

AUSTRALIA'S

# HONEYBEE NEWS

"The Voice of the Beekeeper"  
[www.nswaa.com.au](http://www.nswaa.com.au)

Volume 14 Number 3  
May - June 2021



***Inside:***

***Australia's Purple Hive Pg 29***

***Tocal College Beekeeper Training Pg 33***

***New Corona Virus Rapid-testing Method Pg 37***

# DENMAR APIARIES

## ITALIAN

Prices effective from May 2021

### UNTESTED

1-10 ..... \$34.00 each

11-49 ..... \$30.00 each

50+ ..... \$26.00 each



**Join now**

**and isolated mated breeders = \$600.00**

**TERMS 7 DAYS**

*Late Payments - Add \$4 Per Queen*

**PAYMENT BY: Cheque or Direct Debit**  
*Details on ordering*

## QUEEN BEES

**PO Box 99 WONDAI Queensland 4606**

**Phone: 0448 690 064 Email: ausbee4@hotmail.com**



A home fit for a Queen  
Give your bees the best  
Australian owned & manufactured  
Quality Hoop Pine



### Manufacturers of Quality Woodware from Australian-Grown Hoop Pine

- Buying all grades of wax
- Large range of beekeeping supplies

- Phone, Email and Bulk Orders welcomed
- Postage and freight options available

#### Manufacturing & Supply

806 River Road  
Kingsley Q 4610  
Main 0427 946 614  
0429 130 167

bbeesupplies@bordersnet.com.au



#### Supply Outlet

Shed 9B Industrial Avenue  
Morayfield Q 4125  
Main 0484 598 580  
0411 251 901

bbeesuppliesmorayfield@hotmail.com

Website: [www.burnettbeekeepingsupplies.com.au](http://www.burnettbeekeepingsupplies.com.au)

### PROTECT YOUR BEEHIVES WITH WAX!

#### Paraffin + Microcrystalline wax

Hot dipping with a 50/50 mix of paraffin and microcrystalline  
is an efficient steriliser and protector against rot.

**bulk wax at wholesale prices!!**

View the full product range on-line

\*WAX \*moulds \*wicks \*tea light cups \*wicks and more...

**[www.candlemaking.com.au](http://www.candlemaking.com.au)**  
**02 9653 3600**



Personal shoppers welcome  
at our warehouse in Arcadia, in Sydney's rural north.  
Always interested in purchasing local beeswax.

## HONEY Down Under

**Lloyd & Dawn Smith**

**Committed to maximising returns to beekeepers**

### Honey & Beeswax for sale? Call us for a quote

Phone 07 3271 2830 Fax 07 3376 0017  
Mobile 0418 786 158

136 Mica Street, Carole Park Qld 4300  
Email: [hdunder@bigpond.net.au](mailto:hdunder@bigpond.net.au)

**Cover:**  
***The Future of Beekeeping***  
***Photo: Brett Bingley***





# AUSTRALIA'S HONEYBEE NEWS

The official Journal of the NSW Apiarists' Association (NSWAA) [www.nswaa.com.au](http://www.nswaa.com.au)

Published Bi-Monthly Email: [honeybeenews@icloud.com](mailto:honeybeenews@icloud.com) ISSN 1835 6621

## CONTENTS

Executive & Industry Contacts	Page 4	Total College Beekeeper Training	Page 33
President's Report	Page 5	Almond Pollination Hive Requirements	Page 33
BICC Update	Page 5	Trade Show Exhibitors	Page 34
NSWAA Executive Responsibilities	Page 6	NSWAA Partners	Page 35
NSWAA Honour Roll	Page 8	EPA Ordered to Ban Pesticide	Page 36
Newest Life Member	Page 11	Condolences	Page 36
Honey Bee Communication	Page 15	Position Vacant	Page 36
Burnt National Park Bee Sites	Page 17	New Corona Virus Rapid-Testing Method	Page 37
Australian Bee Congress Save the Date	Page 18	2021 Conference Photos	Page 38
Technical Specialist, Honey Bees Report	Page 27	Friends of AHBIC	Page 42
Australia's Purple Hive	Page 29	AHBIC Update	Page 43
Kangaroo Island Honey Bees	Page 30	Beekeeper Journals / Advertisers	Page 46
Bee Biosecurity Officer Report	Page 31		

## Pre-Paid Advertising Rates

	FULL PAGE	HALF PAGE	QUARTER PAGE	EIGHTH PAGE
	<i>Colour</i>	<i>Colour</i>	<i>Colour</i>	<i>Colour</i>
<b>6 Issues</b>	\$2090.00	\$1180.00	\$640.00	\$380.00
<b>3 Issues</b>	\$1180.00	\$635.00	\$350.00	\$215.00
<b>1 Issue</b>	\$465.00	\$260.00	\$175.00	\$120.00

**Classified Ads up to 5 lines - \$40.00 (FREE TO MEMBERS)**

*Australia's Honeybee News* goes free of charge to NSWAA members. Subscriptions are welcome - within Australia \$65.00

Overseas (airmail) AUS\$95.00 - Payable to NSWAA, PO Box 117, Narellan, NSW 2567, Australia Email: [info@nswaa.com.au](mailto:info@nswaa.com.au)

The opinions expressed in articles published in *Australia's Honeybee News* are those of the authors and do not imply the endorsement of the NSWAA for the promotion of any product, goods or services mentioned unless specifically stated.

**Copy Deadline for Next Issue of Australia's Honeybee News  
Friday 16 July 2021**

<b>Editor:</b>	<b>Vikki Bingley PO Box 7425 Sutton NSW 2620</b> <i>N.B New Ad setup \$50.00 alterations \$15.</i>
<b>Advertising Enquiries:</b>	<b>Mobile: 0427 552 001 Email: <a href="mailto:honeybeenews@icloud.com">honeybeenews@icloud.com</a></b>
<b>Printer:</b>	<b>Impress Printers 2/55 Townsville Street Fyshwick ACT 2609</b> <b>Phone: (02) 6280 4238 Email: <a href="mailto:terry.impress@iinet.net.au">terry.impress@iinet.net.au</a></b>

## MEMBERSHIP SUBSCRIPTION RATES

*The Association Membership year runs  
from: 1 March to 28 February*

**Note: Rates from 1 March 2017**

0 to	10 hives	\$100.00	1 vote
11 to	200 hives	\$200.00	2 votes
201 to	400 hives	\$300.00	4 votes
401 +	\$1.00 per hive		6 votes
700 +	\$1.00 per hive		8 votes
1001 +	\$1.00 per hive		10 votes
Over 1500 hives	\$1.00 per hive		12 votes
Affiliated/Retired/Student	\$65.00		1 vote
Honeybee News subscriber/member	\$65.00		0 vote

## MEMBERSHIP BENEFITS

- Provide a means for the commercial apiarists of NSW to be represented through a common organisation
- Lobby to maintain access to essential floral resources
- Help to secure your Industry's future
- Provide strong representation to Government
- Membership Badge
- Copy of Biosecurity Manual for Beekeepers
- Annual subscription to *Australia's Honeybee News* the NSWAA bi-monthly Journal & FREE classified advertisement in Journal
- Annual State Conference & Trade/Field Days
- Support beekeepers in all regions through 9 NSWAA Branches
- Provide opportunities to meet other beekeepers and NSW DPI representatives at meetings, workshops and conferences
- WFI - Insurance for Rural Business, Business & Strata - 1300 934 934. WFI provides commission to NSW Apiarists' Association (NSWAA) to help member benefits. Please let your local Area Manager know that you are a member to receive this benefit for the Association. - Ms Jane Jones Mob: 0417 943 451 E: [jane.jones@wfi.com.au](mailto:jane.jones@wfi.com.au)
- SCHUTZ (Australia) Pty Ltd - IBCs special members' rate

# NSW APIARISTS' ASSOCIATION INC. EXECUTIVE COUNCIL



Steve Cunial



Brian Woolfe



Stephen Fuller



Therese Kershaw



Ray Hull



Robyn Lewis

**PRESIDENT:** Steve Cunial PO Box 771 GRIFFITH NSW 2680 Mob: 0448 627 291

Email: [admin@cunialbeekeeping.com.au](mailto:admin@cunialbeekeeping.com.au)

**VICE PRESIDENT:** Brian Woolfe 18 Dumaresq St GLEN INNES NSW 2370 Mob: 0429 032 019

Email: [houndwoolfe@gmail.com](mailto:houndwoolfe@gmail.com)

Ray Hull PO Box 36 KOOTINGAL NSW 2340 Mob: 0407 469 176 Email: [hullshoneyfarm@outlook.com](mailto:hullshoneyfarm@outlook.com)

Therese Kershaw 151 Shinglehill Way GUNDAROO NSW 2620 Mob: 0428 857 634 Email: [tmkershaw26@gmail.com](mailto:tmkershaw26@gmail.com)

Stephen Fuller 70 Washpool Road CLARENZA NSW 2460 Mob: 0448 434 498 Email: [beeservices2@bigpond.com](mailto:beeservices2@bigpond.com)

**SECRETARY/TREASURER:** Robyn Lewis PO Box 117 Narellan NSW 2567

Mob: 0466 269 811 Email: [info@nswaa.com.au](mailto:info@nswaa.com.au) Website: [www.nswaa.com.au](http://www.nswaa.com.au)

## BRANCHES

Central Tablelands  
Hunter Valley  
North Coast  
Northern Tablelands  
Riverina  
Southern Tablelands  
Sydney  
Tamworth  
Western Plains

## PRESIDENTS

Mal Porter 02 6337 5383  
Col Wilson 02 4930 4950  
Stephen Fuller 0488 434 498  
Richard Willis 0428 323 812  
Stephen Targett 0428 649 321  
Laurie Kershaw 0428 628 731  
Miskell Hampton 0437 913 831  
Ray Hull 02 6760 3634  
Bryn Jones 02 6887 2638

## SECRETARIES

Debbie Porter 0429 375 383  
Contact President  
Col Maloney 02 6663 7051  
Glenn McConnell 02 6732 3222  
Matthew Skinner 0427 651 360  
Therese Kershaw 0428 857 634  
Jane Flitter 0413 769 411  
Norm Maher 0447 603 245  
Lisa Mumford 02 6887 2638

## AUSTRALIAN HONEY BEE INDUSTRY COUNCIL (AHBIC)

**Chairman:** Trevor Weatherhead

**Executive Director:** Helen Goodall

Ph: 0402 467 780 Email: [ahbic@honeybee.org.au](mailto:ahbic@honeybee.org.au) Website: [www.honeybee.org.au](http://www.honeybee.org.au)

Mailing address: PO Box 42 Jamison Centre Macquarie ACT 2614

## AGRIFUTURES - Honeybee & Pollination

Annelies McGaw Manager

Ph: 02 6923 6913 | 0407 987 738 Email: [Annelies.McGaw@agrifutures.com.au](mailto:Annelies.McGaw@agrifutures.com.au) Website: [www.agrifutures.com.au](http://www.agrifutures.com.au)

## AUSTRALIAN QUEEN BEE BREEDERS ASSOCIATION (AQBBA)

**Secretary:** Mr Richard Simms, 40 Kyle Rd Murwillumbah NSW 2484 Ph: 0468 481 768 Email: [AQBBA21@gmail.com](mailto:AQBBA21@gmail.com)

## CROP POLLINATION ASSOCIATION (CPA)

**Secretary:** Mrs Debbie Porter, 135 Eusdale Road Yetholme NSW 2795 Ph: 02 6337 5383 Email: [debbie.porter3@hotmail.com](mailto:debbie.porter3@hotmail.com)

## HONEY PACKERS & MARKETERS ASSOCIATION (HPMAA)

**Secretary:** Mr Ross Christiansen Email: [ross@superbee.com.au](mailto:ross@superbee.com.au)



# PRESIDENT'S REPORT



## Past Presidents Report

Meetings in recent times include BIBCC (see the report in this HBN), AHBIC and COVID Border meetings. COVID Border meeting is to be prepared if borders are closed at short notice close to almond pollination time.

The 2021 Tamworth Conference/AGM was a great success. The general feeling was very positive and upbeat. It was great for beekeepers to catch up in person. We had attendees from Victoria and Queensland.

The Hon Adam Marshall opened the conference and spoke highly of the executive representing the industry very well. During morning tea he publicly announced the Bushfire Industry Recovery Grant to our industry. Close to \$2 million. Industry is very appreciative of the government's support for our industry.

