

**Complimentary Lab Report for Bee Samples Collected from Hives of Lewis Cauble
8 Sept 2010**

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Bee Sample Results: Lewis Cauble

Date	Sample	V. destructor per 100 bees	Tracheal mite (% of bees positive)	Nosema spp. spores per bee
8-Sep-10	Bowers - 2	4	0	0
8-Sep-10	B1 Breeze	0	0	250,000
8-Sep-10	Home - 2	5	0	0
8-Sep-10	ELY - 1	8	0	0
8-Sep-10	Home - 1	6	0	0
8-Sep-10	5 Star - 1	2	0	0
8-Sep-10	Bowers - 1	0	0	0
8-Sep-10	WildHare	2	0	0

Color Code Legend

	Indicates that the disorder or condition was not apparent or not a concern. Given proper management and no complicating factors, the disorder should not contribute to reduced winter survival of colony.
	Indicates a disorder or condition is present and needs to be managed. If the disorder or condition is mitigated through proper management, then the disorder should not contribute to reduced winter survival of colony.
	Indicates a serious problem exists. Extreme management measures are required. If no action is taken, the disorder may significantly reduce the chances of colony survival over winter.
	Indicates the situation is beyond hope and no degree of management will save the colony, or the colony is already dead.

Provisional Thresholds

Varroa mite (# / 100 bees)	0 to 1	>1 to 3	>3 to 8	>8
Tracheal mite (% of bees infected)	0	>0 to 10	>10 to 30	>30
Nosema spp (# spores / bee)	0	>0 to 1,000,000	>1,000,000	>10,000,000 (?)

IMPORTANT NOTE:

It must be understood that this report and all thresholds and interpretations are not to be considered definitive. Many factors affect the survival of honey bee colonies and these results provide only limited insight to the health status of the colonies sampled.