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Cover picture: Hard to resist a sneak peek at Honey Bee activity in six-frame nucleus colony overwintering indoors.

Photo by James Campbell, Stonewall, MB



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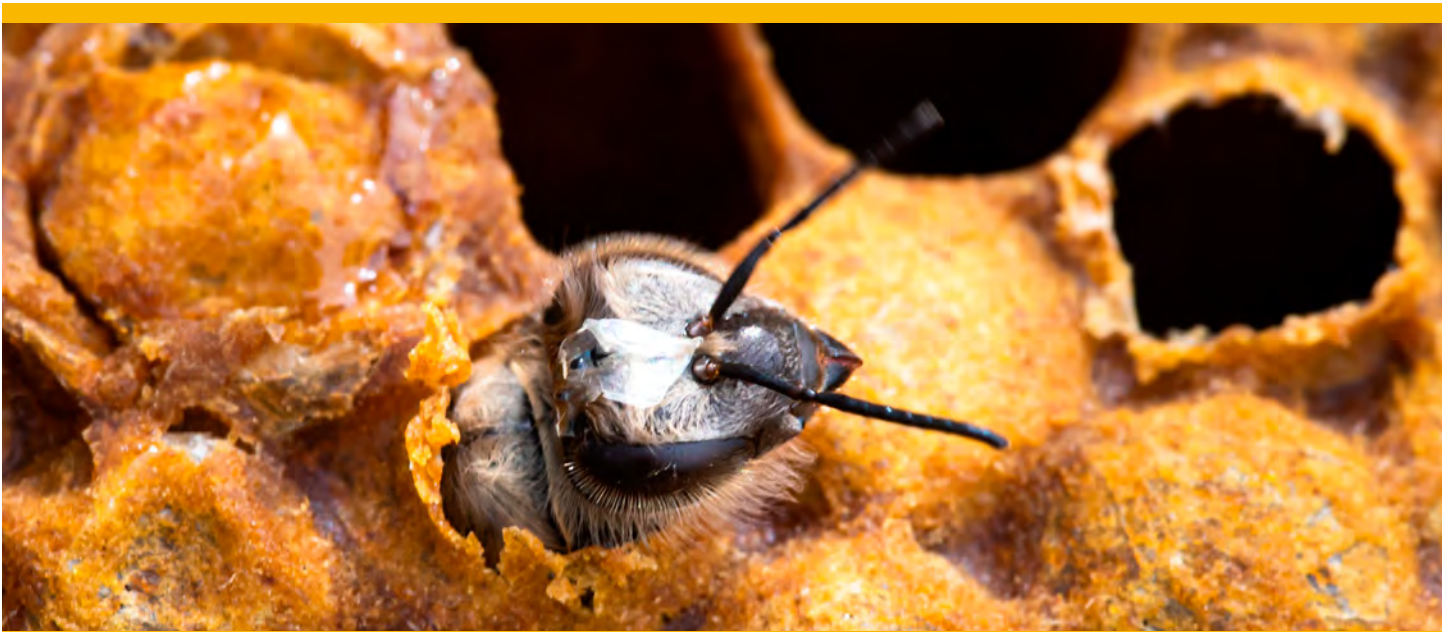
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Canadian Honey Council Report



Rod Scarlett, Executive Director, CHC

When dealing with statistics, it is important that they be put into context, and that context needs to be based on facts. For example, if I were to say that every province in Canada had no winter losses with the exception of Alberta who experienced 50% loss, I could say the average winter loss in Canada was 5%. But in reality, if the total number of colonies in Canada is 800,000 and Alberta has 300,000 colonies, the average winter loss of colonies in Canada would be 18.75%. How we look at numbers and statistics is important, and although you may disagree, often times numbers indicate trends. They may not be exact, and they may not be complete, but they do show where things are at a particular point in time. Over the course of the past year, I have heard numerous arguments for expanding our source of stock, including opening the border to US packages.

I am not going to get into the science or mitigation protocols, as a risk assessment is currently underway, but I do want to disseminate some statistics that I hope show the strength of the Canadian industry as well as the worrying trend of increased losses. The information below shows that Canada has a very strong domestic bee production history despite arguments to the contrary. For some, the domestic production comes at a cost, for others it is a benefit. How you run your business will determine how much of a cost or how much of a benefit is incurred. Over the course of the past 15 years, the vast majority of stock replacement that has occurred has been domestic production. This is very important in the quest for self-sustainability

keeping in mind this excludes the growing number of queens that are imported every year.

There have been years, however, where imported stock has taken on an important role in honey bee sustainability. In general, package numbers are not a good indicator of overall growth in colony numbers. Looking at colony numbers alone shows tremendous growth in Canada, but it comes at a cost. In 2009, when winter losses of 33.9% and there were 611,972 colonies, it meant 204,696 colonies were needed to maintain numbers. Using that same ratio, in 2023 when we had 794,341 colonies it would mean 269,282 colonies were needed just to stay even. That is a lot more production needed to have no growth. Other factors need to be examined when looking at the stock issue. The growth of the pollination sector, particularly that of blueberries on the East and West coast has resulted in less focus on honey production but earlier demands on building strong colonies. With more acres coming into production, more demands for colonies will no doubt follow.

A more concerning trend is the upward trend in overwintering losses in Canada. While our colony numbers have grown, the same cannot be said for honey production. Perhaps having to focus so much on domestic stock production, like splitting strong colonies, it has negatively impacted the revenue avenue that a good deal of beekeepers rely upon. Moreover, supplying stock to some pollination sectors early in the year has a detrimental impact on the bees and honey production. Independently or regionally, beekeepers can't just ignore the demands that are

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happening nationally, and everyone needs to strive to find a solution that can address the whole of industry’s needs. I’ve heard it said you can put seven beekeepers in a room and get eight different opinions. Different circumstances may require innovative thinking.

There are pros and cons about importing stock and I don’t think we will ever get to the stage where we don’t have to have imports to meet all the domestic demands. What the statistics do say is that we do a good job in generating domestic production. Still, the demand to address the growing requirements of the industry does require attention. ■



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Canadian annual hive count, mortality, package bee imports and calculated domestic hive production

Year	Number of colonies operated	Winter Mortality	Number of live hives	Number of dead hives	Net hive production	Number of packages imported	Number of domestically produced nucs or splits	Percentage of replacement hives that are packages	Percentage of replacement hives that are domestically produced
(source:CHC)									
2008	603,824	35.00%							
2009	611,972	33.90%	399,128	204,696	212,844	11,360	201,484	5.34%	94.66%
2010	641,141	21.00%	483,458	128,514	157,683	10,622	147,061	6.74%	93.26%
2011	645,600	29.30%	453,287	187,854	192,313	42,466	149,847	22.08%	77.92%
2012	719,353	15.30%	546,823	98,777	172,530	33,913	138,617	19.66%	80.34%
2013	677,824	28.60%	513,618	205,735	164,206	65,066	99,140	39.62%	60.38%
2014	714,144	25.00%	508,368	169,456	205,776	52,774	153,002	25.65%	74.35%
2015	722,246	16.40%	597,024	117,120	125,222	55,786	69,436	44.55%	55.45%
2016	767,800	16.80%	600,909	121,337	166,891	44,997	121,894	26.96%	73.04%
2017	786,839	25.10%	575,082	192,718	211,757	27,387	184,370	12.93%	87.07%
2018	803,852	32.60%	530,329	256,510	273,523	31,638	241,885	11.57%	88.43%
2019	794,425	25.70%	597,262	206,590	197,163	41,339	155,824	20.97%	79.03%
2020	762,223	30.20%	554,509	239,916	207,714	13,746	193,968	6.62%	93.38%
2021	817,926	23.20%	585,387	176,836	232,539	8,661	223,878	3.72%	96.28%
2022	764,828	45.50%	445,770	372,156	319,058	56,737	262,321	17.78%	82.22%
2023	794,341	32.80%	513,964	250,864	250,277	69,364	181,013	38.32%	61.68%
								16.50%	83.50% 6-year average
Information compiled by Simon Lalonde								20.17%	79.83% 12-year average

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Regional Reports



Atlantic



Rodney Reid

Now that we are in winter season, it's time to plan for the New Year and what comes with the fresh start. The past year in Atlantic Canada, weather challenges was a common theme. Winter in Atlantic Canada is forecasted to be mild which hopefully results in strong hives coming out in the spring without much strain on food reserves, however mild also brings moisture which brings its own challenges.

With the hives put away for the season, most beekeepers are planning for the next season and with that brings meetings and workshops. Now it's the season of planning workshops and Annual General Meetings (AGMs) in the coming months. The Nova Scotia Beekeeping Association will have its AGM and Symposium on February 24th, 2024. This year's theme is the Sustainable Apiary. The NB Beekeeping Association will have its Workshop and AGM March 1st and 2nd, 2024. As well planning is underway for the Atlantic Bee Tour 2024, stay tuned for more information.

There will be opportunities during AGMs to contribute to your local beekeeping community by putting your name forward for any elections and committee work. Atlantic Tech Transfer Team of Apiculture (ATTTA) has some winter workshops planned along with your respective association.

To find out more, check out the Atlantic Beekeeping Associations:

NS Beekeeping Association – www.nsbeekeepers.ca

NB Beekeepers Association – www.nbba.ca

PE Beekeepers Association – www.peibeekeepers.ca

NL Beekeeping Association – www.nlbeekeeping.com

Québec



Maggie Lamothe Boudreau

Chers collègues,

En ce début d'année 2024, je tiens à vous adresser mes vœux les plus chaleureux pour une année empreinte de santé, de bonheur et de succès, tant sur le plan personnel que professionnel. Cette année s'annonce prometteuse, et je suis impatiente de partager avec vous les développements passionnants de notre secteur.

D'abord, une excellente nouvelle : le MAPAQ a confirmé le renouvellement de la subvention Productivité Végétale, avec un financement supplémentaire de 50 000 \$ destiné à nos entreprises apicoles. Cette opportunité financière, axée sur l'amélioration de la santé, la productivité et la survie des ruches, est une aubaine pour moderniser nos équipements et faire croître nos cheptels. Je vous encourage vivement à saisir cette chance rapidement, le principe du premier arrivé, premier servi étant toujours en vigueur.