Congratulations to Steve Cunial as the new President. I am very confident that Steve will continue to drive the NSWAA forward. Congratulations to Brian Woolfe (Hound) as the new Vice President. There was a ballot for three positions on the executive. Congratulations to Therese Kershaw, Stephen Fuller and Ray Hull on being elected. Thank you to all that nominated.

There were some very good presentations but the one that excited most beekeepers was the last one via zoom from Kevin Foster from UWA. The topic was 'Food for Honeybees, Annuals and Clovers.' Some species looked ideal for those that have their own land where they raise queens and would slot in perfectly with the Bee Friendly Farm movement.

Mr Joe Horner attended the conference and received the Goodacre award for services to the National beekeeping industry with his unique queen breeding methods. Joe does not attend many conferences and we were privileged to have him attend. Joe donated two breeder queens to the raffles. Thank you Joe.

Mr Neil Bingley was awarded life membership at the annual dinner. This was well deserved as Neil has spent 20 continuous years on the executive with four of them as President. Plus many other areas where he has contributed at the National and state level.

The dinner was a great success although the dinner speaker was not what I expected. For those that did not like the dinner speaker I apologise.

The tradeshow looked very professional and ran flawlessly under the guidance of Therese Kershaw.

Thank you Therese, a job very well done. For the first time we had a honey and apiary products competition. This was the brainchild of Sueellen Cooper who organised and ran the competition. The showroom looked amazing. Thank you Sueellen, you did a wonderful job. Thank you to those that supported the honey competition with entries.

For all that assisted with the success of the conference thank you. People like Sandy Eastern, Raelene Michie and Debbie Porter. Thank you to those that sold raffle tickets and lastly a BIG thank you to secretary Robyn Lewis.

I would also like to thank the past executive for their support and assistance while I was president.

Feedback from the free professional development training on the Wednesday afternoon was very good. The workshop was on business structures including tax, succession and insurance pros and cons.

Stephen Targett  
Past President

## ***BIBCC Update May Meeting 2021***

The meeting ended up as a zoom meeting due to some COVID cases in Sydney.

Three main items that came out of the meeting were:

DPI will soon be commencing audits of beekeepers to ensure they are complying with the code wrt pooled honey tests (from 20% of colonies {which is any size that has a queen}) and mite detection tests.

DPI will soon commence full cost recovery for compliance officers that have to visit your apiary more than twice to ensure compliance with biosecurity directions. The cost recovery will be for the third, fourth etc visits to ensure that you have complied.

DPI have the flexibility to change the focus of the BBO. NSWAA has asked that BBO (education) focus on those commercial beekeepers who have not submitted honey samples and those that are not members of NSWAA. There are over 1,000 commercial registered beekeepers in NSW and NSWAA membership is just over a quarter of this. The BBO has had plenty of contact with most NSWAA members.

Stephen Targett

# WANTED

Articles on what your branch has been doing

Upcoming meetings or events

Articles you would like to see published

Photographs for the cover

Email to [honeybeenews@icloud.com](mailto:honeybeenews@icloud.com)

# APIARY COTS

Manufacturers and Suppliers of Beekeeping equipment

PO Box 5, Mt Nebo Road, Mt Nebo QLD 4520

***Buy Australian Made***

Hoop Pine Woodware - Frames - Supers  
Queen Cages etc

Or your special requirements

**Phone: 07 3289 8181 Fax: 07 3289 8231**

## Jz's Bz's QUEEN CAGES

- Money & Time Saver
- Improves Queen acceptance
- Quick & easy to place in hive

Banking Bars - Queen Cell Cups  
Easy Fit Cell Protectors  
Queen Candy

**SUNDERLAND APIARIES**

'GAMBOL PARK'

MINORE ROAD, MS6  
DUBBO NSW 2830

Phone: 02 6887 2202

Email: [sales@beekeepers.com.au](mailto:sales@beekeepers.com.au)

AUSTRALIAN DISTRIBUTORS

## Honey Wanted

**We Look For:**

**100% Australian honey**

**Long term suppliers**

**Large quantity**

**Packed in IBCs**

**Call: 0430 112 002**

**Contact: Rosie**

**Auburn NSW 2144**

## NSW AA Executive Responsibilities

Steve Cunial	Brian Woolfe	Stephen Fuller	Therese Kershaw	Ray Hull	Bianca Giggins
NSWAA President	NSWAA Vice President	NSWAA Executive Councillor	NSWAA Executive Councillor	NSWAA Executive Councillor	NSW DPI Advisor
Finance State Conference	Biosecurity	Resources	Trade Show Sponsorship Finance	Honeyland Biosecurity	AHBIC Education Committee





## AUSTRALIA'S NO.1 BEEKEEPING LOADER

# BEE SMARTER. WORK SMARTER.

**Add efficiency, comfort and versatility with a multi-purpose loader from Avant Equipment Pty Ltd**

Manufactured in Finland to the highest specifications, these machines are reliable and well designed for access, safety and ease of maintenance. Free call 1800 686 411 to organise your obligation free demo!



- ✓ Ability to load the truck from one side using telescopic boom
- ✓ Huge lifting capacity up to 1500kg
- ✓ Park sideways across truck
- ✓ Optional air-conditioned cabin
- ✓ Self Levelling Boom
- ✓ Prompt delivery Australia wide

- ✓ All terrain 4wd with outstanding stability
- ✓ Backed by a Family business for over 25 years
- ✓ Save time and man power
- ✓ Easy to access and operate
- ✓ Over 200 attachments
- ✓ Easy finance options available



**1800 686 411 | [sales@avantequipment.com](mailto:sales@avantequipment.com) | [www.avantequipment.com](http://www.avantequipment.com)**

**NSWAA  
Honour Roll 2021**

**Ecrotek**

**Select Harvests**

**Oz Armour**

**Lockwood Beekeeping  
Supplies**

**Browns Bees  
Australia Pty Ltd**

**Olam Orchards  
Australia Pty Ltd**

**Steritech Pty Ltd**

**Hornsby Beekeeping  
Supplies**

**Australian Rainforest  
Honey Pty Ltd**

**Dalrymple View  
Apiary Supplies**

**Hive and Wellness  
Australia**

**AgriFutures Australia**

**WFI**

***Working together  
supporting each other***

# Steam

**For decapping, extractors,  
wax reducer & wash down**



## Fully Automatic Electric Steam Boilers

**Model shown ranges  
from 3kW to 42kW**

■ **Steam output from  
5.7 to 66.8kg/hr.**

■ **Models range from  
1/3 h.p. (3kW) to  
48 h.p. (480kW).**

## Advantages

- Fast steam raising
- Compactly packaged & self contained, no plant room required
- 99% Thermal efficiency
- Low capital & low installation costs
- No boiler attendant required  
*(state regulations may limit maximum capacity)*
- Simple installation requires only connection of water & electricity
- No flue – no fire  
– no risk of explosion  
– no fumes or smell
- No oil storage tank  
– no oil deliveries
- Clean equipment & work area
- Can be installed adjacent to steam appliance in workspace
- Quiet & reliable operation – low maintenance cost
- Simple to operate & maintain – no sophisticated burner/ignition/draft controls – no fire brick maintenance
- Corrosion resistant, no tubes, gussets or stays – no heat transfer surfaces
- Low heating element replacement cost
- All spare parts available ex stock
- Comprehensive operating & maintenance instructions, wiring & piping diagrams accompany each boiler



**1/33 Maddox Street  
Alexandria NSW 2015  
Ph: (02) 8338 8660  
Fax: (02) 8338 8661**

Australian family owned  
company Est.1932  
144 Colchester Road  
Bayswater North VIC 3153  
Ph: (03) 9462 6700  
Agents in all other states

**[www.simonsboiler.com.au](http://www.simonsboiler.com.au)**





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

Rough Terrain Forklifts

**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**



**BEEKEEPING SUPPLIES AUSTRALIA & NEW ZEALAND**

**CONTACT:**

Send us an email: [info@lysonau.com.au](mailto:info@lysonau.com.au)

Visit our website: [www.lysonau.com.au](http://www.lysonau.com.au)

Give us a call: 0434 476 067 or 0407 070 670

Check us out on facebook: [www.facebook.com/lysonau](http://www.facebook.com/lysonau)

**WE SUPPLY ALL EQUIPMENT FOR BEEKEEPERS FROM HOBBY TO COMMERCIAL**



Polystyrene Hives, Nucleus Hives, Mating Hives, Travelling Hive Boxes, Feeders (hive & stand alone), Honey Extraction Equipment (2 frame up to 80 frame), Honey Bottlers (manual to auto), Capping Extruders, Wax Melters, Settler Tanks up to 2000L with or without heating & mixer, Dehydraters & Creamers, Queen Breeding Equipment, Queen Rearing Equipment, Honey Sumps & Filters, Pollen Dryers, Suits, Smokers and much, much more....





# NSW APIARISTS' ASSOCIATION INC.

ABN: 89 417 216 326

## Citation For Mr Neil Bingley Life Membership

### *Neil Bingley*

#### *Commercial Apiarist*

#### *Executive Director Weerona Apiaries (Family business)*

The family beekeeping business manages approximately 2,000 bee hives primarily for the production of honey, with recent involvement in providing a professional pollination service for the almond industry. Active members of the business include his brother David and his son Brett.

The business averages over 200 kg of honey per hive annually, which is more than twice the state average. Their operational area includes the South Eastern quarter of NSW, occasionally extending into Victoria. The operational base is located at Sutton on the outskirts of the ACT.

The business also includes fine wool merino sheep and cattle.

Prior to entering the family business, he trained and qualified as a diesel mechanic, topping the class. Since 1980 he has been fully employed in the family beekeeping business.



### **Beekeeping Industry Involvement**

- financial member of the NSW Apiarists' Association from 28<sup>th</sup> July 1977 until present.
- Vice President of NSWAA Southern Tablelands branch 11 May 2002 – 6 May 2003.
- President of the NSWAA Southern Tableland's branch 17 May 2003 – 6 May 2006.
- executive member of NSWAA from 2001 until May 2021.
- Vice President of NSWAA 2006 – 2015 – 10 years
- President of NSWAA from 2016 until 2019 – 4 years.
- AHBIC - executive member (4 yrs)
- AHBIC - education committee (developing learning modules at Tocal Ag College)
- involved in setting up and managing Honey Land for NSWAA – represented southern tablelands branch and was coordinator for 30 plus years.

### **Training and Development**

- Marcus Oldham College - Rural Leadership Program 2002
- Certificate III in beekeeping - Tocal Ag College

### **Research Involvement**

- assisting Dr John Roberts with a project on chalkbrood
- assisting Dr Jodie Gertz with projects on chalkbrood
- collaborator and assessment of breeding stock from the Eastern States Queen Bee Breeding Scheme

### **Awards**

- Keith McIlvride Memorial Award 2014 (NSW Apiarists' Association)

As you can see Neil has been heavily involved with the NSWAA over many years. Neil is a very worthy recipient of life membership.

