### VIII. Other considerations:

Not included in the grant—extracting equipment. Every effort will be made to help harvest the honey during the first 2 years; this help will not include the purchase of extracting equipment for the individual/group. Should the bees die during the first 2 years, efforts will be made to replace the bees in the most efficient manner (it may mean waiting until spring packages are available).



Note- Heartland Beekeepers Association of SE Kansas is a new club located in **Pittsburg, Ks.** Attached is the agenda for their first daylong seminar for new beekeepers in their area that took place on October 18, 2014.

**(Met 10-18-2014)**

#### **What do I need to become a beekeeper?**

Tools and equipment, protective gear, hive parts, frame and hive building, and overall costs

#### **What kind of bee is that?**

Bee anatomy and breed information

**How do I get bees?** Buying and installing packages and nucs; New hive management; swarm management

#### **What should I plant to help bees?**

Plantings for pollinators

#### **How do I maintain healthy, productive hives?**

IPM hive management strategies

#### **How do I plan for the months ahead in my apiary?**

Yearly management of hives

#### **How do I extract honey?**

Extracting and tasting samples

#### **Silent Auction Hive and Closing Remarks**

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## **SCKHPA meeting November 9**

### **South Central Kansas Honey Producers Association**

The South Central Kansas Honey Producers had a good representation at the State Beekeeping meeting, with somewhere around 40 members attending. We had the opportunity to meet some new people interested in beekeeping and got them signed up on our Yahoo Groups list.

Britt Hopper gave an informative talk on keeping bees in Top Bar Hives. Britt also keeps busy talking with school and civic groups, or for that matter anyone that will standstill long enough for him to spread the word about honeybees. He also put in a lot of time at the State Fair Honey booth, as did many of our members.

## **Regional Bee Clubs meet**

There were a lot of interesting talks and demonstrations at the Bee Meeting, always something new to learn. The fellowship of meeting and talking with other beekeepers is always insightful. We would love to see our group more involved on the state association level.

We have reached the 100 member mark on our Yahoo group. Most are just lurkers, but quite a few will post with questions or tips that are helpful. Every time that someone asks a question there are others that are glad they ask.

Different members will answer and that is how new tips are learned or possibly bad habits are stopped.

Our next meeting will be at Jim and Sharon Rowan's honey shop on Dec 7th, 1-5. We have 2 presentations planned. A review of a European Langstroth hive that was built and used by **Rod Coykendall**. He also has a simple method for extracting honey that he will share with us. **Dr. Norman Schmidt** will be giving a talk on "The Chemistry of a Honeybee Hive". He is a professor of chemistry at Tabor College and a long time bee keeper. This promises to be an interesting and informative talk. We will also have a meet and greet, general discussion and pot luck.

Winter provides a little rest for the beekeeper, but there are still many chores to be done. Here's to hoping that everyone's hives are full and robust and cozy for the winter. Have a Wonderful, Merry Christmas and many Bee Blessings in the New Year.

*Candy Vinduska*

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### **Northwest BK**

Due to busy holiday events, etc. the **Northwest Ks. Bee Keeping** group will hold the next meeting in Feb. 2015 at James & Deb Christopher's shop in Natoma. Soaps, lotions, etc. will be the topic. Date/time and directions to be announced.

*Greg Swob*

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**See Upcoming Events section on inner cover for more details on local, regional and national bee keeping organization meetings.**



## How Honeybees Keep Their Hive Warm from pg. 1

This is essential as Honey bees are cold blooded and once their body temperature drops below about 95° F (35° C), they lose the ability to fly, which is why once the outside temperature drops below around 50° F (10° C), you'll no longer see Honey bees flying around as they're no longer capable of keeping their body temperature high enough for flight. If the temperature drops low enough, they lose the ability to move at all.