Les 23 et 24 février, notez dans vos agendas notre Journée d'Information Apicole (JIA) et l'Assemblée Générale Annuelle (AGA) des Apiculteurs et Apicultrices du Québec. Ces événements cruciaux sont vos plateformes pour partager commentaires et suggestions, nous aidant à mieux représenter vos besoins auprès des instances gouvernementales. De plus, cette initiative vous offre une occasion de contribuer activement, par votre implication au sein de l'organisation, au progrès de plusieurs dossiers essentiels à l'apiculture québécoise et canadienne. Les détails logistiques vous seront communiqués dans notre bulletin hebdomadaire – soyez prêts à vous inscrire et à participer activement.

Le Congrès de l'UPA a été un succès pour les apiculteurs, avec un tiers des participants à la plénière votant contre une résolution qui demandait l'abolition de la classe 3b de substances actives, selon le règlement établi par l'Omnibus réglementaire 2023 modifiant 24 règlements. Ce résultat représente une nette amélioration par rapport aux années précédentes,



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où le nombre de votes en faveur des apiculteurs était insignifiant.

Notre engagement envers la Chambre de Coordination et de Développement ne faiblit pas. Depuis l'adoption de la résolution durant l'AGA 2023, nous travaillons avec l'UPA pour concrétiser ce projet et espérons vous présenter bientôt les progrès accomplis.

L'été dernier a représenté un véritable défi pour notre industrie, marqué par une diminution significative de la production de miel et des prix sujets à de grandes fluctuations. Les conditions météorologiques imprévisibles, associées à la complexité de gérer la pollinisation face à l'arrivée massive de bourdons en provenance du Mexique et l'instauration de nouvelles grilles tarifaires, ont exacerbé ces difficultés. Conscients de ces problématiques, nous avons déjà tenu une réunion cruciale de la table filière apicole, où nous avons exploré différentes stratégies et proposé la possibilité d'organiser une réunion en vue de discuter des tarifs potentiels pour la saison estivale 2024. Notre objectif reste de trouver des solutions viables et équitables pour tous les acteurs impliqués.

Concernant le développement de notre industrie, la création d'un comité d'éleveurs de reines et la formation en insémination des reines représentent des avancées majeures pour le Québec et le Canada. Ces initiatives visent à renforcer notre capacité à produire des reines locales de haute qualité, adaptées à nos spécificités climatiques et de production.

Je vous rappelle l'importance de votre cotisation à votre association. Ce soutien est essentiel pour maintenir la qualité des communications et des services, comme en témoigne le travail exceptionnel effectué par Manon Deslongchamp, la secrétaire de notre groupe. Nous sommes également ravis d'accueillir Isabel Corona en tant que nouvelle rédactrice en chef de notre revue, L'Abeille.

Au plaisir de vous rencontrer lors de nos prochains événements. Prenez soin de vous et de vos proches.

Dear Colleagues,

At the outset of 2024, I wish to extend my warmest wishes for a year filled with health, happiness, and success, both personally and professionally. This year promises to be an exciting one, and I am eager to share with you the thrilling developments in our sector.

First, some excellent news: MAPAQ has confirmed the renewal of the Plant Productivity Grant, with an additional funding of \$50,000 for our beekeeping businesses. This financial opportunity, focused on improving the health, productivity, and survival of beehives, is a boon for modernizing our equipment and expanding our stocks. I strongly encourage you to seize this opportunity quickly, as the first-come, first-served principle still applies.

On February 23 and 24, mark your calendars for our Beekeeping Information Day (JIA) and the Annual General

Meeting (AGM) of the Beekeepers of Quebec. These crucial events are your platforms to share comments and suggestions, helping us better represent your needs to government bodies. Additionally, this initiative gives you a chance to actively contribute, through your involvement in the organization, to the progress of several essential issues in Quebec and Canadian beekeeping. The logistical details will be communicated in our weekly newsletter – be ready to register and actively participate.

The UPA Congress was a success for beekeepers, with one-third of the plenary voting against a resolution that called for the abolition of the class 3b active substances in the regulation established by the 2023 Regulatory Omnibus amending 24 regulations. This is a significant improvement from previous results, where the number of votes in favor of beekeepers was negligible.

Our commitment to the Coordination and Development Chamber has not waned. Since the adoption of the resolution during the march 2023 AGM, we have been working with the UPA to realize this project and hope to present you with the progress made soon.

Last summer posed a real challenge to our industry, characterized by a significant decrease in honey production and fluctuating prices. Unpredictable weather conditions, coupled with the complexity of managing pollination in the face of a massive influx of bumblebees from Mexico and the introduction of new tariff grids, have exacerbated these difficulties. Aware of these issues, we have already held a crucial meeting of the apiculture sector table, where we explored different strategies and proposed the possibility of organizing a meeting to discuss potential tariffs for the summer season of 2024. Our goal remains to find viable and equitable solutions for all involved parties.

Regarding the development of our industry, the creation of a queen breeders' committee and the training in queen insemination represent major advances for Quebec and Canada. These initiatives aim to strengthen our ability to produce high-quality local queens, adapted to our climatic and production specifics.

I remind you of the importance of your contribution to your association. This support is essential to maintain the quality of communications and services, as evidenced by the exceptional work carried out by Manon Deslongchamp, the secretary of our group. We are also delighted to welcome Isabel Corona as the new editor-in-chief of our magazine, L'Abeille.

Looking forward to meeting you at our upcoming events. Take care of yourselves and your loved ones.



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Ontario



Albert Devries

I would like to start by thanking John Van Alten for the work that he has done for Canadian Honey Council for the past 2 years. John has many years of industry experience that he was able to draw from making him well suited for this role. My name may seem familiar because this is a position I held for several years prior to John. It is nice to be back. I look forward to

new friendships and renewing old ones while we work to try to make our industry better.

I manage about a thousand colonies with my partner Chris Hiemstra. We produce nucs honey and collect pollen. Most of our bees are in Elgin County south of London. Our fall was very nice. We had warm temperatures and little precipitation which was a change from what was a relatively cool summer with regular rain. I have heard the reports that some beekeepers had a normal yield and some were below average. I think it really came down to your location and how much rain you got. Some had too much and some had too little.

There has also been reports of high varroa levels which could lead to high spring losses. It seems it's getting harder to be able to control them. Though not official there are some reports of mites developing resistance to Apivar.

Finally Ontario is looking to hire new Tech Transfer Contractors as we've had at most an unfortunate turnover of four current staff.

The OBA will be looking to hire this winter and see that we get the right people in place for a program that provides so much value to beekeepers for this coming summer.

Manitoba



Osee Podolsky

Warm, unusually warm has been the trend across most of North America thanks to the El Nino. Bees flying in December, wintering building ventilation and refrigeration being put through its paces, and queens that just still haven't gotten the memo it's time to stop laying eggs. Although the warm weather and lack of snow

is a nice change of pace, the beginning of the 2023/2024 winter season will require some special care. Due to the warm weather, it may be wise for operations who had issues with wax moth this season to take extra care and keep a watchful eye on equipment stored as we have not had enough cold weather in most parts of the country to kill wax moth or wax moth larvae, as well as the much heartier and even harder to kill wax moth eggs. The warm weather has also continued to stimulate colonies both indoor and outdoor wintered into

continuing to create brood. This leaves the possibility of mite loads continuing to creep up slowly, along with brood and baby bees being very resource hungry, it may lead to colonies running out of feed stores earlier than expected. Keeping a watchful eye on late winter colony weights and spring mite loads will be a smart management decision. It looks like the El Nino is on course to break up by mid to late January which will be a big help in minimizing these issues, it's still a good idea to pay some extra close attention.

Beekeepers in Manitoba are confident for the most part that their colonies going into winter are of good health. There were some cases of elevated varroa levels later than usual in the fall, but additional treatments were implemented and seemed to have been effective in reducing mite loads in stubborn colonies with late brood. Higher than normal fall feeding also was a trend across Manitoba. This was also associated with the warm weather and late fall colony stimulus.

The Manitoba Beekeepers Association will be hosting its 118th annual Convention and AGM Feb 23-24, we encourage you to attend and see what's all happening in Manitoba.

Belated Merry Christmas and Happy New Year to you all!

Saskatchewan



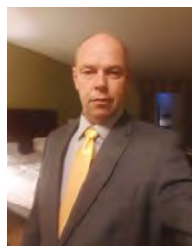
Jake Berg

So far, this winter has been extremely warm on the prairies. This abnormal winter has caused a few reports of brooding that has not stopped in some colonies. This may be cause for concern, in the fact, that varroa mite load may be increasing over the winter when we normally think it would stay fairly constant.

So far, the LMIA paperwork has been processing remarkably well. The new trusted employer pilot program has been working very well with very few complaints and/or hold ups.

I hope to see everyone at BeeTech in Calgary in February. I'm looking forward to the event and hope to see lots of familiar faces.

Alberta



Ron Greidanus

The end of an era

It is with much introspection that I want to announce that I am stepping away from my responsibilities as the CHC delegate for the Alberta Beekeepers Commission. And I have some very good reasons for doing so. First you the reader need to understand why I let my name stand for the position.

1) I truly enjoyed my time as the ABC delegate to CHC. I love the work. I started my busi-



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ness in Stettler back in 1998 and have built it up since then. Along with my business, my family also grew. Unlike my Dad, who used a significant amount of coercion to get me to change careers from Engineering to Beekeeping, I don't intend to do the same to any of my children (I am sitting on the altruistic side of the black hole that is the future). The other side of building a business is ensuring that a healthy regulatory environment exists so that the business can remain sustainable (viable and profitable). In large part my efforts as a CHC delegate were selfishly for my children, should they choose to be a beekeeper.

