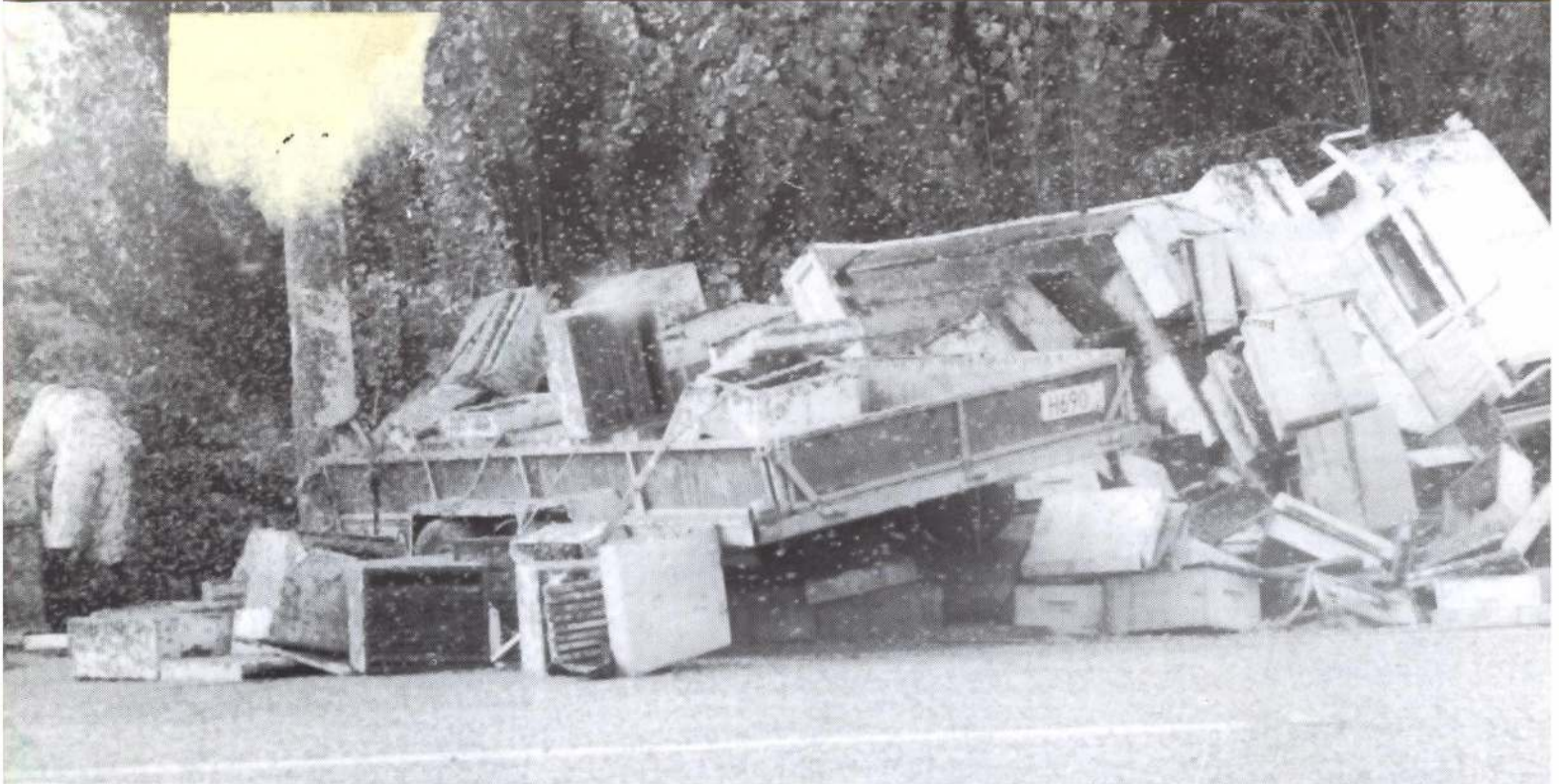




The New Zealand Bee Keeper

FEBRUARY 1994
VOL 1. No. 1

The Official Journal of the National Beekeepers Association of New Zealand (Inc.), 211
Market Street South, Hastings, New Zealand. Tel. (06) 878-5385, Fax (06) 878-6007.



A Beekeeper's worst fear

Galloway beekeeper Michael Vercoe was the centre of attention in all media throughout New Zealand and overseas too we are told, as a result of losing control of the truck and trailer that he was driving after a tyre blew out.

The truck belonging to Lester Anderson with 40 hives on board had nearly reached Lester's place when the accident occurred. He was on the scene very quickly to attempt to quieten the huge number of angry bees. Fortunately Michael was not injured and was able to put on his hat and veil to stop additional stinging.

They were soon joined by Russell Poole and two other beekeepers. Emergency services found initial difficulty in

coping with the hundreds of thousands of bees. Hives were righted and placed in a sealed school bus layby and the bees encouraged to return.

Interestingly the truck suffered minor damage, most of the impact was taken by the lids of the hives that protruded above the cab. The lids did not get off so lightly though. When righted, the truck towed in a straight line and lights worked immediately.

The team worked from about 10am until 9pm to bring the location back to order.

(We acknowledge the material and photographs supplied by The Otago Daily Times and Russell Poole).

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From the President

The 1993 — 1994 year has seen a number of major changes for the beekeeping industry — internally with changes in our administration services and to our journal, and externally through the impact of several major new pieces of legislation.

Our administration services are now provided by the Hawke's Bay Agriculture and Commerce Centre, with Mr Ron Rowe as our new Executive Secretary, assisted by Mrs Ngaire Rowe. A warm welcome to Ron and Ngaire and their staff at HBACC.

The change to our new format industry journal will be watched with interest by all members. The journal is our main method of communication with members and your executive aim to maintain the same high standards set by the earlier industry publications. Suggestions and constructive criticism are always welcomed.

As with any major changes there are sure to be some teething troubles — I am sure that members of the industry will do their best to assist HBACC in their new role, and to continue to support our industry journal.

Your executive will meet in Hawke's Bay during the first week in March. One of the main topics for discussion will be the Commodity Levies Act, which is one of the major new pieces of legislation which will change the way we fund our association.

The MAF Regulatory Authority have prepared a further risk analysis for the importation of honey from Australia (see advertisement elsewhere in this journal). This issue will also be discussed at the March executive meeting.

Crop reports from around the country suggest that many areas have average crops, although some areas in the North Island are predicting higher than average crops. Some of the drier South Island areas have benefitted from the higher rainfall and have good crop prospects, although the season seems to be running about two weeks later than usual.

Frances Trewby

Manuka Beyond 2000 — We can now confirm the rumour that a film crew from the popular Australian television series *Beyond 2000* has been in this country taking footage for a proposed segment on the antibiotic properties of manuka honey. During the early part of November the production team visited at least three sites, including Diana Lancaster and George DePenning's 309 Honey on the Coromandel Peninsula, and both Waikato University and Middlemore Hospital. You can never predict whether such filming will in fact result in a television segment making it to air, but we have our fingers crossed that a story on our magical manuka will appear this summer in Australia, and later this autumn in New Zealand. Stay tuned!

"PROSPERITY BEGINS IN THE MIND AND IS IMPOSSIBLE WHILE THE MENTAL ATTITUDE IS HOSTILE TO IT. IT IS FATAL TO WORK FOR ONE THING AND TO EXPECT SOMETHING ELSE, BECAUSE EVERYTHING MUST BE CREATED MENTALLY FIRST AND IS BOUND TO FOLLOW ITS MENTAL PATTERN."

— ORISON SWETT MARDEN; FEBRUARY 1918

The New Zealand Beekeeper

The Journal sub-committee of the NBA wishes to welcome all readers to the newly formatted N.Z. Beekeeper. This will be issued eleven times a year keeping you up to date with the latest beekeeping news and fashions, sometimes in a light hearted manner but sometimes more seriously, including research papers. It will consist of approximately the same number of pages each year as the previous New Zealand Beekeeper.

We are aiming at producing a journal which will increase commercial beekeepers incomes as well as enjoyment of beekeeping for all. We would like articles about practical beekeeping, business management etc., etc., covering as wide a field as possible. Let's keep political axe-grinding out of this journal!

