

Speed Scouting for Soybean Aphid

For blank forms, go to <https://www.ent.iastate.edu/soybeanresearch/content/extension>

Directions for Speed Scouting:

1. Go to a plant at random and start counting aphids. If less than 40 aphids are on the ENTIRE plant, mark a minus [-] for that non-infested plant. If you reach 40 aphids, STOP COUNTING (this is the speedy part!) and mark a plus [+] for that infested plant.
2. Walk 30 rows or paces at random to find the next plant. Repeat Step #1 until 11 plants are sampled in different areas of the field. Total the number of infested plants [+] to make a treatment decision.
3. If you must 'CONTINUE SAMPLING' (7-10 plants with a [+]), sample 5 more plants and use the new total number of plants to make a decision.
4. If no decision is reached, sample additional sets of 5 plants until 31 plants are sampled. Remember, always use the total number of infested plants [+] to make a decision. If no decision can be made after sampling 31 plants, resample the same field in 3-4 days.
5. A 'TREAT' decision must be confirmed a second time 3-4 days later. If confirmed, apply an insecticide in 3-4 days.

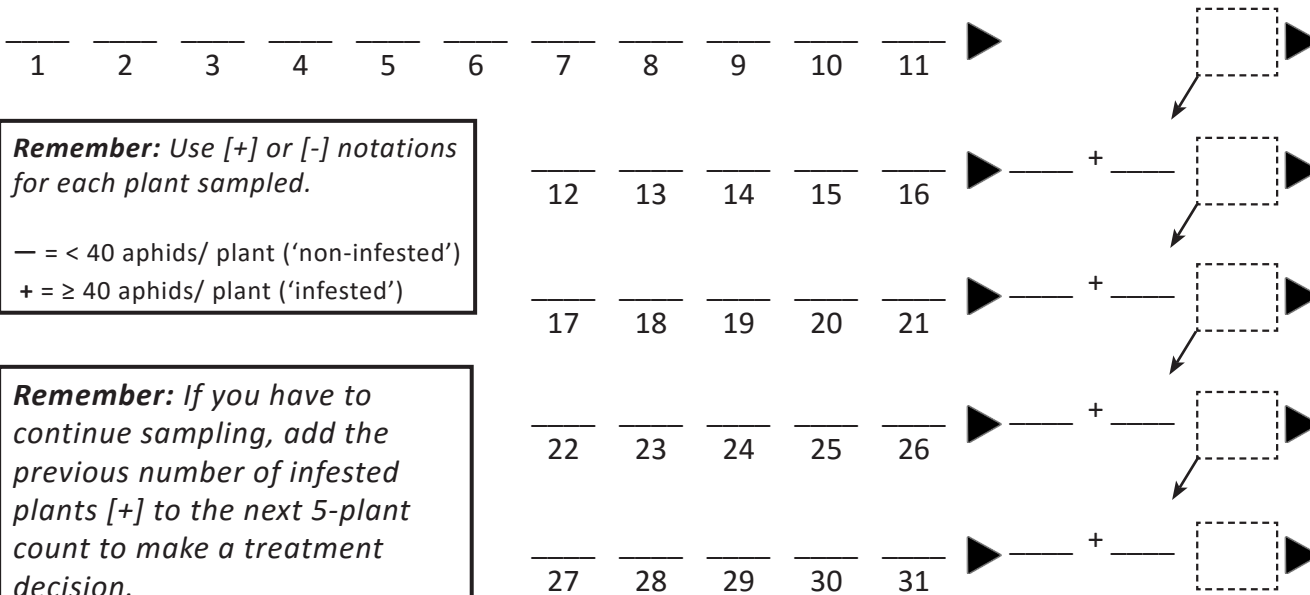
Field Location: _____

Average Plant Stage: _____

Date: _____

Treatment Decision: _____

Field Notes: _____



Remember: Use [+] or [-] notations for each plant sampled.

- = < 40 aphids/ plant ('non-infested')

+ = ≥ 40 aphids/ plant ('infested')

Remember: If you have to continue sampling, add the previous number of infested plants [+] to the next 5-plant count to make a treatment decision.

DO NOT TREAT, resample in 7-10 days	CONTINUE SAMPLING 5 more plants	TREAT, confirm again in 3-4 days
6 or less	7 to 10	11
10 or less	11 to 14	15 or more
14 or less	15 to 18	19 or more
18 or less	19 to 22	23 or more
22 or less	23 to 26, <i>Stop sampling!</i> <i>Return in 3-4 days.</i>	27 or more