

AUSTRALIA'S

# HONEYBEE NEWS

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

Volume 11 Number 1  
Jan - Feb 2018



# DENMAR APIARIES

## ITALIAN

Prices effective from 1 July 2017

## UNTESTED

1-10 ..... \$26.00 each

11-49 ..... \$20.50 each

50+ ..... \$19.00 each



**Join now**

**and isolated mated breeders = \$420.00**

**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: (07) 4168 6005 Fax: (07) 4169 0966

International Ph: +61 7 4168 6005 Fax: +61 7 4169 0966

Email: [ausbee4@hotmail.com](mailto:ausbee4@hotmail.com)



### John Covey

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

Ph: 0427 046 966

PO Box 72 Jimboomba QLD 4280

### Specialising in Caucasian Queen Bees

1 - 9	.....	\$32 ea
10 - 49	.....	\$28 ea
50 - 199	.....	\$25 ea
200 and over per season	.....	Discounts apply
Queen Cells	.....	\$6.60 ea - collect only

### Breeder Queens - \$550

*Naturally mated on a remote island*

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

Prices include GST

Valid September 2017 to March 2018

Terms: Payment 10 days prior to dispatch

### 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)



### Stop By and Visit Our New Shop

18 East Street, Barton Highway

Murrumbateman NSW 2582

P: 02 6226 8866 M: 0408 260 164

E: [sales2@bindaree.com.au](mailto:sales2@bindaree.com.au) W: [www.bindaree.com.au](http://www.bindaree.com.au)



# AUSTRALIA'S HONEYBEE NEWS

The official Journal of the NSW Apiarists' Association (NSWAA) www.nswaa.com.au

Published Bi-Monthly Email: honeybeenews@bigpond.com ISSN 1835 6621

## CONTENTS

Executive & Industry Contacts	Page 4	Lead in Honey Bees	Page 24
President's Report	Page 5	3rd Australian Bee Congress	Page 25
NSWAA Executive Council Nomination Form	Page 6	2018 Honeyland Volunteers	Page 25
AHBIC Announcement	Page 11	Bee Biosecurity Officer	
Doug's Column - Codes	Page 13	Report - Barrier Systems	Page 28
Bacteria in Bee Gut	Page 17	Funds Sort to Refute NZ Claim to	
NSWAA Annual General Meeting	Page 18	Manuka Name	Page 30
The Frost Report - Nth Coast Private		Beekeeper Journals	Page 46
Native Forest Study	Page 20	Advertisers	Page 46

**COVER:** Our diminishing resource, a once productive site on the Monaro E. Bridgesiana . Photo Neil Bingley

Copy Deadline for Next Issue of *Australia's Honeybee News* - 14 March 2018

## Pre-Paid Advertising Rates

	FULL PAGE		HALF PAGE		QUARTER PAGE		EIGHTH PAGE	
	B & W	Colour	B & W	Colour	B & W	Colour	B & W	Colour
<b>6 Issues</b>	\$1265.00	\$2090.00	\$730.00	\$1180.00	\$475.00	\$640.00	\$270.00	\$380.00
<b>3 Issues</b>	\$760.00	\$1180.00	\$450.00	\$635.00	\$285.00	\$350.00	\$175.00	\$215.00
<b>1 Issue</b>	\$315.00	\$465.00	\$175.00	\$260.00	\$130.00	\$175.00	\$95.00	\$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) AU\$95.00 - Payable to NSWAA, PO Box 5022 South Tamworth 2340 Australia Email: 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.

**Editor:** Vikki Bingley PO Box 7425 Sutton NSW 2620

**Advertising Enquiries:** Mobile: 0427 552 001 Email: honeybeenews@bigpond.com

**Printer:** Impress Printers 2/55 Townsville Street Fyshwick ACT 2609  
Phone: (02) 6280 4238 Email: terry.impress@iinet.net.au

### 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 Code of Practice for Keeping Bees on Forested Lands
- 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 Hayes Mob: 0417 943 451 E: jane.hayes@wfi.com.au
- SCHUTZ (Australia) Pty Ltd - IBCs special members' rate

## NSW APIARISTS' ASSOCIATION INC. EXECUTIVE COUNCIL



*Stephen Targett, Shona Blair, Neil Bingley, Roslynn (Ros) Riggs, Casey Cooper & Mark Page*

**PRESIDENT:** Neil Bingley 101 Woodfield Rd Sutton 2620 Mob: 0428 487 105 Email: [beez101@bigpond.net.au](mailto:beez101@bigpond.net.au)  
**VICE PRESIDENT:** Dr Shona Blair 13 Lambert St Erskineville 2043 Mob: 0422 977 510 Email: [shonaebclair@gmail.com](mailto:shonaebclair@gmail.com)  
**COUNCILLORS:**  
 Casey Cooper Darby's Road Tingha 2369 Mob: 0428 233 551 Email: [cooperbees@bigpond.com.au](mailto:cooperbees@bigpond.com.au)  
 Mark Page 424 Minimbah Road Minimbah NSW 2312 Mob: 0448 444 606 Email: [mpage6541@gmail.com](mailto:mpage6541@gmail.com)  
 Stephen Targett PO Box 325 Narrandera NSW 2700 Mob: 0428 649 321 Email: [wally.56@hotmail.com](mailto:wally.56@hotmail.com)  
**SECRETARY/TREASURER:** Roslynn (Ros) Riggs PO Box 5022 South Tamworth 2340  
 Mob: 0400 441 346 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  
 Barry Watts 02 6689 5359  
 Richard Willis 0428 323 812  
 David Mumford 02 6959 2519  
 James Kershaw 0400 370 481  
 Paul Drew 02 9887 1175  
 Ray Hull 02 6760 3634  
 Bryn Jones 02 6887 2638

### SECRETARIES

Linda M'Crystal 02 6337 6652  
 Contact President  
 Col Maloney 02 6663 7051  
 Glenn McConnell 02 6732 3222  
 John Smith 02 6926 2227  
 Judy Saxvik 0427 684 114  
 Jane Flitter 0413 769 411  
 Norm Maher 0447 603 245  
 Lisa Mumford 02 6887 2638

### AUSTRALIAN HONEY BEE INDUSTRY COUNCIL (AHBIC)

**Chairman:** Lindsay Bourke Ph: 0418 131 256  
 Mailing Address: 11/11 High St, Launceston TAS  
 Email: [queenvic@cradlemountain.com.au](mailto:queenvic@cradlemountain.com.au)

**Executive Director:** Trevor Weatherhead Ph: 07 5467 2265  
 Mailing address: PO Box 4253, Raceview QLD 4305  
 Email: [ahbic@honeybee.org.au](mailto:ahbic@honeybee.org.au) Website: [www.honeybee.org.au](http://www.honeybee.org.au)

### HONEY BEE RESEARCH & DEVELOPMENT COMMITTEE (HBRDC)

Ms Margie Heath, Project Manager, RIRDC PO Box 4776, Kingston ACT 2604 Ph: 02 6271 4145  
 Email: [Margaret.Heath@rirdc.gov.au](mailto:Margaret.Heath@rirdc.gov.au) Website: [www.rirdc.gov.au](http://www.rirdc.gov.au)

### AUSTRALIAN QUEEN BEE BREEDERS ASSOCIATION (AQBBA)

**Secretary:** Mrs Paula Dewar, 157 Lake Moogerah Road Kalbar QLD 4309 Ph: 07 5463 5633 Email: [aqbba@bigpond.com](mailto:aqbba@bigpond.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



## Season

Prolonged hot spells have all but curtailed any production from ground flora although some useful surpluses were obtained over the Christmas New Year period.

The earlier rains have spurred on growth on many eucalypts, which may set some bud but at this stage bud set is extremely variable. Some short budders have set some bud but it is not generally a good general set.

Prospects remain well below normal for autumn and winter in southern NSW and minimal production from now through to spring is most likely.

## Public Lands

The transition from dealing with individual agencies to a single desk is slowly progressing with interviews for the position completed and the successful candidate soon to be announced. It was pleasing to see so many apply for the position, I think there were 35 or so.

Next time I hope to be able to report to industry that we have progressed well towards the establishment of the single desk with all the required programs and other reforms being undertaken.

Meanwhile members will still have to grapple will dealing with the individual agencies and their differing and sometimes difficult requirements.

Any members that experience difficulties when dealing with these agencies please contact your executive so at least we know what is happening and try to resolve any issues.

## Executive

As I stated in my last report your Association needs you to step up and NOMINATE for a position on the State Executive council.

As at time of writing we have NOT received any nominations and I am extremely concerned that members think { She'll Be Right Mate} well let me be quite clear .WE NEED AT LEAST 3 NOMINATIONS from other than currently serving Exec members, to have a constitutionally functioning Association. Please seriously consider nominating and fill in the nomination form in this issue or on our website: NSWAA.COM.AU and return to our secretary.

## Website

On a lighter note the long anticipated upgrade to our website and associated functions is well underway and we hope to have it operational in time for Member renewals and AGM registrations.

## Apiary Policy

I have been approached by the shadow minister for Primary Industries to help formulate an Apiary policy prior to the 2019 state election.

I see this as very positive for our industry and hope to meet soon.

## AGM & Congress

Members remember when booking your accommodation to attend the Congress on the Gold Coast to add time to attend our AGM on June 26 at the Royal Pines Resort.

## Executive Meeting

The next executive meeting is to be held at Tocal on March 16

## **NSW AA Annual General Meeting 2018**

**Tuesday 26 June  
1.00pm -4.30pm**

**RACV Royal Pines Resort  
Gold Coast QLD**



# NSW APIARISTS' ASSOCIATION INC.

ABN: 89 417 216 326

## NOMINATION FORM - EXECUTIVE COUNCIL

### NOMINEE (Person you are nominating)

Name: .....  
(please insert nominee name)

Member No: .....  
(insert nominee member no.)

I hereby accept this nomination.

Signed: .....

### NOMINATOR

I .....  
(print your name)

Member No: .....  
(insert your membership number)

hereby nominate the person listed above as the Nominee for a position on the NSW Apiarists' Association Inc. Executive Council.

Signed: .....

### SECONDER

Name: .....  
(please insert nominee name)

Member No: .....  
(insert your membership number)

hereby second the nomination of the person listed above as the Nominee for a position on the NSW Apiarists' Association Inc. Executive Council.

Signed: .....

- No member of the Association shall be eligible for election to the Executive Council unless they reside in NSW or the ACT and has been a Financial Member for at least two successive years immediately prior to the date of the holding of the Annual Conference.
- Each member shall be elected for a 2 year term and must retire from office at the annual Conference held at the end of such 2 year term, but if eligible, may seek reappointment.