This journal will be as good as the articles you send to it. Please supply short, punchy, easy to read articles which the readers will enjoy and find of interest. Has something unusual happened to you recently? Please let our editor know.

Our new executive secretary and editor of the N.Z. Beekeeper, Ron Rowe, has been working very hard to get this first journal out, ably assisted by his wife Ngaire and members of his staff.

We wish to express our thanks to the past editors of the New Zealand Beekeeper and Buzzwords and all those people who have assisted in the publication of these two journals.

We are sorry that some readers were left thinking that the Beekeeper had ceased, we have had messages of support for the changes and messages from people who questioned our brain power, all were welcome. We hope that the revamp will give the NBA a cost efficient form of communication to all members.

The journal sub-committee wishes you happy and informative reading.

Graham Cammell, Russell Berry.

John & Jenny
Dobson

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Importation of Honey from Australia

We draw the attention of all within the industry to the proposal to import honey from Australia. The MAF Regulatory Authorities notice is shown under. The National Executive will be making a strong submission and all beekeepers and those associated with the industry are urged to also make submissions and to gain as much support as possible against the proposal.

We suggest that you contact and gain support from your Land User colleagues (Federated Farmers, Fruit Growers, Grape Growers, Vege Growers and others . . .) and the local MP's be approached also.

Please contact any member of the National Executive if you wish to discuss the matter in detail.

"CONDITIONS FOR THE IMPORTATION OF HONEY FROM AUSTRALIA"

The Ministry of Agriculture and Fisheries (MAF) Regulatory Authority has prepared a risk analysis for the importation of honey from Australia. Based on the results of this analysis, the Regulatory Authority are preparing conditions for importation. Any organisation or individual wishing to make a submission on the proposed conditions may do so by **15 March 1994**.

A copy of the risk analysis and draft conditions are available from:

Michael Morris
MAF Regulatory Authority
P.O. Box 2526
WELLINGTON.
Telephone (04) 472-0367. Fax: (04) 474-4133.



Crop and market news

What an exciting time to start writing this column, honey stocks in New Zealand were very low at the beginning of this season and now most of us are having a boomer of a

season. Sorry for some of you South Islanders, and those in the west coast of the North Island — it's hard to be good everywhere, better luck during February. Those of you who have enjoyed a Christmas break plus some more, you have probably missed on a box or two of honey.

It's really good to see what a good honey flow is like again after many

years of feeding more sugar to hives than taking honey off. There have been good crops of Tawari, Manuka, Kamahi, Clover and some Rewarewa with Thistle hopefully stiii to come. I am sure you're handling your crop with appropriate care so you can sell your quality product at premium prices.

*Signed
Full Tanks*

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Introducing the new NBA administrative team

Greetings from Hastings. It is a pleasure to introduce our team to you through the newly formatted New Zealand Beekeeper. If at any time any member is in Hastings please call, you will be sure of a warm and cordial welcome.

At the beginning of January the national office of the NBA moved from Wellington (from the Pork Industry Board) to Hastings. At that time the National Executive signed a contract for services with the company; Hawke's Bay Agriculture and Commerce Centre Ltd. The contract provides that Ron Rowe be the Executive Secretary of the NBA and Editor of the New Zealand Beekeeper.

Ron is a Principal and Co-Director, with his wife Ngaire and one other partner, in the Company.

In the team at the office are: Ngaire (who will undertake the day to day work of NBA, Jan Flowers (who operates her own computer and business systems company within the office and will be assisting with accounting and computer work for NBA), Beverley (who works primarily for Federated Farmers) and Yvonne (who covers a range of administrative areas) and Ron.

Their company provides administrative, secretarial and accounting services to: HB Federated Farmers, HB Grape Growers, HB Vegetable Growers and the HB Division of the NZ Institute of Management.

In addition Ron carries out various facilitation and consulting projects for a wide range of organisations, primarily in the Human Resource, Strategic Planning, General Management and Marketing areas, both locally and nationally.

He is one of 14 persons in New Zealand licensed by the New Zealand Ministry of Commerce to deliver the World Competitive Service programme (a strategic marketing and TQM programme). He was a ministerial appointee to the Regional Development Council and then the Business Development Board until leaving Wanganui in 1991 to move to Hastings.

Ron was a foundation member and Senior Tutor in management and marketing at the Wanganui Regional Community Polytechnic, also managing a consultancy unit at the Polytechnic.

During the period with the Polytechnic, Ron ran many marketing and management seminars, workshops and a variety of other programmes in many parts of New Zealand. Clients include medical and health professionals, local authorities, government departments and many private sector companies.

Ron studied marketing and management at Victoria University and has held National and Group Marketing Manager positions.

Married to Ngaire (33 years) they have four adult children and several grandchildren. Ngaire too has tertiary qualifications in marketing and management and is an integral part of the business activities. Their home is at Te Awanga, a lovely seaside location on "The Bay" about 20 minutes drive from Hastings and Napier.



Left to right.

Seated: Jan Flowers and Ngaire Rowe.

At rear: Yvonne Hunt, Ron Rowe and Beverley McAllister

For a period in the mid-seventies Ron was the senior executive training officer for the Distribution Industry Training Board. He assisted with writing and implementing nationally, the National Certificate in Retailing, the Advanced NCR, the Store Keeping and Warehousing Programmes, and other sales programmes for Sales and Marketing Executives International. He has been the Principal tutor in national validated instructor courses.

He was nominated as one of New Zealand's leading facilitators, and is held in high regard by his peers. Ron has been described by a New Zealand newspaper as "... Having a vast background in marketing and an almost religious belief in the worth of people". Ron is a Justice of the Peace.

Over 25 years involvement in numerous community-based projects, presented with the International Presidents Award by Lions Clubs International in 1980. Both he and Ngaire were then jointly presented with the Lions Clubs International Presidents Certificate of Appreciation, being one of only a few couples worldwide to receive such an honour.

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From the Colonies

Southern North Island Branch

If it were not for the inclement weather beekeepers in this area would be singing the praises of Nature. Some days produce warm zephyrs and others produce driving rain and southerly winds, keeping the bees at home. The build up of bees has been steady and looks to peak with the expected honey flow at the end of December, but cold ground temperatures may yet delay the start of the season.

A few areas near the coast look to be well away and warm, other sites have good stocks of bees but little food stocks.

A field day in the Wairarapa is planned by the branch for 29th February, 1994 at Peter Ferris's property just north of Masterton. This will give all those eastern cousins a chance to show their western bretheren just how beekeeping should be handled. The experience of a different climate and conditions should have something to offer the hobbieist and the commercial members in our ranks. Detailed directions at a later date, nearer to the event.

Ham Maxwell

Auckland

Our next meeting is Thursday 24 February, 7.30pm at the Anglican Church Hall, Papakura (opp. 3 Guys).

The spring and summer here has been about as good as one could reasonably hope for with all hives doing well. There were a few more swarms than usual.

The main flow tails off about the 20 January as it became very dry. More of us seem to be successfully increasing income per hive rather than increasing numbers of hives.

Let's hope we get the orders for export so the price doesn't drop. Our branch is organising a stand at the Auckland Easter Show which is the first bee stand for a good few years and should expose us to a good few hundred-thousand people.

Best of luck to the new mag.

Nigel Birse.

"I found that the richest gold mines in the world were not in the great West — nor in any other part of the world — but that they are in *YOU* — and *ME*."
FANNIE HURST, novelist, 1925.