- 2) I love a good fight. CHC is a political advocacy organization seeking to change federal policy regarding the Canadian beekeeping industry. Nothing in life ever stays the same. What happened yesterday demands a policy change today that might not work tomorrow. I am not one to sit on the sidelines – I want to be out on the field playing my position as best I can.
- 3) I care about my neighbour. Having grown up in a beekeeping family (stay tuned, I intend to write an article about how Greidanus became a significant name in beekeeping in the province of Alberta – ‘He Met a Girl’). A lot of producers in Alberta and across the country don't feel heard on the national level at the CHC table. I let my name stand for the position of CHC representative so that in a small way, I could be the voice for those individuals that did not feel heard.

So the reasons I have not allowed my name to stand a third time for the position:

- 1) My kids are growing up so fast! I feel like I have raised 2 families – the older three girls and the younger four (two sets of twins). I made some mistakes raising my oldest three girls. I don't want to make the same mistakes with the second batch. I was so busy building the business that I feel like “the cats in the cradle with the silver spoon” and my kids done gone grewed up and left. My twins are now 14, and 13 – I want to take them hunting. I want to put the 500 cc Yamaha phasor motor into the Honda odyssey with my daughter. I want to go to the gym with my son... In 5 short years, I could be an empty nester.
- 2) I have looked at what I have done in the past 6 months as a CHC delegate for the ABC. One thing I resolved when I took on the position was to not be a, ‘do nothing’. I occupy the committee chair of stock replacement. In the past year, I have not had a formal stock replacement committee meeting. This is a problem because Canada needs access to a reliable source of replacement stock to remain viable. In the past six

months, I really have not done anything meaningful on this file – I have become complacent dead wood. I need to step aside for a period of time and let someone else with some fresh energy assume these responsibilities.

- 3) In previous articles, I have written, ‘my fire is small and my irons are many’. This is still true. When I started my business, it was just Patti and I and the business, now it is CHC/ABC; Adding onto the house; Kids; other ventures I am involved with; Air Cadets etc. I need to evaluate what is important vs. what isn't. What is urgent, what can wait. We all only get 24 hours each day and in that day each of us must decide how to spend it – the future is a black hole and our choices have consequences. I find myself making choices that are head scratchers. I have books to reconcile and home renovations to finish and I am downstairs building a Unimog out of Lego (That's right, I still like playing with Lego) Why? – I am overwhelmed and tired. I need to step back and take a good hard look at how my 24 hours are going to be best Utilized each day – that means laying down all except the most important an urgent of responsibilities.

So to those who would pick up the torch that I lay down and carry on while I rest;

The number one contentious issue within the Canadian beekeeping industry is the continued prohibition on importing packages from the USA. CHC is hopelessly stuck here and the ‘no's’ have it till there is a majority of ‘yes's’ around the table – this despite a significant number of large producers across the country wanting to access packages from the mainland USA. Paul VanWestendorp said it best when he talks about “Tyranny of the Majority”.

I don't want to paint CHC as dysfunctional. For the most part most decisions made at the CHC table are unanimous. Canadian beekeepers have more in common than they disagree on. If we were a married couple, we could agree on the color of the car, the type of fuel, that we want air conditioning, number of doors, that it is all wheel drive etc. We just can't agree on whether we want a ford or not so we default to a Kia.

I personally think that it is in the industries best interest to re-establish trade in package bees with the USA. With the proper protocols in place, sourcing packages from the USA would be instrumental to ensure the profitability for a north American beekeeping industry for decades to come. It will help to stabilize margin in honey sales and establish sufficient numbers of colonies to provide the needed pollination services to other commodities. Counter intuitively, it is likely to be the path to domestic self-sufficiency.

The challenge at the CHC table is giving voice to those that don't feel heard in industry. Right now, the provincial associations are the members of CHC. If a producer is in a minority situation in their province or not involved with their provincial association, that producer has no voice. Some of those individuals are substantial producers. When the federal government needs input on policy, the federal government talks to CAPA and CHC. If a producer does not have influence in either organization, how can you be heard? Furthermore, each delegate has one vote at the CHC table. No amount of words can change the vote of a delegate – that only happens if you can change the minds of those standing behind the delegate.

The other Challenge facing CHC is the sheer volume of work that needs to be done. Money is always the answer to everything... well not really, but it sure is an essential resource. CHC is mandated with looking after a number of industry concerns: Food safety, marketing honey, Labour, Facilitating the registration of new tools for varroa control, interprovincial movement of hives. It is a lot of work for Rod as Executive director. He needs to be in Ottawa, Calgary, Edmonton, Winnipeg, etc etc etc.

In my mind, an effective CHC would have an executive director and at least two assistants. I would expand the number of CHC delegates to allow for more voices at the boardroom table. At least two pollinator voices, a commer-

cial beekeeper voice and a packer voice. One major task that each board member would be assigned to do is attend other jurisdictions' meetings. Talk to other producers from other regions of Canada. Committees would not be ad hoc, but standing - with specific mandates set by CHC board members and mandatory members.

Those are just some of my ideas.

I am not saying goodbye, merely until later. Until the members of the ABC endow me with the trust of speaking for them again in the future, I would like to say, "it has been an honour serving the Canadian Beekeeping industry."

Alberta



Jeremy Olthof

Convention season is in full swing so one of my goals this winter was to improve the relationship and cooperation with the American beekeeping industry. I attended the American Honey Producers Association convention in San Diego this past month and plan to head to New Orleans, Louisiana for the American Beekeeping Federation (ABF) convention early January.

At the Alberta Beekeepers Commission convention I organized a meeting with a large group of U.S. and Canadian beekeepers, government and industry. It was a great oppor-

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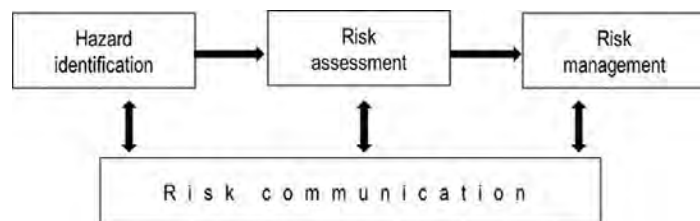
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tunity to start the conversation as a large contingent of U.S. beekeepers made the trip north. Being last minute it was difficult to separate the 2 goals I had for the meeting. One was to discuss possible protocols for US packages from northern California and the second was to work on what is being called a North American Bee Strategy. In the end, the meeting touched on a mix of the 2 goals, but ended up being a good discussion overall. My hope is to start discussions on protocols and mitigating strategies so that once the Canadian Food Inspection Agency (CFIA) finishes its risk assessment we can hit the ground running as an industry. The Canadian Honey Council (CHC) has committed to work with CFIA to examine a regionalized approach for northern California which means once the Risk Assessment is completed the work towards a complete Risk Analysis begins. The process of undertaking a Risk Analysis was not completed after the last two risk assessments at the recommendation of both Canadian Association of Professional Apiculturists (CAPA) and Canadian Honey Council. With CHC's commitment I will be calling on the CAPA import committee to make the same commitment.

This process is clearly laid out in the World Animal Health Organization's Terrestrial Code. Step one is the risk assessment which includes the hazard identification each of which is then given a hazard risk estimate. Risk Management is the process of looking at protocols that can be implemented to



reduce the risk estimates to acceptable levels. The risk communication is the strategy to whom CFIA communicates with during this entire process. In my opinion this was an incredibly narrow group of people during the last two risk assessments. I truly hope that CFIA and APHIS can work more collaboratively this time around and plan a trip to northern California to examine and discuss protocols. A site visit is a policy of CAPA's Importation Committee as well: CAPA's Official HoneyBee Importation Policy for Canada Section 5 as developed by the CAPA Importation Committee states: *"In addition: On site inspection visits by an official Canadian representative is highly desirable and is recommended."* This is not me saying the border must be opened, it is me saying the complete risk analysis as laid out by the World Animal Health Organization, and following the World Trade Organization (WTO) agreement that contains the rules for this

area called the "Agreement on the application of sanitary and phytosanitary measures", usually referred to as the SPS agreement must be done.

In terms of my second goal which in theory should be less divisive was the North American Bee strategy. It was pointed out that it is more of a U.S. Canada strategy which is true at this point I suppose. The idea is to work together on common goals in terms of political lobbying. It is extremely difficult for many to separate the U.S. package issue from the many other issues we can work together on. Following the first meeting, December 1, a lot of ground was covered, but towards the end of the session there was agreement on 3 key pillars:

- 1) Bee Health/protecting bee health/industry health by limiting risk exposure to new pests and disease.
- 2) Pollination
- 3) Adulteration/Assurance/limiting imports.

Another meeting is scheduled for the ABF conference to further this discussion and hopefully a third will be scheduled at Beetech.

Our work continues on the national honey levy. The committee consists of Rod Scarlett, Simon Lalonde, Maggie Lamothe Boudreau, Peter Awram and myself. We met briefly with the National Honey Board to learn of the work being done in the US and our goal is to meet with other commodities here in Canada that have implemented a similar checkoff.

Hope to see everyone at Beetech!

British Columbia



No report available



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Field Trials of a New Acaricidal Compound Against *Varroa destructor* in Honey Bee Colonies

Project Leads:

Dr. Steve Pernal - Agriculture and Agri-Food Canada Steve.Pernal@agr.gc.ca (PI)

Dr. Erika Plettner - Simon Fraser University plettner@sfu.ca (Co-PI)

Project Description:

We have discovered a new acaricide, 1-allyloxy-4-propoxybenzene (codename: 3c{3,6}), with strong acaricidal activity against *Varroa destructor*, having no appreciable toxicity towards bees or vertebrate animals. This compound has been tested extensively in the laboratory and in previous field trials in British Columbia and Alberta, during 2019, 2021 and 2022.

The current year's project was designed to generate additional data towards product registration under field-realistic conditions and to further evaluate release devices and application methods. These trials also allow the collection of wax and honey samples to determine residual levels of 3c{3,6}.

Progress Towards Goals:

In 2023, two parallel experiments were conducted over differing time frames: one in Beaverlodge, AB during the spring, and the other in the lower mainland of BC during the late summer/fall. Aside from temporal differences, both experiments used similar parameters and had the same duration of treatment application (6 weeks) as well as the same amount of 3c{3,6} applied to colonies.