21<sup>st</sup> May 2021



**B-QUAL**  
Your guarantee  
for quality  
and hygiene



[www.bqual.com.au](http://www.bqual.com.au)

**B-QUAL**  
Industry Owned Quality Assurance System

**HOW DOES B-QUAL CERTIFICATION BENEFIT MY BUSINESS?**

- Product integrity
- Quality Assurance
- HACCP based certification
- Regulatory Compliance
- Industry best practice
- Biosecurity
- Access to domestic & export markets

**B-QUAL Certification also enables an enterprise to market its product under the B-QUAL logo to show that it meets the B-QUAL Industry Standards**

**Complete your training at home at your own pace!**

For more information and to obtain a Certification Information Pack contact the B-QUAL Certification team  
[www.bqual.com.au](http://www.bqual.com.au)  
 AUS-QUAL Pty Ltd  
 Phone (07) 3361 9200 | Toll Free Number 1800 630 890  
 email: [bqual@ausqual.com.au](mailto:bqual@ausqual.com.au)

FACTORY DIRECT

Made in Australia by Danbar Plastics

## BEEPLAS FOUNDATION SHEETS

Plastic Beehive Components


- Made in Australia for Australian conditions
- Top quality food grade high impact polystyrene
- Excellent tensile strength and impact resistance
- Natural cell size
- Mitred bottom corners
- 6mm engagement tongue



Buy NOW!! IN-STORE or ONLINE [www.danbar.com.au](http://www.danbar.com.au)

Contact:  
 Danbar Plastics  
[sales@danbar.com.au](mailto:sales@danbar.com.au)  
 Ph: (03) 5382 4740





**AUSTRALIAN EXPORTERS**

ABN 96 078 192 300

Queen Bees  
 Prices include GST:

1 - 10 .....	\$33.50 each
11 - 49 .....	\$31.00 each
50 - 100.....	\$29.00 each
OVER 100 (in total) ....	\$28.50 each
200 and over - Discounts apply	

Queen Rearing Manager: Rose Taylor - 0409 667 908

**Package bees available October to March.....**

*Terms: Payment prior to delivery/pick-up*

FOR ORDERS OR ENQUIRIES CONTACT:  
**ROSE and NICOLE TAYLOR / ROWENA**

**1800 024 432 FREE CALL** from anywhere in Australia  
 (Call from anywhere in Australia for the price of a local call)

**IF UNANSWERED: (02) 6368 3788**

Or write: 58 Marshalls Lane, Blayney, NSW 2799  
 Email: [aqbe@bigpond.com](mailto:aqbe@bigpond.com) / Fax: 02 6368 3799

# BEE ENGINEERING

MANUFACTURERS OF



**WE SPECIALISE IN THE MANUFACTURE OF**

**STAINLESS STEEL**

**UNCAPPERS AND DEBOXERS**

**6 MODELS OF UNCAPPERS**

**TO SUIT EVERY APPLICATION**

**DEBOXERS**

**TO SUIT ALL BOX AND FRAME SIZES**

**Phone (08) 9259 0676**

**Email: [bee@bee-engineering.com](mailto:bee@bee-engineering.com)**

**PO Box 126 Parkwood**  
**Western Australia 6147**



Specialising in  
Caucasian  
Queen Bees

Marked Queens	-----	\$40 ea
1 – 9	-----	\$35 ea
10 – 49	-----	\$30 ea
50 – 199	-----	\$27 ea
200 plus per season	-----	Discounts Apply
Queen Cells	-----	\$8 - collect only

**Breeder Queens - \$825**

*Naturally mated on a remote island.*

Post & Handling \$15 per dispatch under 50 qty.

Prices include GST

Valid September 2019 to March 2020

Terms: Payment 10 days prior to dispatch.

*For orders contact:*

**John Covey**

Email: [sales@coveybees.com.au](mailto:sales@coveybees.com.au)

Ph: 0427 046 966

PO Box 72 Jimboomba QLD 4280

## Burnt National Park Bee Sites

If you have had bee sites burnt in a National Park and are aware of a possible bee site in an unburnt area in the same National Park, please give NSWAA the details.

Details such as:

- Your name;
- National Park;
- Bees site name/number; and
- Accurate description of the proposed beesite location – ideally with GPS coordinates.

NSWAA will liaise with OEHL to try to get the new bee site approved until the original bee site recovers.

**They know me.  
They know my farm.  
That's why I'm  
insured with WFI.**



At WFI, we take the time to thoroughly understand your business and how it operates. Because when we get to know a business, we can protect everything that matters.

**Call 1300 934 934 or visit [wfi.com.au](http://wfi.com.au)**

backed by 

To see if our products are right for you, always read the PDS from the product issuer, Insurance Australia Limited ABN 11 000 016 722 AFSL 227681 trading as WFI (WFI).



**farm insurance**



# HEAT YOUR HONEY PLANT FOR LESS THAN \$30.00 A DAY!!!\*



## SELF CONTAINED HOT WATER RECYCLING SYSTEM

- Thermostatically Controlled
- Running at 98° +/-2°C
- Wash down hose & gun included in package
- Diesel Fired, Economical to run, 2 Litres per hour
- Simple & Reliable! 20 plus years of field service and counting!
- Under 3 amps power consumption\*\*

**Contact your nearest Branch 1800 774 892**

We have branches in  
Smithfield NSW, Rocklea QLD, Scorsby VIC and Wingfield SA  
plus local distributors.

Or go to [www.spitwater.com.au](http://www.spitwater.com.au)

\*Based on a 10 hour working day \*\* In our field tests



# Catch the Buzz – Honey Bee Communication...Odour Chemicals

Honey bees rally to their queen via ‘game of telephone’

By: Nikk Ogasa



“Buzz. Buzz. The queen is that way,” said one honey bee to another. “Pass it on.”

Honey bees can’t speak, of course, but scientists have found that the insects combine teamwork and odor chemicals to relay the queen’s location to the rest of the colony, revealing an extraordinary means of long distance, mass communication.

The research is “really nice, and really careful,” says Gordon Berman, a biologist at Emory University who was not involved in the study. It shows once again, he says, that insects are capable of “exquisite and complex behaviors.”

Honey bees communicate with chemicals called pheromones, which they sense through their antennae. Like a monarch pressing a button, the queen emits pheromones to summon worker bees to fulfill her needs. But her pheromones only travel so far. Busy worker bees, however, roam around, and they, too, can call to each other by releasing a pheromone called Nasonov, through a gesticulation known as “scenting; they raise their abdomens to expose their pheromone glands and fan their wings to direct the smelly chemicals backward.

Scientists have long known individual bees scented, but just how these individual signals work together to gather tens of thousands of bees around a queen, such as when the colony leaves the hive to swarm, has remained a mystery.

In the new study, Dieu My Nguyen, a computer scientist at the University of Colorado (CU), Boulder, and colleagues focused on a colony of western honey bees (*Apis mellifera* L.), the most common honey bee species in the world. The researchers set up a flat, pizza box–

size arena with a transparent ceiling, in which the bees could walk around, but not fly. They tucked the queen bee into a cage on one side and released the worker honey bees on the other. The scientists then recorded the insects’ movements from above with a camera; artificial intelligence software tracked bees that were releasing Nasonov pheromones.

Once the first worker honey bees located the queen, they began to assemble chains of evenly spaced bees that extended outward from the queen, with each bee wafting Nasonov to its neighbor down the line. The findings, reported this month in the *Proceedings of the National Academy of Sciences*, are **the first direct observations of this collective communication in honey bees**. Like smelly bread crumbs, the branching communication lines guided far-off honey bees back to the queen’s location—a feat no single bee could achieve alone.

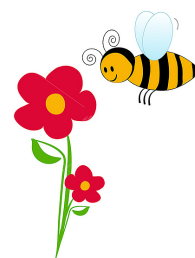
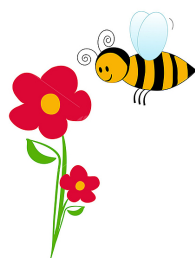
“A really great analogy is the game of telephone,” says Orit Peleg, a computer scientist at CU and a senior author on the study. “You whisper a word in your neighbor’s ear, and they pass it to their neighbor, and so on.”

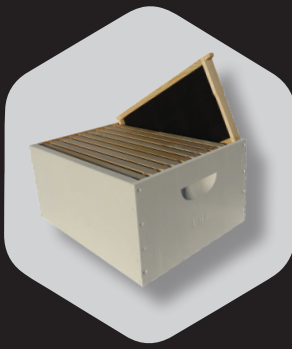
The researchers shed some light on how honey bees recruited one another into these scent relays. They noticed that bees in the relays spaced themselves about 6 centimeters apart. According to Peleg, this suggests the bees are detecting a certain amount of pheromones, dropping what they’re doing, and joining in to pass on their own pheromones.

Mark Carroll, an entomologist at the U.S. Department of Agriculture, cautions that the work was done in an enclosed, practically 2D space. In reality, he notes, honey bee colonies are 3D, and they often have to contend with elements like wind and rain, which make communicating more complicated.

But by simplifying the problem, he says, this research offers insights into how swarming honey bee colonies might self-organize in nature. “The next step will be to observe natural honey bee swarms and see if they’re actually doing this.”

<https://www.sciencemag.org/news/2021/04/honey-bees-rally-their-queen-game-telephone>





**10 frame full depth box ready to go + 10 assembled frames + 10 plastic foundations**

50-500	\$55.00
501-1000	\$52.00
1001+	\$50.00



**8 Frame full depth box ready to go + 8 assembled frames + 8 plastic foundations**

50-500	\$53.00
501-1000	\$50.00
1001+	\$48.00



**Full depth box ready to go, 8 and 10 frame size**

50-500	\$32.00
501-1000	\$30.00
1001+	\$29.00



**WSP/Manley/Ideal box ready to go, 8 and 10 frame size**

50-500	\$29.00
501-1000	\$27.00
1001+	\$26.00



**Flat pack boxes rebated Full depth/WSP/Manley/Ideal 8 frame and 10 frame size**

50-500	\$17.50
501-1000	\$16.50
1001+	\$15.50



**Assembled and wired full depth frame, 32+35mm side with stainless steel wire & inlets**

1000-5000	\$2.20
5001-10,000	\$2.10
10,001-21,000	\$2.00
21,001+	\$1.90



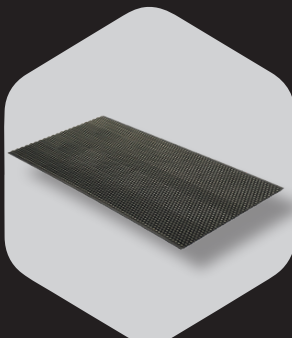
**Assembled full depth frame for plastic foundations, 32+35mm sides**

1000-5000	\$1.75
5001-10,000	\$1.65
10,001-26,000	\$1.55
26,001+	\$1.45



**Full depth frame feeder with wooden cap and two plastic ladders 3.7L, 50mm wide**

10-500	\$12.50
501-1000	\$11.50
1001+	\$10.50



**Plastic foundation, full depth/WSP/Manley/Ideal size. Made from HIPS food grade plastic**

150-1000	\$1.20
1001-5000	\$1.10
5001-10,000	\$1.00
10,001+	\$0.95



**Plywood bee escape, wax-dipped, 8 and 10 frame size**

50-500	\$12.50
501-1000	\$11.50
1001+	\$10.50



Riverina Beekeeping Supplies specialises in premium quality beekeeping equipment at a reasonable price. All equipment is tested and proven in daily use across our own large number of beehives.

We offer a vast amount of stock for basic equipment and fast delivery for your individual orders. Great discounts for larger quantities guarantees commercial beekeepers the best value. All equipment can be custom made in your own design and sizes. Ask us for individual prices.

**Australia wide pallet or truck load shipping.**

For sales or wholesale enquiries contact us  
[sales@riverinabeekeeping.com.au](mailto:sales@riverinabeekeeping.com.au) or  
 +61(0) 4588 52 293

For pricing and full catalogue scan this!



**RIVERINA  
BEEKEEPING**

**GIORDAN**

Riverina Beekeeping Supplies Pty Ltd is Australia's exclusive retailer of Giordan honey processing equipment - one of the leading manufacturers, made in Italy.

Download Riverina Beekeeping and Giordan catalogues at: [www.riverinabeekeeping.com.au](http://www.riverinabeekeeping.com.au)





# GIORDAN

ITALIAN QUALITY. BUILT TO LAST



PREMIUM EXTRACTORS | EXTRACTING LINES | BOTTLING MACHINES | FILTERING SYSTEMS  
SETTLING TANKS | CREAM HONEY MIXERS | PUMPS + MORE



Riverina Beekeeping Supplies Pty Ltd is Australia's exclusive retailer of Giordan - a world renowned Italian manufacturer with more than 60 years history in honey processing machine fabrication

To see the full GIORDAN range download catalogues at:  
[www.riverinabeekeeping.com.au/catalogues](http://www.riverinabeekeeping.com.au/catalogues)

Scan to see the  
general Giordan  
catalogue



Scan to see the  
Giordan bottling  
catalogue



For all enquiries please contact [sales@riverinabeekeeping.com.au](mailto:sales@riverinabeekeeping.com.au) | +61 (0) 458 852 293



# Save the date

## 4th Australian Bee Congress

8-11 June 2022

Rosehill Racecourse  
Sydney NSW 2142  
Australia

**Sponsorship and Trade Exhibition**

**Prospectus being launched soon**



## AUSTRALIAN QUEEN BEE LINE P/L

### Italian and Carniolan Queens

ABN: 88 610 746 257  
ACN: 610746257

1 to 10 .....	\$32.00 each + p&h
11 to 49 .....	\$30.00 each
50 to 99 .....	\$28.00 each
Over 100 ( in total) .....	\$27.00 each
200 & over .....	\$26.00 each

Prices GST Inclusive: \$15 Postage & Handling applies for orders under 11



Terms: Payment prior to dispatch

Terms and conditions apply. EFTPOS facility is available.

