Would it pay to spray for soybean aphids?

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**.

Begin field scouting in late June, making one or two visits/field/week. Continue scouting until aphid populations decline, usually mid to late August.

Open for a visual guide to counting aphids...

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

Would it pay to spray for soybean aphids?

The following guidelines, based on crop growth stage, should help determine if a treatment will be profitable.

**Sound management requires accurate field scouting and soybean aphid economic threshold information.**

**Full seed (RS) to Mature (R8):** Economic benefit from insecticide application is very unlikely.

- Increasing populations greater than 250 aphids/plant may require treatment.

**Beginning seed (R5):** Thresholds at this crop stage has not been established. However, actively increasing populations are **ACTIVELY INCREASING**.

**Late vegetative to R4 (3/4-inch pod):** Treat when the field average is **250 APHIDS/PLANT** and populations are **ACTIVELY INCREASING**.

**Emergence to mid-vegetative stage:** Economic benefit from insecticide application is unlikely.
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/field.
Would it Pay to Spray for Soybean Aphids?

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

- **Emergence to mid-vegetative stages:** Economic benefit from insecticide application is unlikely.
- **Late-vegetative to R4 (3/4-inch pod):** Treat when the field average is 250 **APHIDS/PLANT** and populations are **ACTIVELY INCREASING**.
- **Beginning seed (R5):** Thresholds at this crop stage has not been established. However, actively increasing populations greater than 250 aphids/plant may require treatment.
- **Full Seed (R6) to Maturity (R8):** Economic benefit from insecticide application is very unlikely.

**A Minimum of Two Field Visits Are Required to Determine if Aphid Populations Are Increasing.**

**Treat when field average is 250 Aphids/Plant and populations are actively increasing.**

Begin field scouting in late June, making one or two 20-30 PLANTS/FIELD. Count the number of aphids on 20-30 PLANTS/FIELD. Continue scouting until aphid populations decline, usually mid to late August. Count the number of aphids on 20-30 PLANTS/FIELD. Continue scouting until aphid populations decrease. Count the number of aphids on 20-30 PLANTS/FIELD. Continue scouting until aphid populations decline, usually mid to late August.

A Visual Guide to Counting Aphids...

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...do not count the cast skins.

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