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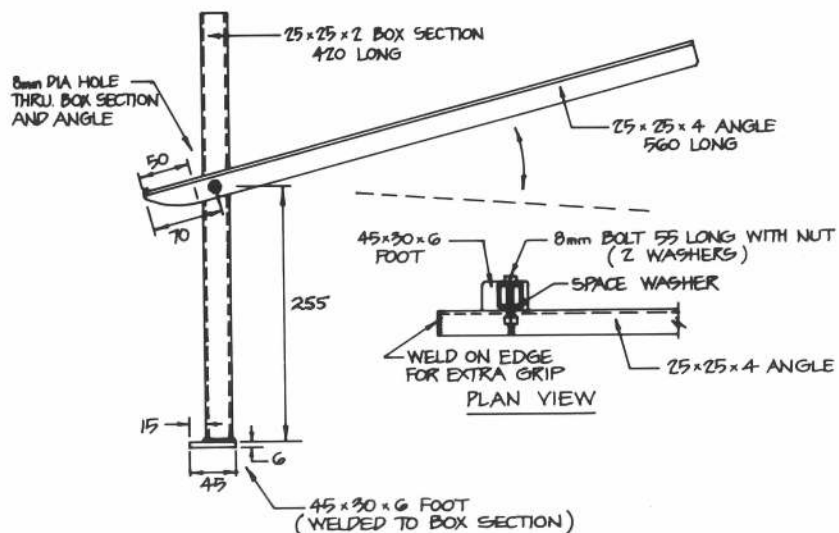
The genuine Kiwi Hive Cracker

Article by Colin McLean

Want an easy way to open up your hives stuck together by the bees? Max Olsen of Haumoana did and invented a simple but effective tool to do the job. It works as a lever, the bottom foot goes into the handle hold on the lower box and the end of the lever goes into the handle hold on the next box up, it's got a bit of weld on the top edge, ground down to give it extra

Continue P7

GENUINE KIWI HIVE CRACKER



Nosema Shortens Bee Life

— Or does it?

Nosema is the most common disease of adult bees in New Zealand. It's caused by a protozoan "bug" which multiplies in the gut wall of the bee. Infected bees are reported to age prematurely in terms of the duties they perform and to have shorter lives than healthy bees.

Nosema disease is the research focus for a team of scientists, comprising Louise Malone, Helen Giacon, Catherine McIvor and Ruth Newton, based at HortResearch's Mt Albert campus in Auckland. This work is funded by the Government-run Foundation for Science, Research and Technology (FRST).

In a recent series of experiments with bees dosed with nosema spores and kept in cages, the team found that **not all** bees have their lives shortened by this disease. This is in spite of their carrying some very heavy infections: up to 460 million spores per bee in some cases. (Naturally-infected bees usually carry around 4 million spores each.)

The method used to examine the effects of nosema on bees from different colonies was as follows: Fifty newly-emerged bees were taken from each of ten hives in the Mt Albert apiary and individually fed 2 microlitres of sugar syrup containing 200,000 nosema spores. Fifty control bees

from each colony were 'dosed' with plain sugar syrup. The bees were caged, supplied with sugar syrup and pollen substitute, and kept in incubators at 33°C and 70% relative humidity. Dead bees were removed daily and the number of nosema spores in each counted using a microscope and haemocytometer.

Dr Malone and her team chose to look at caged bees in the laboratory rather than outdoor bees in hives as this cut down on variables such as weather conditions. This allowed the researchers to examine and compare **only** the effects of nosema on bees from different colonies and nothing else.

Only bees from 4 of the 10 colonies examined had their lives shortened by nosema dosing (see Figure). The others lived just as long as their controls, even though on average they had heavier infections than the other infected bees. The mean spore load for colonies 1, 5, 6, 7, 8 and 10 was 140 million spores per bees, whereas the mean spore load for colonies 2, 3, 4 and 9 was 92 million spores per bee.

It thus seems that some bees have the ability to tolerate heavy nosema infections; infections to which other bees would readily succumb. As all bees in the experiment received the

same nutrition and were kept under controlled conditions, this "toughness" or tolerance could well have a genetic basis. This suggests that it may be possible to select for this in a breeding programme, although further work is required to confirm this.

A further interesting finding was made when the longevity of control bees from different colonies was compared. Even without nosema dosing, the bees from one colony survived in the cage for a significantly shorter time than the others (27 days vs. 37 days on average). The cause of this is unknown, but it may well be of interest to those producing package bees, and the HortResearch team intends to examine this further.

Contacts:

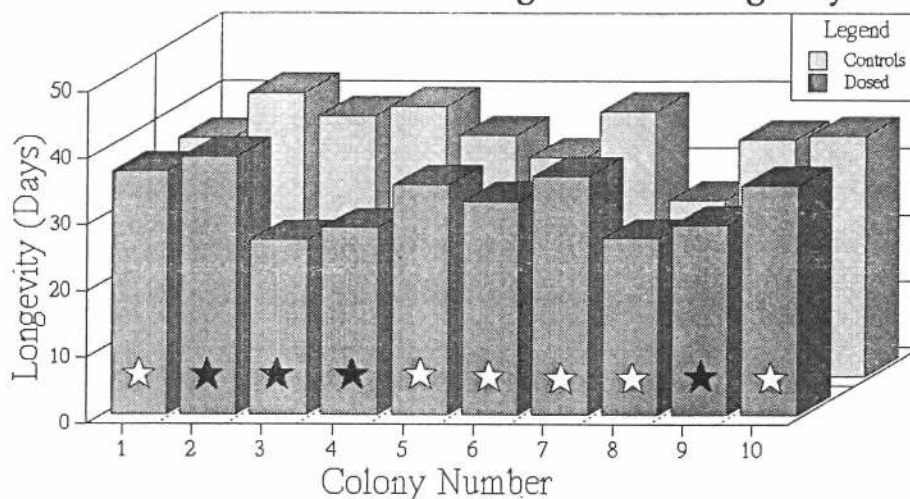
Dr Louise A. Malone or Helen Giacon
Telephones: (09) 815-4256,
(09) 849-3660

Hort Research
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Auckland.

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— HE CAN WHO THINKS HE CAN,
BY ORISON SWETT MARDEN, 1908

Effect of Nosema Dosing on Bee Longevity



★ Colonies where longevity is significantly reduced by nosema dosing.

☆ Colonies where nosema dosing does not affect longevity.

Continued from P6

grip, and crack, the boxes are separated with little effort. Basically all you need is a length of 25mm box section and a length of 25mm angle, plus a rectangular piece of steel to weld on the bottom of the upright as a foot, it extends 15mm out the front to fit into the bottom handle hold. It's a good idea to drill a couple of extra holes on the upright to allow some adjustment for boxes with varying handle holds.

Ted Roberts' comment was its the best he's seen, with many uses. On the hives close to home he cracks the boxes the day before he takes honey off, the bees clean up all the drips and broken brace comb to make the job of taking honey off easier and less messy — "its a cracker". Something which can be made for little cost.

Controls on Methyl Bromide as an ozone depleting substance

A number of New Zealand beekeepers have for many years been using methyl bromide for the control of wax moths in comb honey, particularly for export and also in stored combs and stored feed honey in combs. There are now three good reasons why beekeepers should look carefully at their use of methyl bromide and start thinking seriously about changing to the alternative of deep freezing to control wax moths. These reasons are:

- 1) It is a dangerous chemical to use and store.
- 2) Residues of methyl bromide are now able to be detected using today's sophisticated methods of testing for chemical residues.
- 3) It is now recognised as an ozone depleting substance and steps are being taken world wide to control its use.

Some time ago I attended as the NBA representative a meeting in Wellington called by the Ministry of the Environment of the various sectors in New Zealand who use methyl bromide and it was apparent at that meeting that there are many uses for this chemical and in a lot of cases it will be very difficult to find an alternative. In fact beekeepers appeared to be one of the very few who had an alternative treatment available.

On the 14 October 1993, a letter was written to me by Iain McGlincy for the Secretary for the Environment giving an update on the controls on the use of methyl bromide. The NBA Executive has asked me to draft a note for inclusion in the "New Zealand Beekeeper" — based on the substance of this letter. The following is the first part of the five page letter (see enclosed copy of first part of letter). Full copies of the letter are available to members of the NBA if they contact me at PO Box 8016, Havelock North, or phone me at (06) 877-7300.

Ian Berry

Controls on Methyl Bromide as an Ozone Depleting Substance

In 1991 scientific evidence first indicated that methyl bromide

(CH₃Br) is an ozone depleting substance.

In October 1992, at a meeting in Copenhagen, Denmark, the 110 countries which are parties to the Montreal Protocol on Substances that Deplete the Ozone Layer agreed to amend the Protocol to include methyl bromide as a controlled substance.

However, there was considerable debate at the Copenhagen meeting over how much ozone depletion is caused by human use of methyl bromide, and the availability of safe alternatives. For these reasons, unlike other substances controlled by the Protocol, the amendment does not set a phase-out schedule. Instead, the parties agreed that all developed countries would freeze their consumption of methyl bromide at 1991 levels by 1995.

