

9/3.

Ag. 53
6/4

P. O. Box 112,
PALMERSTON NORTH.

26th March, 1940.

The District Supervisor,
Horticulture Division,
Department of Agriculture,
PALMERSTON NORTH.

Particulars of Permits issued for the Importation of Queen
Bees into New Zealand.

Further to my memorandum 9/3 of 8th instant:

In accordance with your instructions, I made a careful examination of Mr. Muggeridge's apiary at Manutahi on 15th instant and found all six hives to be free of disease symptoms of any sort.

On 21st instant I partially examined Mr. Adams' apiary at Tokomaru but heavy rain prevented a satisfactory inspection. I accordingly returned there this morning. Following are the facts:-

1. Apiary owned by Mr. A. B. Muggeridge, Manutahi. No disease.
2. " " " Mr. W. L. Adams, Tokomaru:-

140 colonies, 8 pure bred Carniolans, the balance hybrid colonies ranging from 1st cross Carniolan and Italian to a number of recently introduced pure Italian colonies.

I examined the Carniolan, the cross breeds and a number of the Italian colonies.

All colonies were found to be free from American Foul Brood (the apiary was recently inspected by the Part-time Apiary Inspector, Mr. F. J. Lewin).

No evidence of sac-brood was found, but a number of instances of dead brood was observed. In every case death had occurred in the pupal stage and in some cases within a day or two of emerging. These instances may be regarded as normal in that they are found in most colonies and may be attributable to under-nourishment (lack of pollen in chyle), lack of stamina, chilling, this being especially noticeable in outside combs or in supers from which the main force of bees has been withdrawn during cold snaps.

Isolated instances of dead pupae were also found in the centre of combs containing large areas of healthy brood.

I examined every case and made the following observations:

All heads blackened.
Proboscis fully extended.
Appearance of thorax greasy and hairless.

Antennae yellowish, soft.
When alive, the bees falling to hatch exhibited the above
symptoms, occasionally rubbing proboscis with legs.

Enclose separate cover I have sent a number of
specimens in case they should be of any assistance.

W. H. H. H.
W. H. H. H.

APPLANT INSPECTOR.

E.S.G.

The Director,
The Horticulture Division,
Department of Agriculture,
WELLINGTON.

For your information.

B. Q. Goodwin,

DISTRICT SUPERVISOR,
Horticulture Division,
(File 126/4)

2.3.40.

E. G. G. G.
Please prepare forms submitting specimens & material.

W. H. H. H.
1/4/40

W. H. H. H.
1/4/40

STATEMENT OF BEES SALES DURING
 4th April, 1940.

PACKED FRUIT in Standard Cases
 Direct Sales to
 Auction Sales
 The Officer in Charge,
 Animal Research Station,
 Wallaceville,
 per private Bag.
 WELLINGTON.

For your information I quote hereunder an extract from a memorandum received under date of 26th ultimo from the Apiary instructor, Palmerston North, reporting on the apiary owned by Mr. W.L. Adams, Tokomaru:-

"110 colonies, 8 pure bred Carniolans, the balance hybrid colonies ranging from 1st cross Carniolan and Italian to a number of recently introduced pure Italian colonies.

I examined the Carniolan, the cross bred and a number of the Italian colonies.
 All colonies were found to be free from American Foul Brood (the apiary was recently inspected by the Part-time Apiary Inspector, Mr. F.J. Lewin).

No evidence of bee-brood was found, but a number of instances of dead brood was observed. In every case death had occurred in the pupal stage and in some cases within a day or two of emerging. These instances may be regarded as normal in that they are found in most colonies and may be attributable to under-nourishment (lack of pollen in chyle), lack of stamina, chilling, this being especially noticeable in outside combs or in supers from which the main force of bees has been withdrawn during cold snaps.

Isolated instances of dead pupae were also found in the centre of combs containing large areas of healthy brood.

I examined every case and made the following observations:

- All heads blackened.
- Proboscis fully extended.
- appearance of thorax greasy and hairless.
- Abdomen yellowish, soft.
- where alive, the bees failing to hatch exhibited the above symptoms, spasmodically rubbing proboscis with legs.

Under separate cover I have sent a number of samples in case they should be of any assistance."

I have despatched under separate cover a sample of the bees referred to for examination, and I shall be glad if you will advise me of the result of your findings.

4/10

(SIGNED) W. K. DALLAS
 per W.T.G.

Director of the Horticultural
 Division.