

# Action / Economic Threshold

## Sampling – Sweep Net

• Weevil populations can be detected with a sweep net.

- 8" to 10" high alfalfa
- 180° arc
- 10 sweeps at 4 locations

Management Threshold  
**25 larvae per sweep**



## Sampling – Stem Counts

• Monitoring tip feeding is simple

- Select 10 to 20 stems from 5 locations
- Examine tips for feeding
- Determine % damaged tips
- Determine average # of larvae/stem

Management Threshold  
 IF, **30 to 50% damaged tips**  
 IF, **1.5 to 2 larvae per stem**

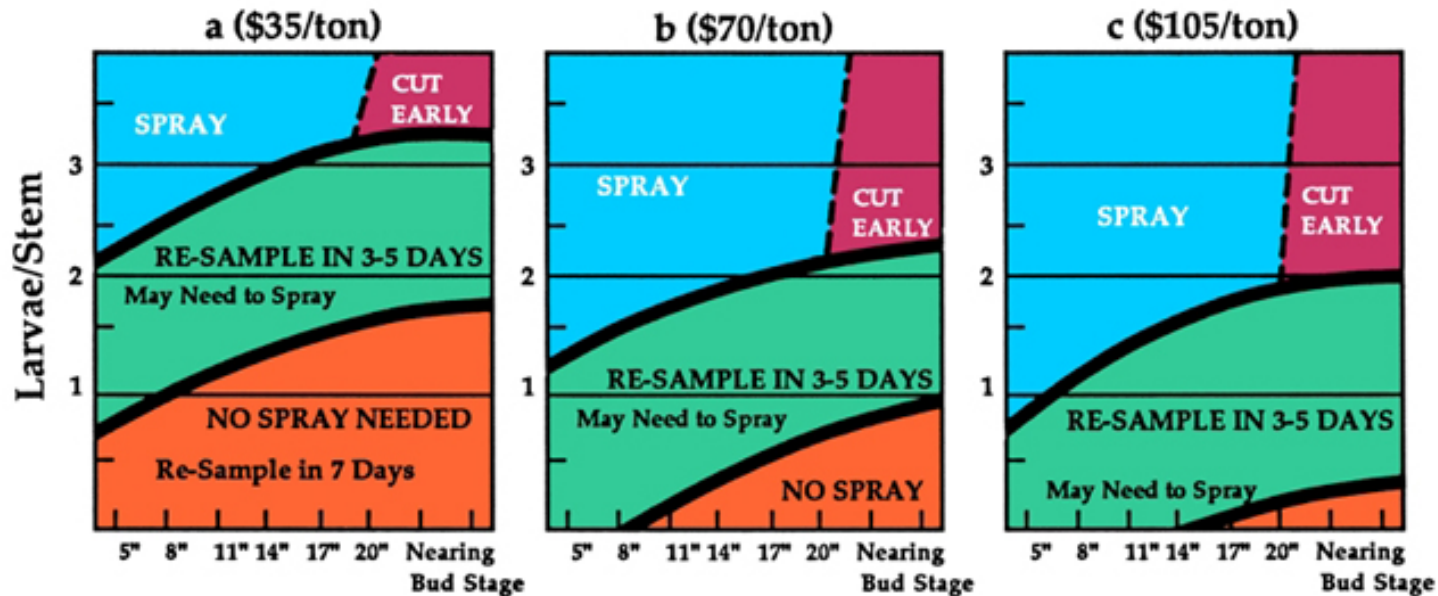
## Damage – AFTER First Cutting

• Monitor stubble and regrowth for surviving larvae

- Inspect 20, 1 sq ft samples
- You may take samples in windrow
- Larvae concentrated here

Management Threshold  
**8 or more larvae per square foot,**  
**or feeding is suppressing growth**

## ALFALFA WEEVIL STEM COUNT METHOD



Height of Alfalfa



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