



February 2019 | Vol 32 # 1



# Hive Rights

[www.honeycouncil.ca](http://www.honeycouncil.ca)

The Official Magazine of the Canadian Honey Council, The Canadian Beekeeper and The Canadian Honey Packer

**On the Road to Apimondia Montréal 2019!**

**An Update On Nutrition And List Of Ingredient Changes Affecting Food Labels**

**CAPA Outstanding Service Award 2018**

**Bee Health and Blueberry Pollination**



\$4.95



Check out our website! ([www.dadant.com](http://www.dadant.com)) Canadian customers can now order online with all duties, fees, taxes and UPS shipping totaled at order time. No surprises at the border with additional unexpected charges to get your items. We make it easy to place your order and receive your products.

*Quality that can't be beat anywhere in the industry*

**AP23<sup>®</sup>**  
Artificial Pollen 23  
**WINTER PATTIES**  
WITH **HONEY-B-HEALTHY**  
M001604PHW  
1 CTN - 40 PATTIES

Ask about  
Quantity Pricing!

**AP23<sup>®</sup>**  
POLLEN SUPPLEMENT

M001604PH AP23  
40 LB BOX

M0016040 AP23  
40 LB BAG

Premium  
Smokers



Apiguard for  
Varroa Mite  
Control

M01480



Assembled  
Starter Kit  
C52201P



A Complete Line of Containers



Tools

M00010

New 2015  
Edition of  
The Hive and  
the Honey Bee

Full Line of Honey  
House Equipment

Little Wonder  
Hand-Extractor Kits  
M00396KIT - Hand  
M00403KIT - Power

A complete line of  
quality woodenware  
& foundations

Many styles from  
which to choose

Economy  
Vent Suit  
V01260(size)  
Suit



**WWW.DADANT.COM**

51 S. SECOND STREET, HAMILTON IL 62341 • PHONE (217) 847-3324 • FAX (217) 847-3660 • TOLL FREE 1-888-922-1293  
• CHICO, CA (877) 332-3268 • FRESNO, CA (877) 432-3268 • PARIS, TX (877) 632-3268 • SIOUX CITY, IA (877) 732-3268 •  
• WATERTOWN, WI (877) 232-3268 • ALBION, MI (877) 932-3268 • WAVERLY, NY (877) 532-3268 •  
• CHATHAM, VA (800) 220-8325 • FRANKFORT, KY (888) 932-3268 • HIGH SPRINGS, FL (877) 832-3268 •

Hivelights: The official magazine of the Canadian Honey Council, The Canadian Beekeeper and The Canadian Honey Packer.

The Canadian Honey Council (CHC) is the national organization of the Canadian beekeeping industry and Hivelights is the industry's magazine.

In order to receive Hivelights you must be a current member of your provincial association. Non members such as Hobby Beekeepers, Honey Packers, Urban Beekeepers or Canadians with interests in Beekeeping can subscribe to the magazine for a \$25.00 subscription fee per year.

International and U. S. subscribers can receive our high quality magazine for a fee of \$50 Canadian per year.

Schools, libraries, non beekeepers, university or government personnel can receive Hivelights magazine through special membership as "Friends of Canadian Apiculture" at no charge. Please contact the Hivelights office for more information: [geoff@honeycouncil.ca](mailto:geoff@honeycouncil.ca)

Hivelights is published quarterly (Feb, May, Aug, Nov). Deadline for submissions and adverts are 6 weeks prior to publication (i.e. Dec 15th for Feb issue). The opinions expressed in the articles printed in Hivelights are those of the authors and do not imply endorsement of the Canadian Honey Council for the promotion of any product, goods or services mentioned unless specifically stated.

Advertising rates as are follows:

	Black & White	Full Colour
1/8 page	\$100.00	\$150.00
1/6 page	\$125.00	\$185.00
1/4 page	\$195.00	\$300.00
1/2 page	\$360.00	\$500.00
Full Page	\$700.00	\$900.00
Business Card	\$50.00	\$75.00
Classified Ads	\$25.00	

Now Available – One Full Page in color, consisting of a 1/2 page advert with a 1/2 page of editorial describing the products in the advert.

A 25% discount applies if 4 adverts are placed for one full year (4 issues).

To obtain advert specifications and book advert space contact:

Geoff Todd (403) 512-2123 [geoff@honeycouncil.ca](mailto:geoff@honeycouncil.ca)

Publication Mail Agreement number

**43070512**

**ISSN 1489-730X**

Return undeliverable Canadian addresses to

Hivelights

PO Box 914, Station T Calgary,

Alberta T2H 2H4

[geoff@honeycouncil.ca](mailto:geoff@honeycouncil.ca)

[www.honeycouncil.ca](http://www.honeycouncil.ca)

(403) 512 2123



February 2019 Vol 32 #1

Funded by the  
Government  
of Canada

Canada

Cover picture - [www.perfectbee.com](http://www.perfectbee.com)  
Cover story - See page 5



## Table of Contents

<b>1</b>	2018 CHC Directors	
<b>3</b>	Canadian Honey Council Report .....	Rod Scarlett
<b>5</b>	Fat Bees and the Winter Cluster .....	Mark Williams
<b>7</b>	Regional Reports .....	CHC Directors
<b>11</b>	An Update on Nutrition and List of Ingredients Changes Affecting Food Labels ....	Billy Bee
<b>13</b>	CAPA Outstanding Service Award 2018 .....	Medhat Nasr
<b>13</b>	Philip McCabe Memorial	
<b>14</b>	Bee Health and Blueberry Pollination .....	CHC
<b>15</b>	The Different Tastes of Honey .....	Peter Lewis
<b>17</b>	Bees Matter 2018 Summary .....	Jillian Bender
<b>17</b>	The 2019 Western Apicultural Society Conference	
<b>19</b>	Kiwi Brian's Honey .....	GPRC
<b>23</b>	Help Wanted	

Hivelights - The Magazine of the Canadian Honey Council is printed with all natural vegetable based inks. Please recycle this magazine.



## 2018 Directors • Canadian Honey Council / Conseil Canadien de Miel

### Chair

#### Scott Plante

Federation des Apiculteurs du Quebec  
2369 chemin Lambert  
St-Nicolas, PQ, G7A 2N4  
T: 418- 531-0786 F: 418- 531-1112  
C: 418-455-3866  
E: [scott.plante@bell.net](mailto:scott.plante@bell.net)

### Vice Chair

#### Stan Reist

B.C. Honey Producers  
6124 Metral Drive,  
Nanaimo B.C. V9T 2L6  
Phone: 250-390- 2313  
E: [flydutch@telus.net](mailto:flydutch@telus.net)

### 2nd Vice

#### Albert Devries

Ontario Beekeepers Association  
44648 Ferguson Line  
St. Thomas, Ontario, N5P 3T3  
T: 519 868-9429  
E: [devriesfour@gmail.com](mailto:devriesfour@gmail.com)

### 3rd Vice

#### Jake Berg

Saskatchewan Beekeepers Association  
Box 4031,  
Melfort, SK. S0E 1E0  
C: 306- 921-8360  
E: [sjbeez@hotmail.com](mailto:sjbeez@hotmail.com)

### Director

#### Allan Campbell

Manitoba Beekeeper's Assoc.  
(204) 590-9441 cell  
(204) 638-6515 office  
RR#5 COMP.31  
Dauphin, MB, R7N2T8  
E: [allan@durstonhoneyfarms.com](mailto:allan@durstonhoneyfarms.com)

### Director

#### Bernie Rousseau

Bee Maid Honey  
13407-136 Ave NW  
Edmonton AB T5L 4B4  
C: 780-907-6777  
E: [bernie@beemaid.com](mailto:bernie@beemaid.com)

### Director

#### Mario Swinkels

Maritime Beekeepers Association  
Box 965  
Antigonish, Nova Scotia, B2G 2S3  
T: 902-863-5791  
C: 902-870-5106  
E: [mario@swinkels.ca](mailto:mario@swinkels.ca)

### Director

#### Neil Specht

Beekeepers Commission of Alberta  
Box 155, Eatonville, SK, S0L 0Y0  
W: 1306-967-2841  
E: [janeil@sasktel.net](mailto:janeil@sasktel.net)

### Director

#### Terry Greidanus

Beekeepers Commission of Alberta  
Box 126, 642017 104 Street East  
Cayley, Alberta, T0L0P0  
T: 403-395-2100  
C: 403-809-0122  
E: [terry@mountainviewhoney.com](mailto:terry@mountainviewhoney.com)

### CHC Office

#### Rod Scarlett

Executive Director  
#218, 51519 RR 220  
Sherwood Park, AB T8E 1H1  
T: 877-356-8935  
C: 780-498-0231  
E: [chc-ccm@honeycouncil.ca](mailto:chc-ccm@honeycouncil.ca)

### Hivelights Magazine Editor & Advertising Sales

Geoff Todd Box 914, Stn. T., Calgary, Alberta T2H 2H4  
T: 403-512-2123 E: [geoff@honeycouncil.ca](mailto:geoff@honeycouncil.ca)

Design and Production ..... Cristian Campean  
Advertising enquiries ..... Geoff Todd  
Publisher ..... Bunker to Bunker Books Inc.

Printed in Canada



# Mite Away Quick Strips

FORMIC ACID POLYSACCHARIDE GEL STRIPS FOR THE TREATMENT AND CONTROL OF VARROOSIS CAUSED BY THE VARROA DESTRUCTOR IN HONEY BEES (APIS MELLIFERA).

**FEED PRIOR TO APPLICATION:** Colonies need to be well fed prior to treatment. Cease feeding during the treatment period(s).

**BEFORE SPLITTING:** Treat 2 weeks before. (1. FEED 2.TREAT 3.SPLIT)

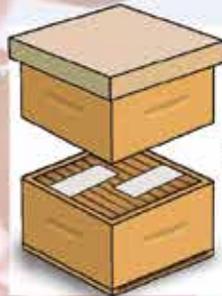
**FOR HONEY:** Maximize healthy colony populations by treating with Mite Away Quick Strips® 4 to 6 weeks before main honey flows. Have extra supers on to give bees a place to move up and expand.

**FOR OVERWINTERING:** Treat at end of the honey flow, while the last super is still on, add additional boxes if bees do not have room to move up and expand. 2-3 brood cycles before Queen goes off-lay.

**TEMPERATURE:** Between 10°C (50°F) and 29.5°C (85°F) on day of application. Maximum temperatures should not reach above 32°C (90°F). **Bees need to be flying regularly** during daytime highs, therefore it should not be raining during the first three days of treatment. Nighttime temperatures below 10°C (50°F) are acceptable.

**VENTILATION:** Full width of hive, minimum 1/2 inch high. If using bottom boards with limited entrances, set-back second box by 1/2 inch to give fresh air access. Screen bottom boards should be closed off or anticipate a decrease in efficacy due to Formic Acid being heavier than air. Upper entrances and screen bottom boards are not additional or sufficient ventilation sources.

## TREATMENT OPTIONS



**7 DAY  
2 STRIPS  
APPLIED ONCE**

APPLY 2 STRIPS  
AT DAY+0 FOR 7  
DAYS.



**21 DAY  
1 STRIP  
APPLIED TWICE**

APPLY 1ST STRIP  
AT DAY+0 FOR 7  
DAYS. APPLY 2ND  
STRIP AT DAY+14  
FOR 7 DAYS.



## FORMIC ACID



**TIME OF APPLICATION:** Use when outside temperatures are 10°C to 30°C and leave hive entrances fully open. Do not use when honey supers are in place. Honey supers may go on the hive after the absorbent material containing Tracheal Mite Treatment has been removed from the hive.

### AVAILABLE QUANTITIES:

- 1 Litre
- 4 Litre
- 20 Litre
- 208 Litre

1 L of 65% Liquid Formic Acid contains enough product to treat a hive approximately 4 times. Comes with full instructions and safety datasheet.

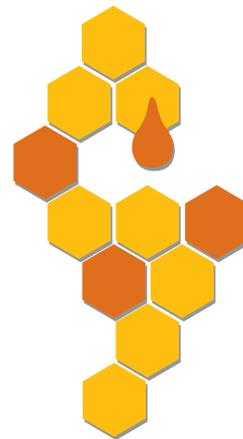


Slip-on our UV treated polypropylene wrap that contains environmentally friendly R8 fiberglass insulation. Protect your honey bees from the freezing winter temperatures and provide a windbreak for breezy locations. Bees will brood up faster, so you can split earlier in the spring and be ready for the honey flow.

*Healthy Bees. Healthy Planet.*

Now available through your beekeeping supply company  
866-483-2929|613-398-8422|www.nodglobal.com|info@nodglobal.com

# Canadian Honey Council Report



*Rod Scarlett, Executive Director, CHC*

**A** number of initiatives and activities resulted in a very hectic fall and early winter season. Several provincial associations had successful AGMs, many of which I was able to attend. There was also a lot of work done on the fumagillin file, with the Board identifying a path forward in cooperation with Vita, a European based company. The CHC has a commitment from Vita that they will either be, or contract to, a Canadian manufacturer. In addition, the CHC will maintain “ownership” of the Drug Identification Number (DIN) therefore ensuring that Canadian beekeepers will have access to fumagillin at a reasonable cost. Certainly, it is both of our intentions to have the product on the market the first half of 2019.

Food safety, traceability and quality control continue to be a point of emphasis. While not necessarily a path that all beekeepers are interested in following, I firmly believe that these interrelated programs provide beekeepers who produce honey the opportunity to secure high end markets across the globe. It does mean more paperwork, record keeping and oversight, but it also provides unique opportunities for advertising and promotion while increasing the potential for economic prosperity. It is not a silver bullet, but the more beekeepers that adopt these types of programming, the better our reputation both domestically and internationally. It also puts us ahead of the curve when compared to other countries. Consumers from across the world are looking for safe, quality food products and beekeepers need to remember that they are marketing a food product, not just an agricultural commodity. Unfortunately, one bad apple can have devastating impacts on the industry, so we need to be diligent and effective in bringing this important message to the apicultural sector.

