

Ridgeback®

Isoclast™ active

INSECTICIDE

Novel & trusted control of yield-robbing insects in soybeans



Soybean attributes:

- Preharvest interval:** 18 days
- Min. treatment interval:** 30 days
- Max annual total use rate:** 41.3 fl oz/A
- Max annual applications:** 4
- Max consecutive applications:** 2

Ridgeback® insecticide combines the novel active ingredient, Isoclast® active, with the trusted power of bifenthrin for broad-spectrum soybean pest control when quick knockdown matters most. Growers will be able to target many pests using Ridgeback including soybean aphids, Japanese beetles, spider mites and other pests with two modes of entry – contact and ingestion. This makes Ridgeback a valuable long-term resistance management tool, helping soybean growers maximize productivity and profitability.

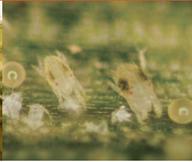
Minimum spray volumes:

- Ground:** 5-10 gallons per acre (GPA)
- Air:** 3 GPA

Other use recommendations/restrictions:

- If pyrethroid resistant soybean aphids are known to be present, apply 10.3 fl oz/A.
- For fields with pyrethroid-susceptible soybean aphids plus other secondary pests of soybean (e.g., Japanese beetle, bean leaf beetle, lepidopteran larvae) the suggested use rate is 8.6 fl oz /A.
- Use a higher rate in the rate range for heavy pest populations.

Soybean recommended rates:

| Bean leaf beetle | Japanese beetle (adults) | Soybean aphid | Soybean aphid* + other pests | Twospotted spider mite |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |  |
| 8.6 – 10.3 fl oz/A | 8.6 – 10.3 fl oz/A | 8.6 – 10.3 fl oz/A | 10.3 fl oz/A | 11 – 13.8 fl oz/A |

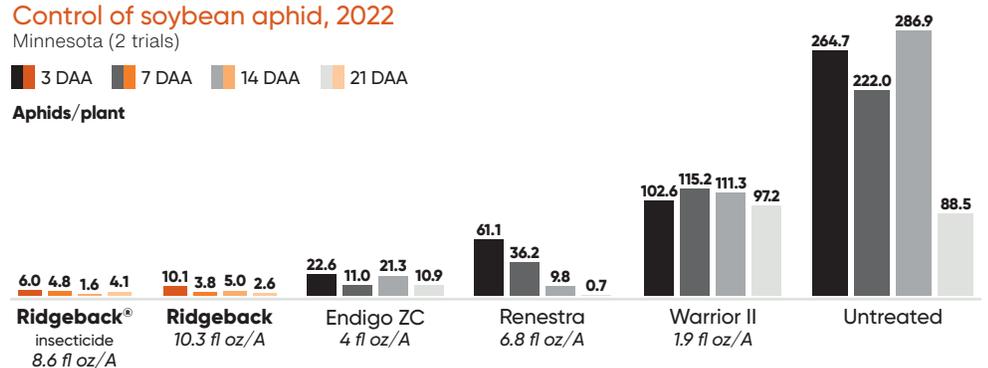
See label for full list of pests controlled.

Control of soybean aphid, 2022

Minnesota (2 trials)

■ 3 DAA ■ 7 DAA ■ 14 DAA ■ 21 DAA

Aphids/plant

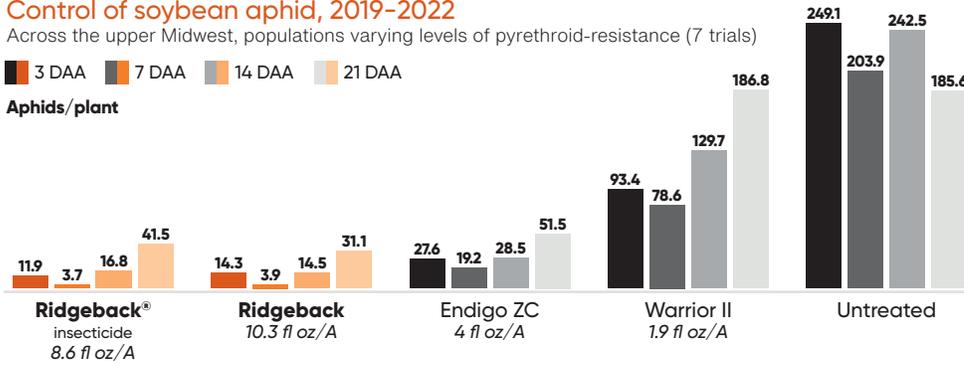


Control of soybean aphid, 2019-2022

Across the upper Midwest, populations varying levels of pyrethroid-resistance (7 trials)