### Return:

By Post to: NSW Apiarists' Association, P O Box 5022, South Tamworth NSW 2340

Or Email to: [info@nswaa.com.au](mailto:info@nswaa.com.au).

**This form to be submitted no later than three weeks (3) prior to the AGM.**

# Bee smarter

See us at the NSWAA Inc. North Coast Branch  
National Beekeeping Field Day at  
Alstonville Showground on Sat. 20th May, 2017



**Get Sorted quickly and efficiently with a utility multi-purpose loader from Avant Equipment Pty Ltd.**

We supply and support a wide range of **AVANT** Compact Loaders, Manufactured in Europe to the highest specifications, these machines are rugged, reliable and well designed for access, safety and ease of maintenance. Work smarter not harder.



- + Easy to use
- + High clearance, all wheel drive
- + Lightweight and compact
- + Easy transport / storage
- + 150+ attachments
- + Backed by a family firm in business for 36 years



**ACT NOW**

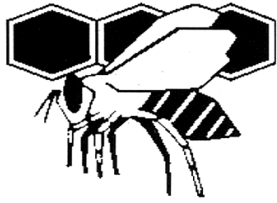
It will be the  
best addition  
to your  
business

Free Call - 1800 686 411  
or Ph- 02 42726853

www.avantequipment.com  
email - sales@avantequipment.com

- + Easy finance options
- + Models also available for lease
- + Excellent finance rates and payments customised to suit your seasonal income.
- + Prompt delivery anywhere in Australia

**AVANT** Equipment Pty Ltd



# PENDERS

BEEKEEPING SUPPLIES

ABN 27 009 052 155

72 Munibung Rd  
Cardiff 2285 NSW  
Australia

Suppliers of Beekeeping and  
Honey Processing Equipment

Boxes, Frames and all Woodware  
Excluders - Welded Wire and Plastic

Stainless Steel Extractors  
Honey Tanks and Pumps

**Weathertex** - Covers and Bottom Boards, Special sizes available

Veils, Gloves, Overalls, Bee Suits and Jackets, Hive Tools, Brushes  
Hats, Smokers, Knives, Pails, Jars etc. all your beekeeping needs

We have a very extensive selection of books on all aspects of beekeeping

We buy and exchange wax for foundation. Good prices paid

**MAIL ORDER IS OUR SPECIALITY - PHONE FOR A PRICE LIST**

**Ph: (02) 4956 6166 Fax: (02) 4956 6399**

# 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 | mail@ezyloader.com





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**

## 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**

### 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**  
**02 9653 3600**



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

## Valley Bee Keeping Supplies

SUPPLYING ALLIANCE WOODWARE & FRAMES  
SPECIALISING IN WIRED & EMBEDDED FRAMES  
ASSEMBLED, TREATED & PAINTED BOXES  
LIDS & BOTTOMS

A FULL RANGE OF BEEKEEPING EQUIPMENT  
FOR THE AMATUER BEEKEEPER  
HONEY EXTRACTION, STROAGE &  
CONTAINERS

NSW AGENT FOR HIVEMIND NZ

MAIL ORDER WELCOME

OR

SHOP ONLINE

[www.valley-industries.com.au](http://www.valley-industries.com.au)



70 Whitbread Street, Taree NSW 2430

[admin@valley-industries.com.au](mailto:admin@valley-industries.com.au)

Phone 6552 8888



**Valley Industries Ltd**

*"Helping People to Help Themselves"*

## Clayton Plastics

**AU Kingsun Pty Ltd**

5 Lydia Court, Epping  
Vic 3076

TEL: 03 9480 0611 03 8401 4248

FAX: 03 8401 4969

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

### Affordable quality honey pails

#### Non-Tamper evident range

500 gram

1.0kg

1.5kg

3.0kg

5.0kg

#### Tamper evident range

1.0kg

1.5kg

3.0kg

5 Ltr



- Under new management
- 40 years servicing the honey industry
- Melbourne based manufacturing

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

**Call 03 9480 0611**

# AUSTRALIAN HONEY BEE INDUSTRY COUNCIL INC

ABN: 63 939 614 424



Address: P.O. Box 4253, Raceview Q 4305

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

Phone: 07 5467 2265

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

## CONGRATULATIONS TO TREVOR WEATHERHEAD AM

In the Australia Day Honours list published on Friday 26 January 2018 Trevor Weatherhead was appointed as a Member in the General Division of the Order of Australia.

We congratulate Trevor on this award which is well deserved.

Trevor has been involved in biosecurity issues affecting our industry since the 1980's. He has also been involved with AHBIC, and its predecessor the Federal Council of Australian Apiarist's Association (FCAAA) for many years and also served as President of the Queensland Beekeepers Association.

Trevor has acknowledged that this award would not be possible if not for the help given by members of our industry.

I believe that we should also offer thanks to Marion, his wife, for the support and work she has given which has allowed Trevor to be able to carry out the duties for our industry.

So once again congratulations Trevor.

Lindsay Bourke  
Chairman  
Australian Honey Bee Industry Council Inc.  
29 January, 2018.

# 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

# DOUG'S COLUMN

Doug Somerville  
Technical Specialist, Apiculture - NSW Department of Primary Industries - Goulburn  
doug.somerville@dpi.nsw.gov.au



## CODES

Code of Practice, Code of Conduct, Condition of Use, Acts and Regulations, Guidelines: what are they all about and how are they going to impact on my beekeeping and ability to carry out a business?

Each varies in its legal standing and even the issuing authority (author) will have an impact on the level of compliance you may or may not need to take note of.

### Acts and Regulations

Acts and Regulations are quite different. An Act is passed by Parliament and can only be amended or changed by another Act of Parliament. Acts set out the broad legal or policy principles. A recent example of this within NSW is the new Biosecurity Act 2015. This Act came into force on the 1<sup>st</sup> July 2017 and supersedes the Apiaries Act 1985. Thus the old apiaries Act is now wholly repealed and is replaced by the Biosecurity Act 2015.

Regulations are subsidiary legislation and are required to be published in the relevant Government Gazette to be legal. These are documents that dictate how the Act is going to be applied. Regulations to Acts can only be amended by a notice published in the Government Gazette.

Generally, if a statement of Law is required, then reference to the Act should be made. Where the detail on what or how the Act is to be implemented, then the Regulations are the 'go to' document. ([www.slp.wa.gov.nsf/web/topics](http://www.slp.wa.gov.nsf/web/topics)).

There is no argument or discussion to be had on Acts and Regulations; they are a matter of law by the relevant Government (State or Federal). In our case (beekeepers), State Government laws and regulations are the main focus. What is published in the NSW Government Gazette pertaining to beekeeping becomes mandatory. In other words, legal actions by the NSW Department of Primary Industries (DPI) Compliance Officers may occur if there is a breach of the Biosecurity Act 2015 or subsequent regulations.

### Code of Practice

These are usually, but not always, created by industries. They are designed to provide benefits to all industry participants and even other parties, such as the general public.

An industry Code of Practice is a set of rules and measures used to regulate industries' behaviour or conduct on a given subject. The role of a Code of Practice is to improve overall industry standards and behaviour in a given area. This is considered a flexible and low cost form of regulation.

A Code of Practice can be set up for entire industries or by an individual business. If a Code is mandatory, then they are potentially legally enforceable by government regulators. If they are voluntary, then it will be relevant to members of an industry that have agreed to the code, to be bound by it. An effective voluntary Code has the desired outcome of reducing the need to regulate industries' activities.

The benefits of a Code of Practice are obvious. They create a single document, which is hopefully not ambiguous, that sets out how members of an industry (or business) must behave in relation to their business practices.

In the beekeeping scene, the main example of this is the *Biosecurity Code of Practice*. The Australian beekeeping industry has a nationally agreed to Code of Practice. This in itself does not override Government Acts and Regulations, but does strongly complement them.

The Australian beekeeping industry went through an extensive consultation process to formalise the Code. The ultimate aim is for government legislation to recognise the Code, which then makes it mandatory.

Even so, government and industry now have a universally nationally agreed to document that becomes useful for all parties. It clearly sets out what is expected from beekeeping industry participants and provides a strong message to governments in all states as to what is expected by industry in the biosecurity arena. At the very least, it is likely to provide strong guidance to government policy makers and officials as to what the collective beekeeping industry regards as important in this subject.

Another Code of Practice of note in NSW is the *Beekeeping Code of Practice for NSW*. This was developed by a joint industry (commercial and recreational beekeepers) and government (NSW Department of Primary Industries) in August 2000.

This Code was compiled to allow the keeping of bees in a manner compatible with the area in which they are located, and to encourage the keeping of bees in such a way as to be acceptable to the general public. The Code sets out what constitutes a suitable number of beehives acceptable in backyards and various size allotments. Things like providing water, siting hives, keeping docile strains of bees, controlling swarms etc., are covered by the Code.

On its own it is an 'agreed to' set of rules by which beekeepers should strongly consider adhering to in their

keeping of bees, particularly in an urban environment. Failure to adhere to the Code is not an offence in its own right, but the Code may be used by authorities to measure what is acceptable practice.

When the general public complain about an individual keeping beehives in an urban setting, the NSW DPI Compliance Officers often use the Code to determine what is a reasonable situation. If the beekeeper is clearly not adhering to the Code, then the Compliance Officer is likely to favour the complainant. If the beekeeper is clearly adhering to the Code, then the Compliance Officer may tend towards a decision that favours the beekeeper.

While the Code is not compulsory, it certainly is a wise move by a beekeeper to be conscious of the detail of the Code and take steps to be guided as strongly as possible by it. (Reference: Primefact 893 NSW DPI).

### **Best Management Practice**

Possibly a play on words, but similar to a Code of Practice and again not mandatory. Best Management Practice is a practice or collection of practices that are practical and effective at preventing or reducing adverse situations.

Best Management Practices were, and still are, popular with various individuals or agencies to produce a set of guidelines to state the preferred way of doing something. An example in the beekeeping industry is the *Best Management Practice for the transportation of open entrance beehives*.

This is an interesting heading in its own right as the vast majority of commercial beehives are transported open entrance to ensure they don't overheat. Bee colonies produce a lot of heat and when locked up in a sealed container, such as a beehive, will die quickly. To overcome this, the majority of beekeepers load beehives in the late afternoon and transport them during the night.

In the interests of public safety the peak beekeeping industry body, the Australian Honey Bee Industry Council Inc., produced the Best Management Practice document.

The document covers a range of 'to do' points to reduce the risks to the public when transporting open entrance hives. Produced in July 2014, the document was initiated due to a range of situations, one of the main areas being trucks loaded with beehives pulling up at service stations to refuel. There have now been a number of examples where this inappropriate practice has resulted in members of the public being stung and even the service station ceasing operation until the 'stray' bees are dealt with.