The pesticide issue remains one of con-

siderable controversy. The Canadian Honey Council has been very clear that mitigating the risk of pesticide exposure is paramount. Given today’s agricultural practices it would seem improbable to eliminate the all risks to honey bees, but we need to ensure that whatever product being used is the best possible in eliminating that risk. The PMRA will be publishing their pollinator risk assessment early in 2019 and the CHC awaits the unbiased, scientifically based, recommendations that our Pest Management Review Agency comes forward with. The CHC has always tried to maintain a national perspective on the issue of pesticides, and, in particular, neonicotinoids. Some provinces are fiercely opposed to their use, others not so much. Both sides have good reasons behind their perspective, and believe it or not, both have science on their side. The CHC has also maintained that provincial associations can do whatever they want to do within their province but to speak on behalf of Canadian beekeepers at the national level is a misrepresentation of the facts. Provincial governments have the authority to manage the use of pesticides within their jurisdictions and the CHC has stayed clear of trying to influence provincial jurisdictions – the same can’t be said for some provinces and federal jurisdiction and this only further complicates an already complicated issue.

As we enter 2019, the Board of the Canadian Honey Council and the organizing committee of Apimondia 2019 will be spending more and more time in preparation for this world (wider) wide event. Canadian beekeeping and Canadian beekeepers are world leaders producing some of the world best honey and stock and it is our intention to highlight that fact. Every beekeeper in Canada should consider attending and help promote our industry to our colleagues from around the globe. Check our website for all the details. <http://www.apimondia2019.com> ■

# Apivar®

By Vétô-pharma



 **Manufactured in France**  
to the highest quality standards

• Unique • Proven • Trusted •

## Apivar > The trusted strip



**One single application,**  
up to 99% efficacy<sup>1</sup>  
long period of protection



**Safe for honey**  
Safe composition of amitraz  
and plastic strip only<sup>2</sup>



**Not harmful**  
to brood and bees<sup>3</sup>



Worldwide  
Varroa  
treatment  
leader  
**30+**  
countries



**5+**  
million  
colonies  
treated  
per year

## varroa easyCheck

By Vétô-pharma

**Varroa monitoring  
is now quicker, easier,  
and more reliable!**



[www.veto-pharma.com](http://www.veto-pharma.com)

 [facebook.com/vetopharma](https://facebook.com/vetopharma)

Contact: Frederick Proni, North America Area Manager  
214-675-7464 or [frederick.proni@vetopharma.com](mailto:frederick.proni@vetopharma.com)

1 - Efficacy tests: Arei-varroa treatments - FNOSAD (National Federation of Departmental Apiculturist Health Organizations) 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015 and 2016 - France // 2 - Amitraz residue transfer into honey from Apis mellifera hives treated with Apivar® - Jeff Pettis, USDA-ARS, Beltsville, MD USA - 2013 // 3 - Apivar registration dossier (2015); Study 2016-2015 - Testap

 **Vétô-pharma**  
Committed to apiculture

# Fat Bees and the Winter Cluster

*Printed with permission*

*Mark Williams, Founder - Perfect Bee, [www.perfectbee.com](http://www.perfectbee.com)*

## **6 Weeks...or 5 Months?**

What creature has a very short life span in the warm months yet can live several times longer in the challenging cold of winter? That is precisely the reality for the worker bee.

The survival of bees during the winter is a story of epic preparation and a huge collaborative effort within the hive, from late fall to the onset of winter.

Worker bees that live in the warmer months have a hard and necessarily disciplined life ahead of them. From the moment they emerge from their cell to the last flap of their wings, they are aptly considered workaholics. Their industry puts great stress on their tiny bodies and they use a huge amount of energy in working so diligently.



The end result is a lifespan of around 6 weeks.

By comparison, the worker bee that lives through the winter months has a much more focused, singular role. Her sole objective is to help see the queen through to the spring, at which time the queen can start laying eggs again.

The winter worker bee is a bridge from one generation of the queen's offspring to another. Her reward for seeing the queen through this challenging period is the potential to live from early winter to spring.

Months, not weeks....



## **Stores for the Winter**

We are used to seeing our bees venture away from the hive during the warmer months, but that is not an option during the winter. The temperatures are too low and other risks such as bad weather and starving pests simply make this impossible.

And so, bees prepare at great length for the oncoming winter by building stores of honey within the hive. This store represents their lifeline for living until the spring and they are entirely dependent on having enough honey to see them through that period.

## **Beekeeper caution**

**A beekeeper is advised not to take honey from a first-year beehive, giving the bees the best chance of surviving winter.**

The amount of honey required to survive the winter depends on the depth and duration of the winter. In warmer climates, 30 lbs. or so may be adequate but the harsh, colder winters in the north may require as much as 100 lbs. That's a very considerable burden on the first-year colony.

## **Out With The Drones**

There are a number of ways in which bees prepare for the winter. Their store of honey is a heavily protected resource and anything that limits how long it will last is considered a risk.

Drones are one such factor.

While they are clearly essential to the reproduction of the species, drones contribute very little to the actual running of the hive. Indeed, when it comes to the consumption of honey they are a negative drain on essential resources. **Worker bees see this coming and as the winter approaches, they evict drones from the hive.** The idea of carrying “passengers” who simply consume honey through the winter is simply not a viable trade-off.

So out the drones go. It’s a ruthless but essential process, including the physical eviction of drones by worker bees.

### Brood Production

Along the same lines, increasing the number of bees in the colony as winter approaches makes little sense. Brood at this time also translates into more mouths to feed. This isn’t purely a factor of reducing the number of bees consuming the honey reserve, but also reflects the simple truth that in fall there is less nectar and pollen anyway.

The net result is that brood rearing falls considerably, an intentional act on the part of the colony as it prepares for winter.

### Fat Bees

Getting through the winter is a very different challenge than life in the summer. Bees are extremely well adapted to their environment at the best of times and they change their body make up to prepare for the worst of times. Specifically, the approach of winter creates so-called fat bees. Fat bees are winter bees – bees much better suited to get through the winter, as follows.

- A compound called vitellogenin helps bees store food reserves in their body. This is less necessary in the summer, when they can freely move to and consume food. But in the winter vitellogenin becomes more important, so a fat bee has more.
- Lower levels of hormones
- Enlarged food glands
- Higher level of sugars and fats in their blood

The end result is indeed a fatter bee, but also one better able to tolerate and survive the cold weather of winter.

### The Winter Cluster

With the preparation done and the cold months arriving, it’s time for the colony to “bed in” for the winter. As with most things bee-related, what happens in the apparently still and quiet hive is rather remarkable.

## What is the winter cluster?

**This when bees gather very close together to keep a single queen at a comfortable, life-sustaining temperature.**

The objective of the winter cluster is simple, namely to reach the spring with a healthy queen and enough workers to restart the foraging and expand the colony all over again. The principle resources they need are warmth and nutrition.

### Warmth

Bees are cold-blooded. However, somewhat unusually, they do not simply die off and leave nested eggs to continue the species through the winter. Neither do they hibernate. Instead they remain active all winter, eating and metabolizing honey throughout.

The queen is kept at a steady temperature by being “hugged” by workers throughout the winter. The worker bees will form a cluster – hence the name – around her, enclosing her in a small but warm space. They “shiver” their flight muscles, which creates heat. With thousands of worker bees this can create a considerable heat source.

There are some fascinating aspects to the winter cluster.

- Bees will be dispersed around the hive while the temperature is around or above 60 degrees
- When the temperature drops below that level, worker bees start forming a cluster around the queen
- The center of the cluster, where the queen resides, will be maintained at a temperature of around 92 F
- The “tightness” of the cluster will be adjusted, according to the outside temperature, with a denser cluster being formed as temperatures drop
- To ensure that workers on the outside of the cluster don’t succumb to the cold, there is a constant movement of workers from the outside to the inside of the cluster, effectively giving all workers a turn in the warmer inner cluster
- If the outside temperature climbs above 50 F, bees will often take advantage to leave the hive and defecate, thus helping the cleanliness of the hive. These are called **cleansing flights**.

### Nutrition

Staying warm is important but for continued warmth the bees need a source of energy throughout the winter. That is the purpose of the honey reserve they build.

The whole cluster will gradually move around the hive, as one, passing over and consuming honey they have previously stored, fueling their muscle-originated warmth. If temperatures are within certain boundaries, the cluster can move around and “jump” from one part of the honey-laden hive to another.

It is not uncommon, though, for the cluster to be stranded – not able to reach perfectly good honey they have stored because temperatures are too cold, even though they have exhausted resources in the area in which the cluster resides. The loss of a colony due to cold, with a store of honey just out of reach, is a sad demise for the colony.

The winter cluster is a remarkable process though which bees find a way to survive frigid weather, thanks to an extraordinary effort and planning in the warmer months. ■



**Paradis**  
-VALLEY HONEY-

**RAW HONEY & BEE POLLEN**  
PRODUCTION • SALES • POLLINATION SERVICES

f e i

WWW.PARADISVALLEYHONEY.COM | INFO@PARADISVALLEYHONEY.COM  
877-624-8175 | WATINO, ALBERTA

# Regional Reports



## Maritimes



Mario Swinkels

Well winter has been cold and long in the Atlantic region, the early cold temperatures have contributed to early shutdown of winter preparations. Although most people were able to get the winter feeding in some were caught of guard others like myself were unable to complete oxalic acid treatments. This early onset of winter will hopefully not be reflected in our losses. On the bright side everyone seemed to be reporting

strong hives in the fall with little varroa in site.

Winter as always is a good time for AGM's. NFDL had theirs in November, a sweeping success I hear. New Brunswick plans their AGM for March 15 and 16 at Hotel Delta Beausejour in Moncton. While Nova Scotia is scheduled for Truro, February 15 and 16. Remember you always learn something at these events.

This winter has been busy for CHC a new direction plan is in the works as well as a continued end to fumagilin loss when Medivet closed. Apimondia is looking very exciting and I suggest everyone capable look at attending. This will be the closest we will ever see such an event with a week of intense "bee". Everything from care of bees around the world,, to products produced by bees. And to have this event in our back yard is just amazing.

Remember if you have any concerns or wants through the Canadian Honey Council don't be afraid to e-mail me . I tend to check my emails daily. On the same note resolutions can be brought up at you AGM's for provincial issues and National resolutions can be sent through me to the CHC board, Chc has a AGM scheduled for February in Manitoba.

## Québec



Scott Plante

It has been a year since I was fortunate enough to be elected as Chair of the Canadian Honey Council. In reflecting back over the year, it has gone fast and I need to thank all the Board members for the support and their hard work. The year began with preparation to changes in the way antimicrobials were going to be made available to beekeepers. The CHC tried to prepare veterinarians, government officials and beekeepers to the various difficulties that the new policy presented. Certain provinces took the lead, yet, there is still no national coordination in the delivery system, something the CHC will

continue to work on.

continue to work on.

For my own operation, difficulties in getting labour brought to the forefront the issue of temporary foreign workers. Changes announced required biometric scanning creating a lot of uncertainty and we will see if this concern was warranted this spring. A number of other issues on the labour front continue to take up time and energy and I have to commend members of our labour committee for work they put into this file.

The introduction of the Safe Food for Canadians Act and the passage of subsequent regulations has resulted in a number of changes, the first of which is labelling. The CHC was successful in ensuring that honey was exempted from front-of package labelling requirements. Working with major packers, we were able to agree upon a new nutritional label which is now up on our web-site. Other labelling changes have yet to be finalized and we will continue to act on those that impact our industry.

In the summer, the CHC agreed that we needed to work on the fumigilan file and since then we have been active participants in trying to get fumigilan back on the market as soon as possible. The Board has been active on preparing for Apimondia and as September draws closer, I am sure they will be asked to do even more.

Going forward, I am committed to working on diversifying our export markets for honey. The less we rely on the US for honey sales, the better the potential for increased pricing. The standardization of the interprovincial movement of our stock is high on my priority list. I am a strong believer we can be a better supplier of stock within the country, and making the transport rules clear and understandable will only help. I have to say that my first year as your Chair was very rewarding and I look forward to continue to serve Canadian beekeepers in the future in whatever capacity the Board chooses.

## Ontario



Albert Devries

I would like to start by thanking the other members of Honey Council and the members of Capa for traveling to London and making the fall meeting such a success. There were so many relevant presentations and good conversations to be had that you often needed to be in two places at once.

The support for Apimondia was evident as most presentations concluded with a see you at Apimondia slide which would cause a bit of a chuckle. I would like to also thank Jim Coneybear for his service to the Oba as president for the last two years and congratulate and welcome Andre Flys as our



## Now your best choice to preserve your bees' well-being

-  Reduction in overwintering losses<sup>1</sup>
-  Support bees' intestinal well-being

<sup>1</sup>Charizoti, L., Parashos, N & Harjini, F (2013) Long term effects of a food supplement HiveAlive™ on honey bee colony strength and Nosema varroa spore counts, Journal of Apicultural Research

“ I have been very impressed with the product so far. I work closely with another local beekeeper and follow similar treatment protocols. He takes my hives to CA for almond pollination. Early in the fall both of us had losses of 20%, but around Thanksgiving when I was helping him get things packed up I noticed his hive strength was much less than mine. As a result he has also incurred greater losses. One main difference in our operations is HiveAlive.

Steve S. (200 colonies, Michigan)

“ The colonies we fed with HiveAlive last year had only 15% loss so far compared to the 25% for the rest. They appeared to build up very well. There were 75 that we started from packages on 4/7 and split into 300 on 6/10. My close beekeeper friend who runs about 300 colonies bought the same packages of bees on 4/7. He did split them, although not the same buildup. He did not use HiveAlive. He has about 35% loss on those so far. He plans to buy some this week.

Nick S. (1,000 colonies, New York)



### Multiple ways to use HiveAlive!



- Add it to your syrup
- Mix it in your patties
- Spray it on your frames
- Dribble it between frames

Available in the US and Canada from:



Contact:  
Frederick Proni, North America Area Manager  
214-675-7464 or frederick.proni@vetopharma.com

Check out our other solutions to support honey bee health:



new president. The Oba also has several new board members which I am looking forward to working with and getting to know better.