The Parties requested that further research be carried out to investigate the science and the alternatives. The two reports are being prepared by a group of several hundred scientists from around the world including two New Zealanders. They are due to be completed near the end of 1994.

Based on these reports, the Parties will review the need for controls at their meeting in 1995.

The Montreal Protocol represents the international "bottom line" for controls. Because New Zealand has ratified the amendments to the Protocol we are bound to at least implement controls on the consumption of methyl bromide. (Consumption is defined in the Protocol as "manufacture plus imports less exports" so in this context

New Zealand must control its imports because we do not produce or export any methyl bromide).

Under the Protocol, methyl bromide used for "quarantine and pre-shipment applications" is specifically excluded from controls at this time because of its importance to world trade and the relatively small quantities being used in these areas.

Essentially this means that any methyl bromide used for growing crops (i.e. soil fumigation), or for fumigating buildings, is subject to restrictions on the amount which can be imported. However, the methyl bromide that is used to get produce to export markets once it has been harvested is not restricted. For example, the use of methyl bromide to sterilise soil before planting strawberries or fruit trees will be affected, but the use of methyl bromide to fumigate fruit or forest products prior to export will not.

New Zealand is obliged to have a system to control the import of methyl bromide in place by the end of 1994 and it will almost certainly require legislation to do this. We therefore need to decide on a mechanism to control methyl bromide imports by the middle of 1994 so that it can pass through the Parliamentary process before 1995. This is before the reports on when methyl bromide should be phased out are due.

This means that New Zealand must make methyl bromide a controlled substance before an international consensus exists on if, or when, it should be phased out.

Comvita increases sales to Asia

— *Export News* has also recently published the efforts of Comvita NZ Ltd in increasing sales to Asia. In its January 24 issue, managing director Alan Bougen says that Comvita's recent trade display at the Taejon Expo resulted in \$NZ2.5 million of business. Items in the Comvita ranges which are in high demand by the Asians are their royal jelly products, manuka honey,

and propolis, a bee product which is now becoming more widely recognised by the Japanese and Southeast Asians as a natural remedy. Forty percent of Comvita's trade now comes from export, with half of that going to Asia. A new agent has been appointed in Asia, and the company now employs 25 people, with five full-time sales representatives.

CERACELL APIARIST SUPPLIES

PRICE LIST

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Honeycomb Foundation Manufacturers
Suppliers of Quality Beekeeping
Equipment

FEBRUARY 1994

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BEESWAX COMB FOUNDATION EX STOCK CONVERSION

MEDIUM BROOD FULL DEPTH	.63¢	per sheet
17.5 shts/kg approx	10.70	per kg 2.75
422 x 200mm	9.80	kg ctn lot 2.20
	147.00	ctn 15kg
MEDIUM BROOD ¾ DEPTH	.53¢	per sheet
23 Shts/kg approx	10.70	per kg 2.75
422 x 200mm	9.80	kg ctn lot 2.20
	151.90	ctn 15.5kg
HEAVY BROOD FULL DEPTH	.73¢	per sheet
15 Shts/kg approx	10.55	per kg 2.30
422 x 200mm	9.70	kg ctn lot 1.95
(7 sheet special)	160.06	ctn 16.5kg
JUMBO BROOD	.98¢	per sheet
13 Shts/kg approx	12.65	per kg 2.75
422 x 260mm	11.85	kg ctn lot 2.20
THIN SUPER FULL DEPTH	.47¢	per sheet
26 Shts/kg approx	11.50	per kg 3.80
422 x 200mm	10.60	kg ctn lot 3.00
	127.20	ctn 12kg
THIN SUPER ¾ DEPTH	.37¢	per sheet
37 Shts/kg approx	11.70	per kg 4.20
422 x 150mm	10.80	kg ctn lot 3.00
	135.00	ctn 12.5kg
THIN SUPER HALF DEPTH	.27¢	per sheet
56 Shts/kg approx	12.75	per kg 5.90
	11.80	kg ctn lot 4.10
	141.60	ctn 12kg
THIN SUPER CUT COMB	.31¢	per sheet
45 Shts/kg approx	12.75	per kg 5.90
422 x 115mm	11.80	kg ctn lot 4.10
	123.90	ctn 10.5kg

All sizes held in stock at all times. Special sizes on request.

CONVERSION

Prices plus carton @ \$4.00 each. Complete, clean and in good condition. Returnable @ \$3.00 each.

BEE ESCAPE

Porter Plastic	2.40
Lega Plastic	2.35
Lega Metal	2.50

BEE ESCAPE BOARD

Porter Plastic	6.40
Lega Plastic	5.35
Lega Metal	6.50

BENZALDEHYDE

500G	each	13.50
1kg	"	23.70
2kg	"	41.00
4kg	"	75.50

BEE BRUSHES

Bristle	each	11.75
Nylon	"	8.85

CAPPINGS SCRATCHER

Metal Heavy Duty	each	34.00
Plastic	"	13.85
Rake Style	"	19.95
With Wood Handle	"	20.50

COMB CUTTER

Single Square Stainless	each	22.10
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CUT COMB TAPE

Printed 2 colours		
Red & Green on Yellow Tape		
Does approx 12 doz	reel	13.20

DISPOSABLE NUC BOX

4 frame ceracell	each	8.50
100+	"	7.75

DRUMS-220L

Food grade used	P.O.A.
Export grade	"

EXCLUDER

Plastic 1mm	each	7.50
Metal with wooden frame	1-9	12.65
.....	10-49	11.65
.....	50+	10.65

EMBEDDING

Electric transformer 6v/12v	each	92.80
Spur type	"	10.50
Electric Spur type	"	75.50

4 FRAME NUCS

Available October

FRAME GRIP

.....		22.50
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FRAME WIRE

.46mm Tinned	4.5kg	41.80
.....	2.25kg	23.65
.....	250g	5.25

FRAMED WIRE EYELETS

Eyelet Punch	Bag 5000	44.00
.....		6.20

FRAME WIRE CRIMPER

Plastic		26.50
Heavy Duty Metal		59.00

FUMAGILLIN ANTIBIOTIC

0.5G		23.85
9.5G		111.00

GLOVES

Imported American S:M:L:XL		49.00
"A" brand leather ventilated with Canvas Gauntlet	pair	44.00
"B" brand, sm,med,lge; suit short fingers	"	39.00
No Gauntlet	"	33.00
Elastasize sleeves	"	9.75
Rubber with Canvas Gauntlet	"	26.50

APISOL TREATMENT FOR GLOVES

Calms Angry Bees	bottle	11.20
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HATS

Dadent Plastic	each	24.50
Wesco Pith	"	22.50

HIVE MATS

.....	each	3.95
-------	------	------

HIVE HOOKS

.....	pair	28.75
-------	------	-------

CERACELL APIARIST SUPPLIES
Price List February 1994 (continues)

HIVE TOOLS

Kelly Type 7 inch	each	9.30
Kelly Type 10 inch	"	12.90
Genuine "Maxant" 10 inch (with hook)	"	17.65
"Kiwi" with hook	"	9.80
"Aussie" with hook	"	12.50

HIVE STRAPPERS

Genuine "Emlock"	each	7.95
3.5m Galv Band	"	1.35
Galv. Band/Reel approx. 15kg	kg	4.85
Cargo Restraint 2300kg	"	46.80
Cargo Restraint 3500kg	"	55.00
3500kg Bee-keepers "Special", Overcentre buckle with nylon webbing	1-9	7.80
.....	10+	7.00

HONEY HOUSE EQUIPMENT

Aprons 900 x 1220	each	11.50
1000 x 1220	"	12.00
Tank Scraper long handle & Rubber blade		45.92
Thermometer, 150mm probe Digital -25 + 225c 1.5 sec sample time		70.00

HONEY CONTAINERS

500g	each	.29
Per 100		26.85
1 kg	each	.48
Per 100		43.50
2 kg	each	.90
Per 100		85.10
6 kg	each	2.69
Per 100		240.00
Cut Comb Boxes	each	.60
250 per carton	Carton	137.50

