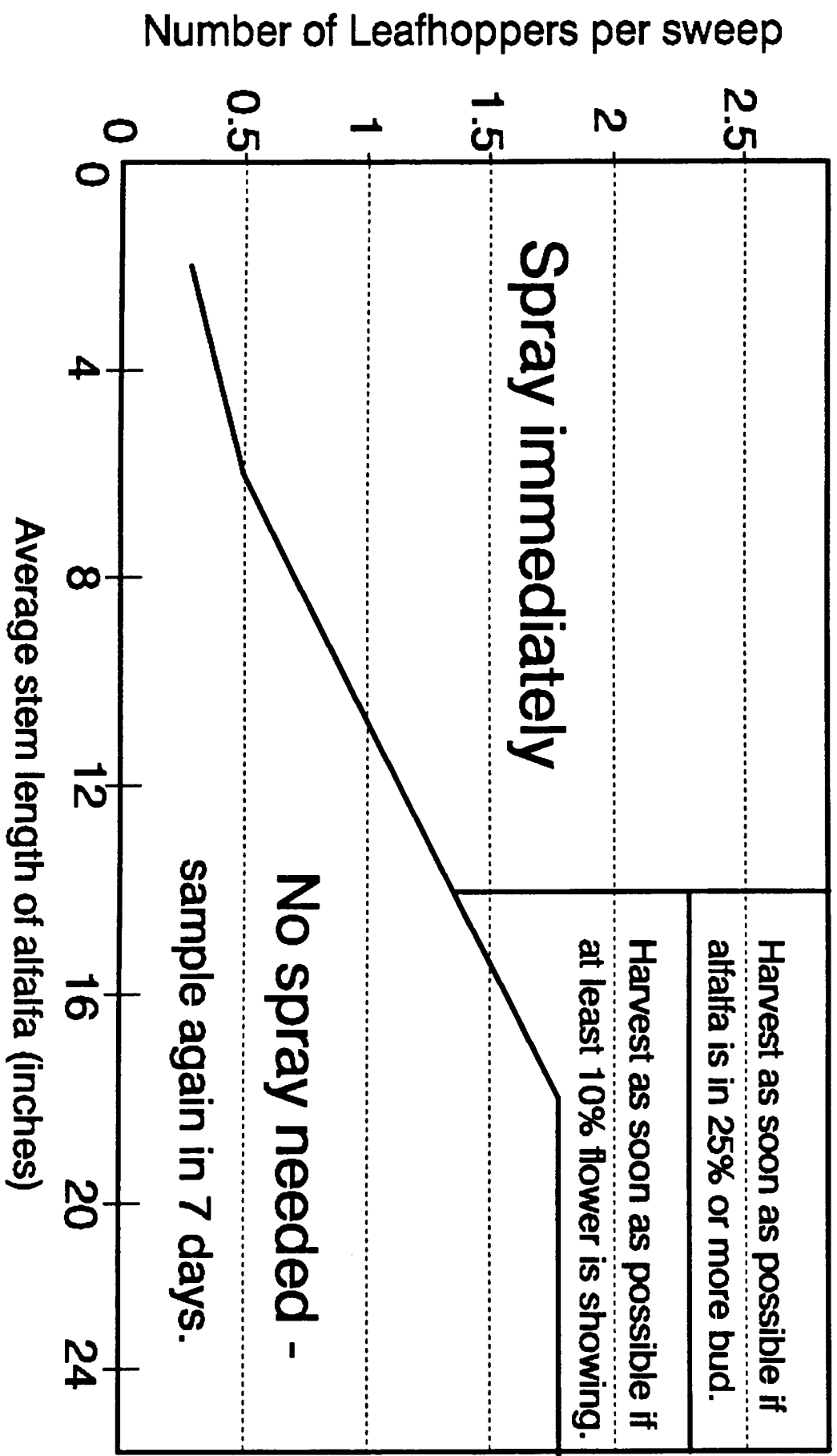


# POTATO LEAFHOPPER DECISION-MAKING CHART



**SAMPLING METHOD**  
**POTATO LEAFHOPPER - ALFALFA**

1. At each of six random, but representative sites in the alfalfa field, take 10 sweeps with a 15" sweep net.
2. Follow a zigzag pattern while taking each set of 10 sweeps. A sweep is defined as the swing of the net from side to side. The proper broom-sweeping, pendular motion is achieved by swinging the net and walking forward one pace for each downward swing.
3. After 10 sweeps at one site, quickly swing the net back and forth in the air a few times. This forces the insects down into the small end of net bag. Immediately grasp and close the net bag to prevent any insects from escaping.
4. Carefully unfold the net, counting the number of leafhoppers as you work your way down to the small end of the net bag. Count both nymphs and adults. If the insect populations are very high, six samples may be more than needed to make a correct pest management decision. A sequential sampling plan is available.
5. At each sampling site, measure and record the stem length of two randomly selected plants.
6. Record the total number of leafhoppers at all six sites and divide by 60 to determine the number of leafhoppers per sweep. Divide the total stem length by 12 to estimate the average stem length.
7. Note and record the percentage of bud and percentage of flower.