

# Supplemental Label



Valent U.S.A. Corporation  
P.O. Box 8025  
Walnut Creek, CA 94596-8025

**Esteem<sup>®</sup> 0.86 EC Insect Growth Regulator**  
**EPA Reg. No. 59639-95**

***ESTEEM* 0.86 EC USE ON: STRAWBERRY**  
**(For Use in California Only)**

## **DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.**

## **GENERAL INFORMATION**

- **Do not apply this product through any type of irrigation system.**

*Esteem* 0.86 EC Insect Growth Regulator acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. *Esteem* 0.86 EC has no activity on adult insects, but hatching of eggs laid by treated adults will be suppressed. Since *Esteem* 0.86 EC is an insect growth regulator (IGR) and activity depends on the insects' development, evidence of activity will be slower than typical contact insecticides.

*Esteem* 0.86 EC exhibits translaminar movement which means that *Esteem* 0.86 EC applied to the upper surfaces of the leaves will move to the lower surface of the leaf. This translaminar movement is very important to chemical control of whitefly since one of the major obstacles is getting the product to the underside of the leaves where whitefly are present.

CROP	PESTS	PRODUCT RATE PER ACRE	SPECIAL INSTRUCTIONS
Strawberry	Banded Wing Whitefly Greenhouse Whitefly Silverleaf Whitefly Sweetpotato Whitefly	10 fl. oz.	Apply with ground equipment as a full coverage spray (100 to 400 gals./A). Thorough coverage is critical for adequate control. It is essential to use adequate water volume to ensure thorough coverage.  Begin applications when whiteflies reach threshold levels per University/Extension recommendations (e.g. 3 to 5 adults per leaf and/or equivalent levels of immatures).  Under severe pressure, use the higher recommended rates.  Only whole fields should be treated.
	<ul style="list-style-type: none"><li>Do not apply within 2 days of harvest.</li><li>Do not make more than two (2) <i>Esteem</i> 0.86 EC applications per growing season.</li><li>Do not exceed 20 fl. oz. <i>Esteem</i> 0.86 EC per acre per season.</li><li>Do not apply earlier than 30 days after last <i>Esteem</i> 0.86 EC treatment.</li><li>Do not plant any crop other than those with registered pyriproxyfen uses in treated areas sooner than 30 days after the last application.</li><li>Regardless of formulation, do not apply more than 0.134 lb. of pyriproxyfen per acre per season.</li></ul>		

**MANAGING WHITEFLY RESISTANCE:** Repeated use of the same class of insecticides with similar modes of action can lead to the buildup of resistant whitefly strains. To optimize resistance management practices, Valent U.S.A. Corporation is restricting *Esteem* 0.86 EC Insect Growth Regulator to two applications per growing season. *Esteem* 0.86 EC may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Follow local, state and federal Integrated Pest Management (IPM) and Integrated Resistance Management (IRM) recommendations. Read and follow all product labels before applying any insecticide.

**THIS LABELING MUST BE IN THE POSSESSION OF THE USER AT THE TIME OF APPLICATION. PLEASE REFER TO CONTAINER LABEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS. FOLLOW ALL APPLICATION DIRECTIONS, RESTRICTIONS, AND PRECAUTIONS ON THE EPA REGISTERED LABEL.**

**PLEASE CONTACT VALENT U.S.A. CORPORATION AT 800-6-VALENT (682-5368) TO DETERMINE IF THIS USE IS REGISTERED IN YOUR STATE.**

Manufactured for  
Valent U.S.A. Corporation  
P. O. Box 8025  
Walnut Creek, CA 94596-8025  
Made in U.S.A.



*Products That Work, From People Who Care™* | [www.valent.com](http://www.valent.com) | 800-6-VALENT (682-5368)  
**Read and follow the label instructions before using.**

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