Ontario has a very large number of smallscale beekeepers keeping their hives in populated areas. The Oba is working with the provincial government to try to make beekeeping regulations less restrictive. The hope is that more urban beekeepers will then register their hives and be able to take advantage of relevant information provided by the provincial apiarist and the Oba.

So far winter in Southern Ontario has been quite mild. There has been little snow cover and the frost has barely penetrated the ground. It seems every couple of weeks it warms up to the point where the bees can have a cleansing flight. I find this is a good time to reflect on the year that has passed and make plans for the future. I'll also attend some meetings and build some new equipment for next year.

## Saskatchewan



Jake Berg

The Saskatchewan Beekeepers Development Commission held our AGM and Annual Convention at the end of November. The attendance was up from previous years and the speakers were very well-spoken and informative. This year on the final day, in partnership with the Saskatchewan Department of Agriculture, the SBDC held a Bio-security training course. This was also, very well attended. The Bio-security course is a pre-requisite for the Bio-security grant that all commercial beekeepers in Saskatchewan qualify for. Each Saskatchewan commercial beekeeper qualifies for a matchable \$15,000 for bio-security enhancements to each producers establishment. For any Saskatchewan beekeepers who were unable to attend this course and are interested, please contact one of the SBDC board members or the office to find out when the next training course is going to be offered.

Please make sure to save the date for Apimondia. It is being held in Montreal from September 8-12, 2019. This is the 46th International Apiculture Congress. It will be a world class event and I encourage all to attend. It's estimated that there will be about 10,000 attendees from around the world. At this point, the API Expo is very close to having the trade show booths sold out, with exhibitors from every aspect of apiculture and beekeeping. It's been 20 years since the last Apimondia was held in Canada. Don't miss out! For more information visit the website at [www.apimondia2019.com](http://www.apimondia2019.com).

Most commercial beekeepers are so busy in the summer, they don't see a lake that isn't frozen over. I believe it would be nice to start a beekeepers networking meeting annually in January or February at a lake in Northern Saskatchewan. It would be an opportunity for beekeepers to get together and share practical knowledge and know-how of what is and isn't working for their operation. All the while enjoying a nice afternoon of fishing, stories and of course, some fish stories. Saskatchewan is home to the shovel after all! If there's any interest in an event like this please contact myself, Jake Berg.

Happy New Year and all the best in 2019! May this year bring you lower than normal winter mortality and higher than average honey prices!!

## Alberta



CHC had a face to face meeting in London, Ontario in conjunction with the Ontario beekeepers association convention. It was great time with many old and new to the industry. There is always something to



Neil Specht

be learned they say, life is so short to make all the mistakes ones self.... ( I may prove that wrong)

While there, I was visiting with Gail Wyant of McCormicks and that's Beemaid's competition. When a photographer came by and took a picture. We were laughing because that was going to show up somewhere. Sure enough, it make it back to the Alberta Bee News December issue. Too funny.

Fumagilin is moving along. Still lots of I's and T's. The spring time line is still in the air. Let's all hope. I listened to a paper by Nadia Tsvetkov of Amro Zayed's lab on chronic exposure to some neonicotinoids in non target plants, very interesting. I think it's worth a read. Out side that Apimondia is a CHC time thief but a good one. There will be more in this Hivelights I'm sure. I just want you to plan your summer around taking the time in September to see the world beekeeping show in Canada.

So far the winter has not been terrible. No big news in honey price either. Wishing you some good fun yet this winter. Best to you.

## British Columbia



Stan Reist

There is not much happening right now, except for preparations for the continuing study with the Blueberries. The BCHPA is planning for a booth at Apimondia, The convention in Victoria has almost all wrapped up and was a great success.

I am on my way to Myrtle Beach for the ABF convention and promotion of Apimondia. So at this time I would like to wish everyone a Happy

New Year and better crops.

**LARGEST IN-STOCK SELECTION  
OF BEEKEEPING AND HONEY  
EQUIPMENT IN ATLANTIC CANADA!**



**We have all your beekeeping  
needs at competitive prices**

**Have a look  
at our  
expanded  
product line!**

**Competitive  
Prices  
Bulk order  
Discounts  
Open  
Year Round**



**14 Pine Grove Lane,  
Waverley, NS B2R 1R1  
Ph: 902-576-3079  
1-877-505-6363  
info@countryfields.ca**

**[www.countryfields.ca](http://www.countryfields.ca)**

**Canadian Distributors for KAPTARLIFT Manual and Electric Hive Lifts**

# Nature's Taste

Phone: 888 923-9813

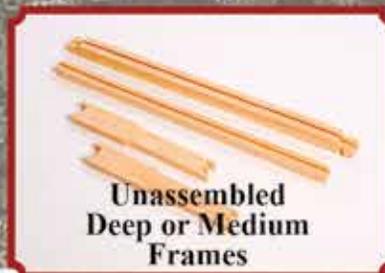
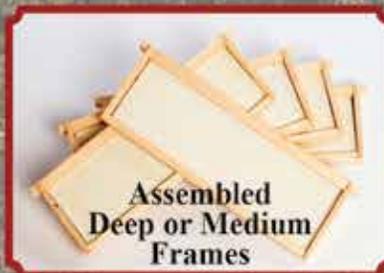
Website: [www.naturestastecanada.com](http://www.naturestastecanada.com)

Email: [info@naturestastecanada.com](mailto:info@naturestastecanada.com)



- Locally Built Bee Equipment
- Buy Direct from the Manufacturer
- Made with Ontario Wood sustainable white pine
- Custom built products to your specs

**Ontario Wood**  
The natural choice



# An Update on Nutrition and List of Ingredient Changes Affecting Food Labels

December 19, 2018

In December 2016, Health Canada finalized amendments to the Food and Drug Regulations (FDR) that include changes to the List of Ingredients (LOI) and the Nutrition Facts Table (NFT). As we get closer to the 2021 compliance deadline, more and more manufacturers are beginning to update their labels to reflect the new requirements. Changes to the LOI and NFT are all part of Health Canada's healthy eating strategy which encompasses many initiatives: revising Canada's food guide, restricting marketing to children, introducing front-of-package (FOP) nutrition labelling and improving the nutrition quality of food.

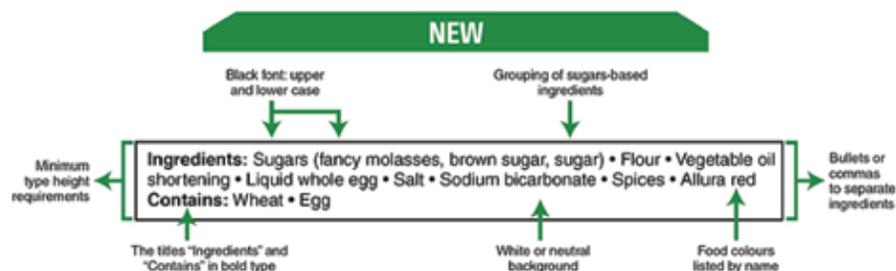
## What is the timing?

The LOI and NFT format changes required for food labels must be made prior to December 14, 2021. However, as proposed in Canada Gazette I, the finalization of FOP labelling may bring an additional year to bring labels into compliance.

## What's changed?

The changes to the LOI include:

- Grouping of sugars-based ingredients in brackets after the name "Sugars"
- Listing food colours by their individual common names
- Making the text in black font on a white or neutral background
- Creating minimum type height requirements



- Using bullets or commas to separate ingredients
  - Using both upper and lowercase letters for the ingredients in the LOI
- The new NFT keeps a lot of its former aesthetic but has some significant changes that include:
- Making serving sizes consistent and realistic
  - Making the serving size and Calorie information easier to find and read
  - Adjusting the % Daily Value (DV) to reflect updated science, including a new %DV for sugars based on a total intake of 100 g of sugars per day
  - Adjusting the nutrients included in the NFT to remove vitamin A and vitamin C and to add potassium
  - Adding a footnote to the NFT about %DV that will help consumers understand how much of a nutrient is in their food based on 5% or less is a little, and 15% or more is a lot

## How does this impact honey?

For honey sold both in retail and in bulk, there are some excep-

tions to the requirement to group sugars in the LOI and one of these exceptions apply to honey that is packed and sold as such (e.g., pure honey). For single ingredient foods like honey, the common name (e.g., honey) is also considered to be the LOI. But if a separate ingredient list is included on a honey label, or if it is not a single-ingredient honey (e.g., flavoured honey product) then the new requirements, outlined above, would have to be incorporated.

For retail honey, below is an example of what the new NFT will look like for consumer prepackaged honey products. The exact format and size of NFT required for an individual product would depend on its Available Display Surface (ADS), <http://www.inspection.gc.ca/food/labelling/food-labelling-for-industry/nutrition-labelling/ads/eng/1389222405345/1389222476367>, and the full range of NFT

Nutrition Facts	
Valeur nutritive	
Per 1 tbsp (20 g) / par 1 c. à soupe (20 g)	
<b>Calories 60</b>	<b>% Daily Value*</b>
<b>Fat / Lipides 0 g</b> 0 %	
<b>Carbohydrate / Glucides 16 g</b>	
Sugars / Sucres 16 g 16 %	
<b>Protein / Protéines 0.1 g</b>	
Potassium 10 mg	1 %
Iron / Fer 0.1 mg	1 %

Not a significant source of saturated fat, trans fat, fibre, cholesterol, sodium, or calcium.  
Source négligeable de lipides saturés, lipides trans, fibres, cholestérol, sodium et calcium

\*5% or less is a little, 15% or more is a lot  
\*5% ou moins c'est peu, 15% ou plus c'est beaucoup

Bilingual Simplified Standard Format NFT, Fig 6.1(B)  
Source: Canadian Nutrient File, Food Code #4294 Sweets, honey, strained or extracted, updated 2018-02-06.

options can be found in the Directory of Nutrition Facts Table Formats, <https://www.canada.ca/en/health-canada/services/technical-documents-labelling-requirements/directory-nutrition-facts-table-formats.html>

Canadian Honey Council will be providing the below NFT template on the council's website for packers to use on consumer prepackaged honey. As a reminder, manufacturers are solely responsible for ensuring compliance of their labels, including the Nutrition Facts Table, to all relevant regulations and

should continue to monitor the Canadian Nutrient File for any updates that may impact declared values.

For bulk honey, honey that is not offered for sale as a consumer prepackaged product, B.01.404(1) FDR Foods for Use in Manufacturing Other Foods, should be followed and nutrition data provided to the purchaser on a per 100 g basis. Please refer to the links below for additional guidance.

This article is not intended to provide Legal or Regulatory guidance, for more information on the food labelling changes outlined here or to seek more information in ensuring label compliance, please visit the following sites: <https://www.canada.ca/en/health-canada/services/food-labelling-changes.html> <http://www.inspection.gc.ca/food/labelling/food-labelling-for-industry/eng/1383607266489/1383607344939>

Information can be credited to:



# Bee Breeding Centre

"A Beekeeper Builds for Other Beekeepers" Since 1971

A Professional & Heavy Duty Hive/Super Lifter

## About the Hive Lifter

Proven in the field for many years.

- Custom built
- Auto brake winch
- Adjustable wide grabber
- Battery indicator
- Comfortable handles
- Deep cycle battery (20 amp)
- Heavy load tires
- Waterproof Construction
- Stays stable with a load



## Why Do you Need it?

The Hive Lifter is designed to replace lifting heavy supers by hand which relieves the back from unnecessary pain.

It also assists the modern beekeeper with daily tasks:

- Pulling honey **fast** and **easy** with the use of Bee Escapes
- Loading **several** honey supers on a vehicle or trailer **at once**
- Loading and unloading bee hives **efficiently**

## Product Specification

Lifting Height: 55"  
 Weight: 70 lbs  
 Size: Height 72" Width 28" Depth 21"  
 Wheel size: 4.80 - 8 (Load: 650 lbs x 2)  
 Max Lifting Capacity: 350 lbs (6 full supers)

For more information please visit [www.beebreedingcentre.com](http://www.beebreedingcentre.com) or contact Boris Fridlender at 204 - 417 - 9778 or [Borisapiary@gmail.com](mailto:Borisapiary@gmail.com)

Learn to Bee! >>>



# Commercial Beekeeping Program

- Opportunity to get paid to learn during our summer practicum!
- Beekeepers are in high demand in western Canada
- Great career options

>>> [cps@kpu.ca](mailto:cps@kpu.ca)  
[kpu.ca/bees](http://kpu.ca/bees)



[www.cowenmfg.com](http://www.cowenmfg.com)

Technology and Nature  
 working together sure is sweet!

**"BUY COWEN"**  
**800-257-2894**

# CAPA Outstanding Service Award 2018

Medhat Nasr

Rheal, PA of MB, Geoff Wilson SK PA, and Paul Kozak, ON PA, Thank you for your nomination to this award. CAPA colleagues led by Dr. Hoover thank you for supporting the nomination and the award. It is a great honour to be added to the list of the recipients of this award in Canada.

To all of the wonderful colleagues and beekeepers across North America, CHC members whom I have had the opportunity to work with over the past 40 years including 12 years in the USA and 28 years in Canada 16 years of them in Alberta “5948 days” - Thank You.

The times shared, friendships forged and the incredible successes which we have enjoyed and challenges that we faced have been an extraordinary part of my life. I am very proud of my association with team of friends colleagues and beekeepers who have been supportive. Working together for countless hours have enabled us to achieve many successes, and there have been times I will never forget.

