Sefina®

Inscalis® Insecticide

Strong on Pests. Gentle on Pollinators and Beneficial Insects.

Benefits of Sefina® Insecticide in Alfalfa

Rapid Onset Activity

- Feeding cessation in minutes
- Starvation and dehydration of insects may take several days depending on environmental conditions
- Protects yield potential and prevents quality issues
- Strong residual activity

Compatible with Pollinators

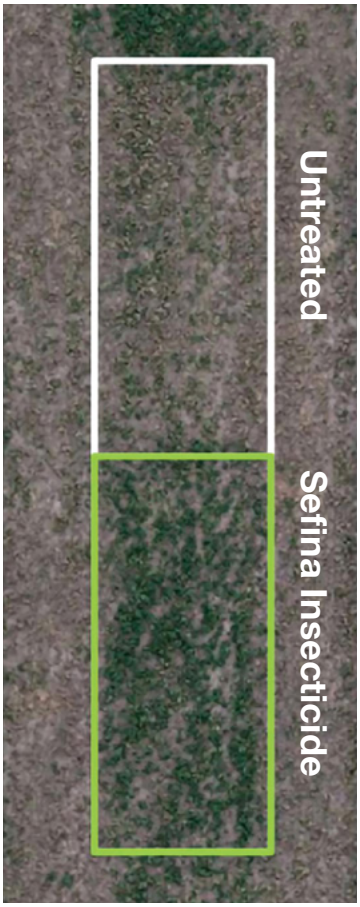
- No pollinator restrictions
- Flexible application timing window
- Follow Bee Safe protocols **LEARN MORE ▸**

Compatible with Beneficials

- Gentle on beneficials for true Integrated Pest Management
- Favorable environmental profile

Unique Mode of Action

- Only IRAC 9D insecticide for resistance management
- No known cross resistance to other insecticides



BASF Demo Plot, 2019. Dexter, NM. Primary: blue aphids. Application made on February 4, 2019 (Picture taken March 8, 2019).

Sefina insecticide delivers high efficacy with residual control of adult and immature stage aphids and leafhoppers.

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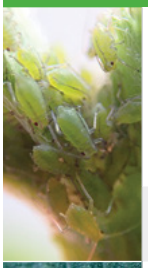
Technical Information Bulletin

Targeted Pests and Use Rates

	Pest	Use Rate per Application
	**Aphids** (including): – Pea aphid *(Acyrthosiphon pisum)* – Spotted alfalfa aphid *(Therioaphis trifolii)*	3.0-6.0 fl oz/A
	– Blue alfalfa aphid *(Acyrthosiphon kondoi)*	5.0-6.0 fl oz/A
	**Leafhopper** (including): – Potato leafhopper *(Empoasca fabae)*	6.0-10.0 fl oz/A
	**Suppression of:** – Silverleaf whitefly *(Bemisia tabaci)*	10.0 fl oz/A
	**Suppression of:** – Western tarnished plant bug *(Lygus hesperus)*	10.0 fl oz/A

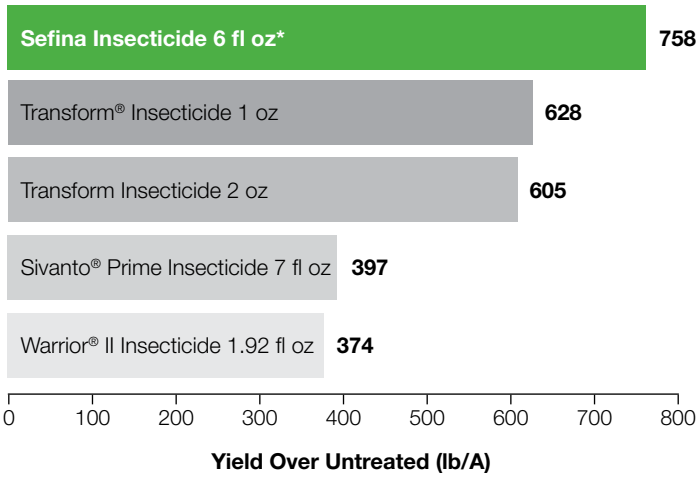
Aphid – Blue alfalfa aphid pictured. Photo credit: Kevin R. Caffrey, PhD, BASF Tech Service: Southern San Joaquin Valley, CA.
Leafhopper – Photo credit: Jack Kelly Clark, University of California.
Silverleaf Whitefly – Photo credit: Kevin R. Caffrey, PhD, BASF Tech Service: Southern San Joaquin Valley, CA.
Western Tarnished Plant Bug – Photo credit: Ian Grettenberger, University of California.

Sefina® Insecticide Has a Favorable Environmental Profile

Application Recommendations

- REI: 12 hours
- Rainfast: 1 hour
- PHI: 0 days
- Seasonal Max: 16 fl oz/A/yr
- Recommended Spray Volumes/Acre:
  - Aerial: 5 GPA
  - Ground: 15 GPA
  - Chemigation: Less than or equal to 0.2"
- Optimal application timing is when alfalfa height is around 6" and at the first indication of growing aphid populations
- To assist in optimum coverage and translaminar movement the use of a complementary spreading adjuvant is recommended

Sefina Insecticide Outperforms the Competition



*In 2019 the Sefina insecticide application use rate was 5.5 fl oz/A.

Michael Rethwisch, University of California Cooperative Extension Farm Advisor. Spring alfalfa (Primary: blue alfalfa aphids). Riverside County CA, all trials near Blythe, CA. Multiple years: 2019-2022. For trials conducted in 2022, insecticide treatments were applied at the recommended timing window, when the alfalfa crop height was approximately 6 inches. Sefina insecticide 6 fl oz/A (n=6), Transform insecticide 1 oz/A (n=4), Transform insecticide 2 oz/A (n=4), Sivanto Prime insecticide 7 fl oz/A (n=3) and Warrior II insecticide 1.92 fl oz/A (n=3).

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