EXTRACTORS

Plastic 4-Frame, Non-Reverse		328.00
With metal stand		371.00
Stainless Steel 4-Frame, Non- Reverse, Hand Driven		545.00
Metal small gear - for Lega type		24.50

HONEY GATES

Cast Iron Threaded One & Half Inch	each	68.75
Two Inch	"	77.45
Nylon One & Half Inch	"	20.95
Two Inch	"	30.30
"Perfection" Gate Two Inch	"	64.50

HONEY LABELS (Pure Honey)

250 per Reel (sample on request) ...	19.50
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HONEY PUMP

One & Quarter Inch - Gear Type	475.00
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HONEY STRAINERS

60 Mesh/300 Micron)Special sizes on Request	
40 Mesh/450 Micron)Prices vary with different	
30 Mesh/600 Micron) . size of mesh	
920 x 160	31.15
900 x 240	47.50
330 x 220	17.80
250 x 140	15.00
Round SS Double Sieve	71.70
Plastic fit 20L Course & med	18.60
Poly Pail S.S. Mesh.....Fine	22.50
Plastic Fine Sieve	22.50

HONEY REFRACTOMETER

Precision instrument with temperature compensation adjustments	\$390.00
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HONEY TANKS

Plastic with lids	65lt	66.70
.....	130lt	77.50

METAL REBATES

Per pair98
Per 100	39.15

NAILS

Flat head galvanised - 60x2.5	kg	5.85
.....	25kg	92.85
Flat head vinlcoat	1kg	16.90
12 x 1	25kg	370.00
40 x 1.6	kg	9.60
.....	25kg	218.00
50 x 2.4	kg	4.20
.....	25 kg	85.95
Less than 1kg lots plus 10%.		

OVERALLS

Cotton drill 4-12		47.30
Ceracell "Feelsafe" Top with Hood ...	74.90	
Ceracell "Feelsafe" Complete Overall with Hood-Zip waist.		89.40
Pollination suit with zip hood		94.00
Pollination jacket		65.00
Pollination Half Jacket		45.00

PARADICHLORBENZENE (PDB)

For wax moths	
500g	4.50
1kg	7.35
4kg	26.00
20kg	109.60
25kg	Bag 123.55

PARAFFINWAX

Carton - 28kg Carton	kg	2.55
- Carton lot		71.50

POLLEN TRAP

.....	55.00
POLLEN & PROTEIN SUPPLEMENT Protivy 100 - Packet	16.60

POLY JARS

500G Square & Hexagonal	each	.51
42 Units per wrap - 1-4 Wraps	"	.47 19.74
5+ Wraps	"	.44 18.48
1kg Hexagonal	each	.75
20 Units per wrap - 1-4 Wraps	"	.69 13.80
5+ Wraps	"	.64 12.80
200gm square polyjars	each	.44
.....	per 100	40.00

POLLY PAILS

20 litre	each	9.53
10+	"	8.90
5 litre	"	2.90
10+	"	2.50
Plastic Casks Screw Ltd - 451	"	59.00

**PRICKER For breaking Gel of
Thixotropic Honey**

.....	165.65
-------	--------

QUEEN & DRONE TRAP

Length 245mm	16.80
Length 370mm	29.85

QUEEN GRAFTING

Probe with Mag. Glass	each	23.50
Plain Probe	"	21.05
Brush	"	5.80
Automatic grafting tool	"	45.30
Replacement Tonge	"	3.00
Jelly Spoon	"	11.00
Swiss Grafting Tool	"	38.95
Swiss Cell Punch	"	10.80
Swiss Egg Punch	"	39.50
Eckhardt Cell Punch	"	25.95
Wood Handle Tool	"	16.00

QUEEN INTRODUCTION/MAILING CAGE

Polypropolene - Resuable	each	.32
x 1000		270.00
(Sample on request)		

CERACELL APIARIST SUPPLIES
Price List February 1994 (continues)

QUEEN MARKING KIT

5 Colours & Glue	18.70
Marking Cage Plastic	5.80
Number Marking Kit, 1-99 5 colours	36.80
Temporary Holding Cage Clip	7.80

QUEEN REARING

Nicot Queen Breeder Device	each	88.95
Cell Bar Fitting	100	.40
.....	100	33.80
Cupholder	each	.53
.....	100	43.80
Cell Cups	each	.14
.....	100	9.50
Hatching/Protecting cage	each	.46
.....	100	39.80
Candy Plug	each	.40
.....	100	33.80
Cell cup mould-fitting device		23.60
Kenco Cell Cups	each	.15
.....	100	13.00
Bozi Cell Cups	each	.15
.....	200	24.00
Bozi Cell Bar	each	1.50
Glass Queen Holding/Catching		
Device	each	8.25
Introductory Cage Nicot	each	3.95
.....	10+	36.85

SMOKERS

80mm Galv.	34.10
80mm Stainless with guard	46.15
100mm Galv. with guard	42.00
100mm Stainless with guard	49.75
100mm Stainless with guard &	
Dadent Bellows	65.50
100mm Tinplate Dadent	48.35
100mm Stainless Dadent	67.50
100mm Stainless Steel with	
Guard-Tail	74.00
Spare Bellows	
- Dadent	29.95
- Cerafin	21.50
Smoker Insert - 100mm	13.55
Fabi Spray	15.20
Sting kill swabs (pkt of 10)	10.37
Hessian Smoker Fuel	1kg 0.90
.....	50kg+ 0.40

SUGAR

35kg/50kg Bags, Pallet lots	
Raw and white	P.O.A.
850 Litre Maxi Drum Liquid Sugar	

SUMPS FOR EXTRACTERS

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Larger Sizes to Order.	
1200W Heater	120.00

STAINLESS UNCAPPING TANK

Holds 22 Frames	490.00
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UNCAPPING KNIVES

Speed King with thermostat	149.50
Steam knife stainless steel 250mm .	69.50
Steam knife stainless steel 300mm .	71.20
Plain knife stainless steel	25.50
Uncapping planes - Electric	160.65
Uncapping unit plastic 3 tubs	
& honey grate	130.85

VEILS

Ceracell Round	14.50
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WAXING TUBE

Copper	9.20
Glass	3.85

WOOD PRESERVATIVE

Copper Nathamate 6%	1kg	11.85
Dilute 1 to 5	2kg	22.20
Turps or Kerosene	4kg	39.65
.....	10kg	98.80
(Discount on larger quantity)		

WOODWARE

Supers Half Check Corners.		
12mm rebate, full depth	1-9	10.95
.....	10+	10.45
Three quarter depth	1-9	9.45
.....	10+	9.00
Cut comb & half depth	1-9	7.65
.....	10+	6.95
Frames-Hoffman full depth/		
Three quarter depth, cut comb		
sections frames & half depth-		
100/Cartron	each	.95
.....	100	71.50
Frame parts-		
Top bars	each	.36
.....	100	29.90
Bottom bars	each	.20
.....	100	17.50
End bars	each	.20
.....	100	17.50
Hive mat		3.95
Hive lid No iron		10.60
Bottom board reversable	each	8.70
Commercial	each	11.60
Sections with slit	each	.28
.....	100	26.90
Sections with no slit	each	.27
.....	100	24.90
Tin plate lids 100mm deep		9.20
Galv. Iron 710mm x 610mm	each	5.80
Cover sheet galv.iron		
2mm x 900mm		
1-24	each	8.00
25-49	each	5.75
50+	each	3.75

BOOKS ABC & XYZ on Bee Culture - Root

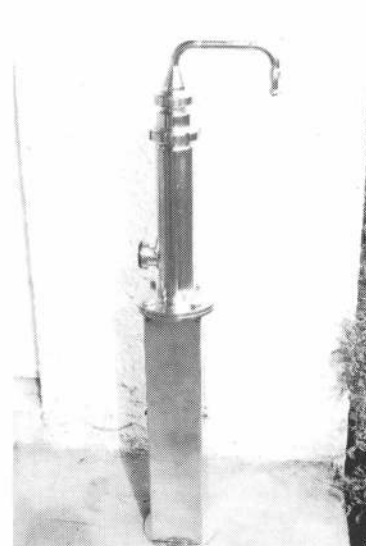
American Honey plants - Dadent	33.10
Bee-Keeping for Gardener	10.80
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First Lesson in Bee-Keeping	10.85
500 Answers to Bee Questions	6.50
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How to Keep Bees & Sell Honey	6.75
Practical Bee-Keeping in N.Z.	35.23
Contemporary Queen Rearing	
Honey in the Comb	23.75
Queen Rearing Simplified	
Nectar & Pollen Sources in N.Z.	3.50
Queen Rearing - R. Rutner	102.50
Maxant Honey Life Cycle Wall Chart	22.50
Honey Bee Study Prints	74.40
The Complete guide to Bee-Keeping	25.99
The New Comb Honey Book	18.30
Folk Medicine	8.11
Arthritis & Folk Medicine	8.11
How to Do it Book	23.38
My Favourite Honey Recipes	
- Ida T. Kelly	3.25
Wick Wax & Talk 2nd Time Around	4.10

