WILLIAMSON COUNTY AREA BEEKEEPERS ASSOCIATION

WCABA JANUARY 2024 NEWSLETTER

www.wcaba.org

2024 Club Officers:

PRESIDENT: Shannon Montez president@wcaba.org

VICE PRESIDENT: Nancy Kunschik

 $\underline{vicepresident@wcaba.org}$

MEMBERSHIP: Shirley Doggett membership@wcaba.org

PROGRAM: Linda Russell program@wcaba.org

NEWSLETTER: Jimmie Oakley newsletter@wcaba.org

SECRETARY: Phil Ainslie secretary@wcaba.org

TREASURER: Barbi Rose treasurer@wcaba.org

HISTORIAN: Matt Ludlum historian@wcaba.org

PAST PRESIDENT: Phil Ainslie pastpresident@wcaba.org

LIBRARIAN: Chris Huck librarian@wcaba.org

SCHOLARSHIP CHAIR: Jimmie Oakley scholarship@wcaba.org

cholarship(w)wcaba.org

QUEEN CHAIR: (vacent)

WEB ADMINISTRATOR: Rachel Glass

webmaster@wcaba.org

DIRECTOR AT LARGE: Ken Browning

DIRECTOR AT LARGE: Ann Bierschenk Meeting: **4th** <u>TUESDAY</u>, January 23, 2024 @ 7PM Georgetown Library Hewlett Room (2nd floor)

PROGRAM:

Beekeeping 101: Phil Ainslie – Beekeeping Basics Beekeeping Equipment and Basic Bee Anatomy

Beekeeping 201: Shannon LaGrave

Honey Bee Anamoty – Shannon LaGrave has been a beekeeper for 17 years and continually finds new facets of beekeeping to engage the mind. Through focused research of bee related knowledge, the desire to learn more details regarding the functionality of the honeybee's body and the intricacies and behavior inspires this presentation on Honey Bee Anatomy. Shannon has found that understanding more of the individual



organisms tied to a eusocial insect colony allows a greater understanding of everyday beekeeping knowledge.

ZOOM Notes:

We would certainly enjoy your presence at the next meeting on May 23rd (*forth* Tuesday), but if you can't, then tune in to broadcast virtually via "Zoom". If you are planning to join from an iPhone or iPad, be sure to download this application first: https://apps.apple.com/us/app/zoom-cloud-meetings/id546505307

We look forward to seeing you there Tuesday night @ 7PM! GT Library - Hewlett Rm- 402 W 8th Street Georgetown 78626 Topic: WCABA Member Meeting (and Beekeeping 101)

Topic. W CADA Member Meeting (and <u>beekeeping 1</u>

Time: This is a recurring meeting Meet anytime

Join Zoom Meeting

https://us02web.zoom.us/j/82475068933?pwd=aHRiRjc3bS9kYXJGS2g5THVpOEx2UT09

Meeting ID: 824 7506 8933. Passcode: 909659 Topic: <u>Beekeeping 201 Meeting</u> (concurrently) Time: This is a recurring meeting Meet anytime Join Zoom Meeting

https://us02web.zoom.us/j/83978758570?pwd=aElyMzBvODBMZjhJakcrTHFZcXFwQT09

Meeting ID: 839 7875 8570. Passcode: 344046

Welcome

...a note from your President

As we start the new year and are bundled up in our homes, I try to console myself that the cold will end soon. I moved to Texas for the warm weather, and I sure got that wrong! For those of you new to beekeeping, I want to welcome you to WCABA. For those of you returning, welcome back. It'll be great to see familiar faces at our monthly meetings. This new year, we welcome new members to our board; Nancy Kunschik, who steps in as VP, and Ann Bierschenk and Ken Browning who both serve as members at large. Our club is run by volunteers and our success is only



Shannon Montez - President

because of the volunteers. I would like to encourage everyone to get involved. Even if you're new, your help is always welcome.

While many of you were preparing for Christmas, we were already getting orders for our spring Nuc's. If you're a new member and wanting to start beekeeping this year, make sure you join our meetings. Our speakers provide the information you need to be prepared for that first moment you take your bees to your hive. And remember, no question is a bad question. Those who have been beekeeping for years encounter new issues and our members are always willing to share their insight. The recent cold may have brought you issues for your hives.