This is an amazing organization and industry. We should all be incredibly proud of it. I wish all of you every success for the future. Maintain the passion for your bees! ■

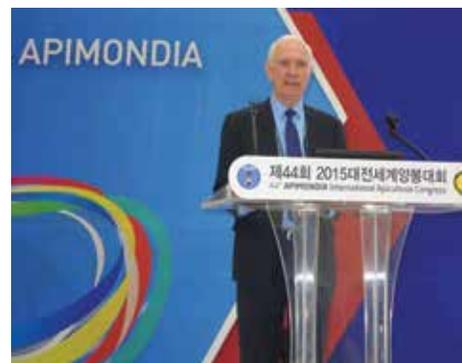


**The world beekeeping community is in mourning.**

**Our president Philip McCabe died Saturday, October 20, 2018 from a serious illness.**

**His dedication and work in the Apimondia Federation have been exemplary.**

**Rest in peace...**



# Bee Health and Blueberry Pollination

**PROJECT LEADER**

*Dr. Marta Guarna, Agriculture and Agri-Food Canada, Beaverlodge, AB.*

**COLLABORATORS, PARTNERS, AND FUNDERS**

*Dr. Leonard Foster and Heather Higo, University of British Columbia, Vancouver, BC.*

*Dr. Stephen Pernal, Agriculture and Agri-Food Canada, Beaverlodge, AB.*

*Patricia Wolf-Veiga, National Bee Diagnostic Centre (NBDC), Grande Prairie Regional College, Beaverlodge, AB.*

*Canadian Bee Research Fund/ Canadian Honey Council-CAPA*

*Project Apis m.*

*BC Ministry of Agriculture, BC Honey Producers Association, BC Blueberry Council*

## Introduction

Blueberries are Canada's top fruit export valued at over \$400 million annually. In British Columbia, the province with the largest production of cultivated (highbush) blueberries, crop productivity is dependent on the pollination service of managed honey bees. However, beekeepers are concerned about the poor health of their colonies and increased presence of disease, in particular European foulbrood (EFB), following blueberry pollination. These concerns are threatening the availability of colonies for pollination.

The aim of this project is to understand the reported changes in bee health during and after blueberry pollination and to evaluate management strategies, in particular the use of nutritional supplementation, to increase bee health. Increased honey bee health during and after blueberry pollination will ensure that pollinating colonies can produce an abundant, high quality honey crop. Increased honey bee health will also ensure a sustainable and strong supply of honey bee colonies for pollination, which is essential for blueberry crop productivity.

## Progress and results to date

During the spring and summer of 2018, we worked with 5 collaborating beekeepers to evaluate 220 colonies. One beekeeper offered 100 colonies derived from packages and we separated them in two groups; one group was moved to a blueberry field for pollination and the other was used as (non-blueberry pollination) control. We also worked with four additional beekeepers to evaluate 120 of their pollinating colonies (30 per beekeeper). Half of the colonies from each beekeeper received nutritional supplementation in the form of protein patties.

During colony evaluations at the start and end of the pollination period, we estimated adult bee population, sealed brood coverage and colony health, in addition to sampling adult bees, honey, bee bread, and diseased brood for laboratory analysis. We also performed an inspection for brood diseases 3-4 weeks after blueberry pollination. Field work and sample collection was managed by Heather Higo, UBC, with help from members of the UBC and AAFC teams. We also had expert help from Dr. Jeff Pettis (former USDA) and inspectors from the Province of Alberta.

In all groups, including the control, there was an increased inci-

dence of EFB as the season progressed. However, colonies that pollinated blueberries appeared to have a higher incidence of EFB after pollination when compared to the non-pollinating colonies from the same beekeeper. This observation indicates that beekeepers' concerns merit further investigation through an in depth analysis of this study's field data, laboratory analysis of the samples collected, and by conducting future comparative studies.

We are now completing the analysis of field data and have begun processing adult bee samples for pathogen testing at the AAFC Beaverlodge Bee lab. We are still evaluating the effects of the protein patty supplementation on brood area, adult population, and disease status. We are also exploring options for chemical analyses of the honey and bee bread samples that will be performed in the second year of the project.

## Communication of project plans and results

Communication of project plans and preliminary results are ongoing. We have written articles for the American Bee Journal (<https://americanbeejournal.com/the-blueberries-and-the-bees/>) and for BeeScene. We have also presented project updates at the following meetings: BC Honey Producer's Association meeting in Victoria, BC (October 2018), the Entomological Association of America and Entomological Society of Canada joint meeting in Vancouver, BC (November 2018), and the Ontario Beekeepers Association, the Canadian Honey Council, and the Canadian Association of Professional Apiculturists joint meeting in London, ON (November 2018). The role of CHC and other collaborators and sponsors was acknowledged in all presentations.

Beekeeper concerns have resulted in considerable public interest and have attracted media attention. As a result, the following media articles and reports have also been published:

The Star by Ainslie Cruickshank

<https://www.thestar.com/vancouver/2018/10/27/scientists-buzzing-over-whether-blueberry-fields-pose-a-health-risk-to-bees.html>

The Vancouver Sun by Larry Pynn

<http://vancouversun.com/news/local-news/beekeepers-refuse-to-put-thousands-of-colonies-in-fraser-valley-blueberry-fields>



Early morning colony evaluation in blueberry fields



Highbush blueberry flowers and a bee bread sample

# The Different Tastes of Honey

by Peter Lewis, Submitted by Dr. Pierre Giovenazzo

**W**ithin minutes of each other two non-beekeeping contacts called me to ask if I'd seen the fabulous article about tasting honey in the weekend newspaper. Published to coincide with the timing of the UK National Honey Show and written by Hattie Ellis for the Financial Times (FT) magazine, the review extolled the variety of unique aromas, tastes and flavours to be found in indigenous honeys.

As with a bottle of wine, whereby the type, style, grape, region, producer and the vintage (collectively the 'terroir') are assessed, it is the end product that is the principal point of interest. Increasingly we are all becoming more interested in provenance and traceability, concerned to enjoy and be aware of the importance of knowing more about everything that we eat. Why, where it's from, who produced it, when, how, etc.

## Honey Choices

Which honey, for example, might go better drizzled over natural yoghurt and berries for breakfast? What is an ideal sweet foil dressing to a refreshing salad of sliced raw chicory, quartered fresh figs in season, a sprinkling of walnuts, prosciutto and some scoops of blue cheese, such as Gorgonzola (try it!)? Or that cooks well in recipes, not just in cakes?



Test samples lined-up for taste test appreciation, with fellow course attendees Dr Pierre Giovenazzo (left), President, Apimondia, Montreal 2019, from Quebec, and Rustam Engineer, director and co-founder of 'Wild about Honey' (Portugal)

Baked thick butchers' sausages, roasted together with a whole fennel bulb split into sections, then smothered in a heated sauce reduced from the juices, some dry white wine or vermouth, whole grain mustard and a generous tablespoonful of rich sweet and earthy bitter Yorkshire ling heather honey make a divine autumnal supper.

## Italian Beekeepers

To improve the quantity and quality of yields through insect pollination in a country famed for its range of fine foods – fruit, vegetables, wine, olive oil and a whole gamut of agricultural produce – as well as produce honey, bees wax and hive products, there are an estimated 70,000 beekeepers in Italy. They produce in total about 16 to 23,000 tonnes of honey each year (20,000 professionals account for 80% of the honey sold), which is about 8 to 10 times as much honey as is produced in the UK.

By comparison, in Britain there are around 450 bee farming businesses and approximately 25,000 small-scale beekeepers registered with the BBKA.

As a way of addressing the perceived threat of cheap, sometimes adulterated, honey imports, for 25 to 30 of their monofloral honeys that regularly yield a crop of commercial potential, the Italians have established certifiable 'types', uniquely defined by a triangulation of taste (gustatory appreciation), pollen content (melissopalynology) and chemical profiles. As well as reducing the level of poor quality imports, an immediate benefit to beekeepers has been higher pricing: €8 to €10 per 500 g jar is realised at retail level for accredited mono and multifloral honeys (equivalent to £7 to £9 per 1 lb in the UK).

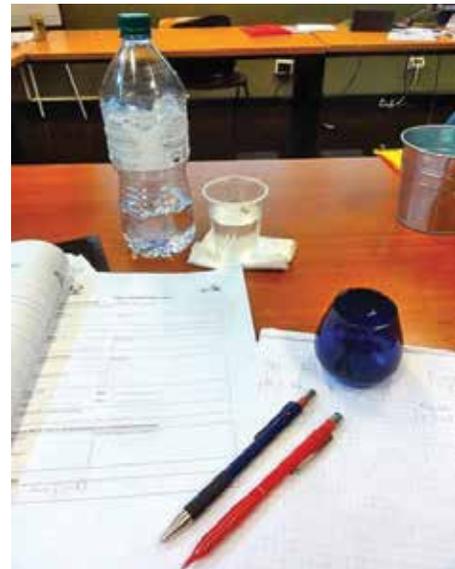
## Honey Analysis Course

The FT article included details of the first course to be presented in English by the Italian pioneers of the systematic sensory analysis of honey or organoleptics.

Based in Bologna (known as *la grassa* – 'the

fat' in gastronomic terms), the food capital of the fertile and productive Po valley of north-east Italy, the expert course leaders Dr Gian Luigi Marazzan and Dr Raffaele Dall'Olio keep bees. Both are professional honey tasters and panel leaders for the Italian National Register of Experts in the Sensory Analysis of Honey.

Over an intense full four days the international group of attendees were introduced to the concepts, themes and methodologies for systematically and consistently appreciating a honey's individual merits. In my group, we had two participants from New Zealand, six from Quebec (in anticipation of next year's



A blind tasting (orange citrus honey as it happens) in an official olive oil tasting glass, coloured blue so that you can't see the sample itself

Apimondia Congress in Montreal), one from North Carolina, USA, one from Colombia and eight from all around Europe.

Dr Lucia Piana is one of the founders of the Italian National Register of Honey Sensory Experts and organises the annual Grandi Mieli d'Italia honey show. She presented a fascinating half-day guest session on the phase diagram physics of the crystallisation

of honey sugars (soft-set, granulation) and storage implications, HMF, etc.

### Educating the Palate

The starting point of the course was the basic education of the palate to detect and discern levels of sweet, sour, bitter and salt plus savoury umami. We compared different types of honey, including honeydews. The faults, defects and problems that might generally be associated were explained and tried (fermentation, metallic, smoke or thymol contamination etc).

Talks interspersed with ever- more sophisticated tastings of known honey types enabled us to build up profiles of about 18 typical Italian honeys (including sunflower, acacia and citrus). Some were familiar such as ubiquitous canola or oilseed rape and dandelion. Others were similar, such as lime (*Tilia spp*) though this was darker and more intense than the British variety, which is very light, slightly green in colour and has hints of mint.

Some were downright confusing: the Italian ‘heather’ honey is based on a much earlier flowering *Erica* species. Their ‘honeysuckle’ is from a fodder crop (*Hedysarum coronarium*, sulla or sweet vetch) grown mainly in southern Italy and not related to *Lonicera* honeysuckle at all!

To differentiate accurately, Latin plant names were essential.

### Taste and Smell

Flavour is a combination of taste on the tongue and aroma sensed through the nose – try eating something with your nostrils pinched together first, then release them and notice the different experience.



Wine glasses used for bulk sample tasting, with 25–30 g of different ‘type’ honey examples per glass

### The Honey Wheel

In profiling honey types, we were introduced to the Honey Wheel. This was originally published by the International Honey Commission (IHC) in 2004 and has since been adapted and developed by others. It is a guide to consistent descriptions of the flavours and aromas of honeys in universally understand-

able terms.

We were all testing, tasting and evaluating the same known type of honey at the same time, so we started to use the same adjectives to describe our tasting experiences. Thus a common vocabulary discipline (of seven major categories, 23–25 sub- families and a third further subordinate set) developed through which we could communicate flavours effectively to a trained taster, chef, cook or honey judge.

It’s the equivalent of the oenophile or vint-



The current 2013 version of the IHC Honey Wheel, which is under further review and likely to be revised

ner’s ‘I’m getting berries and cherries with a hint of spice’ applied to a spoonful of honey instead of a glass of wine. After proper training, it becomes systematic, serious and unpretentious.

### Trying Different Honeys

The international nature of the group led to a lot of networking and considerable insights from the inevitable cross-pollination of experience, thoughts and ideas. We’d each brought some representative honeys to show, tell and try. We had Ethiopian honey, where inclusion of larvae is seen locally as a positive protein addition, Korean honey with preserved hornets, manuka from New Zealand and fabulous pure sourwood honey from the high Appalachian mountains to the east of North America. Of course, I took some of Yorkshire’s finest heather honeys.

In a blind-test exercise, we were shown how ‘heather’ honey (monofloral examples of *Erica spp* and *Calluna vulgaris* (ling)) can be confused with sea lavender honey (*Limonium vulgare*), while in such an assessment, Scottish heather honey with whisky might incorrectly be thought to be showing signs of fermentation.

### Courses

Sensory analysis of honey has established considerable resonance worldwide, especially

**Orange** *Citrus spp.*

Extra white to light amber; from white, sometimes pearly, to light beige when crystallized. Different crystals might occur.

**ODOUR** medium, floral, citrus flower, fresh, turns to fruity with aging.

**FLAVOR** same as odour

International “Pfund” Scale  $\leq 30$

0	Water white	8
8	Extra white	17
17	White	24

#### Citrus Fruit Honey (*Citrus spp.*)

Remarkable quantities are produced in the vast southern and insular citrus orchards. The most common variety is mixed citrus honey; only rarely is single-species honey (orange, lemon, grapefruit, tangerine, etc) obtained.

Physical features: it crystallizes spontaneously sometimes with a coarse and sandy texture. Colour (Pfund scale): very fair/pale water-white when liquid, white to light beige when crystallised. Smell: medium intense, distinctive, floral, fresh, reminds of orange flowers, zesty. Taste: very aromatic, deeply floral and fruity. Usage: is one of the most popular types of table honey because of its floral aroma; it matches perfectly to any sweet foodstuffs.

The results: organoleptic profiles of a citrus honey (what we’re looking for, and should find, in a ‘type’ example).

in North America, though not yet here in UK. The American Honey Tasting Society and The University of California, Davis, Honey and Pollination Centre at the Robert Mondavi Institute, California, have offered formal structured courses for several years already.