**For Orders or Enquiries Contact Beck and Emma**

**Address:** 21 Leewood Drive, Orange NSW 2800 or PO Box 80 Orange, NSW 2800

**Office Hours:** 9.00am - 4.00pm Monday to Friday | **Phone:** (02) 6369 0565 | **Fax:** (02) 6369 0575

**Email:** [info@australianqueenbeeline.com.au](mailto:info@australianqueenbeeline.com.au) • **Web:** [www.australianqueenbeeline.com.au](http://www.australianqueenbeeline.com.au)

**Before and After Office Hours Phone:** 0434 353 301





# BEEKEEPING MANAGED WELL

Productivity  
software custom built for  
commercial beekeepers

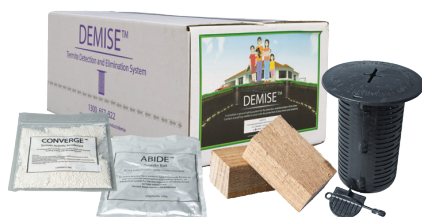
Visit us at: [MyApiary.com](https://MyApiary.com)  
Call us at: +61 2 408 90639



## DON'T SHUT YOUR DOOR ON TERMITES!

### DEMISE™ TERMITE DETECTION & ELIMINATION SYSTEM

- Kills termites and wipes out the colony
- Easy to use in-ground traps
- Very low toxicity for humans and pets



Demise Kit includes: 10 Demise Bait Stations, 4 X 100g of Abide,  
5 X 50g of Convergence, 20 Baitwood blocks



[www.pestcontroldirect.com.au](https://www.pestcontroldirect.com.au)

## Protect Your Hives!

### Control Small Hive Beetles



APIS Small Hive Beetle Traps in conjunction  
with **Topbait™ PLUS** or **APIS Sticky Boards**  
will help put you back in control of your hives!

**Topbait™ PLUS** is registered for use within bee hives by the APVMA.

**TOPBAIT™  
PLUS**

APVMA Approval #68330/108733

[www.pestcontroldirect.com.au](https://www.pestcontroldirect.com.au)



\*Electric  
AWD  
Pro Model

## Kaptarlift

## Electric & Manual Hive Trolleys

The ultimate beehive trolleys  
built for Australian conditions.

- Lifts up to 100kg
- Maximum lifting height: 107cm
- Clamping width: 38cm to 70cm
- Chain Lifting (not belts)
- Wide Wheels 15/6.00-6 - ideal for sand
- Wheel drive through central differential\*
- Driving speed: 0 to 6.5km/h with smooth speed control\*
- Self-Lifting function - so no problem loading/unloading on to your vehicle\*
- Differential motor 500W\*
- Lithium Ion Battery - maintenance-free 24V 20.8Ah\*
- Battery operation: typically, 4 hours\*



Contact

# BEESWISE

Australian Distributor

T: 1800 233 947

E: bees@beewise.com.au

www.beewise.com.au

# APIMAYE HIVES

## Next Generation Bee Hive

- Apimondia Gold Medallist
- Bee Friendly HDPE Plastic
- Thermal Insulation & Active Ventilation
- High Productivity & Long Economic Life



## Everything in One Package

- Queen Excluder
- Pollen Trap
- Multifunctional Hive Entrance
- Top Feeder
- Lock and Latch Handles
- Division & Uniting Board
- Removable Bottom Tray

Distributed Australia wide by:

T: 1800 233 947 E: bees@beewise.com.au



# BEESWISE



## BECOME A BERRINGA BEEKEEPER

At Berringa, we've proudly supported Aussie beekeepers for 25 years and we're always on the lookout for new suppliers.

What are the advantages of being a Berringa beekeeper?

### We're 100% Australian owned and operated

- ✦ All Berringa products are 100% Australian sourced.
- ✦ From Eucalyptus and Manuka to honeycomb and beeswax, we believe Aussie honey is unbeatable.
- ✦ Based in Melbourne, the Berringa team is always on hand to answer your queries.

### We're transparent

- ✦ All Manuka is independently tested.
- ✦ We pay our beekeepers based on independent laboratory results. Our quality standards include ACO, Codex, BSafe and TGA.

### We care about our beekeepers

- ✦ Drum and IBC supply is free for our regular Manuka suppliers.
- ✦ Our dedicated procurement managers and friendly customer service team are on hand to offer beekeeper support.

Be part of a company that drives Australian honey in the international and domestic markets. Talk to our friendly procurement and supply team today.



Contact:  
Geoff Lord - Procurement Manager  
m: +61 417 598 201 t: +61 3 8456 3543  
e: geoff.lord@berringa.com  
Berringa Customer Service  
t: +61 3 8456 3543 e: beekeepers@berringa.com  
berringa.com

BERRINGA.



Australian Organic Honey Company Pty Ltd  
24 Westside Dr, Laverton North VIC 3026, Australia



## Bee Build

It does what it says—**Builds BEE\$**

**A Complete Pollen Replacement** based on  
Scientific Honeybee Industry Research  
(Fat Bees, Skinny Bees—RIRCD Pub No. 05/054)

Visit [www.beebuild.com.au](http://www.beebuild.com.au)  
for full story and how to feed.

Available in 5kg, 10kg, 20kg or 25kg

**Bee Build Protein Sausage:** 500gm and 1kg

**Bee Boost:** 500g—a probiotic for bees

### Enquiries and Sales Contact:

Robert & Melissa Dewar

Ph: (07) 5463 5513

[www.beebuild.com.au](http://www.beebuild.com.au)

As one of Australia's largest  
packers of pure Australian honey,  
Superbee Honey Factory is  
**LOOKING FOR SUPPLIERS**  
to support our increasing demand  
for Australian Honey



CONTACT US TO REQUEST A QUOTE OR  
BOOK A DELIVERY  
PH: 02 6851 1155  
BEN SMITH EMAIL: [ben@superbee.com.au](mailto:ben@superbee.com.au)

Bee Wonderful PTY LTD  
ABN. 37 113 160 571  
Cnr Newell Hwy &  
Landrace Rd  
FORBES NSW 2871  
PH: 02 6851 1155  
[www.superbee.com.au](http://www.superbee.com.au)

**PAYMENT IN 14 DAYS OR LESS**



# Clayton Plastics

## Servicing the honey industry for over 40 years.

### Jars & Squeezes



250gr & 500gr  
Square Jars



300ml Twist  
& Squeeze



500gr Squeeze  
(Honey Comb)



500gr Upside  
Down Squeeze



250gr & 500gr  
Amber Jars

### Pails



#### Non Tamper Proof Pails

500gr, 1kg, 1.5kg, 3kg, & 5kg Pail  
(500gr, 1kg, 1.5kg available in clear as well)



#### Tamper Proof Pails

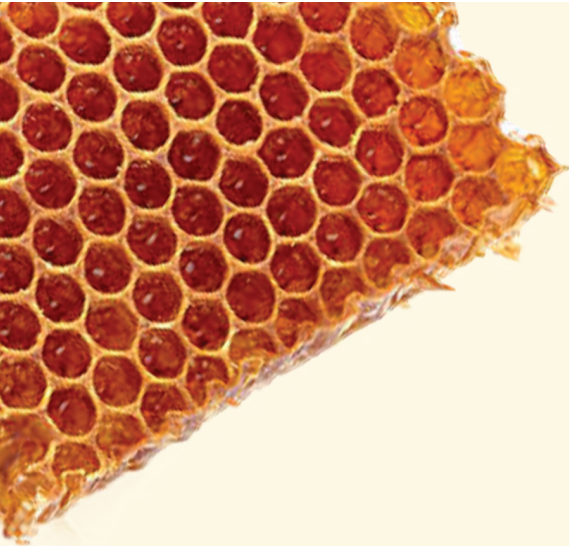
1kg, 1.5kg Honey Pails &  
2.2L, 5L Pails

10L, 15L, 20L Pails

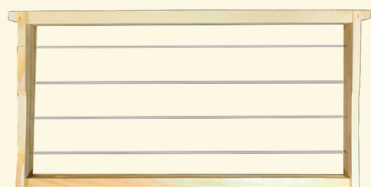
**AK**  
**AU KINGSUN**

**Clayton Plastics**

[www.claytonplastics.com.au](http://www.claytonplastics.com.au)



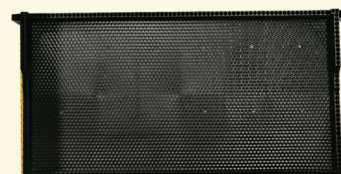
## Bee Frames - Wood and Plastic



Wood Frame Full Depth  
Assembled With Wire



Wood Frame Full Depth  
With Plastic Foundation  
(Not waxed)



Plastic Frame Full Depth

---

## Plastic Beehive

### Plastic Beehive with 10 Frames

Material: food grade polypropylene

Thickness: 30mm

Working life: 30 years

Packing dimension: 60x50x44cm 13.8/kg

#### Features:

- UV resistant
- Thermal insulated increasing honey production
- Light weight for easy lifting and carrying
- Antioxidant plastic material for longer life expectancy
- Holds standard and full depth frames
- Easily assembled
- Digital Thermometer
- Built in ventilation
- No painting required

#### What you get:

##### 2 box hive consisting of:

- 1 x ventilated top cover
- 1 x full size super
- 1 x Queen excluder
- 1 x brood box
- 1 x bottom board (including 2 feeders and pollen trap)
- 1 x Entrance reducer
- 4 x Lock, Latch connectors
- 1 x Temperature Gauge







# Introducing **BETTER BEETLE MANAGEMENT TECHNOLOGY** from Nuplas

**AUSSIE OWNED & MADE  
FOR AUSSIE HONEY**

**better  
beekeeping.**

***Having trouble  
with Small Hive  
Beetle hiding in your  
plastic frames?***

Nuplas Apiarist Supplies has the solution with our new BBM Frames, using our specialised *Better Beetle Management Technology*. With over 400 extra cells moulded into the perimeter wall of the frame, your bees can store honey and keep the pesky beetle out of those tricky hiding places.

Our constant drive to be innovative in everything we do, is just another way we listen to our customers and help you to maximize your honey production.