We're looking forward to some great speakers this year. For those of you who can't attend our meetings, you're still able to catch the meeting on zoom. Although we don't have many that join us, we do have a few, and more so for the Beekeeping 101. Don't forget that we do offer our Beekeeping 201 on zoom. We don't have many that join us for this, but for now, we're still providing this option if you're not able to make our meetings.

I do want to encourage you to purchase your NUC before the deadline. We can only transport a set number of NUC's back from Louisiana and if you get your order in too late, you'll be out of luck.

Shawow

Honey for Allergies

by Phil Ainslie

What Are Allergies?

Seasonal allergies are the plague of many who love the great outdoors. They usually begin in February and last until August or September. Seasonal allergies occur when plants start to produce pollen. Pollen is a powder-like substance that helps plants make seeds and reproduce.



Phil Ainslie - Secretary

People can inhale pollen, which leads to seasonal allergies. The allergies occur when the body perceives the pollen as a foreign invader, similar to a bacteria or virus. In response, the body mounts an attack. This results in sneezing, watery and itchy eyes, a runny nose, a sore throat, cough, headaches, and trouble breathing.

Over-the-counter treatments are available for seasonal allergies, but many prefer natural ones. One example rumored to help with seasonal allergies is local honey. Local honey is raw, unprocessed honey made close to where you live. This honey is rumored to relieve allergies, but scientists and doctors are skeptical.

Why Is Honey Believed to Help Allergies?

The idea behind honey treating allergies is similar to that of a person getting allergy shots. But while allergy shots have proven effective, honey hasn't. When people eat local honey, they are thought to be ingesting local pollen. Over time, a person may become less sensitive to this pollen. As a result, they may experience fewer seasonal allergy symptoms.

It's true that bees pollinate flowers and make honey. However, the amounts of pollen from the environment and plants are thought to be very small and varied. When a person eats local honey, they have no guarantee how much (if any) pollen they're being exposed to. This differs from allergy shots that purposefully desensitize a person to pollen at standard measurements.

What Research Has Been Conducted Regarding Honey and Allergies?

One PubMed Central (NIH) study of honey showed that neither group who ate honey experienced relief from seasonal allergies.

However, a different study found that honey eaten at a high dose did improve a person's allergy symptoms over eight weeks.

These studies have conflicting results and small sample sizes. This makes it hard to determine if local honey could reliably help a person reduce their seasonal allergy symptoms. Larger-scale studies are needed to confirm or recommend a certain amount of honey.

What You Should Know Before You Use Honey as a Treatment?

Doctors and researchers haven't recommended a certain amount of honey a person should eat daily to relieve their seasonal allergy symptoms. Plus, there are no guarantees how much pollen may be in a serving of local honey.

Note that you should not give honey to children under 1 year of age. This is because raw, unprocessed honey has a risk for botulism in infants. Also, some people with a severe pollen allergy can experience a serious allergic reaction known as anaphylaxis after eating honey. This can cause extreme difficulty breathing. Others may experience allergic reactions such as itching or swelling of the mouth, throat, or skin.

Conclusions on Honey and Allergies

Honey hasn't been scientifically proven to reduce allergies. However, it can still be a tasty alternative to sugary foods. Some people also use it as a cough suppressant. You may need to look for a medically proven treatment if you have seasonal allergies. Examples include over-the-counter allergy medicines or simply avoiding going outside as much as possible.



Practical Experiences in the Bee Yard

JANUARY FACT: Honey Bees do not wait on humans for help. If you receive a call about a swarm or other bee issue, you need to respond NOW! Read those words again.

What expectations we have for the new bee year! Seasoned beekeepers as well as beginners have "honey harvest" in their thoughts. In years past, wired-wax frames from moth-eaten supers were scraped, boiled in Red Diamond brand lye water, held under with a long handled garden rake until the greater part of the wax melted. They were then removed with the rake and sprayed with a strong stream



Stanford Brantly

of water until clean. Today, we say "Another dead-out" and pile the frames and maybe the box also in the burn pile. With a quick call or visit to the supplier's website, we order a new "everything" and it shows up at our door a few days later. In the same manner, we can easily order NUCS, packages or other replacement bees.

If you have hives in the city, you can usually find bees carrying pollen all year, especially in January and February. How can this be? Think about the local Garden Club and those window boxes of flowers. If you are in the country, you will see the bees go to the wooded areas under the forest canopy, looking in protected areas for the blooming things that produce early pollen.

