

PEST OUT® ULTRA

Broad-Spectrum Botanical Insecticide

PEST OUT® ULTRA delivers broad-spectrum insect control through direct contact. Our patented formula combines physical, chemical, and behavioral modes of action, protecting crops throughout the growing season.

Applied as directed, **PEST OUT® ULTRA** works both preventively and curatively, helping shield your crops from pests. Natural ingredients, including cinnamon oil, cottonseed oil, and clove oil, can enable effective pest control.

PEST OUT® ULTRA can control and suppress lygus, psyllids, and mealybugs. Its durable protection aids pest management while promoting safety and environmental sustainability.



Product Profile

Form: Liquid

Function: Insecticide for pest control and suppression

Compatibility: Compatible with any oil-based products*

Storage: Dry, cool, and shaded area

** Recommended to perform a compatibility test before application. Apply in the early morning or evening, avoiding temperatures exceeding 90° F.*



Advantages:

- Certified for organic farming
- Formulated with natural ingredients
- Suitable for a wide variety of crops
- Environmentally sustainable

Key Features

- Kills pests on contact
- Controls and suppresses at different life stages of insects
- Provides diverse modes of action for season-long crop protection
- Excellent addition to a well-managed IPM program



Recommended Uses

PEST OUT[®] ULTRA can control and suppress multiple insect stages when applied in accordance with directions.

PEST OUT[®] ULTRA can be applied to a wide range of crops, including citrus, deciduous fruits and nuts, vegetable crops, cereal grains, and ornamentals.



Table 1. Mortality Rates of Different Insects Between **PEST OUT[®] ULTRA** and Competitor Products

Treatments	Mortality Rate (%)				
	Flea Beetles	Citrus Psyllids	Red Spider Mites	Mealybugs	Aphids
PEST OUT [®] ULTRA 0.4%	100	94	N/A	N/A	N/A
PEST OUT [®] ULTRA 0.2%	100	73	100	75	100
PEST OUT [®] ULTRA 0.1%	N/A	N/A	100	19	100
Neem Oil Competitor 0.2%	14	N/A	32	0	59
Chemical Competitor	100	100	100	94	100
Non-treatment	10	12	7	0	13

Results were documented 1 day after treatment

Table 2. Control Effects of **PEST OUT[®] ULTRA** and Competitor Products on 2 Cabbage Pests

Treatments	Insect Population Density	
	Flea Beetle	Cabbage White Worm
PEST OUT [®] ULTRA 0.4%	3.22	3.37
PEST OUT [®] ULTRA 0.2%	5.26	4.21
Neem Oil Competitor 0.2%	6.70	5.70
Chemical Competitor	17.56	0.33
Non-treatment	13.05	6.53

Results were documented on greenhouse cabbage 7 days after the fourth treatment

Always read and follow label instructions