3 DAA 7 DAA 14 DAA 21 DAA

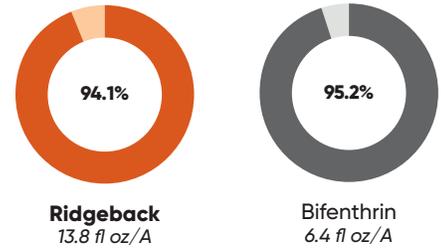
Aphids/plant



Control of twospotted spider mite

Oklahoma State University, 2019

Control 7 DAA

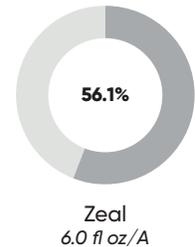
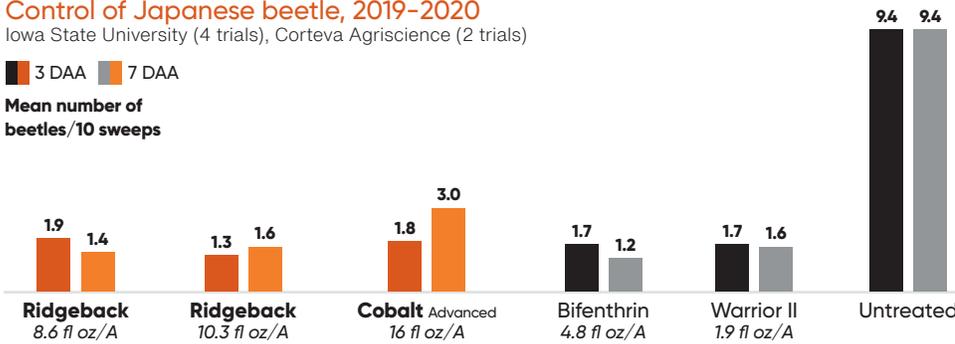


Control of Japanese beetle, 2019-2020

Iowa State University (4 trials), Corteva Agriscience (2 trials)

3 DAA 7 DAA

Mean number of beetles/10 sweeps

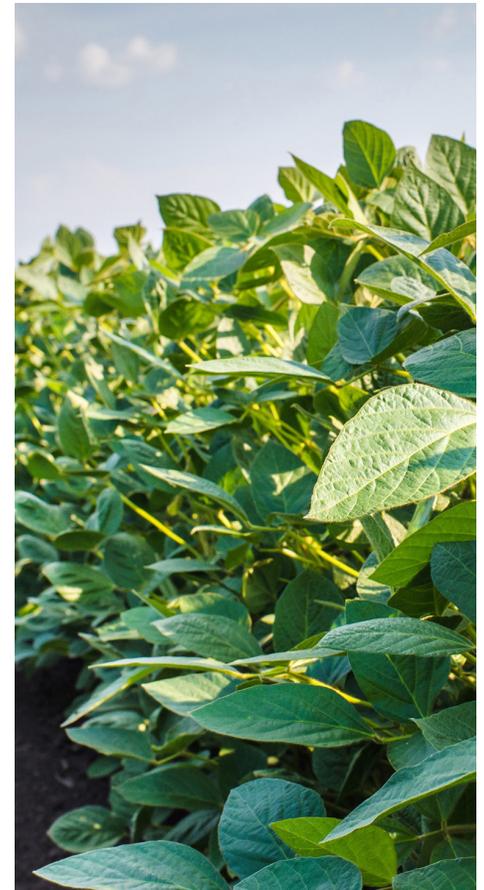
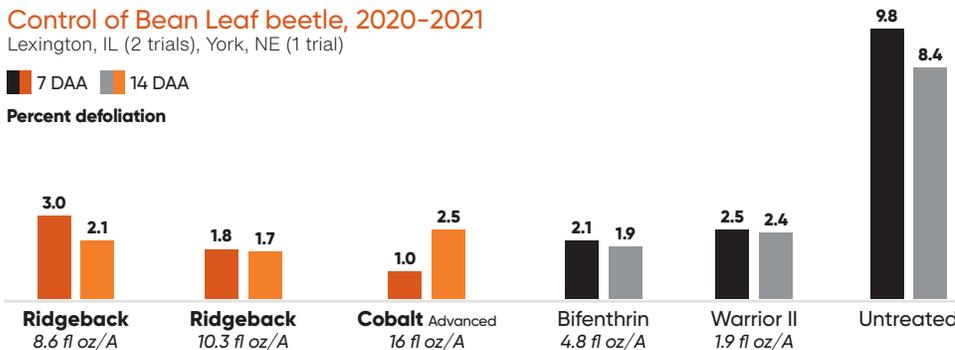


Control of Bean Leaf beetle, 2020-2021

Lexington, IL (2 trials), York, NE (1 trial)

7 DAA 14 DAA

Percent defoliation



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Cobalt Advanced is a Restricted Use Pesticide.

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