Soon bees laden with loads of different colored pollen will begin to arrive at landing boards. Green pollen is from the early blooming ELM. Maple has bright red pollen. Google "pollen color chart" and you will find links to numerous articles and pollen-by-color charts. Not all will be specific to your region but may help you learn to identify pollen sources. Another interesting search is "identify plants by pollen color".

Inspections may begin in January when the air temperature is in the 60 degree range as long as there is good sunshine and light wind. Be mindful of the queen when doing inspections. She is probably just starting to lay, will be easily excited, and may fly away if you pull her frame. If you pull the frames, observe them quickly and get them back in the hive.

If you are new to beekeeping and planning on getting your first hives, now is a good time to start the learning process. A good place to start obtaining information could be your county Texas AgriLife office. Local bee clubs usually have training classes. They can also help you locate proper equipment and obtain bees. Consider participating in more than one class if several are available in your area. You will find that you can learn more in each session.

Consider locations to place your hives. The hives should be on level ground or have some type of stand that makes the hive set level. Current guidance suggests the hive face east or southeast and be mostly in the sun all day. A little late evening shade will not be a problem. Moving hives and equipment can be heavy so the hive should be easily accessible by the type of vehicle you plan to use.

Your bees will need access to a reliable water source that is close to the apiary. A nearby year-around lake, pond or stream is ideal. If a natural water source is not available, you will have to find a way to provide reliable water, especially during the hot and dry months of summer. Be aware that your bees will search as far as they have to find water, even if that means drinking from your neighbor's pool or birdbath.

In my opinion, you must learn to think like a bee. Bees are driven by their nature to act in certain manners. It is often very difficult to make bees do as you wish. That is why it is important to study and learn as much as possible about bee behavior. As an example, do not violate bee space if you want to obtain frames of comb providing the most uniform area for the queen to lay solid patterns of brood. If you don't know about bee space, you had better learn. Fortunately, there is a wealth of Internet articles and videos about almost anything in beekeeping as well as books from online sources and bee supply houses. Take advantage of these resources and strive to be an informed beekeeper. *Stawford*

Bee Sweet – A Member's Journey

"Bee sweet" were my mother's parting words every time I left the house while growing up. We did not have been bee hives and she was referencing behavior and treatment of others. Because we now do have bees, I'd like to marry the two concepts by incorporating these words into a name for our homeplace north of Taylor which we started settling about five years ago after we moved from Austin.



Nancy Kunschik - V P

Bees need food/pollen year-round. That did not seem forthcoming with the large fields of mono crop agriculture that seemed to surround us. Hence, I decided to add some plant diversity to the place. After forty years of working the Edwards Plateau limestone soils west of IH35, the black land prairie clay east of 35 was a new challenge. Failed attempts ended with my vegetable garden overrun with Johnson grass and my flower beds with Bermuda grass. I learned both are nonnative and invasive! How to get rid of them with minimal to no use of herbicides and pesticides? My quest to support the learning curve on how to grow an English style cottage garden with backyard homesteading features lead me to the Native Plant Society of Texas.

Their website, Native Plant Society of Texas, stresses why native plants are so very important:

- Drought- tolerant thereby conserving water
- o Provide habitat for wildlife like birds and BEES
- Do not need fertilizing
- o Help us maintain biodiversity

Currently, I have vegetable, flower and gardening beds buried in wood chips. It will take a year for the invasives and their seeds, that germinate at different times, to be suffocated. That gives me time to design the hardscape and decide on plants for the softscape. Native grasses like little and silver bluestems and sedges, will be replanted along with native trees, shrubs and flowers that will offer year-round bloom/pollen for the bees.

Wish me luck with my wildscaping endeavors and *bee sweet to yourself and to others*.

Nancy K

DID YOU KNOW... submitted by Ann Bireschenk

It's dangerous to use metal spoons with honey?

"I did not know this. I have local honey in my tea, always using a metal spoon"

Did you know that one of the world's first coins had a bee symbol?

Did you know that honey contains live enzymes?

Did you know that in contact with a metal spoon, these enzymes die? The best way to eat honey is with a wooden

spoon; if you can't find one, use a plastic spoon.*

Did you know that honey contains a substance that helps the brain work better?



Ann Bierschenk - Dir @ Large

Did you know that honey is one of the few foods on earth that alone can sustain human life?

Did you know that bees saved people from starvation in Africa?

That a spoonful of honey is enough to keep a man alive for 24 hours?

