

CAPPINGS

The Official Newsletter of the Kansas Honey Producers Association www.KansasHoneyProducers.org

N.E.K.B.A. Newsletter

Articles

(Looking back at our roots)

Respectfully re-submitted by Robert Burns

What is Honeydew?

(Re-printed from NEKBA's *The Bee Buzzer*, November 1982, page 3 – by unknown author, Editor: Maynard D Curtis)

In addition to nectar collected from floral or extra-floral nectaries, bees collect another sugary liquid called honeydew. Honeydew may be secreted directly by a plant or may be excreted from the intestinal tract of aphids and scale insects as they feed on plant sap. It is frequently gathered and stored by bees and is generally considered inferior to honey in flavor and quality. It may often be found on leaves of such trees as oak, beech, poplar, ash, elm, hickory, maple, tulip, willow, linden and fruit trees as well as fir, cedar, and spruce. Honeydew is found to be lower in levulose and dextrose, darker in color and higher in pH, higher sugars, acidity ash and nitrogen. According to information found in the "Hive and the Honey Bee", there are two types of honey dew, the melezitose, which can granulate rapidly even in the comb and the erlose type, which does not granulate. Honeydew is unsuitable for good wintering feed due to the salts it contains.



POLLINATION

(Re-printed from NEKBA's *The Bee Buzzer*, November 1982, page 3 – by unknown author, Editor: Maynard D Curtis)



Fertilization takes place when the pollen, or male sex cells, of a flower unite in the ovary of the female sex cells. This transfer of pollen of the male sex organs is called pollination.

All plants must be pollinated before seed or fruit will set. Pollen is transferred from the anthers to the stigma of a flower by wind, water, gravity, mammals, birds, humans, and insects.

The most efficient pollinators—since they are highly motile, small and plentiful, are the insects. Major insect pollinators include beetles, flies, butterflies, moths, and bees. Bees are probably the principal pollinating agents of plants whose flowers have colors within a bee's visual range, - blue, yellow, green, and ultraviolet. Bees are effective in pollinating flowers, such as commercial fruit crops, which are self-infertile, that is, which require pollen of another type or variety to set seed. They are one of the most efficient pollinating agents since they can be manipulated by man. About 8 billion dollars worth of crops are pollinated by bees in the U.S.

Some of the crops benefited or requiring pollination in our area are: All clovers, beans, buckwheat, sunflower, soybeans, all culinary herbs, onion, mustard, cantaloupes, blackberry, blueberry, cherry, cranberry, grapes, peanut, peach, pear, plum, persimmon, raspberry, and strawberry. For a more complete list, secure a copy of *Insect Pollination of Cultivated Plants* by S.E. McGregor (Agriculture Handbook #496, 1976).



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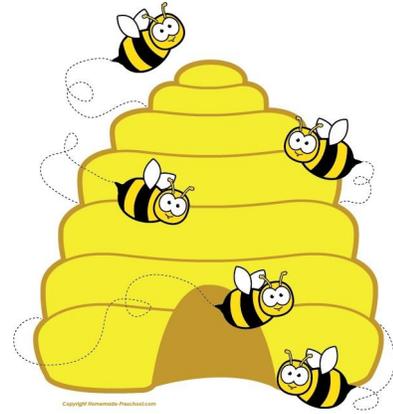
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OCTOBER 1, 2018

Editor
Stephanie L. Brown

OUR PRESIDENT JIM KELLIE

As summer begins to fade, I hope your bees have prospered or at least survived depending on where in Kansas you live. The Northeast pretty much appears to be a wash out with only spotty areas that have made any honey. Some beekeepers are already feeding and have been for some time now. Northern Kansas started out with what looked like a great clover year but I understand the temps went from winter weather directly to very hot and dry, thus burning up the clover in a very short time. The Southern part has been running an average year so far with rains that have come at opportune times, thus making for good nectar flows during July. So far with fingers crossed, there looks like a promise of some type of fall flow as well.