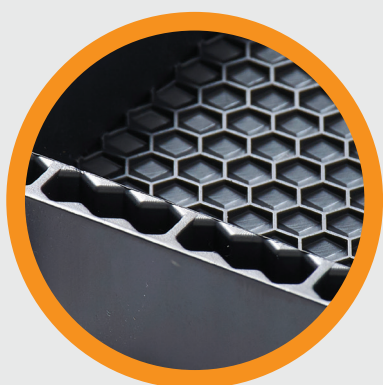
[nuplasapiaristsupplies.com.au](http://nuplasapiaristsupplies.com.au)



**BBM TECHNOLOGY IS A NEW  
INNOVATIVE INITIATIVE BY NUPLAS  
APIARIST SUPPLIES PROVIDING  
GREATER HIVE PROTECTION FROM  
SMALL HIVE BEETLE.**

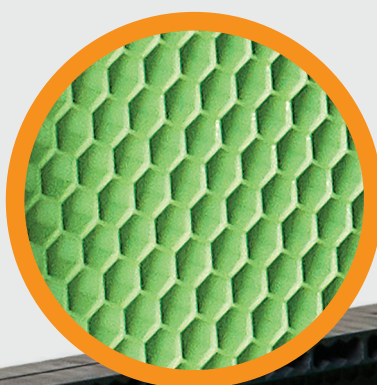


**BETTER BEETLE  
MANAGEMENT**



**OUTER  
FRAME CELLS**

*Allows bees to access  
cells and chase out  
the beetle leaving  
them nowhere to hide,  
as well as store honey*



**DRONE  
SIZE CELLS**

*Produce drones  
on demand  
with easily  
identifiable  
green colour*



**UNIQUE  
SAW TOOTH  
DESIGN**

*Provides extra  
stability and prevents  
frame from slipping  
during extraction*

**PROUD SUPPLIERS OF AUSTRALIA'S  
MOST EXTENSIVE RANGE OF FRAMES AND FOUNDATION**

- ▶ Full Depth Plastic Frame and Foundation
- ▶ Full Depth Drone Comb Plastic Frame
- ▶ WSP Depth Plastic Frame and Foundation
- ▶ Ideal Depth Plastic Frame and Foundation
- ▶ Ideal Cut Comb Plastic Frame
- ▶ Full Depth, WSP and Ideal Timber Frames
- ▶ Full Depth, WSP and Ideal Plastic Foundation
- ▶ Assembled Timber Frames with Plastic Foundation
- ▶ Assembled Wired Timber Frame
- ▶ Assembled Timber Frame with Plastic Foundation
- ▶ Assembled Wired Frame



# Special prices

for all your  
beekeeping needs



## Assembled and wired frames:

Minimum order quantity = 1000

**\$2.20**

## Assembled Double Groove Frames:

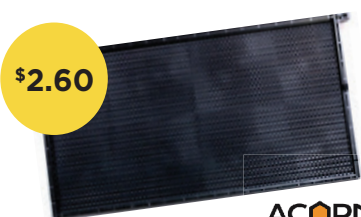
Minimum order quantity = 1000



**\$1.65**

## Plastic Frame Full Depth:

Minimum order quantity = 1000



**\$2.60**

**ACORN**  
BEEKEEPING EQUIPMENT

## Plastic Foundation Made in USA:

Minimum  
order quantity = 2000



**\$1.43**

## Box Full Depth 8/10-Frames. Finger Joints, screwed, wax dipped and painted:

Minimum order quantity = 150



**\$33.00**



**\$20.00**



## Box Standard Grade Finger Joint 8/10-Frames:

Minimum order quantity = 150

## Box Standard Grade Rebated 8/10-Frames:

Minimum order quantity  
= 150



**\$17.00**

## Drone Comb Frames:

Minimum order quantity = 1000



**\$2.85**

## Coloured Box Waxed Dipped and Painted 8/10-Frames:

Minimum order  
quantity = 150

**\$34.50**



**We can customise  
your boxes.** Your brand, your  
colour, your dimensions!!!



**Call or visit us today.**

### Hornsby Branch

63A Hunter Lane Hornsby NSW 2077  
Phone: 02 9477 5569 | Fax: 02 9477 7494  
Trading hours: Mon – Fri 9am – 5pm  
Sat 9am – 4pm

[info@hornsby-beekeeping.com](mailto:info@hornsby-beekeeping.com) | [hornsby-beekeeping.com](http://hornsby-beekeeping.com)

### Mt Druitt Branch

Unit 11, 71 Kurrajong Ave Mt Druitt NSW 2770  
Phone: 02 9625 5424 | Fax: 02 9625 7589  
Trading hours: Mon – Fri 10am – 6pm  
Sat 10am – 5pm



**Hornsby**  
Beekeeping Supplies  
For all your beekeeping needs



# Technical Specialist, Honey Bees Report

Elizabeth Frost

Technical Specialist, Honey Bees

Total Agricultural College, NSW Dept. of Primary Industries

T: 02 4939 8821 M: 0437 731 273 E: elizabeth.frost@dpi.nsw.gov.au



## Goodacre Award 2021: Joe Horner

The Goodacre Memorial Award is the top national beekeeping award. This award is presented to individuals who have provided significant service to the Australian beekeeping industry. The recipient of this award was confirmed by Goodacre Award committee members AHBIC Chair Trevor Weatherhead, NSWAA President Stephen Targett and myself as the NSW Lead Apiary Officer.

### Speech awarding Joe Horner at NSWAA Conference in Tamworth NSW

“The individual whose meritorious service to industry we recognise today has contributed substantially to practical bee breeding and therefore the productivity of the Australian Beekeeping Industry.

This contribution has been made through decades of experimentation and detailed observation, driven by need, but more so by his passion and determination. In his keen observations he has acquired a detailed knowledge of honey bee mating biology. Pioneers of controlled mating by isolation in the 1980s, the family selected, shifted and managed drone mothers and virgin queens on the treeless Hay Plains, where they obtained good results. The tedious, and isolating work, however turned the creative minds of Joe and Sonya Horner to an alternate system.



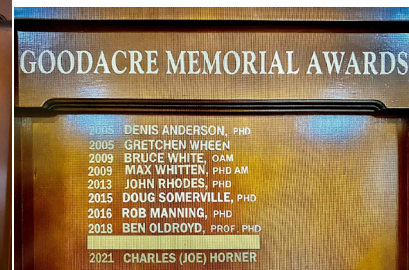
*Sonya and Joe Horner on their 2016 USA trip. Photo: Kate Lobley-Yates*

The Horner “controlled flight time mating” system is highly innovative and a world first. The proportion of Australian commercial queens derived from Horner stock mated in this system is substantial. Joe’s willingness to share information, openness toward new ideas, and generosity with his time has influenced everyone from visiting school children, to a 17 year-old Bill Winner,

then assistant Editor to the Australasian Beekeeper, researchers, public servants and sideline and commercial beekeepers Australia and world-wide.

As a student of the natural world, Joe’s passion for scientific enquiry brought on collaborations of international significance with the University of Sydney and University of New England. In 2010, University of Sydney used DNA techniques to evaluate the success of the Horner system. They found that 85% of matings were to their selected males, leading to a 50% increase in the expected selection differential. Additionally, in 2012 Joe contributed to the first importation of stock into Western Australia since 1975, by way of drone semen, in collaboration with Ron Clarke and Dr. Rob Manning.

Known within industry as a quiet and unassuming gentleman, I hope he will forgive me for so publicly reciting his contributions. Please join me in congratulating Joe Horner on this deserved achievement.”

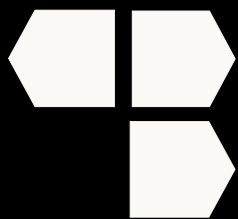


*Goodacre Memorial Award Honour Roll Part I & II*



*Joe Horner with the Goodacre Award and Elizabeth Frost. Photo: Rob Manning*





# Boutelje Products

HONEY PROCESSING EQUIPMENT



## Small Systems

40-100 boxes per day



## Medium Systems

100-200 boxes per day



## Large Systems

200-600 boxes per day

## Filling Lines

Fast and accurate



## Honey Machines

Our range is world class

# Catch the Buzz - Australia's Purple Hives

## Purple Hives are here to keep alien mites out of Victoria's Food Bowl

By Michael Fowler

Beekeeper Ian Cane normally uses the “sugar shake” to check if his bees have been infested by a tiny but incredibly dangerous alien pest.

Mr. Cane gathers 300 bees in a jar, fills it with icing sugar, rattles it and looks to see if a millimetre-long mite called *Varroa destructor* falls from the bees' abdomens.



*Artificial intelligence experts from startups Vimana Tech and Xailient prepare the purple hives at the Port of Melbourne on Monday. Credit: Joe Armao*

Fortunately, he has never found *Varroa destructor*, which sucks fat tissue out of individual bees, spreads viruses, and can eventually kill off entire hives.

Australia is the only continent in the world free of the exotic mite that would threaten 20,000 horticulture businesses if it entered the country. It would also profoundly disrupt Australia's food production – about two-thirds of Victoria's plant-based food requires pollination by bees.

Imagine Mr. Cane's excitement, then, at Australia's first artificially intelligent beehives launching at the Port of Melbourne on Tuesday.

Bold purple in colour and shaped like a Ned Kelly mask, the hives feature 360-degree cameras that feed back a rolling video of bees entering and exiting. An algorithm has been trained to detect a healthy bee from one carrying *Varroa destructor*, saving beekeepers hours of manual labour every week.



*Varroa mites on a drone bee larvae.*

“If you look in a beehive, say, in the middle of summer, we're in full production, there's 45,000 to 60,000 bees

in that hive. So to find two varroa [mites] is literally the needle in the haystack, and a big haystack. It's painstaking,” Mr Cane, who is based in East Gippsland, said.

“With this I can have bees 600 or 700 kilometres away from my home, I can sit there on a laptop, see this happening and flag any problems in real time.”

The Port of Melbourne was chosen for the first purple hives because the greatest threat of *Varroa destructor* entering Australia is via cargo ships, where infested bees from overseas could be lodged between shipping containers.

A savvy sea captain who noticed a swarm of bees and alerted the Victorian government in 2018 prevented an outbreak of the pest.



*An Agriculture Victoria worker prepares to transfer bees into their new hive. Credit: Joe Armao*

Earlier this month Woolworths released images of what their shelves would look like without bees. Apples, avocados, canola oil, nuts, coffee beans and strawberries were just some of the items off the menu. And, you guessed it, honey too.

Melbourne startup Vimana Tech and Sydney and Silicon Valley-based startup Xailient worked on what they called world-first technology for over a year.

Shivy Yohanandan, Xailient's chief technology officer, said the artificial intelligence acted like a human's eyes, completing the round-the-clock work that a beekeeper realistically cannot.

“Just like teaching a child, we trained the algorithm and over time, like all AI, it gets better and better” detection can prevent the pest spreading widely.

The harmony of artificial intelligence and agriculture is an area expected to grow exponentially – in recent years it's been used to forecast weather conditions, assess plant nutrition on farms and identify weeds.

Joel Kuperholz, co-founder of Vimana Tech, said even within beekeeping his team is eyeing further steps.



“We have the ability to upload new algorithms to detect any other anomaly or other pests or insects that might be trying to penetrate the hive and pose a risk,” he said.

Mr. Cane, whose family has been breeding bees for more than 100 years in Victoria, said his “head is just spinning” at what other efficiencies the technology could bring to his industry.

“It will really change how we operate as beekeepers,” he said.

“We’re currently preparing hives to do almond pollination, that’s a billion dollar farming industry in

Australia. The world would be a very different place for humans without honey bees.”

Victorian Agriculture Minister Mary-Anne Thomas called the hives the front line in supporting Australia’s 12,800 beekeepers.

“We know that the varroa mite is in New Zealand already, and we’re working very hard to ensure that it does not enter Victoria,” she said.

“I would look forward to a project like the purple hive rolling out across the country.”

## Catch the Buzz – Desperately Trying to keep Honey Bees Alive on Kangaroo Island

By: Claire Campbell

Kangaroo Island beekeepers desperately try to keep Ligurian strain alive after last year’s bushfires destroyed hives



Beekeepers on Kangaroo Island are planting flowers that they have not tried before which will lead to new flavours of honey.

*ABC News: Lincoln Rothall*

The taste of Kangaroo Island honey could be set to change, as struggling local beekeepers try everything to keep the world’s purest strain of bees alive and thriving after the deadly bushfires.

Key points:

- Kangaroo Island is home to the Ligurian bee and is considered a disease-free bee sanctuary
- Bushfires devastated the western half of the island last year
- Honey production on the island has dropped by up to 75 per cent

Kangaroo Island is home to the Ligurian bee and is considered a disease-free bee sanctuary.

But that has come under threat after thousands of bees were killed and more than a thousand hives destroyed when fire ripped through Kangaroo Island in January last year.

Beekeeper Mick Geursen is rebuilding his business of 10 years from scratch, after losing 500 hives and the bees

inside, along with his packing shed, stock, equipment and new hives he was planning to use, as well as his home.

But it is a mammoth job to rebuild given tough biosecurity rules mean all hives must be built on the island using local tools.

“It’s just another challenge — we can’t buy bulk things or second-hand things that are made on the mainland, we have to make it all ourselves,” Mr Geursen said.

“We’re the last pure strain of Ligurian bee left in the world, we’re also disease free — we don’t have AFB (American foulbrood) — so everything we can do to keep the industry going over here is really important.”



*Beekeeper Mick Geursen has had to rebuild his beekeeping business from scratch after losing everything in the bushfires.*

To read the whole article go to;

<https://www.abc.net.au/news/2021-03-07/kangaroo-island-beekeepers-trying-to-keep-ligurian-strain-alive/13221924>





# BEE BIOSECURITY OFFICER REPORT

NATIONAL  
**BEE**  
BIOSECURITY  
PROGRAM



Rod Bourke - NSW Bee Biosecurity Officer  
NSW Department of Primary Industries - Biosecurity NSW  
Tocal Ag College, Tocal Rd Paterson NSW 2320  
Ph: 02 4939 8946 Mob: 0438 677 195 Email: [rod.bourke@dpi.nsw.gov.au](mailto:rod.bourke@dpi.nsw.gov.au)



## The Role of the Bee Biosecurity Officer and Bee Biosecurity Code of Practice

Dear NSW Commercial or Semi-commercial beekeeper,

For those that don't know of me my name is Rod Bourke and I am the Bee Biosecurity Officer (BBO) with NSW Department of Primary Industries.