Did you know that propolis produced by bees is one of the most powerful natural antibiotics?

Did you know that honey has no expiry date?

Did you know that the bodies of the world's greatest emperors were buried in gold coffins, then covered in honey to prevent putrefaction?

Did you know that the term "Honeymoon" (honeymoon) comes from the fact that the bride and groom consumed honey for fertility after their marriage?

Did you know that a bee lives less than 40 days, visits at least 1000 flowers and produces about 1/8 of a teaspoon of honey, but for her it is the work of a lifetime. Thank you precious bees!"

Ann

It's dangerous to use metal spoons with honey - Myth

*This is an old wives' tale that won't go away. While honey is acidic, scooping your honey with a metal spoon is such a quick movement that corrosion of the metal is unlikely. However, we do not recommend storing a metal spoon within your honey for long periods of time...

SIOUX HONEY COOP – Sue City, Iowa. (The Editor)

Open The "Bee-Door" For 2024...And What I Know Right Now!

Nuc and Queen ordering is well underway. To date, I have received orders for 33 Evergreen Nucs and 16 Bee Weaver Queens. I am sure we will reach the 300 Nuc order threshold. The order deadline is February 29th.

At the Tuesday, January 23rd WCABA Club meeting we will have an on-site Nuc and Queen ordering table with directions and Order Forms available. We encourage you to order in-person then.



Gary Bible - Procurement

The Nucs come from Louisiana (Evergreen Honey Company) with 5 frames, a healthy, Italian, mite resistant, laying queen, with 2 or 3 frames of brood, and a frame or two of honey and assorted bees.

The Queens are from Bee Weaver and are hybrid, mite resistant, marked and clipped. These queens are excellent.

The club members pick up date will be Saturday April 13th or April 20th. We will let you know when we confirm.

Overnight pickup will be accomplished by our experienced team of 4, that will drive to Louisiana, load and drive the Nucs in the wee hours to arrive at the Bost Farm anywhere from 3 to 6 am on that Saturday morning.

The Nucs will be stationed in the Bost "bee yard". Distribution will be akin to the McDonalds/Wendys drive through method using the voucher system. Bring your printed vouchers, or deal with me, ugh!

We need club volunteers for nuc screening, placement, and loading/handout.

Pick up time is from 7 am until 3 pm. We suggest you come early to pick up your Nucs and Queens. Did I say bring your printed pickup voucher?

Directional signs will be placed at the Bost Farm informing you where to go and what to do.

That's all for now. You will be receiving the final pickup date announcement and Queen and Nuc Vouchers in your email in the next month or so.

If you want to volunteer to be involved in our yearly adventure, please contact me and I will pass your name along.

I am impatiently awaiting the 2024 Nuc and Queen "bee happening" at the Bost Farm!

Comments or questions? I am at glbible@austin.rr.com or Cell – 512-923-0410. I can talk bees 24/7, unless I'm asleep!

Gary Bible - WCABA Bee Procurement Coordinator

MEMBERSHIP APPLICATION

WILLIAMSON COUNTY AREA BEEKEEPERS ASSOCIATION

Dues \$20.00 per year - individual or \$25.00 - family membership New Member / Renewing Member (circle one)

Date:	
Name:	Amount: \$
Address:	
City/State/Zip:	
Phone: ()	e-mail:
(please print)	
To save po	stage cost may we send your Newsletter via e-mail? Yes[] No[]
<u>*</u> ·	e, and bring to club meeting, or mail with check to: Doggett - Membership - 400 C. R. 440 - Thrall, TX 76578
	b 5-Frame Nuc & Queen Order Form - 2024 ORDER #
	City/State/Zip
Phonewant to order:	e-mail: I re you a current member? [] Yes! please print
	Nuc (Based on group order of 100 nucs) \$175.00/ Nuc. three frames brood, mated queen, "NOT" marked or clipped.
	See Queen (Based on group order of 100) \$40.00/ Queen for marked & clipped Queen from mite tolerant and virus resistant stock.
How will you pay? CA	ASH or Check # TOTAL \$ AMT
Mail remittance to:	

WCABA Order/ Gary Bible - 150 Sundance Trail, Liberty Hill, TX 78642

Must be Current Member - Nuc order deadline: Must be postmarked by February 28th or while supplies las.t Limit 6 nucs per family, 4 nucs for new members. No individual resale or ownership transfer on nucs once order

<u>All secondary transactions and scheduling must come through the club for tracking & delivery.</u>
Special Instructions:

2023 Honey Harvest Results

Thank you to everyone who participated in the 2023 survey. We had 65 responses this year with lots of great feedback. 59 of respondents harvested honey this past year with the median beekeeper harvesting between 40-160 pounds.