KHPA team has been busy. By now there is a great push to have the state fair booth stocked with both Honey products and volunteer workers. There are several behind the scenes as well that are producing honey, bottling honey, labeling products and will be constructing the booth. Kristy has been busy overseeing the entire project and keeping all the loose ends in place. Joli is working on last minute details for our convention in October. Becky has been going through our grants applications, getting ready for this fall board meeting. There is good news and bad news regarding the spraying of chemicals on honey bees. It appears most of the damage continues to be in the Eastern



part of the state. Part of the good news is that “Drift Watch” is slowly catching on, even out here in Western Kansas. Several people have reported to me that they have been contacted by applicators, farmers or Agronomists who found their name on “Drift Watch.” Beekeepers are reporting good experiences working with them. Bad news is that there are still farmers out there who apply their chemical with no thought of anyone else in the area. There have been some beekeepers reporting losses of colonies, reporting it to the state and trying to talk with the farmer, but told in not so polite a way that they really didn’t care about bees and don’t have time for conversation. Those have been few so far, but it certainly is frustrating when the beekeeper is trying to do the right thing. Education and getting out there educating the rural folks seem to be the target we need to look at. While education of the general public has been working, we as beekeepers often forget to pinpoint those who are living on or near the very area the bees living or thrive in.

One of the ideas that we developed over the years that has helped us is being active in the 4-H and county fairs. We try to sponsor entomology programs along with higher cash awards for cooking cakes, pies, and cookies with honey. At the auction of all the 4-H kids we either add money in or out right buy the baked products and livestock to get our name out there, while finding out we are all farmers and neighbors. This I would think may be possible with some of the local clubs becoming a sponsor or buyer at their local county fairs

In late August, I will be attending the Governor's Summit on Agricultural Growth with the Kansas Department of Agriculture. I will be there representing the Pollination and Honey industry. We are very small in the Ag business world, so I am happy that we were even invited. This round will be mostly awareness and education that we are indeed out here. It looks that I will be at this point on some of the working groups where Honey had pollination would fit in. Such as, specialty livestock,

Food processing, and Marketing. I am sure I will be a small voice in a land of huge giants but nothing ventured nothing gained.

I have seen where several beekeepers are honing their skills in Queen Rearing, making summer nucs to survive the winter, different styles of hives, different ideas of feeding or not and different ideas about the ever present hive beetles. During your fun and experimentations please be ever vigilant about what you are putting in your colonies. Remember that there are only a few chemicals that are registered for use. It only takes one person putting a chemical that should not be in a hive to run the good name of Kansas honey for all of us for years to come.

The most important part of Beekeeping is to HAVE FUN. Hope to see you all either at the fair, or the Fall convention in October. For me it is back to the honey house to check on a pump



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Short article on North Central Beekeepers:

"After a difficult Winter, significant losses and dry Winter/Spring/early Summer, beekeepers are reporting significant renewal in their hives in late July/early August. A good group gathered to welcome several folks interested in getting started with beekeeping and first year beekeepers at our mid August meeting to talk about issues relative to hive inspection, mite control this Fall, and general questions that folks came to the meeting with. A number of us will be involved with the State Fair, and are excited the Fall KHPA meeting is close by, in Great Bend.

Next North Central meeting is October 14, location to be determined."

Jim Morford

Brenda Seader, Seader's B'z Apiaries, Weskan, KS

Gives area beekeepers a tour of her nuc yard.

Brenda Seader, of Seader's B'z Apiaries, Weskan, Kansas hosted beekeepers from far western Kansas, June 23, 2018 at the Fort Wallace Memorial Museum's historic Section House B&B in Wallace, Kansas. For those of you unfamiliar with western Kansas, Wallace is located 28 miles from the Colorado boarder.

Folks from up and down highway 27, Lakin, KS and other places attended the gathering. Basic honey extraction methods were discussed. In addition extraction equipment was available for folks to see.

The last part of the meeting took place at one of the Seader B'z Apiaries.

Participants learned how to make Randy Oliver's alcohol mite wash cups from plastic cups and did a mite test. Brenda demonstration the equipment and procedure for OVA mite treatment.

This group of bee-folk just started coming together this spring. Previously there

were very few beekeepers in this area of western Kansas. The group welcomes anyone who would like to come out to support, education and a darn good time!

From left: Rod May, Trina May, Brenda Seader, Jade Like, Bobbie Landon Asa Like (the little guy) Dan Seader (taking pics)



Overwintering Honey Bee Colonies

Winter a most difficult time for bees, even more so if the beekeeper hasn't prepared the hives correctly. This is the time of year when the most losses occur, mainly through ignorance or bad management the hives are left to their own devices.

Requirements of overwintering colonies of honey bees are strong, vigorous colonies with abundant winter stores (90 lb (40.8 kg) honey in October) in the proper position in the hive. Winter consumption of honey and its effect on colony yields the following season were calculated for 1,034 colonies over 8 years and show an average yield of 49 lb (22.3 kg) more honey for colonies that consumed more winter stores than the average from October to April.

