

U.S. Department of Agriculture - Agriculture Research Service
Bee Research Laboratory
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BEE DISEASE DIAGNOSIS

Date Received: 17-April-2012	Date Notified: 20-April-2012	Apiculture Number: BRL 3155
Apiary Owner: PETRUSIA KOTLAR LINDEN HILL FARM APIARY 8 MABEY LANE TOWACO NJ 07082	Sample Submitted By: SAME	
Sample information: Bees (13)	Diagnosis By: S. K. Abban	Date Diagnosed: 20-April-2012

These samples were screened for varroa and honey bee tracheal mites, and nosema disease.

Results:

Nosema disease (*Nosema* sp.)

See below.

Sample Info	Varroa Mite Infestation Rate: # mites/100 bees	Nosema Disease: - = negative + = positive	Average # Nosema spores per bee (million)	Honey Bee Tracheal Mite: # bees with mites out of 16 bees examined
A	0.0	+	3.05	0
B	0.0	+	4.70	0
C	0.0	+	0.90	0
D	0.0	+	3.60	0
E	0.0	+	4.40	0
F	0.0	+	2.00	0
G	0.0	+	11.10	0
I	0.0	+	2.85	0
J	0.0	+	1.80	0
K	0.0	+	6.65	0
L	0.0	+	2.90	0
Garden 1	0.0	+	1.35	0
TGH	0.0	+	0.35	0

Nosema average spore counts =>1,000,000 are considered high.