

INSECTICIDE



*MAKES SENSE.*

# Silencer<sup>®</sup>

## INSECTICIDE

Contains the  
same active  
as Warrior<sup>®</sup>  
or Karate<sup>®</sup>

### Key Pests controlled:

- Armyworms
- Cutworms
- Loopers
- Beetles
- Aphids

## Corn & Soybeans

**PREMIER PYRETHROID:** Silencer's highly advanced generation chemistry provides immediate knockdown and effective control.

**BROAD SPECTRUM:** Controls a wide spectrum of yield-robbing pests in corn and soybeans.

**DUAL ACTION:** Offers both contact and ingestion activity for more efficacious performance.

**MULTIPLE CROP FLEXIBILITY:** Excellent midseason broad spectrum insect control in corn and soybeans. Silencer also provides effective banded or in-furrow control of early season corn pests.

**ECONOMICAL:** Maximize your investment with cost-effective, long lasting crop protection from one of the most advanced pyrethroids on the market.

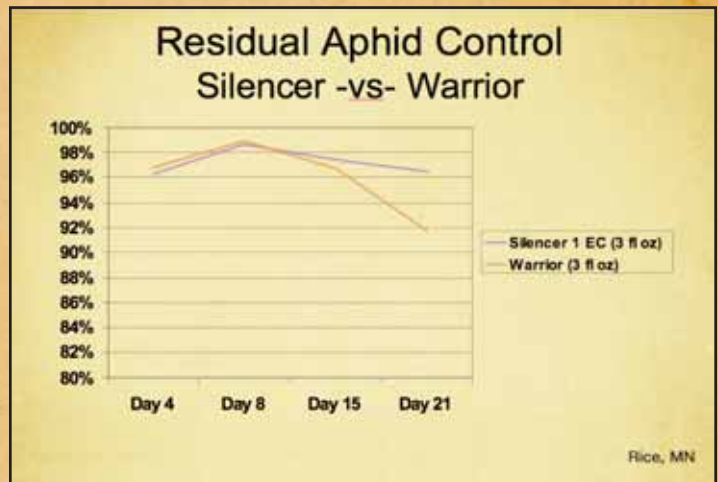
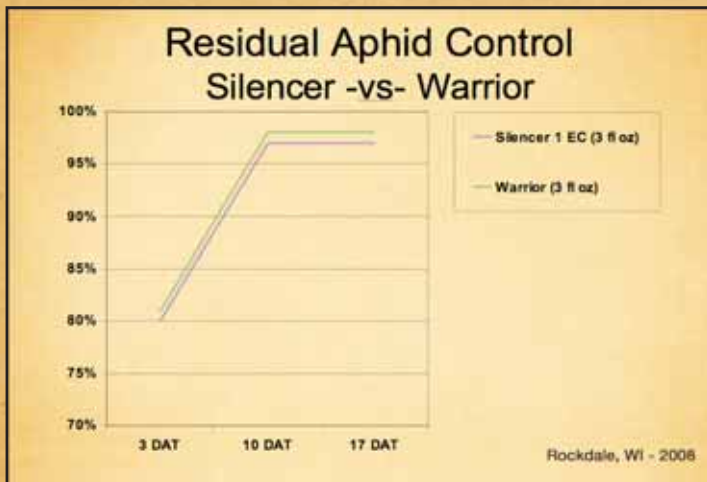
**RESISTANCE STEWARDSHIP:** An excellent foundation for an insecticide spray program that can include tank mix partners or rotation partners.

