Soybean aphid densities vary from leaflet to leaflet. To estimate aphids per plant, count the number of aphids per leaflet and then add them all up.
A Visual Guide to Counting Soybean Aphids

100 Aphids

250 Aphids

NCSRP North Central Soybean Research Program
Walking Patterns for sampling soybean aphids

- Sample 30-40 plants for every 50 acres of soybean
- Begin scouting in June and continue with weekly sampling until aphid numbers decline, often in late August

NCSRP North Central Soybean Research Program
When do I Spray?

- Sample fields every 7-10 days
- Treat when soybean aphids average 250 per plant AND aphid numbers are increasing
- Treating after seed fill may not result in higher yield
- Continue sampling even after insecticide application to reduce aphid flare-ups

For more information on soybean aphid management, scan this QR code or visit this website: soybeanresearchinfo.com