

Beleaf® 50SG Insecticide



Control insect pests that vector costly diseases with Beleaf® 50SG insecticide.

To stop aphid and psyllid damage fast, Beleaf® 50SG insecticide stops insect feeding within 30 minutes of application. It works by affecting the potassium channels in the pest's nervous system, permanently and irreversibly putting a stop to feeding. Unlike products that only prevent feeding, Beleaf 50SG insecticide is the only product on the market that prevents aphids and lygus from piercing the plant's cells and transmitting diseases.

Controlling these pests can halt the spread of potato virus Y and zebra chip disease, which can cause substantial internal damage to potato crops and, eventually, substantial economic losses.



POTATOES

QUICK FACTS:

- Insects stop feeding within 30 minutes to one hour of ingestion.
- Studies have demonstrated that Beleaf 50SG insecticide helps reduce disease transmission and provide a consistent window of protection.
- Unique mode of action serves as an excellent resistance management tool. No cross-resistance to other insecticides.
- Protects both sides of the leaf from disease-transmitting insects due to its translaminar activity.
- Provides one to three weeks of residual activity depending upon plant growth stage and rate used.
- With the correct dosage, timing and method of application, Beleaf 50SG insecticide has minimal impact on beneficial predators in your potato fields.
- Seven-day PHI with no phytotoxicity to potato crops.

Target Pests:

Potato aphid, green peach aphid
Potato psyllid and other key psyllids
Plant bugs including tarnished and Western plant bugs
Greenhouse whiteflies

Product Information:

Active Ingredient: flonicamid, Group 29

Chemistry Class: Pyridinecarboxamide

Formulation: 50% SG (soluble granule)

Signal Word: CAUTION

Precautions/Restrictions:

Use highest rates for longer residual, heavy pest pressure and dense canopies. 2.4 oz. will provide a 14-day residual while 2.8 oz. will provide a 21-day residual:

- Do not apply more than three applications at 2.8 oz./A per year.
- Do not apply more than a total of 8.4 oz./A per year.
- Allow a minimum seven days between applications.
- Use a minimum of 10 GPA by ground and 3 GPA by air.
- PHI: Seven days.
- REI: 12 hours.

Crop	Pests	Recommended Rate (fl. oz./A)	Lbs. Active Ingredient/A	Application Directions
Potatoes	Aphids, lygus plant bug spp. and potato psyllid	2.0 - 2.8	0.062 - 0.089	<ul style="list-style-type: none">• Begin applications before populations begin to build and before damage is evident according to local pest management guidelines.• Use lower rate for building populations.• Use higher rate for greater populations and/or dense foliage.• Rapidly growing plants may need retreatment.
	Greenhouse Whiteflies	2.8	0.089	<ul style="list-style-type: none">• Apply when adult whiteflies first appear.• Do not allow population to increase unchecked before making first application.• Application provides suppression only.• For control, apply in combination with other effective products labeled for use on potatoes.

To learn more about Beleaf 50SG insecticide, contact your FMC retailer or visit FMCcrop.com.

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