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Weevil Monitoring

Supplement to UC IPM Pest Management Guidelines: Alfalfa

Grower _____ Date of survey _____

Field location _____ Comments _____

Monitor fields with a sweep net weekly when weevil larvae begin to appear. As threshold populations are approached, monitor every 2 to 4 days to see if population crashes due to natural enemies, or until a treatment decision is made.

1. Divide each field into 4 or more areas.
2. Take 5 sweeps per section.
3. Stop and count the number of alfalfa larvae per sweep; divide this number by 5 to get the average.
4. Base population estimates on the average of all sweeps in the field.
5. Consider early harvest or treatment if the average sweep count is 20 larvae per sweep.

Sweeping does not provide reliable populations estimates on young plants or on stubble immediately following a cutting—so look for damage; if 20 to 25% of the terminals show damage, treatment should be considered.

	Date: _____	Date: _____	Date: _____	Date: _____
Area	Number of larvae	Number of larvae	Number of larvae	Number of larvae
1				
2				
3				
4				
Total larvae:				
Average number of larvae=Total number of larvae / total sweeps				
Threshold: Harvest early or treat if average is greater than or equal to 20 larvae.				