M.Sc. student Robert Lu conducted the experiment

in Alberta, co-supervised by Dr. Steve Pernal and Dr. Olav Rueppell. Assisting Robert were AAFC technicians Abdullah Ibrahim and David Ostermann along with summer students Alison Goeres, Olivia Heelan and Erik Forsberg. Field work in BC was carried out by the lab of Dr. Erika Plettner, with Carolyn Essauance as the principal beekeeper with assistance from Nuria Morfin, Heather Higo, Laura Chapman and Xinyi Feng.

In 2023, we increased the amount of compound 3c{3,6} applied to treated colonies to 10 g, versus 8 g used in 2022. Twenty colonies were used in each test location, which were separated into 2 treatment groups, each with 10 replicate hives:

- A. 3c{3,6} wood applicator – 10 g 3c{3,6} dissolved in isopropanol with 2 g glycerol, administered using three treated wood slats (24.0 cm L × 5.0 W × 0.5 thick) hanging between brood frames.
- B. Control wood applicator - wooden release device identical to the 3c{3,6}-treated applicator, but treated only with solvent and 2 g glycerol.

All 20 experimental colonies per location were placed in the same apiary and were equalized in terms of brood, food stores (pollen and honey) and varroa infestation levels. In Beaverlodge, these were formerly untreated, overwintered hives. In BC, colonies were also untreated, overwintered colonies along with a small number of New Zealand packages. Experimental colonies were managed in single brood

chambers attached to a screened bottom board with a sliding drawer for ease of sticky board installation and replacement. The Beaverlodge experiment started on 11 May 2023 with colonies having an average phoretic mite density of 2.51 ± 0.37 %, while in the Fraser Valley the experiment started on 15 August 2023 with mite loads of 0.63 ± 0.18 %. All treatment applicators were removed after six weeks (experimental Day 42). In Beaverlodge, this was followed by series of a clean-up treatments using 65% formic acid at 5 day intervals, for 7 weeks (22 June – 4 August). In September and October, oxalic acid fumigation was used in Alberta to further reduce mite loads prior to winter, particularly for the untreated colonies. In BC, clean-up treatments consisted of one week with Formic Pro® followed by a six week application of Apivar® strips, the latter beginning on 3 October.

At the start of the experiment (Day 0) we performed an alcohol wash of workers to establish phoretic mite loads on adult bees and examined 100 cells of capped

brood to determine infestations of varroa on pupae and levels of mite reproduction. In addition, we estimated areas of pollen, honey, open and sealed brood and adult bees. After the experimental treatments were removed (Day 42), a second alcohol wash was conducted, and the same set of assays were performed. Before colonies were wintered, cluster sizes were scored from the top and bottom of each colony.

Five rounds of Porapak columns were also placed on the bottom boards of 3c{3,6}-treated colonies and were retrieved throughout the experiment to determine airborne 3c{3,6} vapour concentrations during and following the treatment phase. In addition, samples of honey and wax were drawn from brood chambers and supers to assess any potential 3c{3,6} residue risks.

Data pertaining to the full experiment will be presented in detail within our March 2024 report; results to date indicate high efficacy of both spring and fall treatments of 3c{3,6}. ■



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Update on recent Provincial Association Resolutions - 2023

Resolutions arising from SBDC Convention requiring CHC follow up

Resolution #2

RATIONALE / PURPOSE FOR RESOLUTION:

Whereas import data of honey entering Canada is showing a significant amount of imported honey entering Canada at a lower price than paid to Canadian beekeepers,

And whereas the amount of honey imported into Canada has doubled from 2018 to 2022 to approximately 10,500,000 kilograms,

And whereas the volume of honey being imported from countries which are traditionally suspected of shipping adulterated honey to the North American honey market is increasing

BE IT RESOLVED THAT:

Therefore be it resolved that SBDC lobby CHC to work with CFIA and CBSA to develop protocols, thresholds and regulations for analysis of all imported honey to Canada.

Moved by: Simon Lalonde

Seconded by: Neil Specht

Carried

Resolution #3

RATIONALE / PURPOSE FOR RESOLUTION:

Whereas there is evidence that *Tropilaelaps* mites are moving towards Ukraine,

And whereas introduction of this mite to the Canadian honeybee population would have a significant impact to the Canadian beekeeping industry,

And whereas the number of queen bees imported to Canada from Ukraine is approximately only 3% of total queen bee imports,

BE IT RESOLVED THAT:

Therefore, be it resolved that SBDC ask Canadian Honey Council and CFIA to immediately stop importation of all honeybee packages and queen bees from Ukraine.

Moved by: Lee Genereux

Seconded by: Christopher Warriner

Carried

Resolution #5

RATIONALE / PURPOSE FOR RESOLUTION:

Whereas honey is being reduced to a sweetener or a spread,

BE IT RESOLVED THAT:

Therefore be it resolved that SBDC support research through the CHC to prove honey as a nutraceutical for the biggest return to the industry.

Moved by: Neil Specht

Seconded by: Calvin Parsons

Carried

Resolution #6

RATIONALE / PURPOSE FOR RESOLUTION:

Whereas imports of foreign honey into Canada have greatly increased, and



Microbial Myths

True or False? If microbes don't colonize, they aren't effective.

It's true that some beneficial microbes, such as Lactobacilli in probiotics, are aimed at replenishing native bacteria that colonize (or continue to populate) the gut. However, many bacteria have demonstrated their ability to impart positive effects even though they are transient and do not remain in the digestive tract or the rectum for extended periods.

You may have wondered why probiotics for humans are often recommended daily. This is because beneficial microbes that do not colonize the gut need to be replenished. Even bacteria that do colonize the gut face overwhelming circumstances that often disrupt their natural balance. For example, when honey bees face several environmental stressors such as transportation, dearth,

supplemental feeding, pathogens, parasites, exposure to toxins and antibiotics, these all negatively impact a flourishing microbiome.

When good bacteria are diminished, it leaves holes or gaps for harmful bacteria to move in. Imagine your honey bee's gut is a big neighborhood; we want our society to have plenty of helpful neighbors that shield our community when hard times come. Unfortunately, when environmental stressors come along, some of the helpful neighbors (bacteria) will die or dwindle in numbers until they can no longer take up residence like they used to. When this happens, it leaves a hole or a gap, like a vacant house. That empty space is an opportunity for pathogens to take up residence. This is why it's crucial before, during, and after stressful times like pollination, when your bees face a deluge of stressful circumstances, that their gut's microbiome is fortified with good neighbors (bacteria) to help them get through the tough time ahead.

Whereas Canada could be viewed as transshipping foreign honey

BE IT RESOLVED THAT:

Therefore, be it resolved that CHC present this concern to CFIA to demonstrate clarity that this behavior is trade related and not an antidumping issue.

Moved by: Murray Hannigan

Seconded by: Simon Lalonde

Carried

Resolutions arising from Alberta Beekeeper's Commission requiring CHC follow up

Change the Status of Small Hive Beetle from a Reportable Pest to a Non-Reportable Pest

RATIONALE / PURPOSE FOR RESOLUTION:

Whereas Small Hive Beetle is no longer a reportable pest in both the United States and Australia

Whereas it is well known that Small Hive Beetle does not cause harm in Alberta

Whereas the limited ability of Small Hive Beetle to cause harm in other parts of Canada is well known

BE IT RESOLVED THAT:

Be it resolved that the Alberta Beekeepers Commission request Canadian Honey Council work with Provincial Apiculturists and Chief Provincial Vets to develop a recommendation for the Canadian Food Inspection Agency to change the status of Small Hive Beetle from a reportable pest to a non-reportable pest.

RESOLUTION BACKGROUND INFORMATION:

Survey of Experts' Opinions on the Management of the Small Hive Beetle in Italy <https://ideas.repec.org/a/gam/jsusta/v14y2022i12p7004-d833779.html>

Moved by: Jeremy Olthof

Seconded by: Ron Greidanus

Carried

Gaining a more comprehensive understanding of Canadian Association of Professional Apiculturists role and relationship with the Canadian Commercial Beekeeping Industry and the Canadian Food Inspection Agency

RATIONALE / PURPOSE FOR RESOLUTION:

Whereas CAPA's consultative role with CFIA and lack of transparency is very concerning to commercial beekeepers

Whereas The contribution of knowledge and experience related to commercial beekeeping management practices combined with scientific/academic knowledge would be greatly beneficial in the development of mitigating strategies.

Whereas Requests for increased transparency and cooperation with the beekeeping industry have been rejected by CAPA.

Whereas Transparency and cooperation in the commercial beekeeping industry is a key factor in ensuring its long-term viability

BE IT RESOLVED THAT:

Be it resolved that the Alberta Beekeepers Commission request Canadian Honey Council work with CAPA and report back to Alberta Beekeepers Commission in regard to CAPA's role as a consultative body to clearly define roles and responsibilities, governance and processes used by CAPA to develop recommendations which are provided to CFIA. As well as CAPA's role as a volunteer organization, its impact on commercial beekeeping and work to increase transparency across the commercial beekeeping industry.

Moved by: Jeremy Olthof

Seconded by: Ryan Hicks

Carried

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Establishing a Canadian Honey Promotion and Research Agency

RATIONALE / PURPOSE FOR RESOLUTION:

Whereas Farm Products Council of Canada approached the Canadian Honey Council to discuss establishing a Honey Promotion and Research Agency (PRA)

Whereas A Honey PRA could provide stable funding source for its activities through the collection of levies on both domestic and imported honey, the Agency will help honey producers and packers expand their markets and increase sales.

Whereas Consumers will benefit also from increased access to information on honey and other products which utilize honey, including their quality, medicinal benefits and their nutritional value

BE IT RESOLVED THAT:

Alberta Beekeepers Commission agree to participate in the development of a Canadian Honey Promotion and Research Agency.

RESOLUTION BACKGROUND INFORMATION:

Farm Products Council Canada (FPCC) approached the Canadian Honey Council to discuss establishing a Promotion and Research Agency (PRA). The FPCC works on behalf of the Government of Canada to help ensure all Canadians have affordable and continuous access to the foods they need while maintaining fair market prices for farmers. The Current mission of the FPCC includes facilitating the establishment of PRAs where there is producer support to do so.