During winter, the bees all clump together towards the middle of the hive, surrounding the queen. At this time, they allow the temperature of the hive to drop to around 81° F (27° C) on the inside of the cluster to conserve energy. Bees on the outer parts of the cluster, which will usually be around 48° F (9° C), then occasionally rotate with the bees on the more crowded inner parts, so that all the bees can keep warm enough to survive. Once the queen starts laying again, the temperature of the inner part of the hive will be raised back up to about 93° F (34° C).

In order to support the heater bees at their job, other bees are given the job of occasionally bringing food to them as the heater bee's energy starts to run low from their constant, vigorous use of their wing muscles or "vibrating" to generate heat.

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**Holiday Greetings from Tokach family:** Bee Culture magazine held a contest for the 12 Days of Christmas with a bee theme. These entries were in the December issue of Bee Culture.

**On the Twelfth Day of Christmas,**  
My Mentor Gave to Me,  
Twelve Hives a Humming  
Eleven Virgins Piping  
Ten Top Hive Feeders  
Nine Waggle Dances  
An Eight Frame Extractor  
Seven Drawn out Supers  
Six Queens a Laying  
Five Antihistamines for Stings  
Four Styles of Hive Tools  
Three Lazy Drones  
Two Goatskin Gloves  
And a Reference Book for my Li-  
brary.

*Tokach Family*

**On the twelfth day of Christmas,**  
My beehive gave to me  
Twelve ladies fanning  
Eleven house bees cleaning  
Ten nurse bees tending  
Nine workers dancing  
Eight guard bees buzzing  
Seven bees emerging  
Six drones a-napping  
Five painful stings  
Four frames of brood  
Three field bees  
Two honeycombs  
And an egg-laying Russian Queen  
Bee

*Sage Tokach*

**On the Twelfth Day of Christmas,**  
A Bad Keeper Gave to Me,  
Twelve Colonies Collapsing  
Eleven Scavenging Skunks  
Ten Varroa Mites  
Nine Foulbrood Frames  
Eight Angry Neighbors  
Seven Field Bees Robbing  
Six Frames of Drone Patch  
Five Deformed Wings  
Four Hive Beetles  
Three Wax Moths  
Two Dueling Queens  
And a Swarm of Feral Bees in My  
Tree.

*Lisa Tokach*



# Spring 2015 Meeting!

*Jolie Winer, 1st Vice President*

**Spring 2015 Kansas Honey Producers Meeting  
Friday and Saturday March 13<sup>th</sup> & 14<sup>th</sup>  
Holiday Inn at the Campus  
1641 Anderson Avenue, Manhattan KS 66502  
For reservations call 785-539-7531 –reservation code “khp”**

We are in the beginning stages of planning for the spring meeting of the Kansas Honey Producers. I have lined up a great hotel and meeting rooms and I'm working on a fantastic program. Our main guest speaker will be Dr. Clarence Collison, Beekeeping Specialist, Emeritus Professor/Dept. Head, Dept. of Entomology and plant Pathology, Mississippi State University. Clarence is retired now and is hard to get out of retirement to make presentations—but he has agreed to spend some time with us in March! We are so lucky. Clarence is an excellent teacher and will be great for both new and experienced beekeepers. The spring meeting is usually primarily our beginning beekeeping class but this year I am going to try something different by having a second series of talks concurrently for more experienced beekeepers with topics more towards beekeeping rather than value added.

Our meeting will be held at the Holiday Inn at the KSU Campus in Manhattan. We chose this city because they have a new bee club that is going gangbusters! **Make your hotel reservations by February 10<sup>th</sup> by calling 785-539-7531 and mentioning the code KHP to get the discounted rate of \$99.95.**

As an added feature this year we are going to have an Art Show. It won't be a contest but a show. I thought you might want to work on something over the winter. It can be anything related to beekeeping or something using beeswax. Maybe you have tried batik, encaustic painting, carved something from beeswax, taken a great photo—anything. Have you sculpted a bee from wood or done something cool with stained glass. Did you use beeswax when you made a bronze statue? Maybe someone buys beeswax from you and they do something creative with it—bring a sample.