**CONFIDENCE:** Consistent, profitable results with a trusted brand and trusted company.



CROP	TARGET PESTS	RATE		REMARKS
		lb. a.i./A	fl. Oz./A	
SOYBEAN	Bean Leaf Beetle, Cabbage Looper, Corn Earworm, Cutworm spp., Green Cloverworm, Mexican Bean Beetle, Mexican Corn Rootworm Beetle (Adult) Northern Corn Rootworm Beetle (Adult), Painted Lady (Thistle) Caterpillar, Potato Leafhopper, Saltmarsh Caterpillar, Southern Corn Rootworm Beetle (Adult), Soybean Aphid <sup>4</sup> , Three-Cornered Alfalfa Hopper, Thrips spp. <sup>5</sup> Velvetbean Caterpillar, Western Corn Rootworm Beetle (Adult), Woollybear Caterpillar	0.015-0.025	1.92-3.20	<b>Ground application:</b> Apply in a minimum of 10 gals. per acre or sufficient spray volume to obtain full coverage of the foliage or target area. <b>Air application:</b> Apply in a minimum of 2 gals. per acre or sufficient spray volume to obtain full coverage of the foliage or target area. Make applications when pests appear and repeat applications as necessary, usually at intervals of 5 or more days. Apply in sufficient volume to ensure sufficient coverage of foliage. Adult corn rootworm beetles (Diabrotica species): Use a minimum of 2.56 fl. oz. per acre (0.02 lb. a.i. per acre) as part of an aerial-applied corn rootworm control program. <sup>1</sup> Use higher rates for large larvae. <sup>2</sup> Suppression only. <sup>3</sup> See resistance statement under GENERAL INFORMATION. <sup>4</sup> Use lower rates for early season applications and/or lighter populations. <sup>5</sup> Does not include Western Flower Thrips.
	Armyworm <sup>1</sup> , Blister Beetle spp., European Corn Borer, Fall Armyworm <sup>1</sup> , Grasshopper spp., Japanese Beetle (Adult), Plant Bug spp., Silverspotted Skipper, Stink Bug spp., Tobacco Budworm <sup>3</sup> , Webworm spp., Yellow-striped Armyworm <sup>1</sup>	0.025-0.03	3.20-3.84	
	Beet Armyworm <sup>2,3</sup> , Lesser Cornstalk Borer <sup>2</sup> , Soybean Looper <sup>2,3</sup> , Spider Mite spp. <sup>2</sup>	0.03	3.84	
<ul style="list-style-type: none"> <li>Do not apply within 30 days of harvest.</li> <li>Do not apply more than 0.06 lb. a.i. (0.48 pt.) per acre per season.</li> <li>Do not graze or harvest treated soybean forage, straw, or hay for livestock feed.</li> </ul>				

CORN  Field Corn Popcorn Seed Corn Sweet Corn	Corn Rootworm Larvae (Western, Northern, Southern, Mexican), Cutworm spp., Seedcorn Maggot, Seedcorn Beetle, Lesser Cornstalk Borer, White Grub spp., Wireworm spp., Red Imported Fire Ant <sup>1</sup>	0.005 lb. a.i. per 1000 ft. of row <sup>2</sup>	0.66 fl. oz. per 1000 ft. of row <sup>2</sup>	REMARKS		
				<b>Banded Applications:</b> Apply at planting as a 5-7 inch T-band sprayed across the open seed furrow between the furrow openers and the press wheels or as a band application behind the press wheel. <b>In-Furrow Applications:</b> Apply into the seed furrow through spray nozzles or microtubes behind the planter furrow openers and in front of the press wheel. Apply a minimum of 3 gals. of finished spray/A. <sup>1</sup> Suppression only.		
<b>2lbs. ai and fl. oz./A of Silencer applied at 0.66 fl. oz./1000 ft. of row for various row spacings:</b>						
<b>Row Spacing</b>	<b>40"</b>	<b>38"</b>	<b>36"</b>	<b>34"</b>	<b>32"</b>	<b>30"</b>
Linear Ft. per acre	13,068	13,756	14,520	15,374	16,335	17,424
Lbs. a.i. per acre	0.067	0.07	0.075	0.079	0.084	0.09
Fl. oz. per acre	8.6	9.1	9.6	10.1	10.8	11.5
<ul style="list-style-type: none"> <li>Do not harvest or graze livestock or cut treated crops for feed within 21 days of at-plant application.</li> <li>Do not apply more than 0.09 lb. a.i. (0.72 pt.) per acre per crop at-plant.</li> <li>Do not apply more than 0.12 lb. a.i. per acre per crop from at-plant and foliar applications for field corn, popcorn, and seed corn. For sweet corn, do not apply more than 0.48 lb. a.i. per acre per crop from at-plant and foliar applications.</li> </ul>						



### QUALITY PRODUCTS. COMPETITIVE PRICES.

MANA makes sense for growers, for channel partners, for agriculture. MANA offers the most comprehensive and diversified portfolio in the crop protection industry with over 50 formulations of insecticides, fungicides, herbicides, PGRs and harvest aids from more than 40 active ingredients. These proven products are efficiently manufactured to the highest standards and value priced to optimize the farm's profitability potential. As the North American arm of the world's seventh largest agrochemical company, MANA provides best-in-class formulations, regulatory capabilities, field research, and a science-based approach to defend and maintain vital active ingredients that other companies have abandoned. Our area business management team throughout the U.S. supports the distributors, retailers, crop consultants and agronomists who are part of the supply chain that farmers and farm managers rely on for localized expertise.

**MANA**  
Crop Protection  
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