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THE BOUTELJE 1000 HONEY PACKING MACHINE
NOW MADE IN NEW ZEALAND

25 In service world wide.
Robust stainless steel construction
Compact weight 25kg
Air operated 100 psi 8 cfm
Accurate 10g - 1000g range
22 x 250g shots per min at 35 c
Shot size changed in 5 seconds
Direct feed from any tank
Can be used as a honey pump
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Available currently on 21 day delivery
Registered design
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Use the same instrument to check honey, beeswax and paraffin wax temperature
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Guilfoyle Uncapping Machines
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Welded stainless steel chassis - Stainless serrated and Jacketed Knives - ½ HP single phase motor.
Nickel plated shafts, sprocket and bars - adjustable over load clutch
875mm wide 8 frames per minute
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Bee En Zed
Made in NZ
Cappings Spinner

Stainless steel drum and basket and shaft - 670mm dia x 940mm high.
Enclosed motor and pulley - positive shaft seal - 50mm outlet
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6000 Package bees to Korea by Freighter — Part 1

The ultimate challenge, or was it just madness?

By Russell Berry

Once in a lifetime one does something really mad. A few of us do it more than once. I think we fit into this second category. How the heck did we get involved in such a scheme? Not really by choice — we just got drawn in by circumstances.

It was a success, we only lost two packages during the flight, but never again! The stress is just too high.

The problems all started after a deal was made with our Korean friends and then the Korean laws were changed and the transiting of bees through Honolulu was stopped.

Aias we had no way of getting the bees to the 200 odd beekeepers, many of whom were relying on the arrival of bees for their livelihood for the year.

Our buyer was really feeling the pressure and naturally he conveyed this pressure on to us. There just seemed no way out after spending months working with MAF setting up protocols, New Zealand Embassy Korea, TradeNZ and ministers, leading researchers throughout the world, Canadian beekeepers, and the USDA Honolulu and Washington personnel. All the latter trying to get bees through Honolulu but with no success until well after the bees were required in Korea. There was just one option left, a Russian Ilusyan freighter flown by Pacific Express.

The plane sounded great. We were told it had carried over 30 tonnes of bees but with some mortality, but not the fault of the plane. The main problem was that the Australian bees got out into the plane and the crew got badly stung (I believe one crew member ended up in hospital for one week). Not to worry, we knew Australian bees liked doing that sort of thing. One thing that was a bit of a mystery was that we were told that the Australian bees made honey during the flight! Well, apparently we had a thing or two to learn here. Even the weight of the bees changed. The mind boggled — perhaps we should set up a packing machine in the back of the

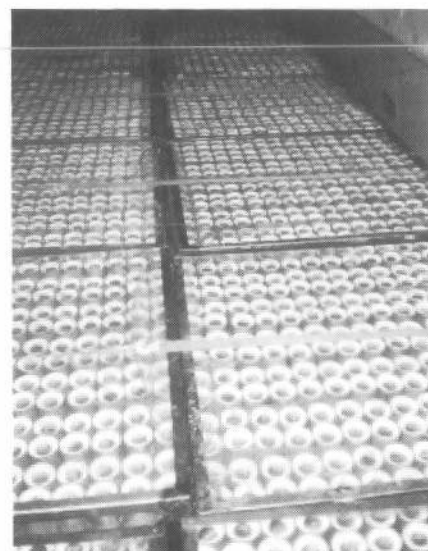


plane and sell honey at stop-overs! Then the thought occurred to us that perhaps there were no holes in the top of the cans to allow for varying air pressure. But unfortunately once again we were wrong. The over 30 tonnes of bees seemed to make our mere 9 tonnes of bees quite safe, although the air flow was about half what we would have liked it to be.

So Annette, Mark and I decided to go ahead but we were in for many surprises after the bees were packed into their tube packages. The over 30 tonnes of Australian bees ended up being over 30 tonnes of beehives (probably under 4 tonnes of bees). But the owners of the plane still saw no problems, their planes were fantastic, no matter how much I tried to explain the heat generated by bees.

Getting together 9 tonnes of bees, approximately 80,000,000 of them, and getting together at very short notice all the rest of the materials that is necessary, was quite an operation in itself.

During packaging we had one 2 hour power cut, one 1½ hour power cut and one refrigeration plant failure. The power cuts were solved by having a large generator on standby at our honeyhouse at Waitotapu, thank goodness! The packages would have been dead well before the power came back on again and the refrigeration failure was solved by the rapid thinking of my son Mark who shifted bees from one coolstore to another by forklift before any damage



was done. From then on we checked bees every two hours even throughout the night.

The plane flight

Armed with ski gear and with sleeping bags to withstand the 0 deg C for 17 hours from Auckland to Darwin to Seoul, (which the owners assured us they could maintain), we started for Auckland. The bees were fine in the cool room. A quick visit to the airlines to check on last minute details before the flight and oops! I had undercalculated the M3 of the packages. Some intense negotiations and an additional cheque made out for \$37,000. What a faux pas!! I thought I had been really careful during my calculations. Not the sort of mistake one wants to make too often.

To be continued in the next issue . . .

The Inaugural Honey Innovation Awards

In the December issue of Buzzwords I asked for beekeepers and honeypackers to provide us with information on New Zealand companies who are using honey as an ingredient in their products. The companies would become entrants in the Inaugural NZ Honey Food Innovation Awards at the Conference in Tauranga in July.

Thanks to those people who have replied.

The Awards are going to create some good publicity for both the beekeepers themselves and their manufacturing customers.

If you haven't already sent in information about your own customers **it is definitely not too late.** We'll be accepting nominations for the next three months.

As I explained in the December Buzzwords, there'll be a number of categories. We will hold off from naming the categories until we close nominations, some entrepreneur may have us looking for a new category!

There are some obvious categories, of course, and in the Beverage Category for example, nominations so far include:

The Alsace NZ Distilling Company of Blenheim with their HoneyComb Liqueur; the Harvest Mead Company of Gisborne; Barker's Wine Company of Geraldine who produce a Blackcurrant and Honey drink; Baker and Halls Lemon and Honey concentrate; the Lodgies range of 'instant hot drinks' (for example: honey and apricot).

I know that in the case of the Alsace NZ Distilling Company, some time was spent in getting the right honey to make the best product. This type of "special functionality need" is important to the honey industry. It allows for the development of product where the quality (and varietal differences) of the honey ingredient is more important than merely getting the cheapest honey available on the market.

Another category that shows a huge marketing future is Honey in



...Inaugural Honey Foods Innovation Awards organiser, Sandeef Floyd with pure NZ clover honey and a selection of nominated products. The awards will be presented at this years NBA conference in Tauranga. ...

Cosmetics/Skincare. Nominations so far include: The Living Nature range of Manuka based products; Madelaine Ritchies Honeycreme Hand Lotion with pure honey from New Zealand flowers; and the Halifax Kiwifruit and Honey Soap.

In the Foods category we have, so far: the (legendary) Sanitarium Honey Puffs; Arnotts Honey Crisp biscuits; Kohl Museli and Honey Biscuits; Bluebirds Snacker ChocHoneycrunch Muesli Bars; Vogel's Honey and OatBran Bread; and Arataki's unique HoneyMarsh (the honey marshmallow kit).

"Although we hadn't thought of a Food Service, i.e. restaurant category, Elspeth Gray of Pacific Honey Traders took the initiative to nominate "Carnivores" as the "home of honey chicken" . . . it's a good idea and will now look at how we can include restaurants using honey in innovative ways into the Awards.