The next honey tasting courses in English in Bologna are in 11–13 June 2019 and 12–14 November 2019.

For further details, see [www.cibo360.it/catalogo/prodotti/honey\\_tasting\\_course.php](http://www.cibo360.it/catalogo/prodotti/honey_tasting_course.php)



Samples of fabulous pure sourwood honey from North Carolina, USA, and Great Yorkshire Show prize-winning heather honey from the North Yorkshire Moors, UK. Note the use of glass tasting rods, with water and tart green apple slices to cleanse the palate between different tastings.

*Peter Lewis lives in the Yorkshire Pennines, where he has kept honey bees for about 12 years. Currently he is the Chief Hives & Honey Steward at the Great Yorkshire Show, as invited and appointed by the Yorkshire Agricultural Society. ■*

# Bees Matter 2018 Summary

*Jillian Bender,  
Communications manager  
CropLife Canada*

**A**s we wrap up yet another year and get ready for the holidays, I wanted to share some highlights from the Bees Matter 2018 project with you.

In 2018, we distributed over 70,000 seed kits, which means we've surpassed 250,000 for the duration of the project - enough seeds to grow a pollinator-friendly garden the size of 74 hockey rinks! The Buzzing Gardens seed kit program has been a staple since Bees Matter launched in 2014 and provides Canadians with access to free seeds to plant their own pollinator-friendly garden. Thanks again to all of our partners who helped to distribute seed kits this year.

We continue to see high engagement with the Bees Matter website, having over 85,000 visitors to the site spending an average of 2 minutes and 11 seconds engaging with content. Earlier this year, we updated the website to enhance the user experience. If you haven't had a chance to visit the new site, you can find it at the same address: [beesmatter.ca](http://beesmatter.ca)

We also executed two events: National Planting Week Influencer event May 31 in Toronto and the Honey Bees Pie Shop Event October 4 in Ottawa, Toronto and Calgary. Each of these events provided an opportunity to share information with Canadians about honey bee health and the important role they play in pollinating many of the foods we enjoy. They were also a way to secure media coverage which resulted in 28 stories being published. I've attached a summary of the results we saw from the Honey Bees Pie Shop event in October for you to see. Thank you again to all our partners who helped by volunteering time to be on site at the events. ■

## W W A S

"Hive Mind for the Greater Good"

### The 2019 Western Apicultural Society Conference

Ashland Hills Hotel & Convention Center  
July 12-14th Ashland, Oregon



**Keynote Speakers & Workshop Leaders include:** Dr. Judy Wu-Smart, University of Nebraska-Lincoln | Katrina Klett, Elevated Honey Co. | Hilary Kearney, Girl Next Door Honey | Dr. Meghan Milbrath, Michigan State University | Anna Gieselmann, Bee Amour Jewelry | Sarah Red-Laird, Bee Girl | the native bee team from the Logan, Utah, USDA-ARS Pollinating Insects Research Unit | streamed opening welcome by Dr. Marla Spivak | and more. **Swarm in for Networking Opportunities and Activities:** Not only will you learn from the best and brightest, you'll have a whole host of opportunities to personally connect with other beekeepers, as well as the speakers and workshop leaders, to share your stories, projects, ideas, products, and interests. **Plan to arrive July 11th for some pre-conference fun:** Raft the Rouge River and take in a show at the Oregon Shakespeare Festival with your fellow beekeepers.

Registration at [www.westernapiculturalsociety.org](http://www.westernapiculturalsociety.org)

« Get ready for next season with our  
never-seen-before bulk prices. »

# Propolis-etc...

MATÉRIEL APICOLE • BEEKEEPING SUPPLIES

## Supers & Frames

UNASSEMBLED  
**SUPERS**

**\$12.50\***

\*Minimum order of 125. Shipping not included.

UNASSEMBLED  
**FRAMES**

**\$0.85\***

\*Minimum order of 2,000. Shipping not included.

At Propolis-etc... We're **beekeepers first!**

CONTACT US

 1-888-660-6665  [info@propolis-etc.ca](mailto:info@propolis-etc.ca)  [www.propolis-etc.ca](http://www.propolis-etc.ca)

# Best Practices and Hive Health:

## Kiwi Brian's Honey

In 2008, after years of working in canola production and pollination, Landen Stronks was ready to try something new. “I never anticipated that I would be in the bee industry at all,” he said, “but when the opportunity came along, we decided to go for it.”

Ten years later, Stronks now operates a “blooming” honey and pollination business, Kiwi Brian's Honey. Located near Lethbridge, Alberta, Kiwi Brian's is a subset of a leafcutter pollination and seed production operation, Witdouck Farms, and he relies on Grande Prairie Regional College's National Bee Diagnostic Centre to keep his hives healthy.

Starting a new honey production venture was exciting, but daunting. Stronks admitted to feeling “pretty green” at first, and to sometimes needing a helping hand. Occasionally, he had health concern crop up among his hives which he was unsure how to manage.

“In the bee business, the season goes so quickly that you can have a difficult time assessing what went wrong,” he said. “By using the services at NBDC, we were able to send samples in to get some indication of what was going on with our hives.”

Grande Prairie Regional College's National Bee Diagnostic Centre, or NBDC, offers a full array of diagnostic services for bees.

Stronks relied on NBDC's testing services recently when a batch of queens he had ordered arrived several days late. Knowing that queen sperm viability can be harmed by longer-than-expected journeys with poor temperature control, Stronks decided to send a few samples in for testing at NBDC. Lab results showed that the queens' sperm viability was poor, which could have had devastating effects on the survival of the colony had the queens not been replaced.

Stronks used NBDC's services again one spring when the health of some of his bees went into rapid decline.

“We came across a bee yard where something had gone wrong,” he recalled. “Most of the bees were dying, even though our records indicated they had been healthy going into winter and first visit.”

Results from NBDC's laboratory showed that the bees had likely

ingested a harmful insecticide while collecting pollen in the spring.

“It's very rare that that happens,” said Stronks, “but you don't know what the problem is until you test it. The services from NBDC helped us make a decision about what to do next.”

Stronks now routinely uses NBDC testing services to keep an eye on the health of his hives. He has taken advantage of diagnostic tests like Nosema and AFB testing, as well as chemical analysis, virus loads, and queen sperm count and viability. Stronks considers annual health testing to be part of best management practices.

“The services at NBDC help us make better decisions,” said Stronks. “Our hives are stronger and more sustainable.”

Learn more about how NBDC's services can help your hives thrive at [gprc.me/nbdc](http://gprc.me/nbdc)



**Offering diagnostic services for  
beekeepers and industry.**

Catch up on our research news and find out how our services can help Canadian beekeepers identify, manage, and control threats to hive health.

**NATIONAL BEE DIAGNOSTIC CENTRE**  
Grande Prairie, AB 780-357-7737  
[gprc.me/nbdc](http://gprc.me/nbdc) [nbdc@gprc.ab.ca](mailto:nbdc@gprc.ab.ca)

Follow us! [f @GPRCNBDC](https://www.facebook.com/GPRCNBDC) [t @GPRC\\_RI](https://twitter.com/GPRC_RI)



Rough Terrain Forklifts

Visit our new website  
[www.hummerbee.com](http://www.hummerbee.com)  
to learn about all of our  
other available models:

**XRT XL XT<sub>2WD</sub>**

The classic Hummerbee  
just got even better...

## **TURBO II**

The Hummerbee Turbo is now more powerful, smoother, and faster than ever. Now featuring 56 hp being produced by a Tier 4 emissions compliant, Kohler turbo diesel engine. Diesel exhaust fluid is NOT required.

More power, a new maintenance - free articulation joint, easy to use joystick mast controls, digital gauge display, a quieter, redesigned transfer case, and the highest lift capacity in its class while being even more compact than before, make the Turbo II the most exciting Hummerbee yet.

# **A & O FORKLIFT**

[www.hummerbee.com](http://www.hummerbee.com)



Call A&O Forklift to order today  
**800-943-8677**

# Hivelights (August 2019) Special APIMONDIA Edition

Mailed to all CHC members and distributed to delegates at the Convention in September.

## Advertising rates as are follows:

Size	Black & White	Full Colour
1/8 page	\$100.00	\$200.00
1/4 page	\$200.00	\$400.00
1/2 page	\$400.00	\$600.00
Full Page	\$800.00	\$1,000.00
Business Card		\$100.00

Also available – One Full Page in color, consisting of a 1/2 page advert with a 1/2 page of editorial describing the company in the advert - \$600.00

**Deadline June 15th, 2019**

**These rates do not apply to yearly advertisers who book four issues.**

To obtain advert specifications and book advert space contact:  
Geoff Todd (403) 512-2123 or geoff@honeycouncil.ca



# BJ SHERRIFF

EST. 1968



PROUDLY CRAFTED IN BRITAIN

## Specialist makers of fine quality beekeeping apparel



BEE FARMER VEST & HOOD



HONEY RUSTLER JACKET



APIARIST ALL-IN-ONE



CLEARVIEW VEIL HOOD

Trusted for over 48 years to deliver a range of robust and reliable safety work wear designed to last and last. Handcrafted in Cornwall, a BJ Sherriff is the only beesuit you'll ever need.

**Canadian  
Stockists**

**Alberta Honey Producers  
Co-op Limited**  
Alberta  
ccaines@beemaid.com  
001-780-962-5573

**Countryfields Beekeeping  
Supplies**  
Nova Scotia  
timpurdy@countryfields.ca  
001-902-576-3079

**Flying Dutchman**  
British Columbia  
flydutch@telus.net  
001-250-390-2313

**Propolis  
Quebec**  
defrance@propolis-etc.ca  
001-450-772-2637



**Fraser  
Auction  
Service Ltd.**  
Brandon, Manitoba

**SERVING BEEKEEPERS  
IN ALBERTA, SASKATCHEWAN,  
AND MANITOBA  
FOR OVER 20 YEARS**

If you are thinking  
of buying or selling,  
please call  
1-800-483-5856 or 204-727-2001  
Fax: 204-729-9912

or check our website:  
[www.fraserauction.com](http://www.fraserauction.com)



**BUY**  
Honey  
Wax  
Propolis

**SELL**  
Beekeeping Supplies  
Extracting Equipment  
Used Equipment

Distributors for some or all  
of the supplies

**Alberta**  
Alberta Honey Producers Coop..... 780-960-8010

**Manitoba**  
Manitoba Honey Coop..... 204-783-2240

**Maritimes**  
Claude Hachey..... 506-546-6687

**Ontario**  
Nicolo Honey..... 519-847-5333

**Quebec**  
Rejean Lambert..... 819-828-2549

**Saskatchewan**  
Tony Lalonde Sales..... 306-931-0155  
[tonylalondesales@sasktel.net](mailto:tonylalondesales@sasktel.net)

Bentley extractors  
Cowan extractors  
Swinger Forklift  
High Fructose Corn  
Syrup  
Sucrose Syrup  
Inland Plastic Winter  
Wraps  
TLS Bee Apparel  
Mahurangi Hiveware  
Bee Pro Pollen Supple-  
ment  
Mountain Bee Products  
- bee suits, veils  
Oxytrel  
Permadent  
Frames  
Supers painted and un-  
painted

Supers assembled and  
unassembled  
Lumber for supers  
Helmets  
Hive tools  
Hive lifters  
Smokers  
Honey containers  
Feeder pails  
Barrels  
Liners  
Barrel Grabber  
Barrel Carts  
Pallet puller



Tony Lalonde Sales Prt.  
Box 42, Clover Sk,  
Canada S0K 0Y0  
Ph: 306-931-0155  
fax: 931-1646

**VESPER  
TRANSPORT LTD.**



**BUY YOUR BARRELS NOW!**

Your Economical Solution for Delivering Standard  
and Conical drums wherever you need!  
Offering bee hauling in Canada and freight  
all over North America!  
Call now for a quote!

Office: 1-250-499-5773 | Fax: 1-250-499-5752  
Email: [vespertransport@hotmail.com](mailto:vespertransport@hotmail.com)

**BC Bee Supply**

Beekeeping supplies & equipment.



We buy and sell - beeswax - bee pollen - propolis

1-866-747-2407 [www.bcbeesupply.ca](http://www.bcbeesupply.ca)

**WIPE OUT YOUR MITE PROBLEMS**

Safe and least expensive method for applying formic acid to  
control bee mites in honeybee colonies. Available at your  
local beekeeping supplier or call:

Telephone (519) 847-5333 Fax (519) 847-5340

E-mail: [info@munrohoney.com](mailto:info@munrohoney.com)



**APINOVAR**

**Key Tool**

for an easy  
control  
of  
varroa

Now with  
stainless  
steel  
wire mesh  
and reinforced tray

Monitor easily

MADE IN CANADA



Treat efficiently by the "flash" method

distributors:

Propolis etc.  
Alberta Honey Producers  
Stanabbey

More information including  
IPM guide and schedule on our web site

[www.apinovar.info](http://www.apinovar.info)



# Hive Lights

## Help Wanted

### Interlake Honey Producers

Positions: 3 Apiary Workers for the 2019 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 – October 28th. Wages: \$12.94-\$16.00/hour depending on experience. Performance and/or production bonus may be available. Require one or more years of apiary work experience. Duties include but not limited to, feed and care for bees, replacement of hives, moving hives, supering hives, collecting honey, working on extracting line, cleaning extracting equipment and honey house, assembling and maintenance of bee equipment, maintain and drive vehicle. 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.  
Please apply to Box 328 Fisher Branch, MB R0C 0Z0 or email [anitag@interlakeforageseeds.com](mailto:anitag@interlakeforageseeds.com)

### Help Wanted: Kinistino, (SK)

Baconian Bee Farm Ltd,  
Located at 102 Ruttle Avenue in Kinistino, Saskatchewan, is looking for three employees for the 2019 honey crop season to fill the position of apiary harvest labourer. The job will commence on or about March 25, 2019 and conclude on or about October 25, 2019. Primary duties include, but are not limited to, moving colonies, feeding and medicating colonies, evaluating colonies, adding and removing supers from colonies, harvesting and extracting honey, storing honey and repairing bee equipment. Availability to work long hours, including week-ends and evenings is required. Previous experience would be an asset but is not a requirement as all employees receive the necessary training. Salary starting from \$11.15/hr for applicants with no experience and \$12.15/hr and up for experienced applicants based on levels of previous experience. Please forward all inquiries and resume to [dionebacon13@sasktel.net](mailto:dionebacon13@sasktel.net)

### Help Wanted: Shellbrook (SK)

Sand Hills Honey,  
PO Box 247, Shellbrook, SK. S0J 2E0  
April 1 to November 15, 2019. Dates may vary according to weather  
Beekeeper Labourers \$11.06/hr  
Beekeeper Technicians \$12.03/hr  
Apiary Supervisor \$14.52/hr (Min 4 yrs exp.)  
Bonuses may be awarded Primary work place is Sand Hills Honey, located 14.5 km South of Shellbrook. No previous work experience required for labourers, no education required, drivers licence not required but an asset. Job duties include but not limited to: assist with honey extraction, cleaning and maintaining hive equipment, unwrapping and wrapping hives, all training will be provided. email: [jasonrinias@hotmail.com](mailto:jasonrinias@hotmail.com)

### Help Wanted: Shellbrook (SK)

Hannigan Honey Inc. are hiring 12 Apiary technicians, NOC 8431, for full time (40+ Hrs/wk) seasonal employment (\$12.03 - 13.00 /hr experience pending), March through October 2019. Must have a minimum of 1yr (season) working full time on a Canadian style commercial apiary. Duties will include unpacking and repacking winterized hives; caring for the colonies; recognizing, reporting and monitoring hive health issues and applying appropriate treatment/ prevention methods; harvesting honey; build and repair bee equipment; must have valid driver's license; conduct bee yard maintenance; must be physically fit and able to bend, crouch, kneel and withstand heavy lifting.