The PRA would be funded by a levy placed on both domestic and imported honey

Key to expanding markets and incomes for agricultural producer groups:

- Producers and importers of a farm product collectively support consumer, product and process research and promote marketing and consumer awareness
- A levy can be collected on domestic, export and import sales of the product to provide funds for the PRA's activities.
- Activities can be national, regional or provincial
- PRA funds projects that can be complemented by funds from federal and provincial government programs

In order to establish a PRA every province must participate.

Currently there are two PRAs/producer check off agencies:

Canadian Beef Check off Agency and Canadian Pork Promotion and Research Agency.

There is a third under development within the Hemp industry.

Moved by: Jeremy Olthof

Seconded by: Ron Greidanus

Carried

Return to Battery Box Shipping

RATIONALE / PURPOSE FOR RESOLUTION:

Whereas more than 350,000 queens are imported in Canada every year

Whereas queen importation protocols require cages along with attendants as opposed to previously accepted battery boxes to allow for easier inspection for small hive beetles

Whereas the economic damage caused from small hive beetle in northern climates is well documented and known to be minimal

Whereas sperm viability has been proven to be negatively affected when queens are transported with attendants alone

Whereas Poor queens are consistently listed as a top reason for overwintering loss in CAPA overwintering reports.

Whereas the cost to Queen breeders to manually add attendants results in an increased cost of imported queens

Whereas the queen importation protocol is clearly costing the industry vastly more economic damage than the economic risk it is intended to prevent

Whereas A new battery box design developed by University of Alberta allows for queen inspection without risk to Border Services Inspection staff

BE IT RESOLVED THAT:

Be it resolved that the Alberta Beekeepers Commission request that the Canadian Honey Council request that Canadian Food Inspection Agency reconsider and reexamine the queen importation protocols and return to battery box style shipping.

RESOLUTION BACKGROUND INFORMATION:

Effect of shipping boxes, attendant bees, and temperature on honey bee queen sperm quality (*Apis mellifera*), Andr  e Rousseau,   mile Houle & Pierre Giovenazzo, Apidologie (2020) 51:724-735

Moved by: Jeremy Olthof

Seconded by: Ryan Hicks

Carried

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Press release

Véto-pharma and SFU reach agreement to develop solution to save honey bees against varroa mites.



Photos: Professor Erika Plettner (copyright SFU)

Varroa mites are one of the major threats leading to bee colony losses at a global level. Véto-pharma will support Simon Fraser University (SFU) in the development and registration of a new miticide based on the innovative compound recently discovered and patented by SFU.

Bees are sentinels of our environment and are responsible for the production of around 30% of the world's consumable food. Varroa mites, a deadly parasite that affects honey bees, is the main challenge that beekeepers face to protect their beehives today. Health and survival of honey bees are major issues that have implications for local and global wellbeing.

Understanding this challenge, the announcement that SFU and Véto-pharma have reached an exclusive collaboration agreement to evaluate the effectiveness of a new asset in controlling varroosis is exciting news!

The cooperation between the parties is a significant step forward, and both are optimistic about the potential of the new asset in protecting honeybees and securing their future.

In the beekeeping industry, few companies invest in innovation. However, Véto-pharma, a French veterinary pharmaceutical laboratory with almost 3 decades of experience and knowledge in bee health, is dedicated to offering innovative solutions by investing annually 8-10% of their revenues. Véto-pharma, a world leader in honeybee health, works tirelessly to ensure the future of the beekeeping industry. In addition to product

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Proverbs 16:24

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development, they also actively engage in research and education to raise awareness about the importance of bee health and the threats they face. They collaborate with beekeepers, researchers, and industry experts to share knowledge and develop best practices for bee management. By constantly striving to improve bee health, they aim to safeguard their vital role in pollination and food production.

The limited availability of effective options for varroa control poses a challenge for beekeepers to adapt their strategies for varroa control. Therefore, finding a chemical compound that can effectively eliminate varroa mites without harming bees is a difficult task. Nevertheless, this new chemical compound under development could give beekeepers an edge in the fight against varroa mites.

Véto-pharma is excited to support this promising project and to collaborate with SFU to bring innovation to beekeepers around the world. We are confident that our unique capabilities will be valuable to turn this discovery into a valuable solution to allow beekeepers to fight against varroosis in an efficient manner.

SFU is equally excited for this collaboration and translate leading edge research from the chemistry lab of Professor Erika Plettner to help protect bee-colonies

globally. The discovery of the new acaricide began in the early 2000s when the Plettner group began looking for compounds that could interfere with chemoreception in insects. Insects use chemical signals to communicate with each other, detect their hosts, signal danger, to name a few. Chemoreception is the process by which these signals are detected, an essential process for survival of insects. The team discovered that the acaricide could paralyze and “confuse” the mite *Varroa destructor*. After initial laboratory assays, multiple small-scale field trials were conducted in Canada to demonstrate that the compound could be used to significantly decrease the number of mites in a colony. Treatments currently used are few, and they each have their challenges or limitations. To manage mites in bees more effectively, more options for treatment are required, to implement integrated pest management (IPM) schemes.

SFU personnel are committed to conduct further research to ensure the full potential of this technology is realized. SFU’s Technology Licensing Office (TLO) has supported the commercialization of this technology by protecting the IP and brokering the collaboration with Véto-pharma. The future of the technology, after further industry testing, could result is one of the most useful tools to ensure healthy bee colonies worldwide.

About Véto-pharma

Véto-pharma, a French pharmaceutical laboratory entirely dedicated to honeybee health, has been involved for several years in projects and actions to support beekeeping for several years. Its core business is to develop, produce and distribute products to combat two major colony predators in France and in more than 35 countries worldwide.

Véto-pharma press contact:

Séverine Délot

severine.delot@vetopharma.com - +33 (0)1 69 18 84 87 - +33 (0)6 77 67 17 33

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Fisher Branch (MB)

Interlake Honey Producers

PO Box 328, Fisher Branch, MB R0C 0Z0

Interlake Honey Producers Ltd. has the following positions:

Apiary Technician 5 Positions Available

Required for the 2024 honey season.

Seasonal, full time, days, evenings and some Saturdays. Work is mostly outdoors, so must be able to work under hot conditions. The job starts April 1st – July 1st. End Date: Sept 10th – November 6th.

Wages: \$15.50-\$19.00/hour . Minimum 2 years experience preferred. Performance and/or production bonus may be available.

Duties include but not limited to, feed and care for honey bees, replacement of hives and production of nucs, moving hives, supering hives, detect and report hive health and apply correct disease cures and/or controls, bee yard maintenance, keep field and/or production records, harvest honey, working on extracting line, cleaning extracting equipment and honey house, raise queens, assemble and maintenance of bee equipment, drive and maintain vehicles, other duties as assigned. Work is very physically demanding, with long days and heavy lifting. The job is located 2 hours north of Winnipeg in the RM of Fisher NE 33-23-1W in Fisher Branch, MB. Send resume by mail to Box 328 Fisher Branch, MB R0C 0Z0 or email anita@ifsltd.ca

HelpWanted

Help Wanted: Spiritwood (SK)

Jewitt Honey Farm, Apiary Labourers May 1st – September 30th Responsibilities will include but not limited to; assemble equipment, unwrapping hives, bee yard maintenance, moving hives, cleaning deadouts, cleaning extracting facility, painting, making nucs, supering hives, harvesting honey, extracting honey, feeding bees.

Will be required to work some evenings and weekends, work is physically demanding with heavy lifting, cannot be allergic to bees, a valid SK driver's license would be an asset \$15.00-\$16.50/hr. depending on experience, willing to train, potential to earn bonuses.

Apiary Labourers 2 Full-Time Seasonal Positions for 2024 May 1st – August 30th Responsibilities will include but not limited to; assemble equipment, unwrapping hives, bee yard maintenance, moving hives, cleaning deadouts, cleaning extracting facility, painting, making nucs, supering hives, harvesting honey, extracting honey, feeding bees.

Will be required to work some evenings and weekends, work is physically demanding with heavy lifting, cannot be allergic to bees, a valid SK driver's license would be an asset \$15.00-\$15.50/hr. depending on experience, willing to train, potential to earn bonuses.

Apiary Labourers 2 Full-Time Seasonal Positions for 2024 July 1st – August 30th Responsibilities will include but not limited to; bee yard maintenance, moving hives, cleaning extracting facility, painting, supering hives, harvesting honey, extracting honey, feeding bees. Will be required to work some evenings and weekends, work is physically demanding with heavy lifting, cannot be allergic to bees, a valid SK driver's license would be an asset \$15.00-\$15.50/hr. depending on experience, willing to train, potential to earn bonuses.

To apply email resume to jewithoneyfarm@gmail.com or mail resume to Box 969 Spiritwood, SK S0J 2M0

Help Wanted: Souris (MB)

HARLTON APIARIES has 4 Seasonal positions available for the 2024 Season

4 Apiary Workers (NOC 85100) for March or April to end of October 2024 Wages \$15.30 - \$18.00 per hour depending on experience. 1-2 years experience preferred. Operating a forklift is an asset. A valid driver's license and the ability to speak English is an asset. Duties include assisting with feeding, bee hive maintenance and treatments, moving hives, harvesting and extracting honey, and winter preparation and some building of new hive equipment. Contact Irwin or Joan Harlton, Harlton Apiaries, Box 644 Souris (MB) R0K 2C0 204-483-2382. Or email: harltonapiaries@mymts.net

Help Wanted: Rocanville (SK)

JOBS FOR SUMMER 2024 - B. Strong Apiaries Ltd.

APIARY TECHNICIAN (7 months)

6 seasonal positions available from March 21 - October 21 (2024).

Reporting to work at B. Strong Apiaries Ltd. 1 mile southwest of Rocanville, Sk. (NE 17-16-31 W1) Wages dependent on experience (\$17.00 - \$22.00) Possible production bonus at end of the season.

