

NEW!



**NIL  
WITHOLDING  
PERIOD**

# VitaBee



## CASE STUDY

Conducted by RN Farrer - Reported November 2015 & updated March 2016  
Neil Farrer Apiary Services Ltd.

**Trial:** Consisted of feeding new VitaBee to bees during the summer and wintering 2015, summer 2016.

**Feeding:**

- Wintering Down – Fed every three weeks 50mls / 2 litres of sugar syrup.
- Spring Development – Fed Syrup 50ml / 2 litres of sugar syrup.

- From February/March 2015, a Trial Apiary was set up of 16 hives with new frame feeders and Queens.
- Feeding new VitaBee product over the summer months with no ill effects. The bees consumed all the VitaBee product.
- June lost 2 hives due to storm and 2 hives to Queen failure. The remaining 12 hives continued to grow and develop very well.
- During April to August 2015 all hives were fed every three weeks.
- September the hives were 'so strong' that 26 new hives (figure 1) were split from the remaining 12 hives. No production was sacrificed in the splitting showing excellent increase in brood population.
- 16 hives remained at the 'Trial Site' (Figure 2). 10 hives taken to a public berry garden (Figure 3). All new hives received new Queen cells.
- Two week check found 3 Queen cells hadn't produced Queens and received new Queen cells mid October.
- Remarkably the new hives were very productive.
- 26 October 2015, inspected by AFB Pest Management Board – impressed with calmness of bees and the strength of the hives over other apiaries in the area.
- Over the summer of 2015-2016: Normal development of all split hives; feeding continued to December. Hives left alone until February. Honey boxes removed and honey extracted.
- **RESULT:** Average 2 honey supers per hive; yield average 25% above other similar apiaries in area.
- 10 hive site at public berry garden: Splits were located outside tunnel houses. Comment from garden owner that staff noted how quiet the bees were in the tunnel houses and around the berry gardens.

FIGURE 1:



FIGURE 2:



FIGURE 3:



## Change in temperament

10 Hives at public Berry Gardens were calmer and not aggressive to people traffic displaying excellent brood temperament.

**For more information visit [www.palamountains.info/vitabee](http://www.palamountains.info/vitabee)**



NOT INTENDED FOR HUMAN CONSUMPTION



A nutritional supplement providing essential nutrients  
for assisting in the overall health of bees.

# VitaBee

## NUTRITIONAL SUPPLEMENT

containing bio-available:

- ✓ **Multivitamins**
- ✓ **Protein**
- ✓ **Vitamin C**
- ✓ **Antioxidants**
- ✓ **Omega 3, 6 & 9**



### Feeding Instructions:

Feed every 2-3 weeks depending on the take up rate.  
Recommended to feed 2-3 brood cycles **Prior** and **After** the  
main honey flow season.  
Mix 50ml of palaMOUNTAINS VitaBee to 2 litres of Sugar  
Syrup per bee hive.

### SHAKE WELL BEFORE USE.

Do not exceed recommended serving amount per day.  
Store in a cool place out of direct sunlight between 10 - 25°C.

### Guaranteed Analysis per 100mls of oil

Vitamin A	min	13,310 iu	Vitamin C	min	182.5 mg
Vitamin D	min	1,300 iu	Niacin	min	140 mg
Vitamin E	min	80 iu	Pantothenic acid	min	12.1 mg
Vitamin K	min	0.09 mg	Folic Acid	min	2.5 mg
Vitamin B1	min	26.7 mg	Selenium*	min	0.007mg
Vitamin B2	min	10.7 mg	Fat	min	0.1g %
Vitamin B6	min	9.7 mg	Moisture	min	59.1%
Vitamin B12	min	44 ug	Protein	min	5.9%
Biotin	min	122 ug	Ash	min	2.3%

\* Do not exceed the stated dose and frequency. Do not use at the same time as any other  
selenised product without consulting a Veterinarian.

### Other Ingredients:

Whey protein isolate, maltodextrin 10 DE,  
Multivitamin mix, Citric Acid, Sucrose,  
potassium sorbate, sodium acid  
pyrophosphate, sodium metabisulphite,  
yeast, water.

Patent Application PCT/NZ02/000220

VitaBee has been assessed and is exempt from registration  
under schedule 2 of the ACVM Regulations 2011.



Manufactured by:

**vitaPOWER** Ltd vita0103

PO Box 448, Wanganui 4541, New Zealand



Product of  
New Zealand

Formulated by Massey University Food

Technology Department, Palmerston North, New Zealand

*A nutritional supplement providing  
essential nutrients for assisting in  
the overall health of bees.*

**Enquiries phone:**  
**0800 848 276**



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