

SHOULD I SPRAY FOR SOYBEAN APHIDS?

Treat when field average is **250 APHIDS/PLANT** and populations are **ACTIVELY INCREASING**.

A **MINIMUM OF TWO FIELD VISITS** are required to determine if aphid populations are increasing. To calculate a field average, count the number of aphids on **20-30 PLANTS/FIELD**, from a sample representative of at least 80% of the field.

Begin field scouting in late June (late vegetative to beginning bloom soybean growth stages), making one or two visits/field/week. Continue scouting until aphid populations decline, usually mid to late August.

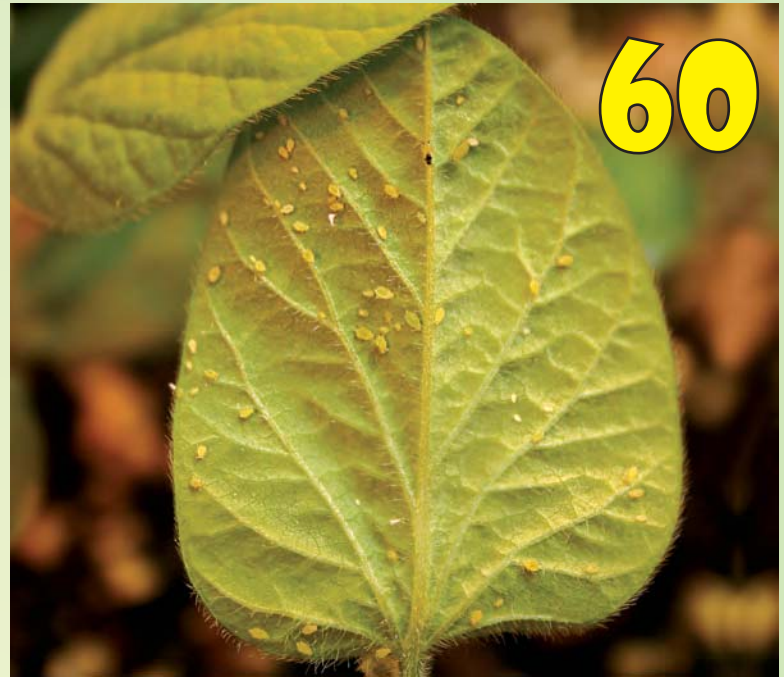
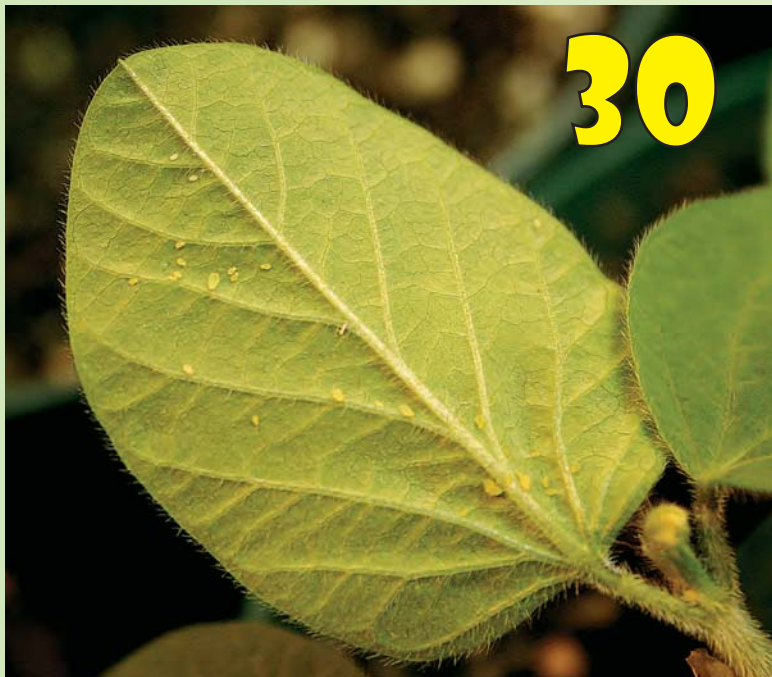


Soybean aphids in various sizes, colors, and stages of development.

(Do not count the cast skins.)

OPEN FOR A VISUAL GUIDE TO COUNTING APHIDS...

A VISUAL GUIDE TO NUMBER OF SOYBEAN APHIDS PER LEAFLET



Soybean aphid count will vary from leaflet to leaflet. Add up the total number of aphids on the entire plant, not on a single leaflet. To calculate a field average, count the number of aphids on **20-30 PLANTS PER FIELD**.

WOULD IT PAY TO SPRAY FOR SOYBEAN APHIDS?

Sound management requires accurate field scouting and soybean aphid economic threshold information. The following guidelines should help determine if a treatment will be profitable.

- **Do not treat below 250 aphids/plant.** University research shows no detectable yield increase to early treatment. Greatest economic return results from treating at the Economic Threshold.
- **Use Economic Threshold of 250 aphids/plant from R1 (beginning bloom) through R5 (beginning seed) soybean growth stages.**
- **Economic benefit from insecticide application is unlikely at soybean emergence to mid-vegetative stages; or full seed (R6) to maturity (R8).**

For more information, visit UW Soybean Plant Health at www.plantpath.wisc.edu/soyhealth/aglycine.htm



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