Duties include but are not limited to: Unwrapping/wrapping hives, colony manipulation, application of honeybee treatments, making nucs, supering, maintaining equipment and a clean shop, pulling and extraction of honey, moving and feeding hives, keeping accurate and up to date yard records, etc.

Requirements: -Minimum of 2 years beekeeping experience. -Must not be allergic to honeybee stings.

-The work is physically demanding, applicants must be in strong and active physical condition to maintain the safe work environment. -Required long hours and occasional weekend/holiday work (minimum 40hours a week). -Must work well with others, and able to work long hours in the heat. -Ability to speak English is an asset but not a requirement.

APIARY WORKER (6 months)

4 seasonal positions available from April 21 - October 21 (2024).

Reporting to work at B. Strong Apiaries Ltd. 1 mile southwest of Rocanville, Sk. (NE 17-16-31 W1) Wages dependent on experience (\$16.00 - \$20.00) Possible production bonus at end of the season.

Duties include but are not limited to: Assisting apiary technicians in the unwrapping/wrapping of hives, colony manipulation, application of honey bee treatments, making nucs, supering, maintaining equipment and a clean shop, pulling and extraction of honey, moving and feeding hives, safely securing truckloads of honey/equipment, etc.

Requirements: -Must not be allergic to honeybee stings. -The work is physically demanding, applicants must be in strong and active physical condition to maintain the safe work environment. -Required long hours and occasional weekend/holiday work (minimum 40hours a week). -Must work well with others, and able to work long hours in the heat. -Ability to speak English is an asset but not a requirement.

APIARY WORKER (3 months)

6 seasonal positions available from July 3rd - September 15 (2024).

Reporting to work at B. Strong Apiaries Ltd. 1 mile southwest of Rocanville, Sk. (NE 17-16-31 W1)

Wages dependent on experience (\$16.00 - \$20.00) Possible production bonus at end of the season.

Duties include but are not limited to: Cleaning warehouse at start of season. Daily upkeep and maintenance of extracting area/honey house, extraction of honey, cleanup after extraction season, painting of honey supers, painting and other general upkeep of the honeyhouse, etc.

Requirements: -Must not be allergic to honeybee stings. -Required long hours and occasional weekend/holiday work (minimum 40hours a week).

-Must work well with others, and able to work long hours in the heat. -Ability to speak English is an asset but not a requirement.

Contact Lance Strong: bstrongapiaries@outlook.com, fax resume to (306)645-4591

Help Wanted: Nipawin, (SK)

Yves Garex Honey Inc, P.O Box 2016, Nipawin, SK, S0E 1E0 seeks employees for the March 2024 to October 2024 season at facilities located 10 km North-East of Nipawin, Saskatchewan.

Good work ethics, health and stamina essential, for hard work, heavy lifting, long days including some weekends. Those allergic to bee stings and work need not apply.

-3 Apiary Supervisors (NOC 8252) with 5 years experience in handling bee hives including unpacking and packing, checking, feeding, medicating, cleaning, moving, splitting, supering, raising queens, as well as harvesting and extracting honey. Wages \$ 20.00 to \$ 25.00 per hour, depending on experience.

-8 Apiary Technicians (NOC 8431) with 2 years experience working with bees. Wages \$ 17.00 to \$ 20.00 per hour.

-4 Apiary Workers (NOC 8431) No experience required. We will train successful applicants in Honeybees and Hive manipulation. Wage start at \$ 15.00 per hour.

email: yves@garezhoney.com Contact: YVES GAREZ. Phone: 3068627700

Help Wanted: Tees (AB)

TEES BEES INC. (Alberta), requires:

Three APIARY TECHNICIANS (NOC 8431) with a minimum of 2-3 years (seasons) experience working on a Canadian style commercial apiary in the min. capacity of Apiary Worker or General Farm Worker with employment March thru October 2024 (\$15.65-\$19/hr depending on exp. with possible bonus) (40+ hrs/wk); Duties include: caring for honeybee colonies in the appropriate manner; coordinating the production of replacement bees and equipment; recognizing, reporting, monitoring hive health issues and applying appropriate treatment/controls; harvest and fill honey barrels and containers; supervise small teams of workers; driving and daily maintenance of vehicles; operate and maintain other apiary equipment; conduct bee yard maintenance; keep some field production records. A motor vehicle operator's licence with no serious infractions, recognized by the Province of Alberta and major insurance companies is required. Nine APIARY WORKERS (NOC 8431) with a minimum of 1 year (season) experience and with employment March thru October 2024 (\$15.65-\$17/hr depending on exp. with possible bonus) (40+ hrs/wk); Duties include caring for honeybee colonies in the appropriate manner; assisting Technicians with bees and equipment; assisting with harvesting honey; assisting with the bee yard and equipment maintenance.

All wages are negotiable based on experience and productivity. Applicants must be able to work in the presence of honey bees. All positions may require some evening, night & weekend work. All applicants must be in good physical condition and able to work in a team environment. Ability to speak English is an asset.

Contact Jeremy Olthof at 23318-Hwy 50, Tees, AB; mail to RR1, Tees, AB T0C 2N0; or email at teesbeesinc@gmail.com.

Help Wanted: Argyle (MB)

Grysiuk Apiary Inc. requires 9 full time seasonal apiarists in Argyle, MB. wages are \$16.00 - \$18.00 per hour depending on experience (possible bonus) Job is physically demanding, must help with

► pag. 30

wrapping, feeding, making nucs, supering, pulling honey, honey extraction, medicating hives and winter preparation. Start date is March 1, 2024 - November 15, 2024. Please apply by email: acgrysiuk@shaw.ca mail: Contact, Calvin, 83 Acheson Dr., Winnipeg, MB. R2Y 2E8. Phone: 204-831-7838

Help Wanted: Granum (AB)

SUPERNUC APIARIES located near Granum, AB (251032 TWP RD 104) has the following positions for the 2024 season.

APIARY TECHNICIAN (NOC 8431) 1 position; wage starting at \$16.52 - \$22.00/hr

APIARY WORKERS (NOC 8431) 2 positions: starting at \$16.52 - \$20.00/hr,

Needed full time (45+ hrs/wk) from Mar 1, 2024 through October 31, 2024. Apiary technicians must have a minimum of 3 seasons of full-time experience in a Canadian commercial apiary and have the ability to supervise/train staff, have knowledge in commercial hive management for pollination, honey production and queen-rearing and the ability to assess hive health and care for them in the appropriate manner. Apiary workers must have a minimum of 1 season full time experience in a Canadian commercial apiary. Duties include assisting technicians with beehive maintenance and treatments, building and repairing bee equipment, moving hives, harvesting and extracting honey, and winter preparation. Some evening, night and weekend work will be required. Accommodations are available. A valid driver's license and the ability to speak English is an asset. Must be physically fit and accustomed to working with honeybees. No educational requirements. All wages are negotiable based on experience and productivity. Bonuses may be available. Email resumes to aovinge@gmail.com or mail to Box 133, Granum, AB T0L 1A0.

Help Wanted: Ardmore (AB)

T'N'T Apiaries require:

An Apiary Foreperson (NOC 82030) for full time (40+ hrs/wk) year round employment (\$20.00-\$25/hr depending on experience. Bonus possible). Applicant must have a minimum of 5 years (seasons) full time in a Canadian style commercial apiary environment with a minimum of 3 years (seasons) working as an Apiary Technician.

Duties include:

- Caring for honeybee colonies in the appropriate manner
- Coordinating the production of replacement bees & equipment.
- Recognizing, reporting, monitoring and controlling hive health issues.
- Harvest & package honey, pollen & beeswax.
- Supervise & train workers.
- Drive (including std transmission & medium duty trucks) & daily maintenance of vehicles.
- Operate & maintain other apiary equipment (including forklifts, chainsaws & pumps)
- Conduct bee yard maintenance.
- Keep field and/or production records.
- Interact with external farm personnel.

5 APIARY TECHNICIANS (NOC 84120) for full time (40+ hrs/wk) employment (\$17.00-\$22/hr depending on experience. Bonuses possible). February thru November 2024. 1-2 Positions may become year round. Must have a minimum of 2 years (seasons) working full time on a Canadian style commercial apiary in the min. capacity of Apiary Assistant or General Farm Worker.

Duties include:

- Caring for honeybee colonies in the appropriate manner.
- Coordinating the production of replacement bees and equipment.
- Recognizing, reporting, monitoring hive health issues and applying appropriate treatment/controls.
- Harvest and package honey, pollen and beeswax.
- Supervise small teams of workers.
- Drive (including std transmission and medium duty trucks) and daily maintain vehicles.
- Operate and maintain other apiary equipment (including forklifts, chainsaws and pumps).
- Conduct bee yard maintenance.
- Keep some field and/or production records.

6 APIARY WORKERS (NOC 85100) for full time (40+ hrs/wk) employment (\$16.55-\$19.00/hr. depending on experience. Bonuses Possible) February thru November 2024. Applicants must be able to work in the presence of honey bees.

Duties include:

- Caring for honeybee colonies in the appropriate manner
- Assisting Technicians with bees and equipment.
- Assisting with harvesting honey, pollen and beeswax.
- Assisting with the bee yard and equipment maintenance.

All positions may require some evening, night and weekend work. All applicants must be in good physical condition and able to work in a team environment. Preference will be given to those Technicians and Worker applicants holding a motor vehicle Operator's license with no serious infractions, recognized by the Province of Alberta and major insurance companies.

Contact Dave Tharle, 44116 - Hwy 659, Ardmore, AB or Box 80, Ardmore, AB. (Fax 780-826-6013) Email: tntapi@mcsnet.ca

Help Wanted: Roblin (MB)

Positions available for 2024. 3012352 Manitoba Ltd. o/a Wendell Honey Box 1439, Roblin, MB R0L 1P0

Reporting to work at Wendell Honey, one-mile East of MacNutt, Saskatchewan.

Transportation provided from there to various bee yards.

18 Full Time Positions available at Wendell Honey in 2024

• APIARIST TECHNICIAN (NOC 84120)

- help with Spring check, hive assessment and manipulation.
- help with pest and disease control.
- help with grafting, making nucs, and raising queens.
- assemble equipment.
- help super hives.
- help harvest honey.
- help keep field production records.
- help maintain bee yards.
- help with Fall feeding, assessment and treatments.
- help to wrap bees.