I heard some negative comments about the last meeting being expensive but the hotels are requiring that we have our meals there or we have hefty room rental fees. Yes you can eat cheaper away from the hotel but I hope that you will think of the meals as an opportunity to further educate yourself by sitting and learning from other beekeepers in the state. I'd also like to point out that our fees for paying speakers has gone up from about \$250 (when I first started planning programs) to around \$1000. Have you flown lately? Airfares used to be \$99 round trip; now you are lucky if they are less than \$500. Our meeting expenses have changed; our goal isn't to make money but just to break even. The cost of tea and coffee at our meetings is also very expensive—it just all adds up. Our meetings offer incredible learning opportunities and I hope that you will continue to attend. Just as prices have changed so has beekeeping and it pays to keep informed about what is happening in our beekeeping world.

If you have questions you can email me at [joli@heartlandhoney.com](mailto:joli@heartlandhoney.com) or call me at 913-856-8356. Watch the [kansashoneyproducers.org](http://kansashoneyproducers.org) website for program updates.

**The Kansas Honey Producers Association Spring Meeting  
Friday & Saturday, March 13 & 14<sup>th</sup> 2015 Registration Form**

Holiday Inn at KSU Campus - 1641 Andersen Ave., Manhattan, Ks. - Contact motel directly for room reservations  
785-539-7531 –reservation code “khp” for discounted room rates

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP+4 \_\_\_\_\_

COUNTY \_\_\_\_\_ PHONE \_\_\_\_\_

E-MAIL \_\_\_\_\_ please write email address clearly

**Check here if you would like to receive your newsletter by email ( )**

**Registration & payment now accepted with PayPal at [kansashoneyproducers.org](http://kansashoneyproducers.org)**

**Pre-registration (must be received by March 5<sup>th</sup>)**

**Friday & Saturday**

Per person (includes 2 lunches & dinner) (\$80.00 x \_\_\_\_\_) = \_\_\_\_\_

**Friday Only**

Per person (includes lunch & dinner) (\$65.00 x \_\_\_\_\_) = \_\_\_\_\_

**Saturday only**

Per person (includes lunch) (\$45.00 x \_\_\_\_\_) = \_\_\_\_\_

**Children-5-18 (under 5 free)**

Both Friday & Saturday (includes 2 lunches & dinner) (\$30.00x \_\_\_\_\_) = \_\_\_\_\_

Friday only (includes lunch & dinner) (\$20.00x \_\_\_\_\_) = \_\_\_\_\_

Saturday only (includes lunch) (\$10.00 x \_\_\_\_\_) = \_\_\_\_\_

**Non-Members Add \$15.00**

\$15.00 \_\_\_\_\_

**Late Registration, after March 5th & at the door**

**\$10 per person:** (\$10.00 x \_\_\_\_\_) = \_\_\_\_\_

**Our wish is that all attendees who are non-members will join, however we welcome everyone to the meeting!**

**Membership for Kansas Honey Producers Association: Renewal or New \$15.00 \_\_\_\_\_**

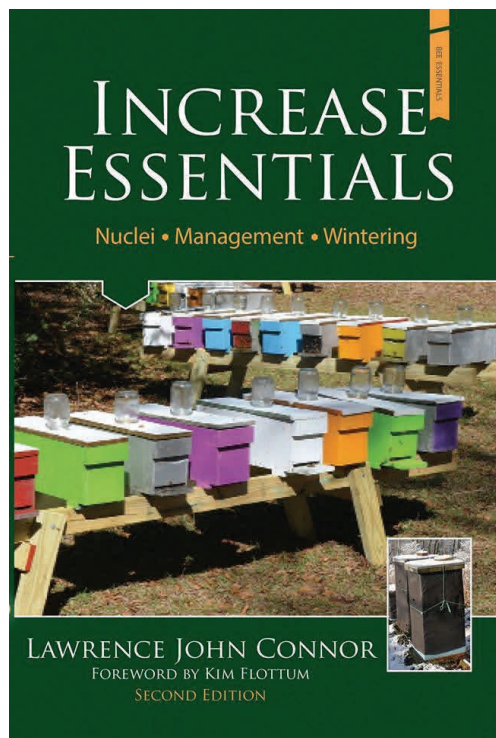
**Youth Membership 2015 (18 years of age or under) Renewal or New \$ 7.50 \_\_\_\_\_**

