

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, resample the same field in 3-4 days.
8. A 'TREAT' decision must be confirmed a 2nd time 3-4 days later. If confirmed, apply insecticide in 3-4 days.

Field: _____

Date: _____

Decision: _____

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



Total # of Infested plants:



DO NOT treat.
Resample in
7-10 days

CONTINUE
sampling
5 more plants

TREAT decision,
confirm in
3-4 days

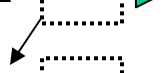
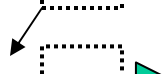
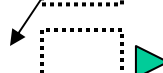
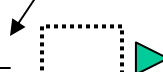
1 2 3 4 5 6 7 8 9 10 11

12 13 14 15 16 + _____

17 18 19 20 21 + _____

22 23 24 25 26 + _____

27 28 29 30 31 + _____



6 or less

7 to 10

11 or more

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

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

Plant Stage: _____

Notes: _____

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

CONFIRM 'TREAT' DECISION
Resample the same field in 3-4 days
Apply insecticide in 3-4 days if confirmed