While the Best Management Practice is not law or mandatory, it is certainly wise to consider its content if you are a beekeeper who transports beehives. If a member of the public or a business is inconvenienced by bees, at a service station say, by being stung, then it is reasonable to assume that they have recourse to take legal action against that beekeeper or driver. In this situation the very existence

of the document and its details may become evidence for those who wish to take the offending beekeeper to task. Something to consider in the future; particularly with the proliferation of dash cameras and CCTV. (Reference: Australian Honey Bee Industry Council Inc. web site: [www.honeybee.org.au](http://www.honeybee.org.au)).

### **Terms and Conditions**

Frequently we see these sets of words attached to goods and services that we may purchase from time to time. Their detail can be very important as they often refer to what a business or manufacturer claims, or do not claim these goods or services may, or may not, be able to deliver.

Generally, they may include special arrangements, requirements or rules. *Conditions of Use of Apiary Sites on Public Lands* is one such document where this is an example associated with beekeeping. In essence, the Conditions of Use document that is associated with the use of public lands for apiary sites becomes the contract between a specific government agency and the beekeeper. Failure to adhere to the terms and conditions or conditions of use may result in the cancellation of the permit by the relevant government agency.

In some states, the Terms and Conditions of Use of Public Land Sites have included reference to the *National Best Management Practice for Beekeeping in the Australian Environment* document. This was produced in 2007 after extensive consultation between the beekeeping industry and relevant government agencies in all states.

This is a case where one document, a Best Management Practice, is tied to another, Condition of Use. (Reference: The Australian Honey Bee Industry Council: [www.honeybee.org.au](http://www.honeybee.org.au)).

While a lot of what has been written in this article can be frustrating for some people, for others many of these documents set out clearly what is generally regarded as useful guidelines on what to do, or how to behave, in various scenarios.

Many of these documents are not compulsory (mandatory) but failure to consider their content may result in a poor outcome for the beekeeper. Government agencies increasingly want industry to take responsibility for their own collective actions. While it is not possible in most areas for the beekeeping industry to enforce such documents, they can certainly be used against a person who disregards them, both by government and private citizens.

Not many of us like rules and regulations, codes, etc., but frequently they are designed to benefit the majority. Look at each one, consider its source, i.e. is it one person's ideas, or does it represent a collection of industry representatives and leaders. We live in interesting times. Not a time to be an ostrich with your head in the sand!

*(Thanks to Vicki Saville for typing my notes and Annette Somerville for proof reading the final article)*



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

**Train at home with a self-paced learning education program**

**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.

For more information  
 contact B-QUAL Certification  
[www.bqual.com.au](http://www.bqual.com.au)  
 AUS-QUAL Pty Ltd  
 Phone (07) 3361 9200  
 Email [bqual@ausqual.com.au](mailto:bqual@ausqual.com.au)  
 Toll Free Number 1800 630 890

**QUEEN BEE**

AUSTRALIAN EXPORTERS

ABN 96 078 192 300

Prices include GST:

1 - 10 .....	\$30.50 each
11 - 49 .....	\$28.00 each
50 - 100.....	\$26.00 each
OVER 100 (in total) ....	\$25.50 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

# Steam

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

**Fully Automatic Electric Steam Boilers**

**Model shown ranges from 3kW to 30kW**

- Steam output from 5.7 to 47.7kg/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

## SIMONS BOILER CO.

Australian family owned company Est.1932

Unit 1/33 Maddox Street Alexandria NSW 2015 Australia

Ph: (02) 8338 8660

Fax: (02) 8338 8661

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

# LYSON

**BEEKEEPING SUPPLIES AUSTRALIA**

**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: 0467 233 292 or 0407 070 670  
 Visit us on facebook: [www.facebook.com/lysonau](http://www.facebook.com/lysonau)

**WE SUPPLY EVERYTHING FOR BEEKEEPERS  
 FROM HOBBY TO COMMERCIAL**



**Optima Processing Line**  
 40 frame extraction line  
**Special Introductory**  
**Price**  
**\$38,000**



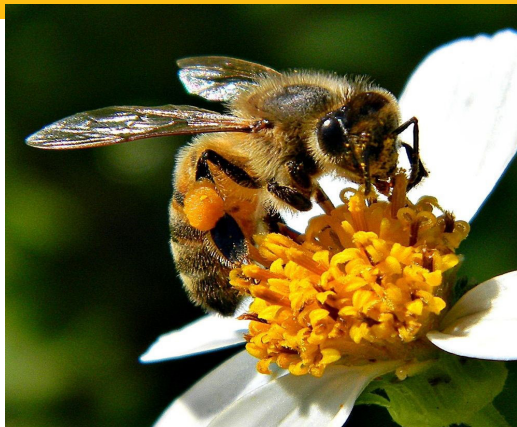
We sell the following products:  
 Polystyrene Hives  
 Nucleus Hives  
 Mating Hives  
 Travelling Hive Boxes  
 Feeders (hive & stand alone)  
 Honey Extraction Equipment  
 (2 frame up to 80 frame)  
 Honey Bottlers (manual to auto)

Suits, Veils & Gloves  
 Bee Tools  
 Cleaning Agents  
 Candle Moulds  
 Candle Making Supplies

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  
 and much, much more....



## CATCH THE BUZZ – Researchers ID What Each Bacterial Species Found In A Bee Gut Contributes To Bee Digestion.



The honey bee gut is colonized by specialized bacteria that help digest components of the floral pollen diet and produce molecules that likely promote bee health.

A group of researchers led by Philipp Engel at the University of Lausanne and ETH Zürich, Switzerland, have uncovered which bacterial species perform which specific digestive functions in the bee gut.

In a study in the journal PLOS Biology, the researchers measured the repertoire of simple chemical compounds – the so-called metabolome – from bee guts.

They then compared the gut metabolomes of bees colonized with each bacterial species individually and in combination. This allowed the team to identify what each bacterial species contributes to the bee digestion and the various strategies bacteria deploy to co-exist in the animal gut.

They identified several species of the genus *Lactobacillus* that digests convert specific plant compounds called flavonoids – abundant in pollen and recently linked to the health of mice and humans through their breakdown by the gut microbiota.

Another bee gut bacterial species, *Bifidobacterium asteroides*, triggered the production of bee hormones that can modulate the immune system and behavior of its host.

The gut bacteria in bees and their pollen-rich diet are known contributors to honey bees' health, and understanding the functions of the various bacteria could have implications for colony health as a whole.

"We took advantage of the key characteristics of the bee gut microbiota: its simplicity," says Philipp Engel, the corresponding author. "Contrary to human gut microbiota, the bee gut is composed of only a few bacterial species. This makes analyzing each member separately and determining its contribution to the overall metabolite changes in the gut feasible.

"We have identified many exciting metabolic functions of bee gut bacteria. The next step is to understand how these functions impact colony's health so that one day we can apply our findings in apiaries."



### FORMERLY AUSURE INSURANCE BROKERS GOULBURN

At CNR Insurance Brokers we understand the issues that Apiarists face in their day to day business.

Our Apiarist Insurance package now includes cover for pesticide contamination of your hives and bees.

We are also able to offer covers including Australia Wide theft and vandalism cover for your hives including the honey and bees along with all other insurances including property, business interruption, public liability, transit and motor vehicles.

For further information, please call our office on 02 4822 1320 or email at [info@cnrinsurance.com.au](mailto:info@cnrinsurance.com.au)

CNR Insurance Brokers are Authorised Representatives of NAS Insurance Brokers AFSL: 233750

# ***NSW AA 2018 Annual General Meeting*** ***Tuesday 26 June 2018***

The NSW AA 2018 Annual General Meeting will be held in conjunction with the 3rd Australian National Congress  
RACV Royal Pines, Gold Coast, QLD  
(Members only event)

***Date:*** Tuesday 26 June 2018. 1.00pm - 4.30pm.

***Room:*** TBA

***Registrations (Free):*** Required **BEFORE** 20 June 2018  
See [nswaa.com.au](http://nswaa.com.au) for registration details

***Notices of Motion:*** Must be submitted before 20 June 2018  
See [nswaa.com.au](http://nswaa.com.au) for Notice of Motion form

***Executive Nominations:*** Must be received by the Secretary on later than three weeks prior to AGM.  
See [nswaa.com.au](http://nswaa.com.au) for nomination form.

***A minimum of one executive member will not be seeking re-election.***





RL Dewar T/A

## Bee Build

It does what it says- **Builds BEE\$**  
a **Complete Pollen Replacement** based on  
Scientific Honeybee Industry Research  
(Fat Bees, Skinny Bees- RIRDC Pub No. 05/054)  
Visit: [www.beebuild.com.au](http://www.beebuild.com.au) for full story  
and how to feed. Available in 10 kg, 20kg  
(post or coach) and 25kg bulk buying

**Bee Build Protein Sausage:** 500gm and 1kg  
*(Also available at good Beekeeping Suppliers)*

**Bee Boost:** 500gm- a probiotic for bees

**Enquiries & Sales Contact: Laurie Dewar**  
Ph: 07 54635633 0427725802  
Email: [beebuild@optusnet.com.au](mailto:beebuild@optusnet.com.au)



## Inseminated Breeder Queens (DGQ's- Dewar Gerdts)

Produced from tested Hygienic  
(Cleaning Gene) Stock for Rapid  
Response Behaviour

Ex National Breeding Program. All profits  
invested in ongoing research  
Visit: [www.dewarcorp.com.au](http://www.dewarcorp.com.au)

Open Mated Lines tested by: Lindsay  
Bourke (Tas.) and Mal Alroy (Qld) for  
geographical variation; also tested in  
the UAE against varroa

**Enquiries & Sales Contact: Laurie Dewar**  
Ph: 07 54635633 0427725802  
Email: [dewarqueens@optusnet.com.au](mailto:dewarqueens@optusnet.com.au)

## Bees For Sale

**Central West**

**100 + 10 Frame x 2**

**Price Negotiable**

**Phone**

**0427 658 506**

# 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)

# THE FROST REPORT

Elizabeth Frost  
 Education Officer, Honey Bees  
 Tocal Agricultural College, NSW Dept. of Primary Industries  
 T: 02 4939 8821 M: 0437 731 273 E: elizabeth.frost@dpi.nsw.gov.au



## NORTH COAST PRIVATE NATIVE FOREST STUDY

If you run hives in the upper Central, Hunter and North Coast regions of NSW, turn your computer on, download or update Google Earth and read this article in which I'll report on a recently completed NSW DPI study of private native forests (PNF) in the NSW North Coast, from Ourimbah in the south up to the Queensland border. The forest mapping tools produced in this study may have important implications for beekeepers.

