

Supplemental Label



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

GROUP	7D	INSECTICIDE
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ESTEEM[®] ANT BAIT **(Insect Growth Regulator)**

EPA Reg. No. 59639-114

ESTEEM ANT BAIT INSECT GROWTH REGULATOR USES ON: GRAPE, LEGUME VEGETABLES (EXCEPT SOYBEANS), ONION (DRY BULB ONLY), PASTURE GRASS, RANGELAND, STRAWBERRY, UGLI FRUIT AND WHITE SAPOTE

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.

MODE OF ACTION: *Esteem* Ant Bait is an Insect Growth Regulator similar to naturally occurring insect growth hormones which interfere with (stops) their growth or development. *Esteem* Ant Bait breaks the reproductive life cycle of ants, causing starvation of the colony. Ant workers pick up the bait granules and take them back to the colony. Workers feed the bait to both the queen and immature ants thereby preventing worker replacement. Due to degeneration of reproductive organs, the ant queen cannot replace workers. The lack of worker replacement results in colony death as the existing worker ants age and die. Within 3 to 4 weeks there is substantial colony mortality and within eight weeks the majority of the colony population has been eliminated.

RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management purposes, *Esteem* Ant Bait is a group 7D insecticide. Any insect population may contain individuals naturally resistant to *Esteem* Ant Bait and other 7D insecticides. The resistant individuals dominate the insect population if these insecticides are used repeatedly. These resistant insects may not be controlled by *Esteem* Ant Bait or other 7D group 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 distributor.

CROPS	PESTS	PRODUCT RATES PER ACRE	SPECIAL INSTRUCTIONS
Grape Legume Vegetables (Except Soybean) Onion (Dry Bulb Only) Pasture Grass Rangeland Strawberry Ugli Fruit White Sapote	Ants Big-Headed Ant Pavement Ant Red Imported Fire Ant Southern (California) Fire Ant	1.5 to 2.0 lbs.	<p>Broadcast or Aerial Application: Apply uniformly with ground or aerial equipment calibrated to give the correct dosage. Repeat after 12 to 16 weeks if needed.</p> <p>WHEN TO APPLY <i>Esteem</i> Ant Bait should be applied in the early Spring or Summer at the first sign of fire ant activity. Applications may be made any time of the day but are more effective when ants are actively foraging, usually when the soil temperature is above 60° F. Avoid application if rain is expected within 4 to 6 hours. Do not water treated area for 24 hours after application. In the event of prolonged rains after initial treatment, reapplication may be necessary.</p> <p>A second application of <i>Esteem</i> Ant Bait may be advisable after 12 to 16 weeks in areas of heavy infestations, or when the mounds remain active, or when a reinfestation occurs. In large mounds, some worker fire ants may persist for a while after the queen is dead. For 7 to 10 days after treatment, do not apply any other fire ant pesticide. This is to allow sufficient time for the worker ants to seek out the bait and take it back to the mound. After 14 days, it may be desirable to apply a registered fire ant pesticide to kill remaining foraging ants.</p> <p>Individual Mound Treatment: Apply 2 to 4 level Tbsps. of <i>Esteem</i> Ant Bait per mound, uniformly distributing material 3 to 4 ft. around the mound. Do not disturb the mound. Do not apply to top of mounds. Repeat after 12 to 16 weeks if needed.</p>
<ul style="list-style-type: none"> Do not apply within 24 hours of harvest. For Pasture Grass and Rangeland: Do not plant any crop other than those with registered pyriproxyfen uses in treated areas sooner than 30 days after the last application. Regardless of formulation, the maximum amount of pyriproxyfen that may be applied per acre per season is as follows: <ul style="list-style-type: none"> For Ugli Fruit, do not exceed 0.134 lb. pyriproxyfen per acre per season. For White Sapote, do not exceed 0.134 lb. pyriproxyfen per acre per season. For Grapes, do not exceed 0.22 lb. pyriproxyfen per acre per season. For Legume Vegetables (except Soybean), do not exceed 0.134 lb. pyriproxyfen per acre per season. For Onions (Dry Bulb Only), do not exceed 0.11 lb. pyriproxyfen per acre per season. For Strawberry, do not exceed 0.134 lb. 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 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
www.valent.com

Made in U.S.A.



Products That Work, From People Who Care™ | www.valent.com | 800-6-VALENT (682-5368)

Read and follow the label instructions before using.

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