4 Apiary workers, NOC 8431, for full time (40+ Hrs/wk) seasonal employment ( 11.06/hr) from March through October 2019. Applicants must be able to work in the presence of Honey bees; be mentally and physically fit; work well with others; able to follow instructions. Duties include unpacking and repacking winterized colonies; caring for honey colonies; assisting with harvest; assisting with bee yard maintenance; assist in building and repair of bee equipment; it is preferred if you have a valid drivers license.

Contact: Murray Hannigan by email: [Hanniganhoney@sasktel.net](mailto:Hanniganhoney@sasktel.net) or send resume to Box 367 Shellbrook, Sask. S0J 2E0

### Help Wanted: Aylsham (SK)

Apiary Technician for Valteau Apiaries Ltd @ Aylsham, Sk  
Must have 2 years beekeeping experience and valid driver's license

1 full time position available starting January 2019

Duties to include preparing bees for honey production, harvesting honey, preparing bees for winter, disease & pest monitoring, bee equipment construction and vehicle & building maintenance and any related duties. Some evenings and week-ends required. Wages starting at \$15.00 based on experience. Manual labour, heavy lifting.

7 positions available April to October, wages starting at \$14.50 based on experience Apiary labourer (no experience)

Duties to include harvesting and extracting honey, preparing bees for winter and any related duties

12 positions available July to September, wages starting at \$12.00

On the job training provided. Manual labour, heavy lifting. Located in a rural area.

Please do not apply if you have a bee sting allergy.

Located in a rural area. Mail resumes to Valteau Apiaries Ltd @ Box 7, Aylsham, Sk S0E 0C0 or fax 306-862-3682 or email [valteau.apiaries@sasktel.net](mailto:valteau.apiaries@sasktel.net)

### Help Wanted: Stony Plain (AB)

TPLR HONEY FARMS LTD. require three Apiary Technicians \$15.00-\$17.00/hr., five Apiary Workers \$15.00-\$15.75/hr needed full time (45+ hours/week) April-October 2018. Four Apiary workers, \$15.00-\$15.50/hr needed full time, 45+ hrs/wk July-September 2018 in Stony Plain, AB at TPLR Honey Farms Ltd. Accommodations provided. Some evening, night and weekend work. All applicants must be in good physical condition and able to work in a team environment. The Apiary Technicians must have a minimum of 2+ years (seasons) full-time in a Canadian style commercial apiary with a minimum of 1 years (seasons) working as an Apiary Worker or Apiary Technician. The Apiary Workers must be able to work in the presence of honey bees & will assist with honey bee colony management & honey extraction/processing. The Apiary Workers must have a minimum of 1+ years (seasons) of working in a Canadian style commercial apiary as an Apiary Harvester or Apiary Worker. TPLR Honey Farms Ltd., Tim Townsend, Stony Plain Alberta. [Tim@TPLRHoneyFarms.com](mailto:Tim@TPLRHoneyFarms.com)

### Help Wanted: Big River (SK)

West Cowan Apiaries Box 425, Big River, SK S0J 0E0 (SE 14-56-8 W3) is looking to hire the following for the 2019 Apiary Season.

Start Dates: April 3-October 24, 2019.

Two (2) Apiary Supervisors in Apiary - Minimum of 3 - 4 full seasons of apiary experience required.

Wage \$15.00 - \$20.00 per hour depending upon experience.

Job Includes: Must be able to work in the presence of honey bees and will assist with colony management; honey extraction and processing and queen-rearing. Recognize and report beehive health issues and apply appropriate disease cures or controls. Supervise and give direction to other employees. Keep field and production records and any other apiary jobs that are required.

Four (4) Apiary Technicians/Workers - Minimum of one to two full seasons of Apiary experience required. Wage \$12.10 - \$14.95 per hour dependent on experience.

Job includes: Wrapping / Unwrapping hives; Spring and Fall maintenance; feeding hives; creating nuc; queen rearing; supering; pulling honey supers (80+lbs) to the truck deck; extracting honey; moving bees; maintain bee yards and any other assorted duties with regards to apiary work.

Requirements for both jobs: No formal education is required but with at least Grade 12 education would be an asset. Valid driver's licence and have a vehicle to get back and forth to work. Experience driving standard trucks is an asset. Be in good physical condition and be able to work in a team environment. Employment details:

Seasonal and full time; minimum of 40+ hours per week. Training is provided on an ongoing basis. Most tasks are performed outdoors in all kinds of weather, and work is repetitive and physically demanding. Mail or deliver in person your resume with references to Postal address.

### Help Wanted: Surrey (BC)

Honeybee Centre is seeking 6 Apiary Technicians, (NOC 8431) for full time (40+hrs/ wk) employment (14.52/hr) from February 1 - September 30, 2019. Must have minimum of 3 years/ seasons working fulltime on a Canadian style commercial apiary in the min. capacity of Apiary Assistant or General Farm Worker. Duties include caring for Honeybees in the appropriate manner, coordinating the production of replacement bees & equipment; recognizing, reporting, monitoring hive health issues and applying appropriate treatment/ controls; harvest honey, pollen and bees wax; supervise small teams of workers; operate and maintain apiary equipment (including fork lifts, pumps, honey extractors); conduct bee yard maintenance. All applicants must be in good physical condition and able to work in a team environment. A valid driver's license may be required for some of the Apiary Technician positions. Positions do require some evening, night and weekend work. Please email a resume to Frank Schimunek at [frank@honeybeecentre.com](mailto:frank@honeybeecentre.com)

### Help Wanted: Austin (MB)

Full time seasonal Apiary/Farm foreman (NOC 8252) and Apiary Laborers or Workers (NOC 8431) positions available at Busy Bee Apiaries Ltd. honey farm near rural Austin, MB., Road Lane #63074 for the 2019 season.

Apiary/Farm Foreman (1 position) and Apiary Laborers or Workers (7 positions).

Apiary/Farm Foreman: April 1 - Oct.31/2019. Duties: supervisory duties, all apiary management like checking, medicating, feeding bee hives, queen & nuc production, harvesting/ extracting honey, maintenance of all kinds, transporting bee colonies, woodworking, organizing, clean-up, other duties as assigned. Must have valid drivers license and English writing and speaking skills. Wages: \$15.00-\$20.00/hour based on qualifications. Looking for a minimum of 5 years beekeeping experience.

Apiary Laborers or Workers: 2 positions, April 1-Oct 31/2019, 5 positions, June 1-Oct.15/2019.

Duties: All supervised hive management, like checking, medicating, feeding bee hives, queen and nuc production, harvesting/extracting honey, woodworking, clean-up, other duties as assigned. Wages: \$11.37-\$15.00/hour based on experience/ability. Drivers license an asset, No education requirements. Hours of work for all positions are generally Monday-Friday and Saturdays as required and 08:00-18:00 but longer if required.

Send resume to Busy Bee Apiaries Ltd. Box 358, Austin MB., ROH OCO, or email: [pilotman1977@gmail.com](mailto:pilotman1977@gmail.com)

### Help Wanted: Langenburg (SK)

6 Apiary Technicians available from February 2019 to October 2019.

The work is physically demanding and the wages are \$18.00 negotiable on experience.

Required Skills:

- Help with Spring check, do hive assessment
- Help with pest and disease control
- Help with Queen Raising, grafting, building, maintaining nucs

- No education required, but 2 years beekeeping experience required

14 Beekeeper's Assistants seasonal: F-T \$14.00 an hour depending on experience.

We require help in all work related to the production of honey.

Duties include:

- Making brood chambers
- Honey removal
- Feeding bees
- Wrapping bees
- Some woodwork is involved

Mail, fax or email your resume to: Glory Bee Honey, P. O. Box 878 Langenburg, SK S0A 2A0 Attn: Dennis Glennie Phone: 306-743-5469. Fax: 306-743-2817 Email: [dennisglennie@sasktel.net](mailto:dennisglennie@sasktel.net)

### Help Wanted: East Selkirk (MB)

Apiary Supervisor 1 position (NOC 8252) Minimum 3 years beekeeping experience preferred. Wage range \$13.37-\$16.50 per hour. Employment from March 1/2019 to October 31/2019 Apiary Technician/ Workers 3 positions (NOC 8431) \$12.00 -13.50 per hour . Employment from March 1/2019 October 31/2019. Minimum 1 year experience required.

Seasonal full time, days, evenings, Saturdays. Language is English. Duties would be to handle, feed and care for bees; help in replacement of hives and production of nucs; move hives; collect honey; maintain and drive vehicles; maintain bee yard; manufacture, assemble and maintain beehive equipment; maintain and



**THANK YOU FOR  
BEE-ING  
AWESOME!**



**WE WOULD LIKE TO SAY  
THANK YOU TO OUR  
CUSTOMERS AND HERE'S TO  
A WONDERFUL 2019!**



Stay **UP-TO-DATE** with our new products by downloading  
our **HONEY CATALOGUE** at [www.dominiongrimm.ca](http://www.dominiongrimm.ca)  
New products are **ALWAYS** being added!!

D&G supports Canadian manufacturers!

[jenny@dominiongrimm.ca](mailto:jenny@dominiongrimm.ca)

**1 877 676 1914**



ODEM INTERNATIONAL INC.  
**YOUR PARTNER  
IN SALES**



**WE BUY HONEY & WAX**

ASK FOR ADAMO, SÉBASTIEN OR NORMAND  
1 800 567-3789 | [info@honey.ca](mailto:info@honey.ca) | [odem.ca](http://odem.ca)

Proud sponsor of the Canadian Honey Council



**Honey Wanted**

FOR CURRENT MARKET CONDITIONS

CALL

1-800-265-4988

**Trusted By Beekeepers  
for Over 50 Years!**

McCormick Canada,  
600 Clarke Road, London, On.  
N5V 3K5

Fax: 519-673-0089

[www.billybee.com](http://www.billybee.com)

Have a honey of a day!

**Miel Labonté Honey Inc.**



**HONEY WANTED**

530, rang Nault, Victoriaville, Quebec, Canada, G6P 7R5

PH: (819) 758 3877 FAX: (819) 758 9386

[jm.labonte@labonteinc.com](mailto:jm.labonte@labonteinc.com)

**Certified Honey Drums**

Industry Standard - Double Rib

**New or Reconditioned**

**New Rings - Bolt or Lever Style**

**For ordering, please contact:**

Oaknook Honey Products Ltd.  
Ph: (204) 548-4060  
Em: [info@oaknookhoney.com](mailto:info@oaknookhoney.com)



operate other apiary related equipment; Must be able to handle heavy loads, and work is physically demanding. Must work well with others, as well as the ability to maintain basic production records. Report to Supervisor. Would require steel toed safety boots. Send resume by email to philip@waldbee.com. Address: Waldbee Honey Farms Inc. Box 9 Group 19 RRI, East Selkirk, MB. ROE OMO

#### Help Wanted: Ethelbert (MB)

WEST 10 HONEY LTD, PO Box 205, Ethelbert, MB R0L 0T0 has the following positions available:

##### APIARY TECHNICIAN (10)

Wage: \$13.15- \$16.00. Dates Required: March 1, 2019 for a 2 year Term position. Minimum 3 years experience preferred.

Duties: Handle and feed hives; Replacement of hives and production of nucs; Detect and report hive health and apply correct disease cures and/or controls; Keep field and/or production records; Harvest honey; Raise queens; Drive and maintain vehicles; Other duties as assigned.

THE POSITIONS: Seasonal full time, days, evenings, Saturdays as required; Medical Benefits; Language is English and Spanish; Must have own transportation; Must be able to handle heavy loads as work is physically demanding; Must work well with others and be able to learn continuously.

Send resume by mail to above mailing address or by email to [workatwest10@gmail.com](mailto:workatwest10@gmail.com).

#### Help Wanted: Tees (AB)

\*TEES BEES INC.\* 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 2019 (\$15-\$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.

Three APIARY WORKERS (NOC 8431) with a minimum of 1 year (season) experience and with employment March thru October 2019 (\$15-\$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 RRI, Tees, AB T0C 2N0; or email at [teesbeesinc@gmail.com](mailto:teesbeesinc@gmail.com)

#### Help Wanted: Granum, Alberta

SUPERNUC APIARIES located near Granum, AB (M.A. 251032 TWP RD 104) has the following positions for the 2019 season.