The North Coast region is made up of 9.7 million hectares of land, with more than 60 per cent of it forested. Private ownership accounts for approximately 2.9 million hectares of the region's forests. The 2.9 million hectares of PNF are spread across thousands of individual holdings in the North Coast region, shown in green in the following map.

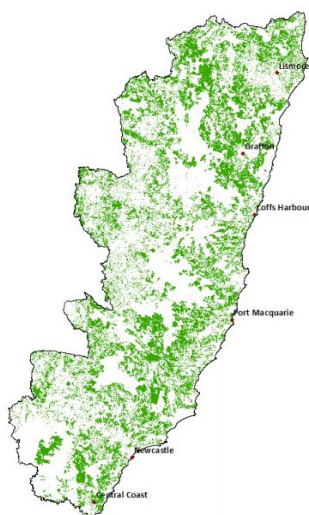


Figure 1 Survey area with Private Native Forests in green

2.9 million hectares of privately owned native forests, shown in green, for the North Coast region. Page 11 of NSW DPI Primary processors survey report.

The aim of this recently completed two-and-a-half year NSW DPI study was to determine the extent and status of PNF on the NSW North Coast. Most importantly to beekeepers, the study mapped five million hectares, of which one million hectares of timber resources were assessed using aerial photography and are visible to the public in Google Earth. The NSW DPI study outcomes include the following reports:

### 1. Condition of NSW North Coast private forest:

[www.dpi.nsw.gov.au/\\_\\_data/assets/pdf\\_file/0009/752229/Condition-of-North-Coast-PNF.pdf](http://www.dpi.nsw.gov.au/__data/assets/pdf_file/0009/752229/Condition-of-North-Coast-PNF.pdf)

This report presents a summary and analysis of the condition of 840 forest plots measured

in upper north-east New South Wales private native forests (uneNSW PNF) between 2004

and 2013. "Condition" in this study means stand condition, including many factors that would guide silvicultural decisions at stand level such as the amount and relative distribution of stocking (or stand basal area) in different diameter size classes, grouped by species, crown vigour and log product grade. Silviculture, by definition, is the growing and cultivation of trees.

### 2. Private native forest owner attitudinal survey – Northern NSW:

[www.dpi.nsw.gov.au/\\_\\_data/assets/pdf\\_file/0019/752230/Private-native-forest-owner-attitudinal-survey-Northern-NSW.pdf](http://www.dpi.nsw.gov.au/__data/assets/pdf_file/0019/752230/Private-native-forest-owner-attitudinal-survey-Northern-NSW.pdf)

This survey aims to understand 515 forest owners' value and use of their private forest resource. Landholders surveyed manage 25 hectares or more PNF, used for a large variety of purposes. The dominant land-uses vary according to locality and length of time the property has been in single ownership. The dominant PNF land-uses include stock grazing, shade and shelter, on-property timber use and habitat for animals and plants. **Of the 515 landholders surveyed, only twelve per cent of their PNF area is managed for the purpose of beekeeping!**

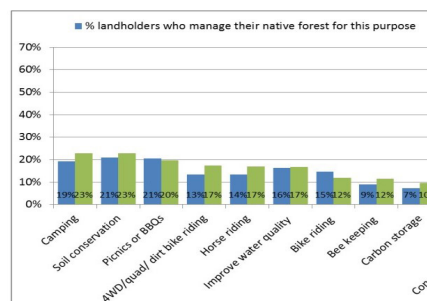


Figure 12: Current uses of private native forest: less common uses. Page 36 of NSW DPI Private native forest owner attitudinal survey - Northern NSW.

### 3. Primary processors survey report

[www.dpi.nsw.gov.au/\\_\\_data/assets/pdf\\_file/0004/795433/Primary-Processors-Survey-Report\\_01Jan2018.pdf](http://www.dpi.nsw.gov.au/__data/assets/pdf_file/0004/795433/Primary-Processors-Survey-Report_01Jan2018.pdf)

A survey of 33 out of 49 of the largest hardwood primary processing businesses on the NSW North Coast sought to quantify the amount and value of native hardwood logs processed from private property and State forests. The survey also captured information on employment and the views of the wood processors on private native forest wood supply and the role of government.

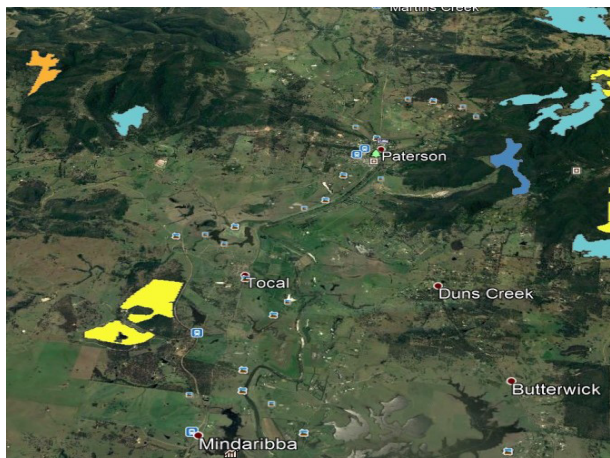
Twenty-six primary processing businesses used private native timber, averaging 4,890m<sup>3</sup> per year per processor, and four exclusively processed private native timber. Twelve processors had more than 50% of their intake from private property. This study found that for every cubic metre of private property log bought by primary processors, \$556 of turnover was generated for those businesses. For every 533 m<sup>3</sup> processed a job was created.

### 4. Native forest maps

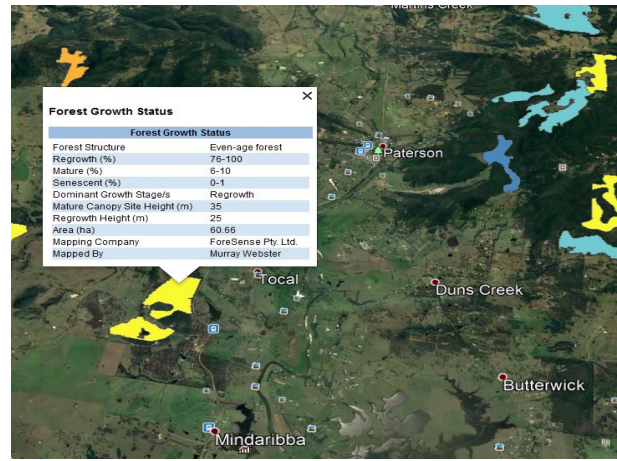
[www.dpi.nsw.gov.au/\\_\\_data/assets/file/0010/752167/forest-growth-status-sgsv7.kmz](http://www.dpi.nsw.gov.au/__data/assets/file/0010/752167/forest-growth-status-sgsv7.kmz)

NSW DPI has mapped the coastal private native forests according to their growth status and productivity from Ourimbah to the QLD border. To qualify, these forests had to be in stands greater than 25 hectares, of commercial quality and not subject to any known regulatory exclusions. To view the maps, you will need to download Google Earth on any of the following devices: PC, Mac or Linux computers or Android phone. Use the link above to access the Private Native Forestry folder of aerial maps.

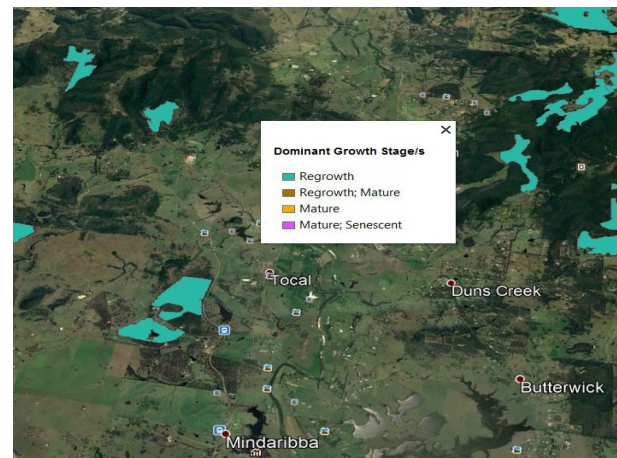
The following maps show the area surrounding Tocal College and the stands of forest mapped in different colours according to mature canopy site height (metres), regrowth height (m), dominant growth stage/s, forest structure and percentage regrowth, mature or senescent.



This image shows all surveyed PNF surveyed in the Hunter Region around Tocal College.




This image shows the "Forest Growth Status" data given when you click on a mapped PNF site. This site is 60.66 hectare even-age forest with regrowth as the dominant growth stage at between 76 and 100 per cent and a regrowth height of 25m.



This image shows the same site with a filter for "Dominant Growth Stage/s" only. The dominant growth stage for PNF in the Hunter Region around Tocal College is "regrowth."

NSW DPI notes a number of additional useful resources for North Coast PNF landholders will be released through 2018. If this is of interest to you, visit your Local Land Services office to discuss in person or look for updates on the following homepage for these resources: [www.dpi.nsw.gov.au/forestry/private-native-forestry](http://www.dpi.nsw.gov.au/forestry/private-native-forestry) With any luck enterprising beekeepers may yet find some new country in private native forests.

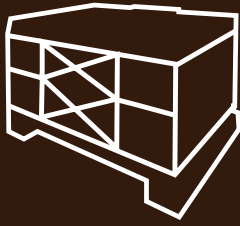


# DALRYMPLE VIEW

APIARY SUPPLIES

**Neil, Sharon and  
Cameron Masters**  
Manufacturers and  
Suppliers of all your  
Beekeeping Needs

Dalrymple View Pty Ltd  
65 Forde Street  
Allora Q 4362  
Mobile: 0448 717 051  
Mobile: 0407 762 847  
Email: [nma66500@bigpond.net.au](mailto:nma66500@bigpond.net.au)



# NUPLAS<sup>TM</sup> Plastic Bee Hives



## WHY BUY NUPLAS?

### FEATURES

- 100% Australian made
- White in colour
- Heavy duty construction
- UV resistant
- Fully vented bases and lids
- Unlimited life expectancy
- Provision for ID stamping
- Solid plastic construction
- No painting or maintenance required
- Standard Langstroth Dimensions
- Holds standard full depth frames
- Hinged door for opening and closing the hive
- Unique scalloped handles for lifting and carrying
- Fixing points for spring clips

### BENEFITS

- Proven to perform better than a timber hive
- Proven in the field
- Maximise by saving time and money
- No dangerous wax dipping
- No painting
- No maintenance
- Comes flat-packed ready for assembly
- Fully interchangeable with existing timber hives
- Fast delivery all over Australia
- Quick assembly time
- Ready for immediate use



*check out our website*

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

**NUPLAS PTY LTD - INJECTION MOULDERS**

Tel 03 5032 9199 | Fax 03 5032 9399 | Email [sales@nuplas.com.au](mailto:sales@nuplas.com.au)





# HIVE SETS

Quality plastic 8 or 10 frame full hive sets available in single, double or triple configurations.