**Membership 2015 Northeastern Kansas Beekeepers Assn: Renewal/ New \$15.00 \_\_\_\_\_**

**Note: No receipts will be sent** **Total** \$ \_\_\_\_\_

**Please make checks payable to: Kansas Honey Producers Assn or KHPA and mail to**

**Robert Burns, 7601 W. 54<sup>th</sup> Terr., Shawnee Mission KS 66202-2913-or email [rburns@kc.rr.com](mailto:rburns@kc.rr.com)  
Registration & payment now accepted with PayPal at [www.kansashoneyproducers.org](http://www.kansashoneyproducers.org)**



**Review by Robert Burns**

## ***Increase Essentials*, Second Edition**

**by Lawrence John Connor**

Larry Connor's newly revised 2<sup>nd</sup> edition of *Increase Essentials* just became available in June. I was humbled and thrilled when I was asked to review a draft of the new edition in March, so I knew it was coming. Larry has been saying for several years how he wanted to revise it with color and additional chapters. Well, it's here!

Like *Increase Essentials* 1<sup>st</sup> edition (2006), I couldn't put the 2nd edition (2014) down after getting the published copy last month. The new edition has been expanded to 50 additional pages with color graphics and fantastic pictures and several additional chapters with updated information.

What really excites me is being able to put some of the ideas from this edition to use. I already started last weekend with some summer increase colonies (nucs). I was already prepared with drawn comb. I would never have thought to make these attempts with nucs much less over-winter them without the ideas gleaned from the 1<sup>st</sup> edition. You'll like the read and color of the 2<sup>nd</sup> edition even better.

This book is essential for a new or experienced beekeeper. There are many ideas presented on how to manage and plan for keeping the apiary going. Larry writes with practicality for both new and experienced beekeepers about colony management and sustaining one's bee operation.

Larry was our speaker at last year's KHPA meeting in October. Last January, he had a presence at both the ABF and Honey Producers meetings in Baton Rouge, LA and San Antonio, TX. I think more than anyone else, he has a good pulse of what is happening out in the bee world around the country through his travels and encounters—east coast, west coast and all places in between—even the US Virgin Islands, St. Croix, where he was just lecturing in May.

Be sure to add *Increase Essentials* 2<sup>nd</sup> edition along with Larry's other books, if you don't already have them, to your collection: *Bee Sex Essentials* (2008), *Queen Rearing Essentials* (2009), and *Bee-essentials –a field guide* (2012). They are a part of mine. I really enjoy them for the many concepts.

Many new beekeepers were interested in swarms and queens this season. They would be good to get another rather newly released book called *Swarm Essentials* (2013). All are part of the WicWas Press Essentials book series. Look for these great beekeeping books as well as many others in the association library. Order directly or via Paypal from <http://www.wicwas.com/> \$25 A must have book. Change the way you think about bees. Change the way you manage. These books are full of great ideas.