APIARY WORKERS (Technician/worker NOC 8431) 4 positions; wage starting at \$15.00/hr (or current wage according to NOC code), needed full time (45+ hrs/wk) from Mar 1, 2019 through October 31, 2019. Some evening, night and weekend work will be required. Accommodations are available. 1 year experience required. Duties include assisting with beehive maintenance and treatments, building and repairing bee equipment, moving hives, harvesting and extracting honey, and winter preparation. All wages are negotiable based on experience and productivity. A valid driver's license and the ability to speak English is an asset. Must be physically fit and accustomed to working with honeybees.

Email resumes to [aovinge@gmail.com](mailto:aovinge@gmail.com) or fax to 403-687-2154.

#### Help Wanted: Mission (BC)

Apiary Workers

Golden Ears Apiaries Inc. requires 9 Apiary Technicians (NOC 8253) at \$14.52/hr starting Feb 1, 2019 until Nov 15, 2019, working 40+ hrs/wk. Apiary Technicians must have a minimum 3 seasons working full-time (40+ hrs/wk) in a Ca-

nadian style commercial beekeeping operation, and must have a good understanding of honeybee management and have the ability to independently assess hive health and make decisions regarding individual hive management. We also require 6 Apiary workers (NOC 8431) at \$13.83/hr working 40+ hrs/wk, from March 1, 2019 to Nov. 15/2019. Apiary workers must have a minimum of 1-2 seasons working in a Canadian style commercial apiary as an Apiary harvester. Apiary Workers will be required to assist Apiary Technicians with day to day colony management, extracting and honey processing. All positions do require some evening, night and weekend work. All applicants must be in good physical condition and able to work in a team environment. English is an asset as well as a valid driving license. Work will be in southern BC ( Fraser Valley), and Elk Point Alberta. Accommodations available. Contact Carolyn Shipley at 33197 Ito Place, Mission, BC. V2V-3W7. Or by email at [jmshipley@shaw.ca](mailto:jmshipley@shaw.ca).

#### Help Wanted: Wetaskiwin (AB)

\*Pleasant Valley Honey LTD.\*\* (SW 15 46 27 W4) requires\*:

Four 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 November 2019 (\$15-\$19/hr depending on exp.) (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.

Six APIARY WORKERS (NOC 8431) with a minimum of 1 year (season) experience and with employment March thru November 2019 (\$15-\$17/hr depending on exp.) (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 Ryan Olthof at 272072 Highway 13, Falun, AB;

mail to RRI, Wetaskiwin, AB T9A 1W8;

or email at [pvhpbears@gmail.com](mailto:pvhpbears@gmail.com)

#### Help Wanted: Fort Macleod (AB)

POELMAN APIARIES LTD. located near Fort Macleod, AB (102007A Range Rd 254) has the following positions available for the 2019 season:

6 SUPERVISORS (SKILLED WORKER, NOC 8253)

with a minimum of 5 years(seasons) experience working at a Canadian apiary. Employment needed from March through October 2019; wage starting at \$15.00 - \$17.50 (depending on exp. with possible bonus) (40 + hrs/week). Duties will 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 of vehicles; operate and maintain other apiary equipment; conduct bee yard maintenance.

15 TECHNICIAN/WORKERS (LOW SKILL WORKER, NOC 8431) with a minimum of 1-2 years experience. Employment needed from April through November 2019; wage starting at \$15.00-\$16.50(dependent on exp. with a possible bonus) (40 + hrs/week). Duties will 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.

2 GENERAL FARM LABOURERS (LOW SKILL WORKER, NOC 8431) experience is an asset but will be trained. Employment needed for April through November 2019; wage starting at \$15.00 per/hour (with possible bonus) (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.

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 eve-

ning, 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](mailto:pollenpal@gmail.com) attention Poelman Apiaries or fax to 403-687-2410 or mail to Box 1887 Fort Macleod, AB T0L 0Z0.

#### Help Wanted: Argyle (MB)

Grysiuk Apiary Inc., 5 Full time seasonal apiarists 2019.

Full time seasonal apiarists, wages are \$12 to \$15 per hr. depending on exp. job is physically demanding, must help with wrapping, feeding, making nucs, supering, pulling honey, honey extraction, medicating hives, and winter preparation.

Please call Cal Grysiuk, ph./fax 204-831-7838,

Email [acgrysiuk@shaw.ca](mailto:acgrysiuk@shaw.ca), or mail:

Grysiuk Apiary Inc. 83 Acheson Dr. Winnipeg, MB R2Y 2E8.

#### Help Wanted: East of Saskatoon (SK)

Meadow Ridge Enterprises Ltd requires 5 Seasonal Apiary Harvest Labourers for the 2019 season. Meadow Ridge Enterprises is commercial beekeeping and queen rearing operation. 5 full time seasonal positions are needed commencing in April and ending in October. Minimum one year beekeeping experience, with wage starting at \$12.00 - \$16.00 per hour dependent on experience. Potential to earn bonuses. Duties include: spring feeding, hive maintenance, grafting, raising new queens and building nucs. Supering hives, harvesting honey, extraction of honey, fall feeding, wrapping of colonies, equipment cleaning, repairing and yard maintenance. Must be able to work long hours, weekends and holidays in all kinds of outdoor weather. Job requires heavy lifting, and a valid driver's license. Meadow Ridge Enterprises is located 10 miles east of Saskatoon. Please email resumes to [a.j.robertson@sasktel.net](mailto:a.j.robertson@sasktel.net)

#### Help Wanted: Souris (MB)

3 Apiary Workers (8431) for the 2019 season, April 1-Oct.31/19 Wage \$13-\$15. hr. depending on experience. 1-2 years experience preferred.

Drivers license an asset. Must be able to operate a Fork Lift. Duties include. feeding, unwrapping beehives, moving beehives to summer locations, queen checking, disease inspection, supering hives, pulling and extracting honey, fall feeding, moving hives to winter locations, wrapping hives for winter. Requires heavy lifting. Please send resume: Harlton Apiaries (Irwin Harlton) Box 644 Souris, MB. R0K 2C0 email: [iharlton@mymts.net](mailto:iharlton@mymts.net) Phone 204-483-2382

#### Help Wanted: MacNutt (SK)

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.

12 full-time positions available at Wendell Honey in 2019

- Apiarist Technician (NOC 8252)
- o help with Spring check, hive assessment and manipulation
- o help with pest and disease control
- o help with grafting, making nucs and raising queens
- o assemble equipment
- o help super hives
- o help harvest honey
- o help keep field production records
- o help maintain beeyards
- o help with Fall feeding, assessment and treatments
- o help to wrap bees
- o other duties as assigned

• Positions available from April 8, 2018 to mid-October 2018

• Min. 2 years of experience working with bees necessary

• Work is physically demanding

• Wages \$15.00-\$21.00 per hour depending on experience with Wendell Honey

• Possible production bonus

Email Isabel Wendell at [isy@wendell.ca](mailto:isy@wendell.ca) for fax 204-564-2568 or phone 204-937-7767

12 full-time seasonal positions available at Wendell Honey in 2019

- Apiary Worker (NOC 8431) to
- o assemble equipment
- o help super hives
- o help harvest honey
- o help maintain beeyards
- o help with Fall feeding
- o help to wrap bees
- Positions available from May 13, 2018 to mid October 2018
- No experience necessary
- Work is physically demanding



**Early Queen Arrivals**  
Providing queens to beekeepers since 2001

**Queens from Australia, California and Hawaii**

- plan now for 2019
- order early to ensure your requests
- quality service and reasonable pricing for early season: splits, re-queening or pollination needs
- shipping from Toronto
  - by air (Air Canada) to major Canadian centres
  - by courier (Priority Post) to Ontario destinations

Arrival dates through April and May. Confirm final orders by mid February.

Contact Peter Mewett | Phone: 613.395.3225 | Fax: 613.395.1835  
Email: pmewett@hotmail.com | www.earlyqueenarrivals.com



**POELMAN APIARIES** Ltd.

We render and purchase all grades of beeswax. We sell wax, pollen, and metal lids cut to your specs.

Jerry Poelman  
Ph: 1-403-687-2440  
pollenpal@gmail.com  
www.palbee.ca

**Saskatraz Breeding Stock Available in 2019**

Queen cells from tested Saskatraz breeders (\$20). Closed population mated breeder queens (\$300), out crossed breeder queens (\$100) Saskatraz stock carrying VSH trait also available as queen cells, in Saskatraz hybrids and breeder queens in 2019.

Saskatraz Hybrid production queens available April 15th to August 15th (\$30 US). These hybrids will produce pure Canadian Saskatraz drones for stud use. All breeding stock tested and certified. Limited number of nucs available in 2019 with Saskatraz hybrid queens. See www.saskatraz.com for breeding information and updates.

Saskatraz stock bred in Saskatchewan for honey production, wintering ability and resistance to mites and brood diseases.



Email: a.j.robertson@sasktel.net  
Phone: (306)-373-9140 Cell: (306)-270-6627  
for prices and availability.

# Oxalic Acid Vaporizer



[www.VMelinator.com](http://www.VMelinator.com)



**Lewis & Sons**  
Enterprises Ltd.

BOX 316, AUSTIN, MANITOBA  
Toll-free 1-866-800-2077  
Phone: (204) 637-2277 Fax: (204) 637-2033  
Murray or Adam Lewis

**QUALITY WOODENWARE BOXES, FRAMES, ETC., AND PINE LUMBER**  
Unassembled, Assembled and/or Wax-dipped  
Food-Grade Finish

Also available at all "BeeMaid" Bee Supply Outlets

Call for Pricing  
Please order well in advance.

**BEEKEEPERS BUILDING FOR BEEKEEPERS.**

• Wages \$12.00 - \$15.00 per hour depending on experience with Wendell Honey  
• Possible production bonus  
Email Isabel Wendell at [isy@wendell.ca](mailto:isy@wendell.ca) for fax 204-564-2568 or phone 204-937-7767

### Help Wanted: Delta (BC)

CASPIAN APIARIES INC is seeking 15 seasonal full time (40+ hrs/week). Apiary Workers (NOC 8431) \$13.83/hr for the 2019 season. 5 Workers for Feb 1 to Aug 31. 5 workers for March 15 to Sept 30. 5 workers April 10 to Nov 1. There is evening, night/weekend work. Applicants must be in good physical condition and be able to work in a team environment. Duties include handling, feeding and caring for honeybee colonies, assisting in the production of nucs and/or replacement hives, diagnose and treat hive health issues, moving hives to and from pollination, collecting/extracting honey, as well as bee yard maintenance and the manufacture, assembly and the maintenance of hive equipment. Work is in the Fraser Valley of BC until the end of blueberry/cranberry pollination, then colonies may be moved to NE Alberta for honey production, working in Alberta till hives return to BC starting mid September. Applicants must have a minimum of 1 year experience in commercial migratory beekeeping. Applicants should send resumes to Hossein Yeganehrad by email at [10473 Main st., Delta, BC V4C 2P7](mailto:10473 Main st., Delta, BC V4C 2P7), or email to [jmshipley@shaw.ca](mailto:jmshipley@shaw.ca)

### HELP WANTED: Rocanville (SK)

#### APIARY TECHNICIAN

5 seasonal positions available from April 21 - October 21 (2019). Reporting to work at B. Strong Apiaries Ltd. 1 mile south west of Rocanville, Sk. (NE 17-16-31 W1)

Wages dependent on experience (\$14.28 - \$17.00) Possible production bonus at end of the season.

Duties include but are not limited to; Unwrapping/wrapping 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, keeping accurate and up to date yard records, etc.

Requirements;

-Minimum of 2 years beekeeping experience.

-Must not be allergic to honey bee 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

5 seasonal positions available from April 21 - October 21 (2019). Reporting to work at B. Strong Apiaries Ltd. 1 mile south west of Rocanville, Sk. (NE 17-16-31 W1)

Wages dependent on experience (\$13.00 - \$15.00) 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, wrapping and feeding hives, safely securing truckloads of honey/equipment, etc.

Requirements;

-Must not be allergic to honey bee 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

5 seasonal positions available from July 3rd - September 15 (2019). Reporting to work at B. Strong Apiaries Ltd. 1 mile south west of Rocanville, Sk. (NE 17-16-31 W1)

Wages dependent on experience (\$13.00 - \$15.00) 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, painting of honey supers, etc.

Requirements;

-Must not be allergic to honey bee 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 Brian Strong @ [bdstrong@sasktel.net](mailto:bdstrong@sasktel.net) or fax resume to (306) 645-4591

### Help Wanted: Ardmore (AB)

TNT Apiaries require:

An APIARY FOREPERSON (NOC 8252) for immediate full-time (40+ hrs/wk) year round employment (\$19.00-\$25/hr depending on experience. Bonuses possible). Applicant must have a minimum of 5 years (seasons) fulltime 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.
- Co-ordinating 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 maintain 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 8431) for full time (40+ hrs/wk) employment (\$17.00-\$22/hr depending on experience. Bonuses possible) December 2018 thru October 2019. Must have a minimum of 2 years (seasons) working fulltime 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.

- Co-ordinating the production of replacement bees & equipment.

- Recognizing, reporting, monitoring hive health issues and applying appropriate treatment/controls.

- Harvest & package honey, pollen & beeswax.

- Supervise small teams of workers.

- Drive (including std transmission & medium duty trucks) & daily maintain vehicles.

- Operate & maintain other apiary equipment (including forklifts, chainsaws & pumps).

- Conduct bee yard maintenance.

- Keep some field and/or production records.

6 APIARY WORKERS (NOC 8431) for full time (40+ hrs/wk) employment (\$15.00-\$19.00/hr. depending on experience. Bonuses Possible) January thru October 2019. 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 & equipment.

- Assisting with harvesting honey, pollen & beeswax.

- Assisting with the bee yard and equipment maintenance.

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. A motor vehicle Operator's license with no serious infractions, recognized by the Province of Alberta & major insurance companies, is required for the Foreperson position and preference will be given to those Technician & Worker applicants holding one.