## SPECIAL FEATURES...

- › Available in Single, Double and Triple hive sets
- › Quality long term investment
- › Easily assembled, sturdy hive set to withstand rigorous cleaning, treatments and transportation
- › Cool white colour with UV stabilizer (guaranteed 35 yrs)
- › Flat packed for easy shipping
- › Saves time and money as no need for painting or wax dipping
- › Hygienic and easy to maintain
- › Assists disease prevention
- › Standard lid and base



**\$30 FLAT RATE DELIVERY**  
PER ORDER\* CONDITIONS APPLY.

## BENEFITS to BUYING ONLINE...

- Shop online at your leisure anytime
- Browse products with no pressure
- Take advantage of the Flat Rate \$30.00 Delivery
- Receive your order quickly
- Safe & easy payment Methods
- Australian Company! Australian Products!

PayPal™

VISA

MasterCard

## CATCH THE BUZZ

Where There's Lead In The Environment, There's Lead In Honey Bees. And That's Not Good.

By Alan Harman



CATCH THE BUZZ – Where There's Lead In The Environment, There's Lead In Honey Bees. And That's Not Good. By Alan Harman

Researchers have used bees to monitor pollution for the first time in Australia and have found significant lead levels in the insects, depending on location.

The *Sydney Morning Herald* newspaper reports the levels of metal varied depending on the history of the land.

Scientists say Sydney dwelling bees are affected by former leaded gasoline emissions from the '70s, '80s and '90s, with highest lead levels reaching 230-440 micrograms a kilogram.

But 715 miles to the west in Broken Hill, where lead mining is carried out, bees possessed much higher levels of lead, with about 2,570ug/kg detected.

Project leader Mark Taylor of Macquarie University says the findings provide a stark warning against the unsafe use of chemicals in the environment.

"They don't degrade that quickly, they get into the ecological systems and they don't break down in many cases and they are persistent and typically harmful," he tells the newspaper.

## HYDES CREEK

WOODWORKS

ALL AUSTRALIAN HOOP PINE

<b>FRAMES</b>	BOXES
FULL DEPTH	LIDS
WSP	CLEARER
IDEALS	BOARDS
HONEY COMB	BOTTOM
QUEEN CAGES	BOARDS
	RISERS & MORE

Contact: Phil Kethel  
15 Crawford Close Bellingen NSW 2454  
Ph/Fax: (02) 6655 1385  
Mobile: 0428 960 917  
Email: philkhydscreekww@bigpond.com

"This shows us that the contaminants are being mobilized and are getting into our ecological and food systems."

Taylor says the bees were protecting the quality of their honey by absorbing and filtering the lead into their systems and not excreting it all when in the hive.

"The honey is actually OK to eat — the bees are taking the hit," he says.

The research showed worker bees are more contaminated than drones.

"Worker bees spend a lot more time out of the hive than drone bees," Taylor says.

"Emissions are ongoing and being distributed through cities and its getting to the bees, the birds and humans. We know lead is harmful, end of story."

## 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**





Hosted by the  
Australian Honey Bee  
Industry Council Inc



**3rd** Australian  
Pollination &  
Beekeeping for the  
Future

# Australian BEE CONGRESS



**27th - 30th June 2018**

RACV Royal Pines Resort,  
Gold Coast, Queensland

Last held in 1988, the Australian Bee Congress is back!  
For further information and to join the mailing list,  
please visit the conference website.

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

**CONTACT DETAILS:**

Jayne Hindle, East Coast Conferences  
Phone: 02 6650 9800 or 0423 497 038  
Email: [jayne@eastcoastconferences.com.au](mailto:jayne@eastcoastconferences.com.au)

## **HONEYLAND VOLUNTEERS NEEDED FOR 2018 SYDNEY ROYAL EASTER SHOW VOLUNTEER FORM**

**THE SHOW DATES ARE FRIDAY 23 MARCH TO TUESDAY 3 APRIL 2018**

I/We can work at the Show on the following days: .....

Second Preference.....

I/We require accommodation for the nights of: .....

***VOLUNTEERS NEEDING ACCOMMODATION PLEASE RETURN YOUR FORM ASAP  
AS ACCOMODATION IS LIMITED***

Name/s: .....

Address: .....

Email: ..... Phone: .....

**PLEASE RETURN FORM NO LATER THAN ASAP:**  
Mark Page, NSWAA Show Coordinator, 424 Minimbah Rd, Minimbah 2312  
Email: [mpage6541@gmail.com](mailto:mpage6541@gmail.com) - Phone: 0448 444 606



*"That's what it does"*

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



## SELF CONTAINED HOT WATER RECYCLING SYSTEM

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

### ENQUIRIES TO:

495 GRAND JUNCTION RD, WINGFIELD SA 5013

P: (08) 8244 0110 F: (08) 8244 0156

Email: [info@spitwatersa.com.au](mailto:info@spitwatersa.com.au)

130 GIPPS RD, SMITHFIELD NSW 2164

P: (02) 9725 4211 F: (02) 9725 2631

Email: [info@spitwaternsw.com.au](mailto:info@spitwaternsw.com.au)

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

# For all your beekeeping needs



**Bulk  
Prices  
Available**



#### **ACORN Plastic Products:**

- Full depth plastic foundations
- Full depth plastic frames
- Full depth drone comb frames

#### **Timber:**

- Assembled, screwed, wax dipped and painted boxes
- Assembled and wired full depth frames
- Alliance flat pack boxes and frames

#### **Protective Clothing:**

- Sherriff clothing and washable gloves ★
- Ventilated suits and jackets

#### **Queen Rearing:**

- Jenter queen rearing kit ★

#### **Smokers and Hive Tools:**

- Dadant smokers - loved by professional bee-keepers everywhere

**+ Many more brands and products**

★ Exclusive rights of import in Australia

**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

# BEE BIOSECURITY OFFICER REPORT - SEPT 2017

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



## Barrier Systems in beekeeping operations

The Australian Honey Bee Industry Code of Practice recommends that beekeepers should maintain a Barrier System of Hive Management.

### “13. Beekeepers Should Maintain a Barrier System of Hive Management

A major method of disease spread within an apiary or between apiaries is through the beekeeper transferring infected material between hives prior to disease symptoms being detected. A well-managed barrier system will contain potential spread to within beekeeper-defined units, and enable the beekeeper to trace both the source and spread of the disease, facilitating eradication.

A barrier system is a method of dividing apiaries into smaller sub-units and ensuring there is no transfer of potentially infected materials between the sub-units. Hives and hive components in one sub-unit are not interchanged with those from another sub-unit. Of course, the larger the enterprise, the more important a barrier system becomes but how the barrier system should be implemented will depend on the individual circumstances of the enterprise. Effective barrier systems require forward planning and an understanding of both the disease and the business. Good record keeping is essential and all people working with the bees must understand how the system works.

Some beekeepers treat their entire apiary as a single unit for disease control so the use of a barrier system is not mandatory but it is strongly recommended for all beekeepers.



Letter Barrier System

## REQUIREMENT

13.1 A **beekeeper** should maintain a barrier system that divides the **apiary** into one or more clearly identified, isolated sub-units and movement of **hives**, components and **appliances** between these sub-units should be strictly controlled.

13.2 The barrier system should include the following elements:

- (a) Clear, permanent marking and identification of **hives**, components and **appliances** within each sub-unit.
- (b) Procedures (including appropriate controls), to prevent non-permitted interchange of **hives**, components and **appliances** between sub-units
- (c) Training and instructions for all employees.
- (d) Documentation to enable the tracing and identification of **hive** components, honey and honeycomb to identifiable sub-units.
- (e) Procedures to ensure captured bee swarms and acquired used items including **hives** and **appliance** are not introduced to the **apiary** until after appropriate inspection and testing for diseases or sterilisation. “



Colour Barrier System

Whilst some of this may seem daunting to many of us in the beekeeping community it is actually simple to undertake when broken down into its separate parts, and can be implemented easily. Far stricter and more demanding quarantine and biosecurity procedures are

routinely practised by many other intensive livestock, agriculture and aquaculture industries. As beekeepers we should not kid ourselves that using a barrier system; 1-cannot be done properly, or, 2- as a matter of principle should not be done

The first step for any barrier system is to identify hives in barrier units. Basically each barrier unit needs to be easily identified so that it can be kept separate from others. Most beekeepers choose a combination of colours, letters and numbers using paint, marker pen or cattle tags to facilitate this. A few examples are pictured below;



Number Barrier System



Number Barrier System



Number Barrier System

The hardest part of implementing a barrier system is in changing the mind-set of the experienced beekeeper that has done things “their way” for the last decade (or five). Some of the golden rules in running a barrier system exclude certain “risky” beekeeping practices that many beekeepers routinely use such as swapping, using and mixing up bee gear anywhere they like between hives and often between different apiaries. Just because you have been doing something “your way” for a long time does not mean that it is the correct way or the best method, so open up your mind to consider how you can improve your operations. There is always room for improvement.

The main reason that a barrier system is implemented is to reduce the **internal transmission** of AFB within a beekeeping operation, where infected material from hives is spread around to other hives. A barrier system will not stop your hives picking up AFB from other dead-out hives or infected honey sources that your bees locate within their forage range, but it will enable you to keep any AFB outbreak contained within each hive unit. Just by being able to achieve this will greatly reduce the transmission rate that would otherwise occur if you unknowingly spread gear from those hives.

There are many different types of barrier systems that can be implemented. The extent to which you go is dependent on how much AFB you are experiencing. As a rule an open barrier system would enable a beekeeper to use a honey box on any hive within a barrier unit of hives, be that a pallet of 4, multiple pallets within a load (eg. load is split into 2-6 units with their own pallets of gear) or each load has its own gear that only goes on that load.

Generally speaking as the number of hives within each barrier unit increases there is less ability to control the

spread of AFB from one hive to others within that unit, so for a load of 120 hives you may find it becomes quite hard to fully eradicate an outbreak of AFB, whereas if the barrier unit was 1-20 hives it would be far easier. For some commercial operations of 900-1800 hives they run a fully closed barrier system, where each hive has its own equipment that NO OTHER HIVE gets to use (except when making up nucs and splits)! This system has a little more upfront work to maintain, but when AFB is found the operator can be very confident that all contaminated gear is easy to find (for irradiation) and that the AFB is confined to that particular hive.

How to determine what type of barrier system is right for your operation....