The 2023 freeze, while brutal to trees, seemed to have little effect on the bee hives with most respondents not noting any colony losses.

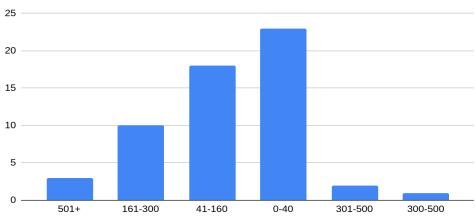
To note, the area had roughly 12 inches of rain from the February through May, supporting a good wildflower season, especially coming off last year's rough drought. We saw a dry summer, but a late October heavy rain delivered a fair bit of moisture.



Matt Ludlun - Historian

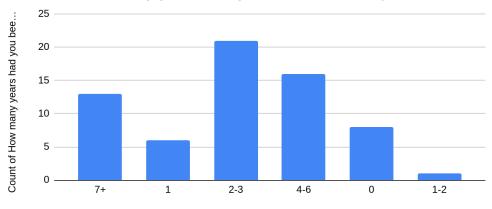
The 2024 survey will include some critical questions missed on this survey, so we look forward to a happy and productive season!





Count of How many pounds of honey did you extract?

Count of How many years had you been a beekeeper?



How many years had you been a beekeeper?

Another Winter in the Scholarship Bee Yard

...and another sub-freezing event our bees must endure.

With greater regularity the weather seems more severer than I can remember from

earlier days in beekeeping. Nevertheless, we cope.

Over the past several weeks or month I have been moving bee hives from out yards back to the Bost Farm. Once because the pickers in the pecan orchard wanted to be bee-free while harvesting the nuts, another time because the Parks Department wants to address the grass issue at the Heritage Garden. Whatever the reason many beehives ended up along the southern fence line at the Bost Farm.

Having winterized the hives to the extent we can by checking for adequate honey stores and placing a dry sugar cap on cardboard on top of each they seemed ready to go, then...Arctic Blast!

Once again, I turned to my old North Dakota ways and "wrapped" the hives against the elements of cold (sub-freezing) and wind (gust to

50 mph). Did this help? Maybe. Did it hurt? Probably not.

I do know when it was gray, cloudy and 15 degrees, they seemed to be hunkered down quite well, and when the temperature moderated the bees were all flying in great numbers.



Scholarship hives moved from Heritage Garden to Farm



Wrapping the scholarship hives before the freeze



Cold gray day at 17*, Burrr... but bees are snug inside!

Membership Report: Shirley Doggett January 2024

New Members:*

John Sloop Dripping Springs

Renewing Members:

Ken Barnes	Georgetown
Ann Bierschenk	Georgetown
Barbara Blizzard	Round Rock
Lorraine Brady	Georgetown
Rodney Brown	Georgetown
Vicky Carrol	Florence
Gary Cassens	Georgetown
Christine Collins	Georgetown
Traci Cox	Georgetown
Benji Cox	Dale

Benji Cox Dale

Paul Davis Georgetown Ken Dennis Georgetown

Daniel Ernst Liberty Hill Brandon Griffith Leander Danny Hefner Killeen Paul Illingworth Georgetown **Anthony Rios Taylor** Tina Lim Austin **Dudam Maletic** Bartlett Jerry Mikus Pflugerville Cal Newnam Georgetown Sean O'Neil Leander Barbara Pope Georgetown Jason Rask Georgetown Susan Robison Nolanville Blake Taliaferro Round Rock

Harold Vanicek Meadowlakes
Donna Watermiller Georgetown
Greg Willy Round Rock

Shirley Doggett - Membership Director

Elmer Goertz Pflugerville
Judith Haller Austin
Lloyd Heller Liberty Hill
Chad Johnson Taylor
Nancy Kunschik Taylor

Jennifer Virden
Lester Wetherell
Mike Cardoza

Matt Makarczyk

Roger Marcum

Sherry Morrey

Randy Oakley

Katie Prescott

Blain Ullrich

Lisa Paul

Jim Ray

Bill Soja

Taylor
Taylor
Taylor
Taylor
Leander
Burnet
Elm Mott
Leander
Briggs
Georgetown
Liberty Hill

Georgetown Austin

Bertram

Georgetown

Hi Folks

Shirley

^{*}New members- please remember that Texas Beekeepers Association still gives one-year free membership to those people that are new to beekeeping. Let me know if you are interested in this. Best Wishes

WCABA Board Meeting Minutes

November 16, 2023

The meeting was called to order on November 16 at 7:03 pm.