The Australian Honey Bee Industry Biosecurity Code of Practice (the Code) became a condition of bee registration in NSW on the 1st July 2020. My role as BBO is to assist beekeepers to fully understand their requirements under the Code and to help them to easily implement these Code requirements within their operation.

I am available to assist all beekeepers with this and much of my work is done with commercial and semi commercial operators (those starting to increase their hive numbers towards and then past 50 colonies). If you need help or have questions then please feel comfortable to contact me.

The Bee Biosecurity Officer is not a compliance role, I do not issue direction notices or fines. If you know or suspect that you are doing the "wrong thing" but would like to get out of this rut and improve your operation then I can assist you (not fine you). I have information, hands-on experience, and training options available to enable you to resolve those issues and start running a cleaner operation.

Improved bee biosecurity increases the profitability of your operation so it makes financial sense. Some of the most common subjects I regularly assist beekeepers with are;

- How to properly clean up and manage American foulbrood (AFB) cheaply to protect your own bees and those of other beekeepers
- How to do a pooled honey culture test (HCT) for AFB and where to send it (further information below)
- How to undertake exotic mite surveillance in your hives
- How to report notifiable diseases to DPI.
- How to report poor beekeeping practices of others, biosecurity risks and neglected hives to the DPI Compliance team for action
- Where you can get bee biosecurity training (further information below)

- How to keep appropriate records
- How you can update your number of hives (because many beekeepers under-report their actual number of colonies)
- How to fill in your annual Appendix 1 form

### Hive numbers.

In NSW you need to accurately list your total hive numbers on your bee registration, not just production hives. To determine how many hives you really have you also need to count any other colony of bees which normally has a queen, so this includes all your weaker hives and queen rearing nucleus colonies. Many registered beekeepers listed as running less than 50 hives actually have far more hives when all their smaller colonies are also counted. Legally these beekeepers should be fulfilling all the same obligations as other 50+ hive beekeepers. If you need to update your hive numbers or other details then call the Bee Registrations team (02) 6552 3000 (option 1) or email [bfs.admin@dpi.nsw.gov.au](mailto:bfs.admin@dpi.nsw.gov.au)

### Your Appendix 1 form.

All beekeepers managing 50 or more bee colonies must fill out this form annually. Your current Appendix 1 form will cover the period from 1st July 2020 to 30th June, 2021, which is the first full year that the Code has been in place as a requirement in NSW. The Appendix 1 is in the Code which can be accessed online at <https://beeaware.org.au/code-of-practice/>

To fill in the form correctly you need;

- Date and certificate number of approved Bee Biosecurity course done within the last 3 years.
- Records of your spring and autumn brood checks done on each colony,
- Records for dates/results of exotic mite surveillance on one hive in each apiary in spring and autumn
- Results of your annual honey test for AFB

*The Appendix 1 needs to be filled in annually for all beekeepers managing 50 or more colonies of bees. Many beekeepers registered for less colonies (but running 50+) need to update their numbers and start using this form.*

### Bee Biosecurity training.

When running 50 or more colonies you are expected to regularly update your bee biosecurity knowledge through training. Beekeeping best practice, disease threats and industry regulations are regularly changing. Keeping on top of the latest developments reduces your biosecurity threat to other beekeepers.

There are a number of training options available. Tocal College holds a face-to-face Honey Bee Biosecurity course which is a great hands on practical way to update beekeepers about their bee pest and disease issues. Many that do this course are then able to modify and improve their beekeeping operations to better manage AFB and reduce their number of weaker hives (which are a major biosecurity threat). Their businesses are then more efficient and profitable. Information about Tocal's Honey Bee Biosecurity course can be found here; <https://www.tocal.nsw.edu.au/courses/bees/Honey-Bee-Biosecurity>

Another option is the Biosecurity for Beekeepers BOLT course. This course is available both online (<https://beeaware.org.au/training/>) and as a paper version (contact me for further information on that and other courses).

### Record keeping.

A very important requirement of the Code (and the NSW Biosecurity Act 2015) is to keep good records. These records (on paper or computer) should be kept for 5 years and upon request be made available to DPI Compliance officers. Some of these records can be used by the beekeeper to fill in their Appendix 1 (dates of full brood inspections and exotic mite checks) and will be crosschecked by DPI Compliance officers if they audit you for compliance with the Code. Records should also be kept on all notifiable and non-notifiable bee pests and diseases encountered and how they were managed, as well as accurate records of hive movements and site locations (including hive numbers per site).

Have you done your annual **Honey Culture Test** yet? Whether you are a large commercial beekeeper or a smaller one running multiple hives and apiary sites, the honey culture test (HCT) is an invaluable tool to use in your AFB management. At least 75 ml (110 Grams) of honey is required to perform the test. Under the Code all beekeepers managing 50 or more colonies need to submit at least one pooled (and well mixed) honey sample covering at least 20% of their hive numbers) per year. You also need to record the result of the HCT on your annual Appendix 1 form.

For commercial operators the best approach is to test each load individually. You can then determine which loads will need extra work done to clean them up and which clean loads you will be doing most of your splitting from (you should only propagate new colonies from hives which are healthy themselves). When collecting honey for a HCT you should always identify and mark any hives in that load which were not able to supply honey. These

substandard hives should be singled out for additional hive inspections and follow-ups, because even if that loads HCT was clear those ones that were not tested may have AFB.

If you do receive an AFB spore count in your HCT (check every load) then please contact me so that we can discuss ways in which you may start managing a potential brewing AFB issue.

For further information about the test at the EMAI lab - <https://www.dpi.nsw.gov.au/about-us/services/laboratory-services/veterinary/bee-diseases>



*At least 75 ml (110 grams) of clean honey is required for the HCT sample.*

### Reporting biosecurity threats.

Poor beekeeping practices by others which enable bees to rob exposed honey or weak/dead hives directly affect many nearby managed and feral bee colonies. This enables AFB to be a much bigger problem than it needs to be. By reporting anything wrong that you see to DPI Compliance they can follow up on it. This can be done anonymously if wished. Please call the Biosecurity Hotline number 1800 680 244 or report online at <https://biosecurity.transactcentral.com/Biosecurity/servlet/SmartForm.html?formCode=report-a-biosecurity>



*If you see this lying around then let DPI Compliance know so they can get it cleaned up.*

**DPI Compliance.** Many beekeepers are fulfilling all their Code requirements, but some are not. DPI Compliance will soon start auditing beekeepers to ensure they are following the Code. If you are not yet compliant then it is time for you to get all your records in order. If you need further assistance with anything I have discussed then please contact me.

MOB: 0438 677 195

Email: [rod.bourke@dpi.nsw.gov.au](mailto:rod.bourke@dpi.nsw.gov.au)

<https://www.dpi.nsw.gov.au/bees>

Yours sincerely,

Rod Bourke.



# Total College Beekeeper training

Total College trainers are passionate about helping beekeepers at all levels to grow in their knowledge of bees and improve their beekeeping practice for healthier bees and better quality honey and hive products.

Course	Upcoming date
Beginning in Bees	2 & 3 September
Spring Management	11 & 12 September
Honey Bee Biosecurity	28 & 29 September
Australian Native Bees	2 October
Beginning in Bees	5 & 6 October
Rear Queen Bees	19 & 20 October
Honey Bee Biosecurity	4 & 5 November

**All training is accredited.** Go to our website for more information about our courses and to apply online.

[www.tocal.nsw.edu.au/courses/bees](http://www.tocal.nsw.edu.au/courses/bees)



**Tocal**  
COLLEGE  
RTO 91166

Youth  
EDUCATION

Adult  
EDUCATION

Industry  
SERVICES

Publications  
BOOKS | EBOOKS

YOUR FUTURE IN AGRICULTURE

**NSW**  
GOVERNMENT

Department of  
Primary Industries

J21-057

## Summary of hive requirement using the latest planting data.

Based on:	
3rd leaf	2 hives/ hectare
4th Leaf	4 hives/ hectare
Mature	6 hives/ hectare

Estimated number of hives by Region			
Pollination Season	2020	2021	2022
Sunraysia	136,288	142,104	153,976
Riverina	47,954	69,568	88,981
Riverland	48,296	55,174	61,680
Swan	4,518	4,518	4,518
Adelaide Plains	3,954	4,014	3,974
<b>Total</b>	<b>241,010</b>	<b>277,399</b>	<b>315,150</b>
Figures from the Almond Board			



# **NSWAA TRADE SHOW**



## **Exhibitors 2021**

**Australian Manuka Honey Association**

**Avant Equipment**

**Browns Bees Australia Pty Ltd**

**Dalrymple View Apiary Supplies**

**Ecrotek**

**Ensystex**

**Hiveworld Australia**

**Hornsby Beekeeping Supplies**

**Lockwood Beekeeping Supplies**

**Lyson Beekeeping Supplies**

**M & K Stafford Engineering Pty Ltd**

**Many Busy Hands**

**Multione**

**My Apiary**

**New Horizons**

**Nuplas Apiarists Supplies**

**Oz Armour**

**Prostate Cancer Foundation of Australia**

**Riverina Beekeeping Supplies Pty Ltd**

**Schutz Australia**

**Select Harvests**

**Spitwater**

**Steritech Pty Ltd**

**Termseal Australia Pty Ltd**

**Working together, supporting each other**





# NSWAA PARTNERS 2021



## Platinum Partner

**Ecrotek**

## Gold Partners

**Oz Armour**

**Select Harvests**

## Wine & Cheese Night Partner

**Lockwood Beekeeping Supplies**

## Annual Dinner Partner

**Browns Bees Australia Pty Ltd**

## Silver Partners

**Olam Orchards Pty Ltd**

**Steritech Pty Ltd**

## Tea Break Partner

**Hornsby Beekeeping Supplies**

## Conference Dinner Speaker Partner

**Australian Rainforest Honey Pty Ltd**

## Emerging Honey Bee Partner

**Dalrymple View Apiary Supplies**

## Business Workshop Partner

**Hive & Wellness — Australia**

## Industry Partner

**AgriFutures Australia**

*New South Wales Apiarists' Association appreciates your support*

# Court Orders EPA to Ban Pesticide Toxic to Kids

Courtesy: Pollinator Stewardsip Council

The Environmental Protection Agency must ban the use of chlorpyrifos—a pesticide linked to worker poisonings and learning disabilities in children—on produce sold in the U.S. within 60 days unless it can identify a safe level of use, the 9th Circuit Court of Appeals ruled in late April. The judges found the agency broke the law by continuing to allow the toxic chemical to be used to grow fruits and vegetables despite solid evidence that it harms the developing brain.

The ruling comes after a lawsuit by NRDC (Natural Resources Defense Council) and a coalition of labor and health organizations, represented by Earthjustice. The decision can be found [here](#).

From Jennifer Sass, senior scientist at NRDC: “The court ruled in favor of science, which has clearly shown that chlorpyrifos is too dangerous to be used to grow our food. The Trump EPA had allowed the continued use of this toxic pesticide, even though they knew it is damaging to human health – especially the developing brains of children. This will ensure that kids can eat fruits and vegetables free of this neurotoxin.”

NRDC has been fighting for over a decade to get chlorpyrifos off our fields and out of our food supply, petitioning EPA to ban it in 2007 alongside the Pesticide Action Network. EPA was finally on track to ban it at the end of 2016 until the Trump administration quickly reversed course and allowed farmers to spray chlorpyrifos on all sorts of crops, including children’s

favorites like apples, oranges, and berries. Farmworkers and their families, who are predominantly Hispanic, are most exposed, and consumers across the country are at risk, too.

Significant science—including a study by EPA itself—shows that exposure to even low levels of the pesticide in early life can lead to increased risk of learning disabilities, including reduced IQ, developmental delay, and ADHD. Chlorpyrifos is also a bee toxicant.