- team lead/supervise as required
- other duties as assigned

- Positions available from April 8, 2024 to mid-October 2024
- Min. 2 years of experience working with bees necessary.
- Work is physically demanding.
- Wages \$17.00 - \$28.00 per hour depending on experience

perience

- Possible production bonus.

Email Ashley Chamberlain at jobswendellhoney@gmail.com or or phone 204-564-2599.

15 Full Time Positions available at Wendell Honey 2024

• Apiary Worker (NOC 85100) to

- assemble equipment.
- help super hives.
- help harvest honey.
- help maintain bee yards.
- help with Fall feeding.
- help to wrap bees.

• Positions available from May 15, 2024 to mid-September 2024

• No experience required.

• Work is physically demanding.

• Wages \$15.00 - \$20.00 per hour depending on experience

• Possible production bonus.

Email Ashley Chamberlain at jobswendellhoney@gmail.com or phone 204-564-2599.

Help Wanted: Kinistino (SK)

Apiary Harvest Labourers, B's Bee Ranch Inc. - Kinistino (SK)

Two Apiary Harvest Labourer positions available for up to 8 months (starting no earlier than March) required for the 2024 season. Labourers perform (but are not limited to) tasks such as assisting with supering hives, harvesting honey, cleaning honey extraction and storage equipment; barrel filling and moving; repair, assemble and maintain hive equipment and bee equipment; bee yard maintenance.

Availability to work long hours, evenings/nights, holidays and weekends is required. Work is faced paced and physically demanding with heavy lifting. Must be able to work in all weather conditions. Knowledge of the industry, a valid driver's licence and English-speaking skills an asset but not mandatory. Wage starts at \$14.00/hr with subsidized housing option and transportation. Potential for bonuses based on performance, attitude and character. Interested applicants can email a resume and cover letter with references to B's Bee Ranch Inc at beeranch@sasktel.net

Help Wanted: B's Bee Ranch Inc. - Kinistino (SK)

Apiary Workers: Two Apiary Harvest worker positions available for up to 9 months (Feb to November) required for the 2024 season. Apiary Workers perform (but are not limited to) tasks such as supering hives, harvesting honey, cleaning honey extraction and storage equipment; barrel filling and moving; repair, assemble and maintain hive equipment and bee equipment; bee yard maintenance; assist with colony manipulation; assist with colony treatments; assist with moving colonies; assist with feeding colonies. Availability to work long hours, evenings/nights, holidays and weekends is required. Work is faced paced and physically demanding with heavy lifting. Must be able to work in all weather conditions. Canadian beekeeping industry knowledge, 12 months experience in Canada, valid driver's licence and English skills required. Wage starts at \$15.00/hr - \$18.00/hr (depending on years of Canadian experience) with subsidized housing option and transportation. Potential for bonuses based on performance, attitude and character. Interested applicants can email a resume and cover letter with references to B's Bee Ranch Inc at beeranch@sasktel.net

Help Wanted: Kinistino (SK)

Apiary Harvest Labourers. Baconian Bee Farm Ltd., located at 102 Ruttle Avenue in Kinistino, Sk., is seeking up to two full-time employees to fill the seasonal positions of Apiary Harvest Labourer for the 2024 crop year. The position consists of work with honeybees. Duties primarily include, but are not limited to assisting with, moving colonies out of and into the wintering facility, feeding and medicating colonies, evaluation and development of colony strength, building and repairing of equipment, harvesting of honey supers, extracting and storing honey, and colony location maintenance.

The successful applicants need no experience to fill these positions, must be able to work outdoors in variable weather conditions, work well with other employees, work in a fast paced and physically demanding environment, and be able to work evenings and weekends when it is deemed necessary. The average work day is 6-12 hours or roughly 30-60 hours per week. Wage shall begin at \$14.00/hour.

Subsidized housing is available. Potential to earn bonuses based on production and performance. The position is for a term of approximately 7 to 8 months beginning no earlier than March 15, 2024 and ending no later than November 15, 2024. No experience required to fill these positions.

To apply for this position, e-mail resume to dione-bacon13@sasktel.net

Help Wanted: Kinistino (SK)

Apiary Harvest Workers/Technicians. Baconian Bee Farm Ltd., located at 102 Ruttle Avenue in Kinistino, Sk., is seeking up to two full-time employees to fill the seasonal positions of Apiary Worker for the 2024 crop year. The position consists of work with honeybees. Duties primarily include, but are not limited to assisting with, moving colonies out of and into the wintering facility, feeding and medicating colonies, evaluation and development of colony strength, building and repairing of equipment, harvesting of honey supers, extracting and storing honey, and colony location maintenance.

The successful applicants must have a minimum of two years' experience in the industry, be able to work outdoors, work well with other employees, work in a fast paced and physically demanding environment, and be able to work evenings and weekends when it is deemed necessary. The average work day is 6-12 hours or roughly 30-60 hours per week. Wages shall begin at \$15.00/hour up to \$18.00/hour depending on years of experience in the beekeeping industry. Subsidized housing is available. Potential to earn bonuses based on production and performance. The position is for a term of approximately 7 to 8 months beginning no earlier than March 15, 2024 and ending no later than November 15, 2024. To apply for this position, e-mail resume to dione-bacon13@sasktel.net

Help Wanted: Kinistino (SK)

Apiary Harvest Labourer: Position 1

Bacon Apiaries Ltd, located at 102 Ruttle Avenue in Kinistino, Sk., requires six honey harvest labourers for the upcoming 2024 crop season for extracting honey. Job duties include transporting full supers to extracting room, using an automatic lift to place full honey supers on a conveyor, running honey frames through an uncapper, moving frames into an extractor, removing empty frames from the extractor and putting them into supers, stacking supers away, assembling new honey equipment and repairing existing honey equipment.

The average work day is 6-12 hours or roughly 30-60 hours per week with wages starting at 14.00/hr to \$17.00/hr depending on experience. Subsidized housing is available. Potential to earn bonuses based on production and performance. The employment term is from July 2nd, 2024 to September 25th, 2024.

To apply for this position, e-mail resume to dione-bacon13@sasktel.net

Help Wanted: Kinistino (SK)

Apiary Harvest Labourer: Position 2

Bacon Apiaries Ltd., located at 102 Ruttle Avenue in Kinistino, Sk., is seeking up to two full-time employees to fill the seasonal positions of Apiary Harvest Labourer for the 2024 crop year. The position consists of work with honeybees. Duties primarily include, but are not limited to assisting with, moving colonies out of and into the wintering facility, feeding and medicating colonies, evaluation and development of colony strength, building and repairing of equipment, harvesting of honey supers, extracting and storing honey, and colony location maintenance.

The successful applicants need no experience to fill these positions, must be able to work outdoors in variable weather conditions, work well with other employees, work in a fast paced and physically demanding environment, and be able to work evenings and weekends when it is deemed necessary. The average work day is 6-12 hours or roughly 30-60 hours per week. Wage shall begin at \$14.00. Subsidized housing is available. Potential to earn bonuses based on production and performance. The position is for a term of approximately 7 to 8 months beginning no earlier than March 15th, 2024 and ending no later than November 15th, 2024. No experience required to fill these positions.

To apply for this position, e-mail resume to dione-bacon13@sasktel.net

Help Wanted: East of Saskatoon (SK)

Meadow Ridge Ent Ltd East of Saskatoon, Sk.

Contact Albert J Robertson Phone: 3063739140

Meadow Ridge Enterprises Ltd requires help for the 2024 beekeeping season. The contract term is from April 15th to October 31st 2024.

Meadow Ridge Ent Ltd is a commercial beekeeping and queen-rearing operation located 10 miles east of Saskatoon, NW 33 TP 36 RG 3 W 3rd in the RM of Blucher.

Apiary Technicians (NOC 8431): Minimum 1-2 years of beekeeping experience required.

Wage \$15.00 - \$17.00 depending on experience. Potential to earn bonuses.

3 positions to fill. Seasonal full-time(40 hr+/wk).

Duties include spring/fall feeding, unwrapping/wrapping hives, monitoring hive health, assisting in all aspects of queen rearing, and commercial honey harvesting. Fixing and building bee equipment, upkeep of bee sites, and maintenance of work vehicles. Apiary Supervisors (NOC 8252): Minimum 3-4 years of beekeeping experience.

Wage \$18.00 - \$21.00 depending on experience. Potential to earn bonuses.

2 positions to fill. Seasonal full-time (40 hr+/wk).

Duties include spring/fall feeding, unwrapping/wrapping hives, moving hives, monitoring hive health, assisting in all aspects of queen rearing, and commercial honey harvesting/extraction. Keeping daily records, supervising other employees, fixing and building bee equipment, upkeep of bee sites, and maintenance of work

vehicles. A valid Driver's license is required.

All applicants must be able to work with honeybees and not be allergic to bee stings. Will work in all kinds of weather, a repetitive and physical job that will require heavy lifting, reaching, crouching, and standing. Being in good physical condition is required.

Please apply by email to a.j.robertson@sasktel.net

Help Wanted: Langenburg and Esterhazy (SK)

Job Openings For Glory Bee Honey Farms (101034244 SK LTD) - 2024

Located in Langenburg and Esterhazy, SK Glory Bee Honey has job openings for Apiary Technicians, Apiary Technician Assistants These positions are available for fulltime (35+hrs/week) from April-October for the 2024 season. Also available is Honey Harvest labourer/General farm worker positions which is 2-3 months starting July-Sept for 2024.

10 Apiary Technicians (6-8 month position)

2-3 yrs experience necessary to apply.

