

# Supplemental Label



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

**GROUP 7D INSECTICIDE**

## **DISTANCE<sup>®</sup> Insect Growth Regulator EPA Reg. No. 59639-96 (Except California and New York)**

***DISTANCE* INSECT GROWTH REGULATOR USE ON: INDOOR GROWN FRUITING VEGETABLES**

### **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.**

### **RESISTANCE MANAGEMENT RECOMMENDATIONS**

For resistance management purposes, *Distance* Insect Growth Regulator is a Group 7D insecticide. Any insect population may contain individuals naturally resistant to *Distance* and other Group 7D insecticides. The resistant individuals dominate the insect population if these insecticides are used repeatedly. These resistant insects may not be controlled by *Distance* Insect Growth Regulator or other Group 7D insecticides, although local experts should be consulted for local resistance recommendations. The classification scheme is based on mode of action. It is recognized that resistance of insects and mites to insecticides and acaricides can also result from enhanced metabolism, reduced penetration or behavioral changes that are not linked to any site of action classification but are specific for individual chemicals or chemical groupings. Despite this, alternation of compounds from different chemical classes remains a viable management technique.

To delay insecticide resistance

- Avoid exclusive repeated use of insecticides from the same chemical subgroup.
- Integrate other control methods (chemical, cultural, biological) into insect control programs.

For further information contact your local Pest Control Advisor (PCA).

**Table 1. Directions for Use on Indoor Grown Fruiting Vegetables.**

PESTS	RATES	APPLICATION METHOD	SPECIAL INSTRUCTIONS																					
Aphids (suppression) Greenhouse Whitefly Silverleaf Whitefly Sweetpotato Whitefly	6 fl. oz./100 gals.	<b>Foliar Spray</b> 100 gals. of spray mix will treat 20,000 sq. ft. of area.	Apply the spray mixture uniformly to all plant surfaces and to the point of runoff.  Make first application when adult insects begin to appear. If necessary, make a second application from 14 to 28 days after the first application. If an additional application is needed fewer than 14 days after the first treatment, use an IGR with another mode of action or another chemical class of insecticide. Use lower rate and longer interval for newly established infestations and when plants are not rapidly flushing new growth. Use higher rates and shorter interval for established infestations and/or when plants are rapidly flushing new growth. Apply no more than two times per cropping cycle or no more than two times per six months. If rapid control of adult insects is required, apply a labeled adulticide.																					
Fungus Gnats Shore Flies	3 to 6 fl. oz./100 gals.	<b>Sprenc</b> 100 gals. of spray mix will treat 5,000 sq. ft. of area.	For the control of fungus gnats and shore flies apply to potting media as a heavy, coarse spray (sprenc) through conventional equipment to all insect infested surfaces or where insects may breed. Complete coverage of infested areas is essential for control. For optimal control, treat breeding areas under benches at the same time that the crop is treated. The soil surface should be moist at the time of application.  <b>Broadcast Application to Soil Surface:</b> For bed, bench and container grown plants, apply <i>Distance</i> as a coarse spray or sprenc to the soil surface. Mix 3 to 6 fl. oz. of <i>Distance</i> in 100 gals. of water and apply to the soil surface at a volume of 2 to 3 gals. of final spray solution per 100 sq. ft. of area. If a second application of <i>Distance</i> is needed, allow a minimum of 21 days between applications. Apply no more than two times per cropping cycle or no more than two times per six months.																					
Fungus Gnats Shore Flies	2 fl. oz./100 gals.	<b>Drench</b> Saturate only the top 1" to 1.5" of soil.	For the control of fungus gnats and shore flies apply to potting media as a drench application through conventional equipment. For optimal control, apply additional amounts of spray solution to breeding areas under benches at the same time that the crop is treated. The soil surface should be moist at the time of application.  <b>Drench Application to Soil Surface of Individual Containers:</b> Mix 2 fl. oz. of <i>Distance</i> in 100 gals. of water and evenly apply to surface of potting media to ensure uniform treatment. Apply 3 fl. oz. of finished solution per 6 inch pot. Adjust volume accordingly for smaller or larger pots (see drench mixing chart below). <b>Do not saturate potting media with drench solution</b> , only the top 1" to 1.5" of soil needs to be drenched in order to achieve effective control. Do not drench plants more than one time per crop cycle.																					
			<table border="1"> <thead> <tr> <th data-bbox="704 1604 993 1667">Pot Diameter (inches)</th> <th data-bbox="993 1604 1209 1667">Drench Volume (fl. oz./pot)</th> <th data-bbox="1209 1604 1455 1667">Rate/100 Gals. (fl. oz.)</th> </tr> </thead> <tbody> <tr> <td data-bbox="704 1667 993 1696">4</td> <td data-bbox="993 1667 1209 1696">1</td> <td data-bbox="1209 1667 1455 1696">2</td> </tr> <tr> <td data-bbox="704 1696 993 1726">5</td> <td data-bbox="993 1696 1209 1726">2</td> <td data-bbox="1209 1696 1455 1726">2</td> </tr> <tr> <td data-bbox="704 1726 993 1755">6</td> <td data-bbox="993 1726 1209 1755">3</td> <td data-bbox="1209 1726 1455 1755">2</td> </tr> <tr> <td data-bbox="704 1755 993 1785">8</td> <td data-bbox="993 1755 1209 1785">5</td> <td data-bbox="1209 1755 1455 1785">2</td> </tr> <tr> <td data-bbox="704 1785 993 1814">10</td> <td data-bbox="993 1785 1209 1814">7</td> <td data-bbox="1209 1785 1455 1814">2</td> </tr> <tr> <td data-bbox="704 1814 993 1843">12</td> <td data-bbox="993 1814 1209 1843">10</td> <td data-bbox="1209 1814 1455 1843">2</td> </tr> </tbody> </table>	Pot Diameter (inches)	Drench Volume (fl. oz./pot)	Rate/100 Gals. (fl. oz.)	4	1	2	5	2	2	6	3	2	8	5	2	10	7	2	12	10	2
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**NOTE:** Since fruiting vegetable varieties are numerous, constantly changing and may react differently to DISTANCE and tank mixtures including *Distance*, test the product(s) on a small scale before making large-scale applications.

Do not apply to tomato varieties less than 1 inch in diameter.

Do not apply to non-bell peppers.

Do not apply within one (1) day of harvest.

Do not make more than two (2) *Distance* applications per season.

Do not exceed 12 fl. oz. *Distance* per acre per season.

Regardless of formulation, do not apply more than 0.176 lb. ai of pyriproxyfen per acre per season.

**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 1-800-6-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) | 800-89-VALENT (898-2536)

**Read and follow the label instructions before using.**

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