If you experience ongoing AFB outbreaks that are hard to fully eradicate (it just seems to linger around) then you will benefit by going all the way and implementing a closed barrier system, so as to pinpoint the AFB hives over the next 1-2 seasons and cull them out. One of the important steps with AFB control is to constantly aim to reduce the AFB background spore count ("dilution is the solution"). Every time you identify and irradiate an AFB hive and its honey boxes you are reducing your overall AFB loading and thereby reducing the chances of it spreading internally under normal conditions.

One of the things that amaze many beekeepers is the claim that another beekeeper can extract honey frames and then put them right back into the box that they came out of before they were uncapped, and later go straight back onto the hive they came off before! It sounds crazy, but with the majority of extractors and hive size configurations you can easily work something out whereby this is reliably achievable.

The first step with this is to number each bank in your extractor, or identify slot 1 in a radial extractor.

If you have 3 banks in a horizontal extractor then they can be numbered 1, 2 & 3. If you have 4 banks then they would be numbered 1,3,2,4 etc., as after loading the first bank you need to load up the opposite one next.

From now on you would ALWAYS load and unload the extractor from bank 1 or slot 1 etc. You then do 2, 3, 4 and so on, depending on how many banks or slots are in the extractor (s) that you use.

For example if you are using a 54 frame radial extractor and extract 9 frames per box you may number 1, 10, 19, 28, 37 & 46 etc., as this would be the first frame in the next box that went through the uncapper.

You need at least 2 metal trolley racks per extractor to hold the boxes in order from the first to the last box that is loaded in, with some operations (especially with bigger extractors) finding that 3 trolleys are better at enabling

the uncapping station to keep up with the extractor.



Trolley Rack with numbered spot for each box.

When the first de-boxed frames get loaded in the uncapper that box gets put on the trolley rack in position 1 and on it goes until you have loaded up your uncapper rack and then extractor.

That trolley rack gets pushed to the unloading end of the extractor once it has all the boxes for the frames in the extractor.

When the extracting run is complete the #1 position is located and the first box gets refilled from frames starting there, then the 2nd, 3rd box and so on until the extractor is empty. The empty trolley then goes back to the uncapping end and the second trolley (now full of the next load of boxes) takes its place at the unloading end of the extractor. The third trolley would probably be half loaded by now and would be ready to go to the unloading end next. Both the extractor and uncapping line should be viewed as one continual conveyor belt, and as long as things get loaded in the right order you can be certain that the frames will end up back in the same box they came out of.

Unless one of the boxes being extracted has a heavy AFB infection the risk of transmitting AFB within the extracting process to other boxes (and then hives) is minimal.

There are opportunities for errors to occur during this entire extracting process, so staff (especially the uncapper and comb scratcher) need to have some awareness of how many frames are in each box. If you normally run 9 in a box but one honey super only had 8 (frame shortage or one frame is broken & will be removed) then they need to realize that the numbers don't add up. To fix this they then need to add a foundation frame (or irradiated comb) into that load as it goes through the uncapper (yes you may need to "extract" a brand new foundation frame, but this is ok as it serves a very valuable purpose).

Many operators have easily identifiable frames on the outside positions of the box to keep track of everything (eg. Green Plastic Drone frames, marked/painted and/or numbered top bars etc.), or every 4-6<sup>th</sup> box has every frame marked so you can quickly see if they are loading back in the right box afterwards.

Once you are fairly confident that your internal AFB is under control you may decide that you are happy to continue like this (especially if there is a lot of “externally sourced AFB” in your area) or you may decide to increase the number of hives per barrier unit to quicken up some parts of your operation. Whilst some operators like the idea of having more hives in each barrier unit you must then be prepared to spend a lot more time and money cleaning up AFB and burning/irradiating more boxes when it does occur. You may have already extracted and mixed up 2-4 boxes of honey frames per hive before you became aware of the disease in one particular bee hive, therefore a lot more chasing and checking needs to be done as you have spread those frames far and wide.

When you do the mathematics it is very scary to see how quickly you can spread and disperse contaminated honey combs right around your operation when not returning extracted frames back to their own box. For this reason alone a lot of operators using a closed barrier system will tell you that it is the best way to go and once you get used to it (after the first 6 months-full season) you will never want to go back to the “old ways”, as those old methods cause you a lot more AFB clean-up work as opposed to putting this time into prevention instead.

If you do decide to increase the number of hives per barrier unit then a couple of practical issues should be considered;

- 1-Do you run hives as singles or on pallets.
- 2-How many hives per load.
- 3-How many honey boxes go on each bottom board or pallet when going out into the field.
- 4-How many boxes of honey do you extract in one run

Somewhere amongst all those numbers you will find a solution to fit your current situation and operational needs.

Example options;

If you run 120 hives in a load you may find that 6 barrier units of 20, 5 of 24 or 4 of 30 suit your operation, especially if your honey pallets take 20 (5 high on 4 way pallet), 24 (6 high on 4 way pallet or 4 high on 6 way pallet) or 30 (5 high on 6 way pallet) honey supers. One pallet could equal 1 load.

If your extractor takes 108 frames and you run 9 frames

per box then you will extract ~12 boxes per run, so 12 or 24 hives in a barrier unit may fit well. If you had a 54 frame extractor (6 boxes) you may run 6 or 12 hives per barrier unit, or with any of this you could still easily run a fully closed barrier system.

You do not necessarily have to fit an exact number of boxes of frames into the extractor on each run, but it just makes it easier to keep everything in order. If you have a partial last box of frames in the extractor then that box only gets partially filled when the extractor is unloaded and the rest of its frames are the first ones that come out of the next extracting run. Remember again that the whole numbered extractor set-up and uncapping line is just one big conveyor belt. Once you have sorted out your loading and unloading schedule and trolley racks for keeping the empty boxes in order the rest falls into place. The longer you practise this process the easier and more organised it all becomes, plus it is dead easy to train new staff (those with young minds not already corrupted by the “dark ways” of beekeeping) how to run extracting in this way.

At the end of the day there are countless options for barrier system configurations that could suit every different beekeeping operation out there. The most important first steps are to make the commitment to change some of your old ways and to at least take the time to consider that you may be able to look at other options and improvements over what you have always done. Opening your mind to the possibility that things COULD and CAN be done differently to how you are currently doing them now is a BIG STEP, and it is definitely a step in the right direction for many beekeepers.

If you are thinking that your operation could benefit from implementing a barrier system then please contact me on 0438 677195 or [rod.bourke@dpi.nsw.gov.au](mailto:rod.bourke@dpi.nsw.gov.au) and we can discuss all of this much further and set up a work plan for your operation. The options are endless and the most important steps are finding something that works for you and greatly reduces the spread of AFB within your own gear. I am happy to assist any commercial beekeeper looking at their own personal options in what initially may look impossible and daunting but long-term is shown to be very productive and beneficial for their business.

**NSW AA  
2018  
Annual General Meeting**

Tuesday 26 June  
1.00pm -4.30pm  
RACV Royal Pines Resort  
Gold Coast QLD

# printfresh.

1 Henderson Street  
Inverell NSW 2360

**(02) 6722 1655**



SPORTSWEAR • UNIFORMS • SCREEN PRINTING • EMBROIDERY  
WATER BOTTLES • WRISTBANDS • POSTERS • BANNERS • SHADES  
BAGS • HEADWEAR • SIGNAGE • GENERAL PRINTING & BINDING  
PROMOTIONAL GEAR • GRAPHIC DESIGN • FRIENDLY SERVICE

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



## Southern Tablelands Branch Meeting

Saturday 24 February at 2pm

Goulburn Soldiers Club, Market St, Goulburn

### Guest Speakers

- Cristina - Kidman Aviation;
- Michael Heinze - EPA;
- Croplife Australia representative;
- Local Lands Services representative.

## 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' Phone: 02 6887 2202  
MINORE ROAD, MS6 Email: sales@beekeepers.com.au  
DUBBO NSW 2830

AUSTRALIAN DISTRIBUTORS



## Honey Procurement Specialist

- Do you know the honey business?
- Do you have a procurement background or
- Are you seeking a career change?

Does this come close to describing you?

If your answer is "yes" I have been engaged to find someone just like you.

My client is a relatively new player but is quickly establishing a strong market presence and is investing heavily in its Australian facilities. Their flagship product is Manuka Honey, highly regarded for its therapeutic and health giving qualities. This flourishing business is rapidly opening new channels into the market.

With this development and the growing demand for honey products comes the opportunity for a person from the industry with a commercial attitude and a desire to play a key role in a successful, exciting organisation. This new position will source the best possible quality and reliability of supply to meet the strong growth in demand.

We are seeking an experienced individual from the honey industry who is enthusiastic about leveraging their knowledge, contacts and expertise into building a career as a Procurement Specialist. You may be a private beekeeper, an apiary worker or a possibly already employed in the industry in a similar capacity. Your actual current position isn't as important as your knowledge of honey qualities and how the honey industry supply chain works.

Our primary goal is to support the Manuka Honey range however your expertise will develop over time to cover the full product range and will include a plan for supplements ingredients, materials and packaging. You will have the opportunity to improve overall performance by introducing efficiencies, building supportive and co-operative relationships and developing quality and supply standards.

A strong working relationship with industry participants at a supply level is the key background we are looking for. Any exposure to health foods, vitamins and supplements or pharmaceuticals would be an additional advantage. Your market knowledge and the professional maturity to build a new and rewarding career in ingredients procurement are considered more important than academic qualifications.

My client is offering an industry competitive salary and first class working conditions in a new facility in Melbourne's South Eastern suburbs.

If you wish to be considered for this excellent opportunity please forward your application with a covering letter in Word format to vic@pharmatalent.com.au quoting reference number 5292. If you would like to discuss the position confidentially, please telephone Vic Careedy at Pharmaceutical Talent Australia on **0408 848 025**.