So, if you are supplying honey to someone, and their name isn't listed above . . . don't get upset, just get on the phone or fax and let us know! The

more entries the better . . . the key criteria is that the product uses **New Zealand Honey and the product promotes that fact.** Your customer can be a small cottage industry or a large multinational.

HONEY MILK POWDER

As most of you know, Floyd Marketing Ltd is contracted by the NBA through the Honey Marketing Committee to carry out marketing strategies on behalf of the industry.

We also work for a number of other companies and it was always intended that this would be to the honey industry's advantage. That has proved to be the case and many of you may have heard me talking on Rural Report recently as Marketing Consultant to Tasman Milk Products Ltd. This Nelson-based company has spent some considerable time working on the development of a honey milk powder.

Tasman Milk has just completed some indepth overseas market research including sensory taste evaluations. This work has been carried out in conjunction with the NZ Dairy Board.

The result of that research is that there is a major international opportunity for this honey milk powder drink. The image that New Zealand honey has will be a key factor in the market acceptance of the 'NZ Milk 'n Honey' product.

Manuka Honey

We continue to get amazingly good publicity about the manuka honey research being carried out by Niaz Al Somei. Niaz has gone on record (on radio) as saying the research is in jeopardy because of lack of funds. In the radio interview Niaz acknowledged the contribution by the beekeepers (ie \$20,000 from the Honey Trust), but said that a lot more money is required.

I'm talking with Niaz on how to resolve this problem because as most of you may know, a preliminary assessment has shown **that the manuka honey is improving the symptoms of the patients!**

Helping Niaz get funding for the research is a priority for the Marketing Committee. We're working on it.

Getting Food Technologists aware of Honey's uniqueness

At the end of last year the Marketing Committee agreed that we would use some of our Marketing Budget to pay for the cost of a food technology Honours student at Massey University to work on a project which would benefit the industry.

We are defining the project at present; for example, to look at how honey can be used in food ingredient manufacture and have advantages over cane sugars and corn syrups.

Nutraceuticals

The New York Genetic Engineering News magazine has a very good article on health foods with the phrase "nutraceuticals" being applied to some of them.

The information was passed to me by

Professor Peter Molan and it quite clearly shows that many natural folk-lore type remedies that have previously been scoffed at, are now being given new respect by a world that is looking for natural solutions to modern health problems.

The work being done by both Professor Peter Molan and Niaz Al Somai fits into this new perspective and will directly benefit New Zealand honeys.

If we can harness this new perspective linking honey and health with the potential for manufacturers to profit from using New Zealand honey in unique ways, we are helping ensure a positive future for the beekeeping industry.

The Honey Food Innovation Awards at this year's Conference and the Massey Honours Project are all part of this strategy.

Bill Floyd
NBA Honey Marketing
Committee.

*Beekeepers wanting more information on the Honey Foods Innovation Awards should contact -
Honey Marketing, c/- Floyd Marketing, PO Box 32, Blenheim, Tel (03) 578-2706, Fax (03) 577-8429*

WANTED BULK BEES

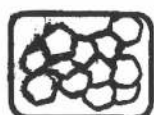
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Korean delegation in New Zealand

by Mervyn Cloake

Professor Woo of the Institute of Korea Beekeeping along with Mr Shin and Mr Ko, two Korean beekeepers were in New Zealand from January 24th to January 29th, their purpose was fact finding.

The first was to gather information on the melittiphis mite and to see first hand that they have no harmful effect on our bees. The melittiphis mites are common in New Zealand and live in association with bees.

The other was to talk to officials here to try to overcome problems with their quarantine requirements.

Korea has the potential to buy \$2-3 million of queens and packages each year.

An itinerary was arranged by MAF so that plenty of time was available for the exporters of packages to show them around and to see their operations.

On Wednesday 26th of January they were taken to Ruakura to visit Murray Reid and Mark Goodwin where all aspects of melittiphis were studied and discussed.

Thursday 27th saw the delegation visit Massey University. This was followed by a visit to Wellington where the delegation met Mr Ross Meurant, the under secretary for agriculture and forestry. They were accompanied by Mervyn Cloake, National Beekeepers Assn., Ted Roberts, NBA Executive Officer and Jim Edwards of MAF Regulatory Authority.

They also visited Dr Godwin Balasingham, Dr Ruth Frampton of the plants section of MAF RA and Dr Stuart MacDiarmid, acting chief veterinary officer of MAF RA.



Korean Certification requirements

Korean government import requirements, and the MAF Regulatory Authority's specifications for meeting them, are about to enter the final stages of negotiation, following a visit to this country by Professor Woo Kun-Suk, of the Institute of Korea Beekeeping Science, Seoul National University.

Once the RA specifications are finalised, MAF Qual will prepare a set of procedures which its officers will follow in approving live bee exports to the Korean market. The procedures are likely to be different in several respects from those used last year, and should allow exporters and suppliers to clear apiaries without the cumbersome area freedom apiary clearances (which involved Statements of Inspection, disease reports, and radius mapping).

The following is a brief outline of the conditions included in the new system. For further details contact your local Apicultural Advisory Officer:

- receipt of a current Statement of Inspection for all apiaries supplying honey bees for export.
- a clearance for exotic diseases (acariasis, the *Tropilaelaps* mite, and varroasis), based on a sample of at least 400 bees from one hive in each supplying apiary. The samples will be processed by the MAF Qual Animal Health laboratory at Invermay. Beekeepers will need to send their samples directly to this lab.
- a clearance for American foulbrood, based on a composite sample from each supplying apiary. In the case of bulk bees, the sample will consist of a composite from all hives in the supplying apiary, collected within the last 30 days. For apiaries producing queens from dedicated nucs, the composite sample can come from 10% of the nucs in the supplying mating apiary. For such mating apiaries, the 30 day time period also doesn't apply.
- a clearance for outbreaks of nosema, based on the finding of less than 2 million nosema spores per bee in the same composite sample as supplied for AFB.

For beekeepers, the new AFB provision is the one that is likely to cause some concern. However, based on tests carried out last season, those suppliers who have good AFB disease control in their outfits should have very little problem meeting the RA's specification.

The AFB testing can be conducted by an approved lab, although currently HortResearch Ruakura is the only lab we know of who is offering the service. Potential exporters and/or suppliers of live bees to Korea should contact the lab regarding costs and conditions of supply.

As far as other certification costs are concerned, provided all disease clearances are documented, MAF Qual will only be charging for the export certificate itself. This charge (\$27 + GST per certificate) remains unchanged from last year.

MAF Qual officers will also be auditing the declarations made by exporters and laboratories relating to disease clearances to ensure that the system meets the RA's specifications.

The only leaves the issue of *Melittiphis*. The Koreans have previously asked that a system be put in place to ensure that none of these mites are found on consignments of live bees. However, Professor Woo has now observed the mite in this country and has come to agree with NZ researchers that the mite is not a parasite of honey bees and in fact has no adverse effects on the honey bee colonies it comes into contact with. Still, we will probably have to wait until just before the export season begins to find out whether the Korean authorities will insist on a *Melittiphis*-freedom condition as part of their import requirements.

Source: MAF Quality Management.

Honeycomb Directory

Various headings will be used within this directory as required by advertisers and will include:

Beeswax, Honey, Bee Products, Woodware, Beekeepers supplies/accessories, Queens & packaging bees, Packaging Materials, FMG Insurance, Extracting services, laboratory services; Sugar supplies. The cost will be \$30 per comb, per issue (with 6 or more issues at \$20 per issue).

Sugar Supplies

please see advertisement on page 4 this issue for Arataki Ltd.

Beekeepers supplies/accessories

Protective wear. Full protective suits - two piece suits - jacket tops -knitt singlet tops -
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This space available for your message to the commercial and domestic sectors of the industry. Please ring (06) 878-5385 for details.

Beeswax Wanted
please see advertisement on page 5 this issue for Beeswax Ltd.

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Clover Comb Honey required
(preferably from Canterbury area)- Good price paid ph: (03) 358-7719. Stuart Ecroyd. Bee Healthy Ltd.

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Letters to the Editor

Dear Sirs,

My name is Relja Andrejic and I live in Belgrade, Yugoslavia. I have worked as a professional beekeeper since 1986.

