

Speed Scouting for Soybean Aphid

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Go to www.soybeans.umn.edu
for FAQs and copies of the form.

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Directions

1. Go to the first plant at random. If less than 40 aphids are on the entire plant, mark a minus [-] for that non-infested plant. If at least 40 aphids are on the plant (STOP COUNTING when you reach 40 – this is the speedy part), mark a plus [+] for that infested plant.
2. Choose a direction at random and walk 30 rows or paces to the next plant.
3. Repeat Step #1 until 11 plants are sampled in different areas of the field.
4. Make a decision using the total number of infested plants (the total number of pluses).
5. If you must 'continue sampling' (7-10 plants with a +), sample 5 more plants and use the new total number of plants (16) to make a decision.
6. If no decision is reached, sample additional sets of 5 plants until 31 plants are sampled. Remember, always use the total number of plants to make a decision.
7. If no decision can be made after sampling 31 plants, (23 to 26 plants with a +), resample the same field in 3-4 days.

Field: _____ Date: _____ Decision: _____

Use these - = Less than 40 aphids/ plant ('non-infested')
Notations: + = 40 or more aphids/ plant ('infested')

Total # of
Infested plants:

DO NOT treat.
Resample in
7-10 days

CONTINUE
sampling
5 more plants

TREAT within
7 days

1 2 3 4 5 6 7 8 9 10 11 ▶

12 13 14 15 16 ▶ + _____

17 18 19 20 21 ▶ + _____

22 23 24 25 26 ▶ + _____

27 28 29 30 31 ▶ + _____

Remember: When you continue sampling, add the previous # of Infested plant to the new count to make the next decision.

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	27 or more

Plant Stage: _____

Notes: _____

STOP SAMPLING!
Resample the same field
in 3-4 days.