In the absence of EPA action, states had begun to get the pesticide out of the fields. As a result of a landmark settlement, California ended sales of chlorpyrifos in February of 2020 and completely banned its use in January of 2021. Hawaii’s ban goes into effect in 2022, New York has initiated a regulatory process, and Maryland has committed to a phase-out. Legislation is also pending in Congress to ban chlorpyrifos and similar pesticides nationwide.

Following action at the state level, Corteva Inc (formally part of Dow Chemical, which was the largest US producer of chlorpyrifos) announced it will cease production of the chemical by the end of 2020. Dow Chemical had close ties to President Trump. Among other things, the company reportedly donated \$1 million for Trump’s inauguration and its CEO previously played a chief advisory role to the president, heading up his now-defunct American Manufacturing Council.



Our thoughts and sympathies are with the family of  
Noel Chuck.

We know his life brightened yours.

His memories will be cherished forever.

14 Feb 1933 - 11 May 2021

## Position Vacant

Weerona Apiaries currently seeking an experienced beekeeper to join family business located in southern NSW.

Full-time position approx. 38hr per week plus overtime as required.

Must be prepared to travel & work away from home.

Must be motivated & able to work unsupervised

Salary negotiable

Contact Neil Bingley 0428 487 105



# *Scientists may have found a new coronavirus rapid-testing method: Bees*

By [Marisa Iati](#) May 8, 2021 at 7:40 a.m. GMT+10 Washington Post



The fight against the [coronavirus](#) pandemic has scientists tapping an unlikely resource: the finely tuned olfactory sense of bees.

Dutch researchers on Monday [said they have trained honeybees](#) to stick out their tongues when presented with the virus's unique scent, acting as a kind of rapid test.

Although it's a less conventional method than lab tests, the scientists said teaching bees to diagnose the coronavirus could help fill a gap in low-income countries with limited access to more sophisticated technology, like materials for polymerase chain reaction (PCR) tests.

"Not all laboratories have that, especially in smaller-income countries," said Wim van der Poel, a professor at Wageningen University, which led the research. "Bees are everywhere, and the apparatus is not very complicated."

The scientists trained roughly 150 bees with a Pavlovian conditioning method in which they gave the insects a sugar-water solution each time they were exposed to the smell of the coronavirus. When the bees were presented with a sample that was negative for the virus, they received no reward.

After repeatedly extending their tongues — technically called proboscises — for the sugar water, the scientists said the bees learned to stick out their tongues for a positive sample, even with no reward offered. Within hours, the insects were trained to identify the virus a few seconds after encountering it, the researchers said.

While the research continues, van der Poel said the scientists believe they can achieve about a 95 percent accuracy rate if they use multiple insects to sniff each sample. Their results have not yet been published or peer-reviewed.

"Our first goal was to demonstrate that we could train bees to do this, and that's where we succeeded," van der Poel said. "And now we are calculating, and we are continuing the work to see how sensitive the method is."

The idea for the research sprang from the founders of

Dutch insect-technology start-up InsectSense, who [had previously used bees](#) to detect mineral-rich ore and land mines. When staff realized they could also train bees to find the coronavirus, they looped in the university researchers.

Each time the scientists wanted to train a new set of bees, they used a refrigerator or the natural external temperature to cool them down and make them less active, van der Poel said. Then they put the bees in harnesses so they would stay still while confronted with the samples, which consist of the respiratory material from a nasal swab mixed with chemicals.

The bees smelled samples from both minks and humans, and were similarly good at identifying the virus in both situations, van der Poel said.

InsectSense said it is working on a machine that could train multiple bees simultaneously to make the diagnoses, as well as a biochip that would use genes from the cells that bees smell with to detect the virus. That method would circumvent the need to use live insects, which van der Poel said might be impractical on a large scale.

"If this is going to work, it can be very fast and very cheap," van der Poel said. "And that would be very convenient."

While researchers are also examining [whether dogs could be used](#) to detect the coronavirus, van der Poel said he thought scientists could more easily test samples with several bees than several dogs, given the relative ease of handling bees. [A study](#) published by the University of Pennsylvania last month suggested that dogs can detect the coronavirus with 96 percent accuracy.

Dirk de Graaf, a professor who studies bees at Ghent University in Belgium, [told Reuters](#) he was skeptical that coronavirus-sniffing bees would replace lab tests.

"It is a good idea, but I would prefer to carry out tests using the classic diagnostic tools rather than using honeybees for this," he said. "I am a huge bee lover, but I would use the bees for other purposes than detecting covid-19."

In addition to identifying diseases, animals — including dogs, wasps and [grasshoppers](#) — have long been used to detect explosives. Researchers working for the U.S. Department of Defense [began to study the concept](#), known as "insect sniffing," in the late 1990s.













*Life Member, Neil Bingley*

### **Cover Photos**

Do you have a bee related photograph that you would like to see on the cover of Australia's Honeybee News?

Email it to  
honeybeenews@icloud.com



**100% Australian Honey....Always!**

- 100% Australian family owned
- Family beekeepers since the 1880's
- Caring about bees, beekeepers, nature and families
- Putting people before profits to build a better beekeeping legacy
- Treating others like we'd like to be treated to make a difference for food security

To make your honey or beeswax make more of a difference contact Steven Goldsworthy on 0419 559 242 or [beekeeper@beechworthhoney.com.au](mailto:beekeeper@beechworthhoney.com.au)



[beechworthhoney.com.au](http://beechworthhoney.com.au)



# **EZYLoader**

**Ezyloader 125** - 125kgs Suits light trucks

**Ezyloader 200** - 200kgs Suits medium to large trucks

**Ezyloader 300** - 300kgs Truck mounted  
Suits medium to large trucks

- Manufactured in Australia
- Unique levelling feature for ease of load handling
- Boom brake system – ease of under-supering and requeening
- Split boom for load positioning
- 6 Different models – remote control option
- Lifting capacity up to 500kg
- Small footprint—no wasted valuable load space
- Fully self contained and low maintenance
- One man operation with controls at the load
- Special range of attachments

All enquiries please contact Mark  
SALES | SERVICE | REFURBISHMENT

**M & K STAFFORD ENGINEERING PTY LTD**

2/48 Piper Drive Ballina NSW 2478

B 02 6686 9736 | F 02 6686 9736 | M 0412 426 132

[www.ezyloader.com](http://www.ezyloader.com) | [mail@ezyloader.com](mailto:mail@ezyloader.com)

# POLLEN



## 100% PURE NATURAL POLLEN

Just as the bees collect it for themselves!

We have irradiated pollen as per AQIS standard

Just the right thing to get a broodnest started

for almond pollination

*Pollen available in 5kgs bags*

1 x 5 kg bag \$16/kg

4 x 5kg bags 1 Box \$14/kg

20 x 5kg bags 5 Boxes \$13/kg

Plus freight

Contact: Browns Bees Australia  
Terry Brown Ph: 02 6886 1448  
Email: [brownsbees@gmail.com](mailto:brownsbees@gmail.com)



## DALRYMPLE VIEW



### APIARY SUPPLIES

**MANUFACTURERS AND SUPPLIERS  
OF ALL YOUR BEEKEEPING NEEDS**

- **FRAMES**
- **SUPERS**
- **CLEARER BOARDS**
- **EXCLUDERS AND MORE**

**ALL  
AUSTRALIAN  
MADE USING  
QUALITY  
AUSTRALIAN  
HOOP PINE**



### FAMILY OWNED AND OPERATED

Locally owned and  
manufactured in our

factory on the Southern Darling Downs, QLD

**Stockist of most other beekeeping supplies**

65 Forde Street Allora QLD 4362 • 0448 717 051  
[www.dalrympleview.com.au](http://www.dalrympleview.com.au) • [sales@dalrympleview.com.au](mailto:sales@dalrympleview.com.au)

## POWER SHOT

## TURBO FRAME CLEANERS



**New  
Innovation!**

**Check  
Out These  
Results!**

**Frame cleaner + Hot Wash packages  
on special now!**

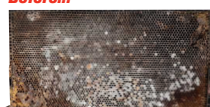
(available until end November 2019)

### Keep putting of the messy and thankless task of cleaning hive frames?

Welcome to the new innovative Powershot Turbo Frame Cleaner, giving you a comparative, mess free and quick solution for cleaning frames. No need to pre-soak or steam frames prior to cleaning These units are also adjustable to take the 3 sizes of plastic frames making it suitable for all users.

Obtain exceptional results for very little effort with these frame cleaners. Testing has proven 95% or better cleaning result even on the most difficult frames.

**Before...**



**After...**



**HOT WASH  
HW1211  
HIGH-PRESSURE WASHERS  
- HOT WATER**

**HW-1211**

Model	Description	Min. Pressure Req.	Min. Volume Req.	Max. Temp.
PS1000FC	Single Side Hive Frame Cleaner	1800psi	11L/pm	60°
PS2000FC	Double Side Hive Frame Cleaner	1800psi	19L/pm	60°

Buy now for the season - Call Andrew on 0400 259 646 Email: [sales@powerblast.com.au](mailto:sales@powerblast.com.au)

[www.powershot.co.nz](http://www.powershot.co.nz)



# AUSTRALIAN HONEY BEE INDUSTRY COUNCIL INC.

ABN 63 939 614 424

PO Box 42, Jamison Centre, Macquarie ACT 2614

[ahbic@honeybee.org.au](mailto:ahbic@honeybee.org.au)

Ph: 0402 467 780

[www.honeybee.org.au](http://www.honeybee.org.au)

## Friends of AHBIC Voluntary Contribution Form

Supporting Australia's national beekeeping industry with a voluntary contribution

ease complete this form and return by email to [ahbic@honeybee.org.au](mailto:ahbic@honeybee.org.au) or PO Box 42 Jamison Centre, Macquarie ACT 261

Friend Category	Investment	Friend Category	Investment
Platinum Plus	\$60,000 & above	Silver	\$1,000 - \$1,999
Platinum	\$20,000 - \$59,999	Bronze	\$500 - \$999
Gold Plus	\$5,000 - \$19,999	Copper	\$100 - \$499
Gold	\$2,000 - \$4,999	Other	\$0 - \$99

### Contribution Details

Name: .....

Address: .....

.....State.....Postcode.....

Email: (Please PRINT clearly).....

Phone: ..... Date: .....

### Payment Method

Amount: \$.....

#### 1. EFT Deposit (preferred payment method)

Account Name: Australian Honey Bee Industry Council Inc

Bank: Bendigo Bank

BSB: 633 000

Account No: 150 976 405

Reference: Please include your NAME as the reference

#### 2. CHEQUE: Please post cheque with this form to PO Box 42 Jamison Centre Macquarie ACT 2614

#### 3. CREDIT CARD: Online at <https://honeybee.org.au/friends-of-ahbic-voluntary-contribution/>

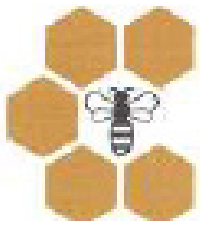
Please circle YES/NO to the following:

- |   |          |
|---|----------|
| 1. The AHBIC newsletter lists contributors                  |          |
| i. Publish your name  | YES / NO |
| ii. Publish the contribution amount                         | YES / NO |
| 2. I would like to receive a copy of the monthly newsletter | YES / NO |

Please note all contributors will be emailed a receipt

Your contribution is gratefully appreciated, thank you.





# AUSTRALIAN HONEY BEE INDUSTRY COUNCIL INC (AHBIC) UPDATE

Full newsletter available from <http://honeybee.org.au>

## ***NEWS FROM THE CHAIR, Trevor Weatherhead AM***

1. It was good to be able to attend the New South Wales Apiarists Association conference at Tamworth and meet old friends. Happy that we could report to the members on what AHBIC has been doing.

2. Unfortunately due to the Covid lockdown in Victoria we could not attend the Tasmanian Beekeepers Association conference in person. This was because we were transiting through Melbourne and if we had gone we would have had to quarantine in a hotel back in our home State for 14 days. We were able to join by Zoom so we were able to give the members information about the AHBIC activities.

3. With next year being 200 years since the successful introduction of honey bees to Australia thought I should address an issue that has arisen in recent years. There are reports that the honey bees were introduced for pollination of crops. In all my research I cannot find any reference to pollination and having asked those who say this to give me a reference none have been forthcoming to date. If someone has those references then I am more than happy to change my narrative.