Attending: Phil Ainslie, Ann Bierschenk, Ken Browning, Jimmie Oakley, Randy Oakley, Barbi Rose, Shannon Montez, Matt Ludlum, Gillian Mattison and Linda Russell.

- The minutes from Sept 2023 were approved.
- New board members: Shannon presented the new board members. Ann Bierschenk and Ken Browning are now the new directors at large.
- Scholarship program by Randy Oakley.
 - Randy has been trying to adapt the adult program to the youth. He questions the results of this program. Ideally, the youth will continue beekeeping. However, it seems they lose interest, and their parents take over. He suggested limiting the program to two scholarship recipients. Randy suggested going back to the one-year program. He feels this will make coordinating with students' busy schedules easier. He also suggested a one-half-day workshop on basic beekeeping, including some hands-on experience. Then, the committee will pick from those that show an interest.
 - He also suggested awarding the hive and gear at the end of the one-year program. If a recipient has no interest in continuing, they can leave the colony and gear with the club.
 - A decision was made to work up some proposals and send them to the board members in about 30 days.
 - Recruiting motivated youth:
 - Ideas included flyers, schools, home school co-ops, vocational agriculture programs, and FFA clubs.
- The membership report was tabled until the next board meeting.
- Treasurer report by Barbi Rose: Barbi presented the report, and the board members reviewed her presentation and approved the report.
 - o Jimmie Oakley mentioned that the state may require additional permits and fee increases.
 - The 501C3 permitting process is ongoing and may take several months.
- Bee procurement:
 - This year's nuc price will be \$175.
 - The tentative pickup date is April 13 or 20th.
 - o 100 queens are to be ordered.
- Program report by Linda Russell:
 - o Phil Ainslie will do beekeeping 101. 201 to be announced.
 - o The scholarship recipients will do a presentation in February.
 - The board discussed continuing the 201 program and combining or separating 101 and 201.
 - o The board agreed to start the member meetings at 7 pm and continue until 9 pm

Williamson County Area Beekeepers Association Treasurer's Report - As of January 19, 2024 **Profit and Loss ACCOUNTS** Year to Date Income Program Income - Bee Procurement (2024) \$4,935.00 \$550.00 Program Income - Membership Dues Program Income - Scholarship Program \$0.00 Total Income \$5,485.00 Cost of Goods Sold Bees \$0.00 Scholarship Program Honey \$0.00 **Total Cost of Goods Sold** \$0.00 **Gross Profit** \$5,485.00 **Operating Expenses Donations and Gifts** \$0.00 \$0.00 \$0.00 Insurance **Meeting Supplies** \$0.00 \$0.00 Permits **Professional Fees** \$0.00 \$0.00 Scholarship Program Expenses Speaker Fees \$0.00 \$0.00 Travel Expenses Venue Rental Expense \$0.00 Website and Zoom \$0.00 **Total Operating Expenses** \$0.00 **Net Profit** \$5,485.00 **Balance Sheet ACCOUNTS** As of January 19, 2024 Assets Total Cash and Bank \$48,222.92 Bee Procurement Downpayment \$0.00 **Undeposited Funds** \$4,935.00 **Total Assets** \$53,157.92 Liabilities **Total Liabilities** \$0.00 **Assets & Liabilities** \$53,157.92 Equity Retained Earnings - Prior Years \$47,672.90 \$5,485.00 Retained Earnings - Current Year **Total Equity** \$53,157.90 Bee Procurement Program - 2024 (in process) Income \$4,935.00 Program Income - Bee Procurement Cost of Goods Sold Bees \$0.00 **Gross Profit** \$4,935.00 Expenses \$0.00 Insurance Permit \$0.00 **Travel Expenses** \$0.00 **Total Expenses** \$0.00 \$4,935.00 **Net Profit** Notes: Bee Procurement Downpayments \$0.00 Bee Procurement Commitment \$52,500.00

In-person pick-up

(10,500.00)