Jobs include:

- Help with spring check, do hive assessment and manipulation.
- Help with pest and disease control. Help with grafting, building and looking after nucs
- Help queens raise Help with harvest. Help to apply medication and treatments. *Lifting is required

Wages- \$20.00-\$27.00/hr depending on experience
20 Apiary Technician Assistants (6 month position)

Jobs Include:

- Help apiary technicians
- Assemble equipment
- Help super hives. Help harvest honey. Help keep field production records
- Help maintain bee yards Help with fall feeding, assessment and treatments.
- Help to wrap bees. *Lifting is required

Wages \$15.00-\$20.00 depending on experience

10 Honey Harvest Labourers (2-3 month position)

- To help with harvest and extraction of honey
- Work in the bee yards pulling honey
- Work in the extraction plant Clean honey harvest equipment
- No experience necessary will train on the job

*Lifting is required

Wages starting at \$15.00-19.00/hr depending on experience

Positions available from April 15, 2024 to October 31st, 2024.

Applicants must be physically and mentally fit to work outdoors and with bees.

To apply please email resume and references to: glorybeehoneyfarms@gmail.com for more information.

Help Wanted: Falkland (BC)

General Farm Worker -Apiary

Honey Onyx Apiary Inc.

Main Job Location: 3265 97 Highway, Falkland, British Columbia V0E 1W1 Canada

With beehives in Falkland, Kamloops, Westwood, Lake Country areas and Dawson Creek.

Salary: \$16.75 Hourly (Current Minimum for BC)

Job Type: Full-Time with 45 hours/week- Seasonal/temporary

(50 hours/week In May-June and August)

Worker starts: March 5, 2024 until November 5, 2024

Vacation: 4% in lieu of paid vacation days

Language: English or Spanish

Minimum Education: None

Positions Available: 4

Other benefits: Housing is provided by employer
JOB DUTIES. The following duties will be performed in this position:

- Frames and beehives assembly
- Cleaning and maintenance of the working areas (including the bee yard)
- Nucs reception and insertion in brood boxes
- Queens reception and introduction to nucs
- Nucs/Beehives feeding
- Add suppers on crop season
- Suppers loading and downloading
- Beehives movement
- Honey Crop
- Honey Extraction
- Frames cleaning/melting
- Wax melting
- Beehives Sanitary Treatments
- Winter preparation

REQUIREMENTS.

The successful applicant will possess, at a minimum, the following skills and experience:

Proven beehives and honey extraction experience (from 7 months to less than 1 year on apiary type of farm, letter of experience must be provided)

Driving license

Criminal record check will be administered

We would like to thank you for your interest in this position. However, only those selected for an interview will be contacted.

How to Apply

Contact: Please send your Cover Letter and Resume to attention of Daniela

Email: honeyonyxapiary@gmail.com

Help Wanted: Aylsham (SK)

Apiary Workers

Valleau Apiaries Ltd @ Aylsham, Sk requires Apiary Workers for 2024

6 Apiary Technicians (at least two years beekeeping experience) April to October. Duties to include preparing bees for honey production, harvesting and extracting honey, preparing bees for winter and any related duties. Wages starting at \$16.00 based on experience.

2 Apiary Workers (at least one year beekeeping experience) April to October. Duties to include preparing bees for honey production, harvesting and extracting honey, preparing bees for winter and any related duties. Wages starting at \$15.00 based on experience.

2 Apiary Workers (no experience) July to September. Duties to include harvesting and extracting honey, preparing bees for winter and any related duties. On the job training provided. Wages starting at \$14.00. Manual labour, heavy lifting. Some evenings and weekends required.

Located in a rural area @ NW33-48-12-W2.

Please do not apply if you have an allergy to bee stings.

Contact Dan Valleau. Phone: 306-862-4094 Mail resumes to Valleau Apiaries Ltd @ Box 7, Aylsham, Sk S0E 0C0 or email to valleau.apiaries@sasktel.net

Help Wanted: Prince (SK)

Farmer Brown's Honey is hiring for the 2024 season.

3 - Apiary Technicians/Workers - Minimum of 1-2 full seasons of apiary experience required.

Wage: \$14.00 - \$16.00 per hour depending upon experience.

Job includes: wrapping/unwrapping hives; spring

and fall maintenance, feeding hives, creating nucleus colonies, queen-rearing, supering hives, adding and removing honeys supers (80+lbs) and carrying and stacking on the truck deck; extracting honey; moving hives; maintain bee yards and any other assorted apiary jobs that are required.

2 – Farm labourers: Students and others welcome. Wages: \$14 – 15.00 per hour. (Employment period - July 15th – August 30th) This job Includes: harvesting (supering hives, pulling honeys supers (up to 80+lbs) and carrying and stacking on the truck deck) and extracting honey. Successful candidates may be required to assist in other apiary/farm tasks. Requirements: No formal education required but at least a Grade 10 education would be an asset. Have valid driver's licence; have a vehicle to get back and forth to work. Experience driving a standard truck is an asset; to be in good physical condition and to be able to work in a team environment.

Please do not apply if you are allergic to bees!

Employment Details: Seasonal and full-time – Minimum of 35 hours per week.

Training is provided on a ongoing basis. Most tasks are performed outdoors in all kinds of weather, work is repetitive and physically demanding.

Work location: SW 14-46-17 W3, #3 Prince School Rd, Hamlet of Prince.

The bee yards are located in the RM's of Meota, North Battleford, Turtle River, Round Hill, and Douglas.

Contact Cameron Brown. Phone: 306-386-7953

Mail or deliver your resume with references to:

Farmer Brown's Honey, Site 4 Box 54 RR#3, North Battleford, SK S9A 2X4 or email to: farmerbrown-shoney@gmail.com

Help Wanted: Bluffton (AB)

DEWAR APIARIES LTD. located near BLUFFTON, AB has the following positions available for the 2024 season:

2 APIARY TECHNICIANS(NOC 84120) with a minimum of 5 years experience.

Employment from March through November 2024.

Wage starting at \$16.52 to

\$22 (depending on exp.), 40 + hrs/week. Duties will include: caring for honeybee colonies, detection and treatment of bee diseases, assisting with harvesting honey, assisting with the bee yard and equipment maintenance.

10 APIARY WORKERS (NOC 85100) experience is an asset but will be trained. Employment from for April through October 2024. Wage starting at \$16.52 per/hour, 40 + hrs/week. Duties will include: Supering and harvesting honey, cleaning honey extraction and storage equipment, barrel moving prep, filling and storage, manufacture and assemble and maintain hive equipment, and bee yard maintenance.

Housing is available. Applicants must not be allergic to honey bees. All positions may require some evening, night & weekend work. All applicants must be in good physical condition and able to work in a team environment. Ability to speak English is an asset. Contact Mark Dewar

Help Wanted: Fort Macleod (AB)

POELMAN APIARIES LTD. located near Fort Macleod, AB (102007A Range Rd

254) has the following positions available for the 2024 season:

15 APIARY TECHNICIANS(NOC 84120) with a minimum of 3 years experience in a Canadian commercial beekeeping operation. Employment needed

from March through November 2024; wage starting at \$16.52- \$20.00(depending on exp. with a possible bonus) (40 + hrs/week). Main duties will include: caring for honeybee colonies in the appropriate manner; disease detection and treatment; harvesting honey; bee yard and equipment maintenance;and any other beekeeping duties.

15 Apiary Workers (NOC 85100) experience is an asset but will be trained. Employment needed for March through November 2024; wage starting at \$16.52 per/hour (with possible bonus) (40 + hrs/week). Major duties will include: Supering and harvesting honey, cleaning honey extraction and storage equipment, barrel moving prep, filling and storage, manufacture and assemble and maintain hive equipment, and bee yard maintenance and assisting technicians where needed. All wages are negotiable based on experience and productivity. Housing is available.

Applicants must be able to work in the presence of honey bees. All positions may require some evening, night & weekend work. All applicants must be in good physical condition and able to work in a team environment. Ability to speak English is an asset.

Email resumes to pollenpal@gmail.com attention Poelman Apiaries Ltd or mail to Box 1887 Fort Macleod, AB T0L 0Z0.

Help Wanted:

Apiary Worker

Contact Chris Boyse, Phone: 403-479-7033

Salary: \$17.44 / Hour for 35 to 60 Hours / Week

Vacancies: 2. Terms of employment: Seasonal, Full time. Start date:

2024-03-31

Job requirements: Languages – English. Education - No degree, certificate or diploma Experience - Experience an asset Work Conditions and Physical Capabilities:

Repetitive tasks, Combination of sitting, standing, walking, Standing for extended periods, Walking, Bending, crouching, kneeling. Work Location Information - Rural area. Work Site Environment - Outdoors, Hot Personal Suitability - Organized, Flexibility, Effective interpersonal skills, Team player Apiary and Honey Harvesting Specific Skills - Detection and treatment of bee diseases, Honey farm, Honey bees, Harvesting honey

Help Wanted: MacGregor (MB)

12 SEASONAL BEEKEEPERS (applications open to permanent residents or citizens of Canada only)

7 APIARY TECHNICIANS (\$16.50-\$18.00/hr),

6 APIARY WORKERS (\$15.50-\$16.50). Expected employment duration is March

15/24 to Nov 15/24. Start/end dates are flexible due to the nature of the business. Valid drivers license an asset, previous work experience is necessary, technician min. 3 years, and work exp. is highly recommended for apiary worker. Candidates must be willing to work flexible hours in a fast paced, repetitive, and physically demanding environment. Duties include: assess/feed/medicate honeybee colonies, remove/extract honey, split/balance/move colonies, clean/collect pollen, build/repair hive equipment, and perform routine/light maintenance on machinery/vehicles. TO APPLY, Nichol Honey Farm Ltd., Box 461, MacGregor, Mb., R0H0R0, phone 204-252-2770, or email: nicholhoney@yahoo.ca

For additional "Help Wanted" go to: www.honey-council.ca and go to "Classified"

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 Moeller, F. E. 1978. Nosema Disease—Its Control in Honey Bee Colonies.
 U.S. Department of Agriculture Technical Bulletin No 1569.



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The Canadian Honey Council is the national association of beekeepers representing apiculturists across Canada. The CHC provides a forum where producers, packers, professionals, provincial associations and officials from different levels of government can talk and recommend action in the best interests of the Canadian honey bee industry. Currently, the CHC membership consists of representatives of provincial associations with the total number of beekeepers at approximately 13,000 managing over 810,000 colonies.