In the reports in the Sydney Gazette of the time there are no reports of the honey bees being brought out for pollination. There is a reference saying "in a few years, we shall be able to add honey and beeswax to our numerous productions". Also when you think of the crops grown at that time e.g. wheat, corn, oats, barley etc. They did not need honey bee pollination. The few crops that would have needed pollination would probably have been pollinated by native bees and insects.

## ***NOTE FROM CEO, Helen Goodall***

As Trevor mentioned we both attended the New South Wales Apiarists Association (NSWAA) Annual Conference from 20-21 May 2021 in Tamworth NSW. It was a great opportunity to meet so many beekeepers and I was pleased to meet Trevor for the first time face to face. Both Trevor and I will be in Southport for the QBA Conference this week. Our presentation at the state conferences

provides an overview of the activities and operations of AHBIC.

AHBIC is now active on Social media. Stay connected with AHBIC We have officially launched an Instagram and LinkedIn account! Follow us to receive the latest industry news, beekeeping stories, fun facts and more. Instagram: @australianhoneybees LinkedIn: Australian Honey Bee Industry Council You can also find us on: Facebook: Australian Honey Bee Industry Council Twitter: @AustBee

Do you have some content you would like us to share? Tag us or use #AHBIC for us to see!

I was fortunate to attend World Bee Day celebrations in Canberra on Saturday the 22 May 2021. Please visit our social media pages to see the event posts. A special thanks to Cormac Farrell, head beekeeper at Parliament House who attended all the events in Canberra and provided many insights for the general public into the world of beekeeping. Thank you Cormac for all the hours you volunteer for the industry.

As a reminder the AHBIC AGM will be held face to face (Covid allowing) on Sunday 11 July 2021 in Bendigo Victoria. There will be three positions up for election as follows: • The Deputy Chair. Stephen Fewster retires from this position and is eligible for re-election. • Two (2) positions on the Executive. Leilani Leyland and Therese Kershaw retire and are eligible for re-election

## ***UPCOMING MEMBERS CONFERENCES***

South Australian Apiarists Association (SAAA)  
Annual Conference and AGM  
24 -25 June 2021 , Berri Hotel, Riverland, SA

Bee Industry Council of WA (BICWA)  
Australasian Honey Bee 2021 Research Conference  
29 June – 1 July 2021, Perth WA

Victorian Apiarists Association (VAA)  
Annual Conference and AGM Sessions, 7 – 9 July  
2021, Bendigo VIC

Australian Honey Bee Industry Council (AHBIC)  
AGM, 11 July 2021, Bendigo VIC

# HUNTER VALLEY APIARIES

Col & Linda Wilson PO Box 180, KURRI KURRI NSW 2327 Ph/Fax: (02) 4930 4950

## FOUNDATION

### PLASTIC

The Best Plastic Foundation  
You Can Buy  
Dominates Sales in  
USA and CANADA  
Sizes, FD, WSP, Manly, Ideal

Full **PLASTIC FRAMES**  
available

### WAX

We can mill to the thickness  
you require  
Have your own wax milled or  
exchanged for foundation in  
stock

**DRONE COMB FOUNDATION**  
available

Wax bought or exchanged for  
bee goods

**FRAMES Mahurangi NZ**  
**Premium Quality**

For Plastic and Wax Foundation

**BEE BOXES**

**WEATHERTEX** Lids & Bottom  
Boards

**QUEEN EXCLUDERS**

**FRAME FEEDERS**

**QUEEN CELLS**

**AFB**  
**TEST KITS**

Quick and easy to use  
Results in just 3 minutes

**SWARM ATTRACTANTS**  
**APITHOR** for Small Hive Beetle

**NOZEVIT**

HIVES CAN BE TREATED FOR LESS THAN \$1

**Healthy** bee colonies build brood faster in the  
Spring, and will winter extremely well when  
their intestinal integrity is intact. By using all  
natural Nozevit as a food supplement for intestinal  
cleansing for internal ailments.

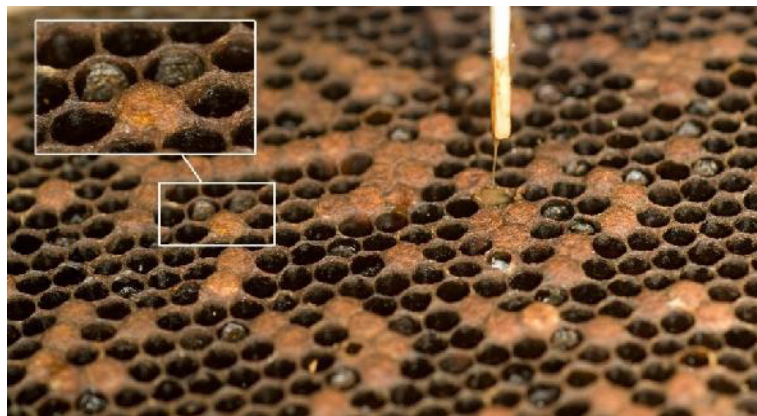
i.e. nosema

**For All Your BEEKEEPING SUPPLIES**

Email: [honeybee100@skymesh.com.au](mailto:honeybee100@skymesh.com.au)

Phone: 02 4930 4950

# Could this be happening to your beehives?



Disease in bee equipment can be a major problem if left untreated.

The devastating effect diseases such as American and European Foulbrood can cause is a constant concern for beekeepers.

Treatment using Gamma Irradiation is a well established and proven method for eliminating pathogens from bee equipment and killing all forms of insect and pest contamination.

Irradiation also assists with increasing honey yield.

## Is sterilisation a key step in your production process?

Gamma Irradiation provides the most effective sterilisation solution for manufacturers of medicinal honey products.

Sterilisation ensures a quality product that meets all regulatory and business requirements.

Steritech has been a provider of Gamma Irradiation services to the medicinal honey industry for many years. Using our expertise and knowledge we can assist you with your sterilisation requirements.



***YOU CAN RELY ON IRRADIATION – YOU CAN RELY ON STERITECH***

### *Your bees are calling out to you!*

Steritech has been providing Gamma Irradiation to the beekeeping industry for many years. In fact, the irradiation of bee equipment was pioneered in Australia!

Whether our service is used to eliminate current contamination or is used as a preventative measure, Steritech is always happy to help our beekeepers.

From beehives to medical applications, Steritech is there for you.

**Steritech is a proud member of the NSWAA**



### **Innovation is driven from ideas**

The concept of using irradiation in the beekeeping industry all started with an idea on how to do things a bit differently.

We are constantly trying to develop ways to utilise our processes to help your industry in lots of new ways.

But without your ideas and input, gamma irradiation would not be where it is today.

Come and share your thoughts and ideas with us. You could hold the key to developing a new application that could alter the beekeeping industry forever.



*Please contact us about any inspirational ideas you have*



[www.steritech.com.au](http://www.steritech.com.au)

#### **STERITECH NSW**

Jamie Crighton

National Business Development Manager

Tel: 02 8785 4400

Email: [jcrighton@steritech.com.au](mailto:jcrighton@steritech.com.au)

#### **STERITECH QLD**

Glenn Robertson

QLD General Manager

Tel: 07 3293 1566

Email: [grobertson@steritech.com.au](mailto:grobertson@steritech.com.au)

#### **STERITECH VIC**

Raymond Bryden

VIC Sales Executive

Tel: 03 8726 5566

Email: [rbryden@steritech.com.au](mailto:rbryden@steritech.com.au)



# BEEKEEPING JOURNALS

## AMERICAN BEE JOURNAL

For beekeeping information read

The American Bee Journal

Editorial emphasis on practical-down-to-earth material,  
including questions and answers.

1 year US\$52.00, 2 years US\$99.00

Digital Edition price US\$16.00

Please inquire for airmail - VISA, MasterCard accepted

For more information or free sample copy, write to:

51 South 2<sup>nd</sup> Street, Hamilton, Illinois, 62341

Tel: (217) 847 3324 Fax: (217) 847 3660

Email: abj@dadant.com

Website: www.americanbeejournal.com

The American Bee Journal is the largest monthly  
apiculture magazine in the world.

## BEE CULTURE

The Magazine of American Beekeeping

Published Monthly - Free Calendar with Subscription

www.BeeCulture.com for details

## AUSTRALIAN BEE JOURNAL

The Journal of the Victorian Apiarists' Association Inc.

Published monthly

Annual subscription: \$82 Australia / \$120 overseas

For more information and a free sample copy

Contact: The Editor

PO Box 42, Newstead VIC 3462

Email: abjeditors@yahoo.com

## THE BUZZ!

South Australian Apiarists' Association Newsletter

Published 5 times annually

Included in annual membership subscription to SAAA  
(minimum subs \$100.00)

For further information please contact:

The Secretary, SAAA

PO Box 326 Mt Compass SA 5290

Ph: 0419 982 102

Email: secretary@saaa.org.au

## THE AMATEUR BEEKEEPER

Bi-monthly newsletter for

The Amateur Beekeepers' Association Inc..

Editor: Sue Carney

Email: editor@beekeepers.asn.au

## THE NEW ZEALAND BEEKEEPER

Official Journal of Apiculture New Zealand Inc. - www.  
nba.org.nz

Accounts & Subscriptions: Pauline Downie

PO Box 25207 Wellington 6146 New Zealand

Phone: 04 471 6254

Email: secretary@nba.org.nz

Advertising: Certa Solutions

PO Box 2494, Dunedin 9044, New Zealand

Ph: 0800 404 515

Email: beekeeper@certasolutions.co.nz

# ADVERTISERS

Apiary Cots	6
Apimaye Hives	20
Australian Queen Bee Exporters	12
Australian Queen Bee Line Pty Ltd	18
Avant Equipment	7
Bee Build	21
Bee Engineering	12
Beechworth Honey Pty Ltd	40
BeePlas Australia	12
Berringa	21
Boutelje Products Ltd	28
B-QUAL Australia Pty Ltd	12
Browns Bees Australia	41
Burnett Bee Keeping Supplies	2
Capilano Honey Ltd	47
Clayton Plastics	22/23
Covey Queens	13
Dalrymple View Apiary Supplies	41
Demise	19
Denmar Apiaries	2
Ezyloader	40
Giordan	17
Honey Down Under	2
Honey Wanted	6
Hornsby Beekeeping Supplies	26
Hummerbee Forklifts	9
Hunter Valley Apiaries	44
Jz's Bz's Queen Cages	6
Kaptarlift	20
Lyson Beekeeping Supplies	10
MyApiary	19
NUPLAS - Plastic Hives	24/25
Power Shot	41
Riverina Beekeeping Supplies	16
SCHÜTZ	48
Simons Boiler Co	8
Spitwater	14
Steritech Pty Ltd	45
Superbee	21
Top Bait Plus	19
WFI Insurance	13
www.candlemaking.com.au	2

100% AUSSIE HONEY



# PROUDLY AUSSIE MADE & OWNED

**Capilano: Australian owned and operated, since 1953.**

Capilano is owned by a wholly Australian company, Hive + Wellness Australia that is proudly headquartered in Richlands, QLD.

The honey used in Capilano products is supplied by over 800 Australian beekeepers and is packed and marketed by around 150 hardworking Australian locals across three sites in Richlands, QLD, Maryborough, VIC, and Bayswater, WA.

Hive + Wellness Australia is committed to innovation and quality in Australian bee products. We are equally dedicated to protecting and fostering the growth of the Australian Apicultural industry and your family's hardworking beekeeping businesses.

We are actively seeking to expand our supplier network, sourcing quality honey and beeswax from new and existing beekeepers.

To become a supplier, please contact our Honey Supply Manager, Stephen Covey:  
**P:** 0419 431 652 **E:** [s.covey@hivewell.com](mailto:s.covey@hivewell.com)

**Hive+Wellness**  
A U S T R A L I A

Proud supporter of  
100% Australian Honey





# THE HONEY INDUSTRY IS SWARMING TO **SCHÜTZ ECOBULK**



## FEATURES INCLUDE:

- Economically designed for the safe transport and storage of honey – at least 25% more efficient than traditional packaging
- Can be easily stacked up to 3 ECOBULK high
- Capacity MX ECOBULK – 1,000L (275 Gal)
- Manufactured under HACCP conditions in a clean environment

**CONTACT SCHÜTZ TO ORDER YOUR ECOBULK TODAY** AT [SALES@SCHUETZ.NET](mailto:SALES@SCHUETZ.NET) OR ON 03 9360 9291