Cessation of brood rearing in August, September, and October resulted in corresponding reduction in production the following summer of 141, 106, and 60 lb (64, 48.1, and 27.2 kg) compared to colonies allowed to rear brood into late fall. A test conducted during two winters using cutaway hive bodies with exposed combs emphasized the importance of wind protection for winter survival.



Science and Education Administration
UNITED STATES DEPARTMENT OF AGRICULTURE
Washington, D.C. May
1978 Overwintering Of
Honey Bee Colonies
Production Research Report No. 169

The Kansas Honey Producers Association

Fall Meeting

Friday and Saturday, October 26 and 27, 2018
2920 10th St., Great Bend KS

Best Western Angus Inn and Adjoining Perkins Restaurant & Meeting Rooms

We'll be meeting at the Best Western in Great Bend, 2920 10th St. You can make your reservations at any time as our block is all set up. To get the block pricing please make your reservation by October 11th. You can reserve your room by calling 620-792-3541. Room rates are \$75.95 per night for exterior rooms and \$80.95 for interior rooms.

Our guest speakers will be:

Gary Reuter: Apiculture Technician, University of Minnesota

Gary will do a 1-day (Friday) Queen Rearing Workshop that will be limited to the 30 people – there will be a nominal fee or \$6 charged for some of the materials. It will be payable on Friday. Saturday you will be able to check your grafts-so maybe an hour on Saturday too. Limited to 30 people

Ginger Reuter: will do a beeswax workshop, a Batik demo & a workshop on Ukrainian Eggs limited to 12 people.

John Miller: Commercial Beekeeper, Gackle SD, Newcastle CA and Blackfoot ID. Miller Honey Company produces millions of pounds of honey each year.

Pat Randol is from Winterset Iowa and operates Randol Honey Farm. She has quite a few hives and does several Farmers Markets in the area. She does a lot of value added products. She will present on Making Goats milk soap with honey and making lotions and lotion bars. They also make creamed and flavored honey, collect pollen and so much more. They also have a website that they sell from.

Please note that there will be two programs going on at one time a several times there will be three choices. The Queen rearing workshop which is limited to 30 people and the Ukrainian Eggs Workshop is limited to 12 people will need to be preregistered. For those two workshops you must email Joli at joli@heartlandhoney.com or call her at 913-593-3562 to reserve your space.

To finish filling out the program I am trying to add some more solid beekeeping talks to Saturday's schedule and on Friday I'm trying to add a presentation on social media for rural small businesses. Does anyone have a microwave that you could bring to the meeting for one of our guest speakers to us? Any ideas for a fun program on Friday night? Call Joli Winer at 913-593-3562 or email me if you have any ideas.

Cooking Contest-Friday, late afternoon. Appetizers with honey as the main sweetener.

Members are asked to bring enough for 75 people. Prizes will be awarded and plates will be provided. Please bring recipes.

Mark your calendars for Spring, March 8 & 9 2019 in Lawrence KS. We have Dr. Juliana Rangel from Texas A&M.

Thursday, October 25th Board Meeting 8 PM Perkins Meeting rooms

Friday, October 26th

- 7:45-8:30 Registration-Silent Auction Set up
8:30-8:40 Kansas Room: President Jim Kellie-Welcome
8:50-9:45 Kansas Room: Keynote John Miller, The Big Trends Driving Beekeeping
8:50- 4:50 Sunflower Room, Gary Reuter-Queen Rearing workshop-all day-you must pre-register by calling or emailing Joli Winer at 913-593-3562 or joli@heartlandhoney.com. Class limited to 30. Fee due at workshop of \$6 for materials.
9:50-10:45 Kansas Room: Cheryl Burkhead, Bloom Period of Pollinator Plants in our area-plus great suggestions of what you can plant to attract bees
10:45-11:05 Break
11:05-12:00 Kansas Room: TBA
11:05-12:00 Derrick Room: Ginger Reuter, Encaustic Painting
12:00-12:45 Lunch
1:45-2:45 Kansas Room: Making Creamed Honey (speaker to be announced) Making Flavored Liquid Honey, Pat Randol (1/2 hour each)
2:45-3:05 Break End of Silent Auction
3:05-3:55 Kansas Room: Tips and Trips for Finding the Queen
3:05-3:55 Derrick Room: Goatmilk Soap and Lip Balms, Pat Randol presents
3:55-4:50 Kansas Room: Ginger Reuter, Beeswax and Candlemaking
4:50 Kansas Room: Honey Appetizer contest and meeting of area groups with their representatives -some groups will need to select new representatives for their areas.
6:00 Kansas Room: Dinner and Program