# SA BEEKEEPING SUPPLIES

2 Gawler River Rd, Lewiston SA 5501

Food Grade Plastic Foundations

Full Depth - W.S.P - Manley

Mahurangi Frames to suit

8Fr & 10Fr W/Wire excluders

Beautifully made

Heavy Duty Hive-locks

Discount on pallet lots

**Gary & Cynthia Brown**

Ph/Fax: (08) 8380 9695

Mob: 0429 806 609

Email: [beekeep2@bigpond.com.au](mailto:beekeep2@bigpond.com.au)

# BEEPLAS

Australia

Plastic Beehive Components  
Made in Australia by Max Cane Apiaries

## FULL DEPTH FOUNDATION SHEETS

- 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

Std colour *Black, Natural, Beige and Red*  
Other colours available with large orders (5000+)

Also available:  
Beetek Plastic Frames (Made in NZ)  
FD & WSP Black and White

**Contact:**  
**MAX CANE APIARIES**  
9 McGibbonny Crt, Ararat, Vic, Australia  
Ph 03 53 522 995 Mob 0427 501 551

ABN 65 561 108 274

## AIR CTI

120 WALHALLA ROAD  
MOE VIC 3825 AUSTRALIA  
PH: 03 5127 6128 Sales: 0437 517 423  
Made In Australia  AIR CTI  
[www.aircti.com](http://www.aircti.com)

## CUSHION YOUR RIDE WITH AIR CTI

### EXTRA TRACTION WHEN YOU NEED IT MOST

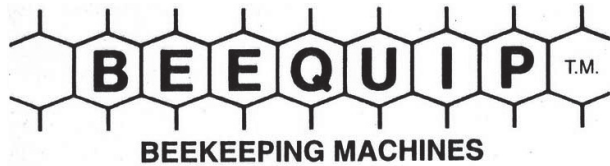
Get In, Get the Job Done, And Get Out

Adjust Tyre Pressure on the Run for Smoother Ride & Better Traction



# 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

Manufacturers of  
Wire Queen Excluders  
Tobin Escape Board Corners  
Gal Lid Covers  
Metal Vents  
Tobin Hive Tools  
Gal Cut to Size

## COTTESBROOK HONEY

David and Tracey Parker  
Fitzgeralds Mt Blayney 2799

Ph: 02 6368 5889

Fax: 02 6368 5989

Email: [cotbrook7@bigpond.com](mailto:cotbrook7@bigpond.com)

*This business was previously  
owned by EC Tobin and Son*

**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).



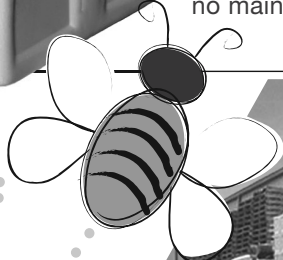
**farm insurance**







# AUSSIE HIVES™

The better hive for higher production



The new Aussie Hive by Hasson's Hives Australia is robust yet light with excellent thermal insulation for healthier, stronger, more productive bees. It needs virtually no maintenance and will outlast any other hive on the market.



-  Food-grade polymer reduces hive disease and eliminates paint contamination
-  Polymer is water resistant for drier hives
-  Industry standard 10 frame
-  Strong, lightweight, no-maintenance construction
-  Insulated to control internal hive temperature, support brood development and reduce stress on bees
-  **Increases honey production**

Prove it for yourself! Place your order now to ensure delivery of your Aussie Hives by Spring. And look forward to increased honey production!

T/F 03 5664 8382 E shayo@sympac.com.au W www.aussiehive.com.au



## AUSTRALIAN QUEEN BEE LINE PTY LTD

ABN 88610746257

21 Leewood Drive, Orange NSW 2800

### 1. Selling Italian and Carniolan Queens

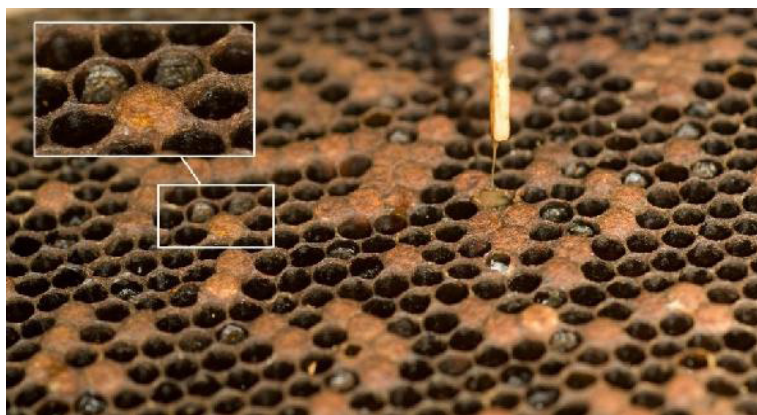
1 - 10 -----	\$28.00 each plus postage
11 - 49 -----	\$25.00 each
50 - 99 -----	\$23.00 each
Over 100 (in total) ---	\$22.00 each
200 and over -----j	\$21.00 each



**Terms: Payment prior to dispatch**

For Orders or Enquiries contact Charlie & Brenda Casido / Mely  
 Ph: (02) 6369 0565 Fax: (02) 6369 0575 Mon-Fri 9:00AM to 5:00PM  
 Email: [info@australianqueenbeeline.com.au](mailto:info@australianqueenbeeline.com.au) or [admin@australianqueenbeeline.com.au](mailto:admin@australianqueenbeeline.com.au)  
 Web: [www.australianqueenbeeline.com.au](http://www.australianqueenbeeline.com.au)  
 Before & After Office Hours: Mobile 0434 353 301

# 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)

## Bee a Berringa Beekeeper...

You are probably asking yourself "Why should I supply Berringa?" It's a fair question and it deserves a good answer. So here are some of the reasons we think you should be a Berringa Beekeeper:

- ✦ Berringa is 100% Australian owned and operated.
- ✦ Berringa only source 100% Australian honey and we believe that Australian honey is unbeatable (from Eucalyptus to "Super Manuka").
- ✦ No harvest is too small.
- ✦ All Manuka is independently tested.
- ✦ Payment made based on these independent laboratory results.
- ✦ Berringa's quality standards include ACO, Codex, BSafe and TGA.
- ✦ We care about our beekeepers. Drums and IBC's are supplied free, to your farm gate.
- ✦ You can be part of a company who drives Australian honey in markets internationally as well as domestically.

Bee a Berringa Beekeeper –

Talk to our friendly Procurement and Supply Team today.

**Australian Organic Honey Company Pty. Ltd.**



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

BERRINGA.



Australian Organic Honey Company Pty Ltd  
Unit 10, 198 Beavers Road, Northcote VIC 3070, Australia

Bee part of  
our global Jelly  
Bush revolution.



**Yes, we're looking for Jelly Bush honey producers like you!**

You could supply us with your quality Australian Jelly Bush honey for our ever expanding international customers. We'll supply the IBC/drums and pay the freight and honey levy.

[gustarehoney.com](http://gustarehoney.com)

Please contact fellow Beekeeper, Paul Costa on:  
0499 775 664 or [paul@gustarehoney.com](mailto:paul@gustarehoney.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  
Kingaroy Q 4610  
Main 0427 946 614  
0429 130 167

[bbeesupplies@bordnet.net.au](mailto:bbeesupplies@bordnet.net.au)



Supply Outlet

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

[bbeesuppliesmorayfield@hotmail.com](mailto:bbeesuppliesmorayfield@hotmail.com)

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

# DEMISE™

Termite Detection and Elimination System

## DIY TERMITE BAIT STATIONS



- Easy to use in-ground traps
- Very low toxicity to humans and pets
- Complete bait & monitoring system

**PHONE 1300 657 822**  
**[pestcontroldirect.com.au](http://pestcontroldirect.com.au)**

## TOPBAIT™ PLUS

FOR THE CONTROL OF COCKROACHES AND  
**SMALL HIVE BEETLE**

Our APIS Traps in conjunction with either our Sticky Boards or New Topbait Plus will help put you back in control of your hives again.



### THE TRAP:

- Minimal stress to the hive
- 4 beetle entry points
- Non toxic
- Sturdy and Reliable
- Cheap and Effective
- Allows the beetles to enter but is too small to allow bees entry.

### THE BAIT:

- Kills Small Hive Beetle
- Cost Effective
- Low Dose Rate
- No Mess DIY Application
- Low Water Solubility
- APVMA Approved

### THE STICKY BOARD:

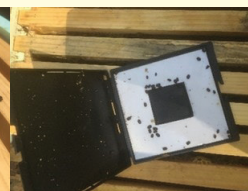
- ★ New extra tacky boards with a stringier surface and easy tear off tabs boards are in stock now.



TOPBAIT PLUS



SET APIS TRAP



STICKY BOARD



**1300 657 822**  
**[pestcontroldirect.com.au](http://pestcontroldirect.com.au)**

APVMA Approval No: 68330/108733



## **CATCH THE BUZZ** **Australian Beekeepers** **Seek Funds To Refute New** **Zealand Claim To Manuka** **Name.**



**WHAT'S IN A NAME:** *Burnie's Skoop Wholefoods owner Kirsten Goninon and co-worker Darralin Housegoh hold a jar of high-value local manuka honey.*  
*Picture: Phillip Biggs*

A grant application made by manuka honey farmers in Australia is still being considered, despite the federal department saying it was not eligible for funds.

Manuka honey producers have been waiting for the results of a November grant application to the federal Agricultural Trade and Market Access Cooperation program.

The group needs the grant to appeal a bid by New Zealand manuka honey producers to trademark the name 'manuka honey' in the United Kingdom. Australia Manuka Honey Association chair Paul Callander said he was hopeful the funds would be granted, and there was still plenty of time to lodge their appeal.

However a federal Agriculture and Water Resources spokesperson said the grant money was not for trademark cases.

"Matters relating to trademarks and labelling sit within the Industry portfolio. The department is unable to provide legal advice on any trademark matter.

"In principle, we are also unable to provide funding to assist with an association gaining a certification trademark or opposing another party's application for a certification trademark, as trademarks are a private right," the spokesperson said.

Mr Callander said the industry was trying to maintain access to overseas markets, and this did fall within the guidelines of the federal grant program.

"We have a legal team in the UK. The grant would certainly be a large help to help us maintain our market access."

Senator David Bushby, who has been working with the association, said he was very concerned at the move by the New Zealanders to trademark the name.

"I have worked with (local producers) and the Australian Manuka Honey Association, to try to identify avenues for financial assistance in their fight to retain the right to market their product as 'manuka honey'.

"The production of manuka honey in Australia is a small but important part of our economy.

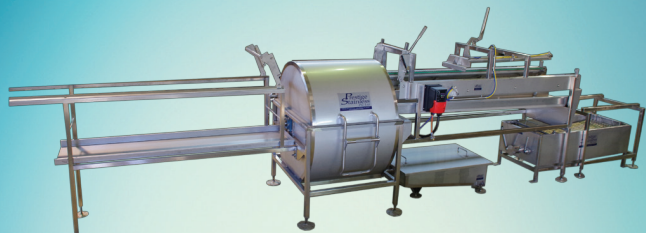
"I consider it important that decision-makers understand the likely consequences to this sector."

He said he was ensuring the new federal ministers understood the issue.

## **Volunteers Needed** **For** **2018 HoneyLand**

**See Page 25 for details**

The industry benchmark in beekeeping equipment & stainless steel manufacturing. Creating the largest Automated Honey Extractors in the world!