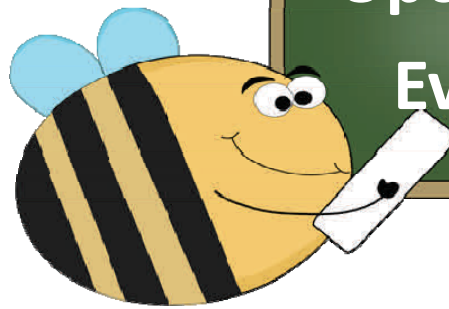
# 2014 highlights



**2014 State Fair “Best of Show” winners– Cate Milroy & Kristi Sanderson**



**State fair attendees enjoying a visit at the ever popular KHPA honey booth. Volunteers from all over Kansas operated the booth, answering questions and selling honey. This year marked over 30 consecutive years KHPA has had a presence at the Kansas State Fair**



## Upcoming Events

### American Bee Federation

Annual meeting and honey conference:  
Anaheim, California - Disneyland Hotel, January 6-10, 2015. Contact the ABF office at 404.760.2875 or via e-mail at [info@abfnet.org](mailto:info@abfnet.org)

### American Honey Producers Association

Annual meeting/conference trade show:  
Jan. 6-10, 2015 California Marriott Manhattan Beach 1400 Parkview Ave., Manhattan Beach, Ca. 90266 310-546-3714 Contact AHPA at [www.ahpanet.com](http://www.ahpanet.com)

### Heartland Beekeepers Assn. of SE Kansas

Jan 16 ~ 1:00PM ~ Yates Hall ~ Pittsburg State Univ.,  
Pittsburg, Kansas.  
1st Class: Beginning of Beekeeping—  
620-231-2998 - [dmeats@pittstate.edu](mailto:dmeats@pittstate.edu)

### Konza Beekeeping Association

Meet 2nd Tuesday each month at the Sunset Zoo Nature Center, 2333 Oak St, Manhattan, KS at 7:00 PM Contact Bob Brandenburg at [Beeman65@gmail.com](mailto:Beeman65@gmail.com)

### Solomon Valley Beekeepers

<https://www.facebook.com/#!/Solomonvalleybeekeepers/info>

Cynthia Goth 785-738-6417 (h) or Kris Jones 785-545-8783 [solomnvalleybeekeepers@gmail.com](mailto:solomnvalleybeekeepers@gmail.com)

### Northeast Kansas Bee Keepers Assn.

Meet 3rd Monday of the month at 7:00 PM Douglas Co. Fairgrounds, Lawrence, Ks. at 2110 Harper St. Bldg. 21 North For programs and any changes, see: [nekba.org](http://nekba.org)

# 2015 Kansas Honey Producer's Association Membership Application



Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Phone# \_\_\_\_\_ *E-mail Address* \_\_\_\_\_

Membership Kansas Honey Producer's Association per year (Jan.-Dec.) \$15.00 \_\_\_\_\_

Additional family members wanting voting rights \$1.00 per person \$1.00 \_\_\_\_\_

Additional family member's names:

\_\_\_\_\_

\_\_\_\_\_

Youth Membership (18 years of age or under) \$7.50 \_\_\_\_\_

American Bee Journal 1 year subscription \$21.50 \_\_\_\_\_

Bee Culture Magazine (formerly "Gleanings") 1 year subscription \$25.00 \_\_\_\_\_

Donation Amount \_\_\_\_\_

Total Due \_\_\_\_\_



**Make checks payable to: KHPA or Kansas Honey Producer's Association or pay on line at [www.kansashoneyproducers.org](http://www.kansashoneyproducers.org)**

**Mail to: Robert Burns, 7601 W 54<sup>th</sup> Terrace, Shawnee Mission, Kansas 66202-2913 Phone# 913-831-6096 or email- [rburns@kc.rr.com](mailto:rburns@kc.rr.com)**

The Kansas Honey Producer's Association is a non-profit IRC 501(c)5 agricultural-educational organization, run by dedicated volunteers, and supported primarily by membership dues (subscriptions). The IRC status means that the association is a tax-exempt organization. While donations are always welcome, they are not tax deductible as a charitable contribution. However, membership dues and subscriptions may be deductible as ordinary and necessary business expenses.

**Kansas Honey Producer's Association**

***Cappings***

**R Burns**

**7601 W. 54th Terrace**

**Shawnee Mission KS 66202-2913**

**Address Service Requested**