Saturday, October 27th

- 8-8:20 Registration & Silent Auction Set up
8:20-8:30 Jim Kellie Welcome
8:30-9:25 Kansas Room: John Miller, Succession Planning & the ABC's -Anywhere but California
8:30-9:25 Derrick Room: Pat Randol, Lotions, Balms and Deodorant
9:30-10:25 Kansas Room: TBA
9:30-10:25 Sunflower Room: Completion of Queen Rearing Workshop from Friday-must be pre-registered-check Queen cells
10:25-10:55 Break
10:55-11:15 Presentation by Grant Recipients
11:20-12:15 Kansas Room: Making Labels and Selling on a Website, Pat Randol
11:20-12:15 Sunflower Room-Ginger Reuter, Ukrainian Egg Workshop (Limited to 12 pre-registered people)
12:15-1:00 Lunch- end of silent auction at 1:00
1:00-1:55 John Miller, The Next Ten years will be the Best Ten Years in Beekeeping
1:00-2:55 Derrick Room: Apitherapy-What you need to know to get stinging-Candy Rogers Vinduska
2:00-2:55 Kansas Room: Mead Making, Gary Reuter
2:00-2:55 Derrick Room: Apitherapy continued
3:00- Kansas Room: General Business Meeting and Elections

Program times and topics subject to change

KHPA Fall 2018 Meeting Registration Form

NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP+4 _____

COUNTY _____ PHONE _____

E-MAIL _____ write email address clearly

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

List names of those registered for name tags

Meeting Registration For members: Children under 18 free

Per Person 2- day registration-Friday and Saturday \$ 80.00 X _____ = _____ Per Person

1- day only _____ Friday only _____ Saturday only \$ 50.00 X _____ = _____

To register for the Queen Rearing (first 30) and for the Ukrainian eggs (12 people) You must call or email Joli to register for those joli@heartlandhoney.com or 913-593-3562. There is an extra fee of \$6 for the Queen rearing due at the meeting.

Meeting Registration For Non-members: (Includes a 1 year membership)

Per Person 2- Day registration-Friday & Saturday \$95.00 X _____ = _____

Per Person 1- Day _____ Friday only _____ Saturday only \$60.00 X _____ = _____

Lunch Friday-Salad and Baked Potato Bar \$13.50 X _____ = _____

Lunch Friday - Children under 12 \$7.00 X _____ = _____

Lunch Saturday-Sandwich Deli Buffet \$15.00 X _____ = _____

Lunch Saturday - Children under 12 \$8.00 X _____ = _____

Friday Dinner Buffet and Program-Pasta Buffet Penne Pasta with Alfredo & Marinara Meat with a salad bar and a slice of Perkin's Pie

Check here if you want a vegetarian meal _____ \$18.50 X _____ = _____

Children under 12 \$8 X _____ = _____

Membership for Kansas Honey Producers Association: Renewal New \$15.00 _____

Youth Membership 2018 (18 years of age or under) Renewal New \$7.50 _____

Donation for Grant Project \$ _____

Northeastern KS Beekeepers Assn. Membership \$15.00 _____

Total \$ _____

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

Robert Burns, 7601 W. 54th Terr., Shawnee Mission KS 66202

913-481-3504 or email rburnshoney@gmail.com **Registration** & payment now accepted with PayPal at

www.kansashoneyproducers.org Note: No Receipts will be sent.

Kansas Honey Producer's Association
Robert Burns
7601 W. 54th Terrace Shawnee Mission, KS 66202
Address Service Requested



Kansas Honey Producer's Association Membership Application

Name _____

Address _____

City _____ State _____ Zip Code _____

Phone# _____ Email 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 names: _____

Youth Membership (18 years of age or under) \$7.50 _____ American Bee Journal 1 year subscription \$24.00 _____

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. Email: rburnshoney@gmail.com

Mail to: Robert Burns, 7601 W 54th Terrace, Shawnee Mission, Kansas 66202 Phone# 913-831-6096

The Kansas Honey Producer's Association is a nonprofit 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.

Renew On Line
www.kansashoneyproducers.org