### Horizontal Extractors

- 36 to 60 frame 3 bank • 48 to 144 frame 4 bank
- 198 frame 6 bank • Twin Systems
- Automated self loading machines
- Wax Melters – 200 ltr to 750 ltr
- Reducers - 1200 to 1800
- Capping spinner • S/S vane pumps
- Centrifuge • Heat exchange
- Storage tanks • Mixing/heating tanks

*Prestige Stainless*

1994 Finlay Road (P.O. Box 187) Tongala Victoria 3621  
 P: +61 3 5859 1492 • F: +61 3 5859 1495  
 E: info@prestigestainless.com

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



BEECHWORTH  
HONEY

# BUYING NOW



Beechworth Honey now sourcing Australian Beeswax direct from beekeepers

A Grade Quality Australian Beeswax

Please contact Steven Goldsworthy

Mobile: 0419 559 242 - Office: 02 6033 2322



100% Australian honey... always!



THE POLLEN SUBSTITUTE THAT WORKS!

The only product that closely emulates natural pollen for better hive development

100% natural plant products, contains no pollen or hive products  
 Doubles brood rearing  
 Doubles colony population  
 Doubles Honey Crop  
 Use it for hives going into pollination  
 Use it to build strong Nucs

David & Tracey Parker  
 (02) 6368 5889  
[cotbrook7@bigpond.com](mailto:cotbrook7@bigpond.com)  
 Dave 0428829237  
[www.feedbee.com](http://www.feedbee.com)

The proof is in the results!



The Revolutionary BLUEBEES Brood Box Bottom Boards

for 8 to 10 Frame Hives

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

"Prevention is Better Than Cure"

**CHEMICAL FREE** - Pests become resistant to pesticides, bees suffer, honey & wax are polluted. Bluebees Boards curtail chemical use, your honey remains natural!

- Suppresses humidity & deprives the Small Hive Beetle (SHB) breeding conditions in the hive
- Facilitates dry & clean hives with strong & healthy bees, best bottom board for pollination
- Empowers bees to hunt & eject interloping pests such as: SHB, Wax Moth & Varroa - (not yet in Australia), as well as debris from the hive



Made in Australia to Professional Beekeeper Standards  
 Winner 2012 - Bendigo Inventor Award for Agriculture and Environment Sustainability

Contact: J-Pierre Mercader (Proprietor) Phone: 0412 541 060  
 Email: [jpm@bluebees.com.au](mailto:jpm@bluebees.com.au) Website: [www.bluebees.com.au](http://www.bluebees.com.au)

Protected by The Australian Federal Government IP Design 14221/2010 & 14222/2010. Extended till November 2020.





## Supporting Aussie Beekeepers Since 1953



For more than 60 years Capilano Honey has grown from a small beekeeping cooperative into Australia's and one of the world's largest honey packing companies. Domestic and international demand for Capilano branded honey is very strong and we are actively seeking to expand our supplier network, sourcing quality honey and beeswax from new and existing beekeepers. Capilano Honey does not require suppliers to be shareholders in order to conduct business, so give us a call to discuss your interest in supplying Capilano.

**Contact: Ben McKee**  
 Managing Director  
 Phone: 1800 350 977  
 Fax: (07) 3712 8285  
 Email: b.mckee@capilano.com.au

**Contact: Bill Winner**  
 Beekeeper Services Manager  
 Phone: 1800 350 977  
 Fax: (07) 3712 8285  
 Email: b.winner@capilano.com.au

**Contact: Michael Bellman**  
 Branch Manager, Western Australia  
 Phone: 1800 350 977  
 Fax: (08) 9271 1025  
 Email: m.bellman@capilano.com.au

**Australia's favourite honey, naturally!**  
[www.capilano.com.au](http://www.capilano.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 \$88.00)  
For further information please contact:  
The Secretary, SAAA  
1 Parma Street, Pt Broughton SA 5522  
Phone: (08) 8635 2257  
Email: secretary@saaa.org.au

### THE AMATEUR BEEKEEPER

Bi-monthly newsletter for  
The Amateur Beekeepers' Association Inc..  
Editor: Sue Carney  
Email: susancarney@me.com

### 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

AIR CTI	34
Apiary Cots	24
Aqua Block	38
Aussie Hives	36
Australian Queen Bee Exporters	15
Australian Queen Bee Line Pty Ltd	36
Avant Equipment	7
Bee Engineering	35
Beechworth Honey Pty Ltd	40
BeePlas Australia	34
Berringa	38
Bindaree Bee Supplies	2
Blue Bees Producers	40
B-QUAL Australia Pty Ltd	15
Browns Bees Australia	19
Burnett Bee Keeping Supplies	38
Capilano Honey Ltd	41
Clayton Plastics	10
CNR Insurance Brokers	17
Cottesbrook Honey	35
Covey Queens	2
Dalrymple View Apiary Supplies	21
Denmar Apiaries	2
Dewar Apiaries/Bee Build	19
Ezyloader	8
FeedBee	40
Gustare	38
Honey Down Under	2
Honey Wanted	10
Hornsby Beekeeping Supplies	27
Hummerbee Forklifts	9
Hunter Valley Apiaries	12
Hydes Creek Woodworks	24
Jz's Bz's Queen Cages	23
Lyson Beekeeping Supplies	16
NUPLAS - Plastic Hives	22/23
Penders Beekeeping Supplies	8
Pharmaceutical Talent Australia	33
Prestige Stainless	40
Printfresh	32
SA Beekeeping Supplies	34
SCHÜTZ	44
Simons Boiler Co	15
Spitwater	26
Steritech Pty Ltd	37
Superbee	43
Termseal	38
Valley Industries Ltd	10
WFI Insurance	35
www.candlemaking.com.au	10

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 T. 02 6851 1155  
BEN SMITH - E. [ben@superbee.com.au](mailto:ben@superbee.com.au)

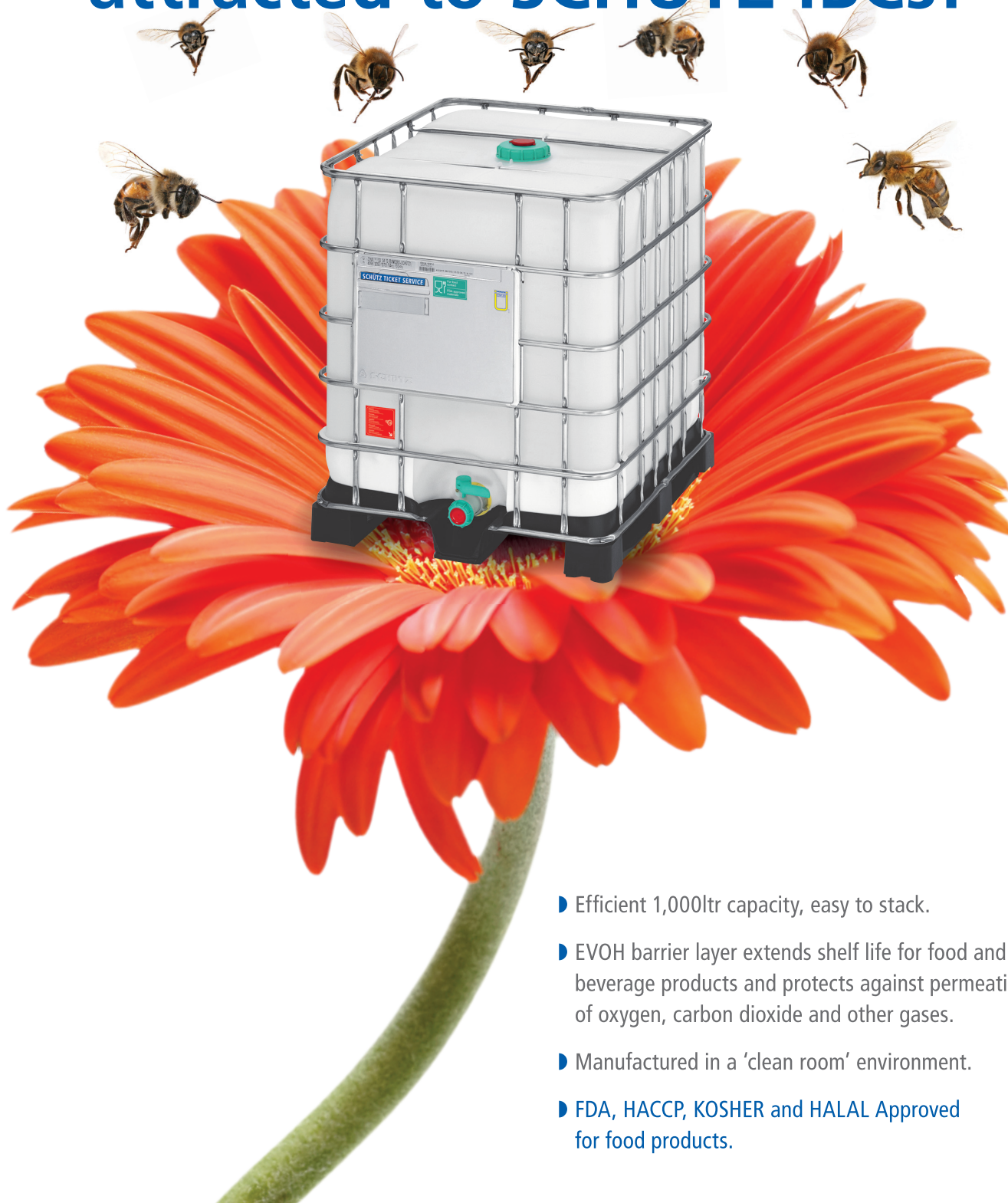
**WE HAVE NEW IBC'S FOR SALE TO OUR SUPPLIERS AT \$335 (INCL).**  
*We can deduct the price directly from your honey delivery,  
so you can take them home when you drop off the honey!*

**PAYMENT IN 30 DAYS OR LESS**



Bee Wonderful Pty Ltd  
ABN. 37 113 160 571  
Cnr Newell Hwy & Landrace Rd  
Forbes NSW 2871  
T. (02) 6851 1155  
F. (02) 6851 1177  
[www.superbee.com.au](http://www.superbee.com.au)

# Why is the honey industry attracted to SCHÜTZ IBCs?



- ▶ Efficient 1,000ltr capacity, easy to stack.
- ▶ EVOH barrier layer extends shelf life for food and beverage products and protects against permeation of oxygen, carbon dioxide and other gases.
- ▶ Manufactured in a 'clean room' environment.
- ▶ FDA, HACCP, KOSHER and HALAL Approved for food products.

SCHÜTZ Australia Pty Ltd  
T: 1800 336 228 (free call) E: salesau@schuetz.net www.schuetz.net

**SCHÜTZ**