Contact Dave Tharle, 44116 - Hwy 659, Ardmore, AB or Box 80, Ardmore, AB. (Fax 780-826-6013) Email: [tnapi@mcnet.ca](mailto:tnapi@mcnet.ca)

### Help Wanted : Nipawin, SK

Yves Garez Honey Inc, P.O Box 2016, Nipawin, SK, SOE 1E0 seeks employees

for the March 2019 to October 2019 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.

8 Apiary Technicians (NOC 8252) with 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 \$ 15.00 to \$ 20.00 per hour, depending on experience.

-8 Apiary Workers (NOC 8431) without experience. We will train successful applicants in bee yard maintenance and hive manipulations. Wages \$ 11.00 to \$ 14.00 per hour. email: [y.garez@sasktel.net](mailto:y.garez@sasktel.net)

### Help Wanted: MacGregor (MB)

12 SEASONAL BEEKEEPERS (Applicants must be perma-

nent residents or citizens of Canada only)

5 Apiary Technicians, wage range \$13.00-\$16.50 per hour

7 Apiary Workers, wage range \$12.00-\$13,50 per hour. Expected employment duration (Feb 1- Oct 31, 2019) one position of Apiary technician (Feb/19 to Jan31/21)Start/end dates are flexible due to the season. Valid driver's license an asset, previous experience working with honeybees is necessary for technicians and recommended for apiary workers. Candidates must be willing to work flexible hours in a fast paced, repetitive & physically demanding environment.

Duties include: assess, feed, and medicate honeybee colonies, remove/extract honey, split/balance/relocate colonies, clean/collect pollen, build/repair beehive equipment, and perform routine light maintenance on machinery/vehicles.

Contact: Nichol Honey Farm Ltd., Box 461, MacGregor, MB, R0H0R0, Phone (204) 252-2770, Fax (204) 252-2129, or email: [nicholhoney@yahoo.ca](mailto:nicholhoney@yahoo.ca)

### Help Wanted: Kinistino, SK

Apiary Harvest Labourers and Apiary Harvest workers required for seasonal work in a commercial honey production and bee rearing operation for the 2019 season.

Three Apiary Harvest Labourer positions available for 5-7 months (starting no earlier than February). Labourers 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. Knowledge of the industry, a valid drivers licence and English speaking skills an asset but not mandatory. Wage starts at \$11.10/hr with subsidized housing option, transportation and potential for bonuses based on performance, attitude and character.

Three Apiary Harvest worker positions available for up to 8.5 months (Feb to November). Apiary Harvest 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. Canadian beekeeping industry knowledge, 1 year experience, valid drivers licence and English skills required. Wage starts at \$12.15/hr with subsidized housing option, transportation and potential for bonuses based on performance, attitude and character. Availability to work long hours, evenings/nights, holidays and weekends is required for all positions. Work is faced paced and physically demanding with heavy lifting. Must be able to work in all weather conditions. Email resume and cover letter with references to B's Bee Ranch Inc at [beeranch@sasktel.net](mailto:beeranch@sasktel.net)

### Help Wanted: Pitt Meadows (BC)

Honeyland Canada located in Pitt Meadows, British Columbia is seeking for 2 apiary technicians (NOC 8431) for the 2019 seasonal fulltime employment (\$15-17/hr depending on experience) starting March 01 and 1 honeybee farm manager (NOC 8252) for fulltime year round employment (\$23-26/hr depending on experience). Eligible for comprehensive benefit program following 3 months of work. Accommodations available.

Preference will be given to candidates with experience in queen rearing/production of royal jelly. Candidates can apply by emailing your resume to [Honeylandcanada@gmail.com](mailto:Honeylandcanada@gmail.com)

### Help Wanted: Sexsmith (AB)

Moondance Honey Inc. located at 55063 TWP RD 750, Sexsmith, AB has the following positions for the 2019 season. Beekeeper Technician (NOC 8431)-3 seasonal positions, 3 full time. Wages \$16 - 18.50/hour depending on experience. Duties include hive management, queen introduction, nuc production, pest/disease recognition and treatment, hive supering, honey removal and extraction, equipment construction and repair, and winter hive preparation. Apiary Worker (NOC 8431)-3 seasonal positions, wages \$15-16/hour, depending on experience. Minimum of 1 year experience or equivalent training program. Duties include assisting beekeeper technicians with spring hive management, nuc production, supering, honey lifting and extraction, moving hives and feeding and wrapping hives for winter. Seasonal positions run from mid-April to mid-October. Apply to [termeerbill@yahoo.ca](mailto:termeerbill@yahoo.ca) or fax resume to 780-833-5747.

### Help Wanted: Zenon Park (SK)

10 Apiary Workers (NOC 8431) with a minimum of 2 years experience working at a Canadian apiary.

- Start date March 1st 2019 to October 2019.

-Wage starting at \$14-\$18 (depending on experience) (40+hrs/week).

-Job duties include but not limited to:

▶ **pag. 28**

- Working outdoors in all Canadian climates. (snow, rain, hot sun)
- Assist with the needs of a colony at every point of the season.
- Assist in recording apiary data and process data to organize equipment for following apiary visits.
- Assist to apply colony treatments in appropriate manner/timing.
- Make nucs and care for new queens.
- Assist in raising queens.
- Work to keep a clean work environment.
- Work in Supering, harvesting honey, maintaining old/new hive equipment, feeding, cutting grass, building bear fences, moving bees and filling barrels.

Applicants must be in good physical condition. Ability to work with bees. Ability to speak english is an asset. Drivers license is also an asset. Weekend/evening work when required. Apply by Dec 15th 2018

10 Apiary Workers (NOC 8431) no experience required.

- Start date June 15th 2019 to September 15th 2019.
- Wage starting at 13\$
- Job duties include but not limited to:
  - Cleaning,harvesting/extracting honey, maintaining old/new hive equipment, feeding,cutting grass, filling containers.

Applicants must be in good physical condition. Ability to work

with bees. Ability to speak english is an asset. Drivers license is also an asset. Weekend/evening work when required. Apply by Dec 15th 2018.

Send resumes to [moyenhoneyfarms@gmail.com](mailto:moyenhoneyfarms@gmail.com) or by mail to Moyen Honey Farms P.O Box 249 Zenon Park,Saskatchewan S0E1W0

#### Help Wanted: Austin, MB

New Rutherford Apiaries (4647204 Manitoba Ltd) located north-west of Austin, MB in the RM of North Norfolk (69033) requires two full time, seasonal Apiary Workers for the 2019 season. Available March 20, 2019 to November 5, 2019. Duties include helping with: honey harvesting and extracting, feeding and medicating hives, moving hives, making hive increases, queen rearing, building hive equipment, bee yard maintenance, and clean-up. Must have at least one season of beekeeping experience. Work is physically demanding, often in a very hot environment with weekend and evening hours required.

Wage rate of \$12.00 - \$15.00/hour depending on experience.

Apply to: Mike Lewis at: [mike-beehive@hotmail.com](mailto:mike-beehive@hotmail.com)  
 ph: (204)466-2551 fax:(204)466-2894

#### Help Wanted: Kinistino, (SK)

Position 1 - Bacon Apiaries Ltd, located in Kinistino, Saskatchewan, is looking for an Apiary worker for the 2019 honey crop season. The job will commence approximately on March 15, 2019 to Oct 31, 2019. Primary duties (but may not be limited to) includes moving hives, feeding and medicating colonies, evaluating colonies, supering hives and harvesting honey, extracting and storing of honey and repairing bee equipment. Availability to work long hours, including week-ends and evenings is required. Salary starting from \$11.90/hr to \$ 13.00/hr depending on experience

Position 2 - Bacon Apiaries Ltd, located in Kinistino, Saskatchewan, is looking for 5 Honey harvester labourers for the upcoming 2018 honey season. Job duties include 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 and putting them into supers, stacking them away, making new honey equipment and repairing existing honey equipment. Employees hours will be 40-60 hours/week (5-6 days) with wages starting at 11.00/hr to \$13.00/hr depending on experience.

Employment from July to September 24th 2019.

Send resume to [rbacon@sasktel.net](mailto:rbacon@sasktel.net)



**Paradis Honey Ltd.**

Box 99  
 Grouxville, AB  
 T0H 1S0 Canada  
 Ph: 780-323-4183

Fax: 780-323-4138  
[www.paradishoney.com](http://www.paradishoney.com)  
 E-mail: [mikelise@serbnet.com](mailto:mikelise@serbnet.com)

**WE PURCHASE AND  
 RENDER BEESWAX.  
 CALL MIKE FOR  
 PRICES**

*Rendering beeswax for over 50  
 years...*

## Chilean Package Bees and Queens

**Tube Style Packages - Carniolan Stock Queens  
 Registered Tube Design for Faster, Fresher, BEES!**

**For ordering, please contact:**

Oaknook Honey Products Ltd.  
 Ph: (204) 572-7685  
 Ph: (204) 648-5064  
 Em: [info@oaknookhoney.com](mailto:info@oaknookhoney.com)



Bees need both protein and carbohydrate for good build-up and large honey crops.

Feed protein patties in spring to ensure colony health, maximum build-up and maximum production

**Be ready this spring. Save time, money, hassle and mess.**

**Call now and order**

## Ready-Made Pollen Patties

**made to your specifications**

**Global** is faster, better and cheaper than your other options.

Order one of our standard formulas using yeast, soy, pollen\*, sugar and Latshaw's vitamin & mineral supplement or request your own recipe and patty size.

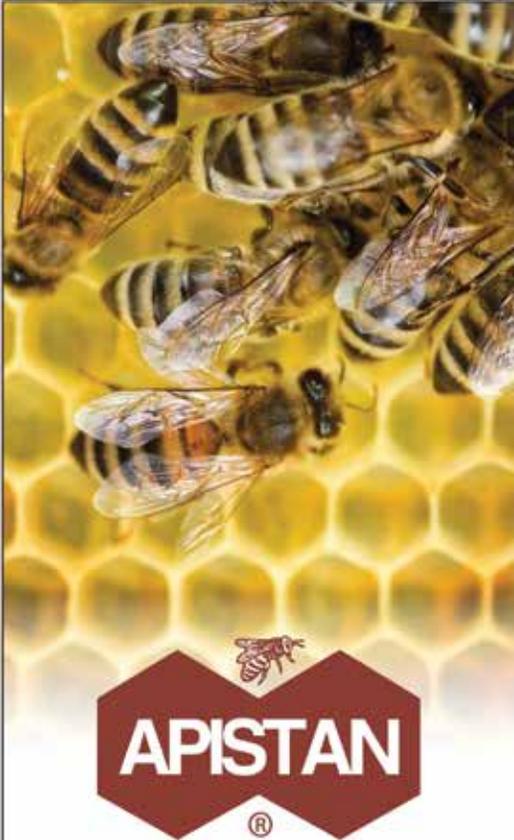
We'll supply all the ingredients, or use our supplies you provide.

**Call Mike at 1-866-948-6084 today  
 or email [Mike@globalpatties.com](mailto:Mike@globalpatties.com)**

**Global Patties** can be delivered in boxes or on pallets

*Visit us at [www.globalpatties.com](http://www.globalpatties.com)*

\*Pollen in our formula is irradiated by Iotron for prevention of bee disease



# A BEE'S BEST DEFENSE AGAINST THE VARROA MITE

Apistan® anti-varroa mite strips are an essential part of any varroa mite control program.

- The convenience of no-mess strips.
- Easy-to-follow application.
- Fluvalinate, the active ingredient in Apistan® is released at a constant, controlled rate, targeting varroa as they emerge from brood cells.
- Tough on mites. Gentle on bees.
- Won't leave a residue in honey.
- Economical, Health Canada approved varroa miticide.

For additional information, contact your favourite bee supplies company or call 1-800-688-7378.

Always read and follow label directions.

Apistan and Apistan with design are registered trademarks of Wellmark International. ©2002, 2009, 2012 Wellmark International.

10242012

PROUDLY OWNED BY CANADIAN BEEKEEPERS

## BeeMaid



Canada's  
beekeeping  
source

We can handle your sugar requirements. Dry or liquid – small lots or trailer loads.

Bee Maid buys light and dark beeswax at competitive prices.

### TOP QUALITY PRODUCTS FOR BEEKEEPERS

- |                              |                    |                            |
|------------------------------|--------------------|----------------------------|
| • Foundation                 | • Hive Equipment   | • Extracting Equipment     |
| • Queen Rearing Supplies     | • Novelties        | • Medications & Treatments |
| • Beekeepers Apparel & Tools | • Honey Containers | • Packaged Bees & Queens   |

Contact your nearest outlet:

**Bee**Outfitters

**Manitoba Cooperative  
Honey Producers**  
625 Roseberry Street  
Winnipeg, MB R3H 0T4  
204.783.2240 ext. 228

**Bee Maid  
Honey**  
Highway #3  
Tisdale, SK S0E 1T0  
306.873.2521

**Alberta Honey  
Producers Co-operative**  
70 Alberta Avenue, Box 3909  
Spruce Grove, AB T7X 3B1  
780.962.5573

Shop online at:  
[www.beemaidbeestore.com](http://www.beemaidbeestore.com)  
[www.beemaid.com](http://www.beemaid.com)

# HEALTHY BEES ARE OUR PRIORITY



Healthy bees start with quality ingredients, and we at Mann Lake ensure that your bees receive only the best. Put your bees on track to overall vitality and well-being by using our premium products such as Ultra Bee Pollen Substitute, Pro Health Feeding Supplement and ProDFM Direct Fed Microbials. Accept nothing less for your bees.

**MANN LAKE**  
WE KNOW BEES

**800-880-7694**  
**www.mannlakeltd.com**

Hackensack, MN • Wilkes-Barre, PA • Woodland, CA • Marshall, TX

\*Free shipping applies to most orders over \$100 sent standard ground service within the lower 48 states. Prices are subject to change without notice.

Proud sponsor of the Canadian Honey Council