I am writing to you with hope that you could help me to find job on an apiary, or in a honey processing factory in your country. I would appreciate your advice, suggestion or any useful information as well.

I was born in Belgrade, Yugoslavia, in 1959. After secondary school, I worked as a travelling salesman for a few years. I also spent six months on Faculty of Forestry in Belgrade, where I worked as a laboratory technician for genetics. After that, I spent another six months on a big dairy farm (two thousand milch cows) and, at the same time, I attended some courses for cattle breeding on High School of Agriculture in Belgrade. Finally, I started my career as a beekeeper.

For the first three years I worked on a scientific research apiary (bee genetics). Next two years I was apiarist on a commercial apiary. For the last two years I have worked in a private enterprise which deals in production, packing and wholesale trade of honey bee products.

As a business administrator, I acquired skills in office jobs. I am familiar with PC-computers and I have driver's licence for cars.

I can speak and write (as I am doing now) English quite enough for a normal communication. I am not married.

If you believe that my services could be of use to you or someone you know, please, inform me about that, and I'll do my best to fulfil requirements of the job offered to me.

My address: Relja Andrejic

Alekse Nenadovica 36

11000 Belgrade

Yugoslavia

My telephone number:

381 11 444 1019

Telefax numbers in my office:

381 11 672 463 or 381 11 673666

I am looking forward to hearing from you soon.

*Yours faithfully,
Relja Andrejic.*

Lower AFB Levels?

Dear Sir,

It seems to me that our AFB inspection system is not progressing towards the lowering levels of AFB. An ever present level of about 1% of hives with highs and lows, usually highs as 1% or more beekeepers in an area get into difficulty. Visual inspections are really only effective in one's own apiaries where movements can be monitored if necessary.

Maybe packers could take drum or batch samples of honey from their usually reputable and not so reputable suppliers and check AFB spore levels. If the beekeeper has very low levels she/he could be accredited with this

and their hives, bees and honey could be cleared fast track for export certification. This gives an incentive for supplier and exporter. As for those with higher levels I'm sure packers/buyer would resist because the products are saleable to a narrower range of customers.

The roadside stall sellers could have theirs tested by branch members buying the honey and having it tested costs redeemable from the NBA.

We could then spend more time/money on the same old people causing the problems rather than spending money monitoring those who look after their hives.

Nigel Birse.

"IT IS NO REAL ECONOMY TO REFUSE TO BUY BOOKS AND TAKE PUBLICATIONS THAT WILL HELP YOU TO SUCCESS, AND THAT SHOW HOW OTHERS IN YOUR LINE HAVE SUCCEEDED. A SINGLE NEW IDEA THAT YOU CAN PUT INTO PRACTICE WILL SOMETIMES PAY FOR A NEW BOOK OR FOR A SUBSCRIPTION TO A MAGAZINE OR PAPER. IDEAS ARE THE MOST VALUABLE THINGS IN THE WORLD."

Looking forward to the March Issue...

- **The Joys ? of keeping bees on an island.**
- **Quality Assurance - where's it heading**

All copy for articles and advertising should be with the editor by 1st day of the month of publication.

Honey and Bee Museum

We wish to advise that we setting up a honey, bee and beekeeping equipment museum.

We have a few items already (honey pots, honey tins, photos, price lists, extractor, etc.), but we require many more.

If you have any items that you think may be of interest to us, we would be very pleased to hear from you. We will be happy to have items donated or loaned to us (both of which would be noted in the display) and we would also be happy to purchase items.

We intend to build onto our building so that we can have a good sized and well designed display. We would hope to have the entire museum completed before the Christchurch conference in July 1995.

We are aware that Telford Rural Polytechnic is also establishing a museum. Gavin McKenzie from Telford supports our museum, and as we are both third generation in the beekeeping industry, we both have a genuine interest and will be working together on these projects.

Thank you in advance for your support.

*Stuart Ecroyd
Proprietor
Ecroyd Beekeeping Supplies*

Classified Advertisements

Available only to registered beekeepers selling used hives, used plant, and any other apiary equipment, and those seeking work in the industry. \$15.00 for 25 words (inclusive of G.S.T.) payable in advance. No discounts apply. No production charges. Maximum size: 1/6 page. No box number available.

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ECROYD BEEKEEPING SUPPLIES

New wasp bait tested

Wasp control has been taken a step further with the limited release of a new wasp bait. The Pesticides Board has granted a limited sales experimental use permit for Finitron wasp bait, a new product developed by Manaaki Whenua-Landcare Research in association with Elliott Chemicals Ltd.

Landcare Research scientist Eric Spurr says Finitron is a breakthrough in wasp control because the poison is effective against wasps but of low toxicity to humans and other animals. "The great advantage over currently available methods of control is that there is no need to find nests or approach nests when found. Worker wasps find the poison bait, carry it back to the nest, and feed it to their young."

The bait contains a poison mixed with fish paste, and is supplied frozen. Only a limited amount of the bait is available for sale and purchasers must register with Landcare Research to provide feed-back on the success of the bait. The bait is being trialled by user groups such as the Department of Conservation, beekeepers and grapegrowers.

Dr Spurr is currently working on an alternative to the frozen bait, and hopes that by next season Finitron will have full registration and be available for the public to buy over the counter.

Dr Spurr says the bait should be effective wherever wasps can be attracted to fish or meat baits. "The bait is known to attract wasps in beech forest picnic areas and apiary

New law on safety in the Workplace

The Health and Safety in Employment Act (HSE) 1992 came into effect on 1 April 1993. It brings almost all occupational safety and health legislation into one act.

It clearly defines responsibilities — the primary responsibility for health and safety in the workplace rests with employers (including self-employed workers such as farmers), who must: ensure employees are safe at work, identify all hazards and does something about them (which may include providing protective clothing and equipment), develop safety and emergency procedures, inform employees about any hazards and the results of any monitoring of their health or work environment, and train people to work safely or they must be supervised by someone qualified.

OSH

The principal regulatory body involved in farm safety is the Occupational Safety and Health Service (OSH) — Te Ranga Oranga — of the Department of Labour. OSH was formed in 1988 with the occupational safety and health staff from three agencies — inspectors from the Department of Labour, ACC injury prevention consultants, and health

advisors from the old area health boards.

Responsibilities

Employers must notify OSH of any serious accidents involving their staff — any injury that results in the injured person being absent from work for 48 hours or more. They must also keep a register of all accidents and near-accidents involving anyone in the workplace, including visitors.

For the first time the responsibilities for safety between companies and contractors or subcontractors are defined. A company which hires any contractor or sub-contractor must take all practicable steps to ensure that neither the contractors or sub-contractors (or their employees) are harmed while at work. The company will have control of the site but the Act does not take away the responsibilities of sub-contractors as employers in their own right.

OSH inspectors have the power to enter places of work at any reasonable time and carry out inspections and investigations — they will also work with employers and the workforce on health and safety problems.

More information

Those requiring more information about their obligations under the Act are advised to contact the nearest branch of the Occupational Safety and Health Service (under 'Labour, Department of' in the telephone book).

sites, but it has not been fully tested in urban areas."

He said most wasp nests within 150m of the BAY OF PLENTY POLYTECHNIC and if suffic



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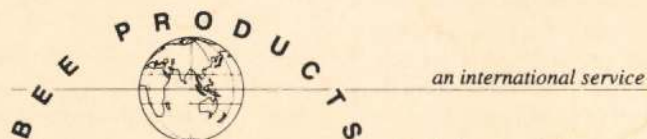
HONEY SUPPLIES - We wish to buy honey that is surplus to New Zealand's needs.

In our view markets are now reacting to a greater degree to supply and demand and less to the marketing policies of nations. The result is that the gap between world market prices and the New Zealand domestic market has diminished and the world supply and demand position seems to suggest rising F O B values as the year progresses.

At this stage we do not expect early 1994 prices to be greater than in 1993.

BEESWAX - If you have beeswax to sell please note that we have satisfactory overseas outlets.

GENERAL MARKETING - If you have a marketing problem we have the marketing experience. Please do not hesitate to contact us by telephone, fax or letter.



Percy Berry N.Z. Ltd.

Managing Director, Percy Berry
Secretary, Des Thompson ACA

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