

INSECTICIDE SYNERGIST

EXERT™

PBO 8

SYNERGIZE YOUR INSECTICIDE WITH EXERT PBO 8

eXert™ PBO 8 is a piperonyl butoxide-based synergist that can be added to insecticides and acaricides to improve their effectiveness against insects and mites. The emulsifiable concentrate formulation inhibits oxidative resistance that would otherwise break down the insecticide. eXert PBO 8 has no insecticidal properties of its own, rather it helps the insecticide to operate at a higher level than it would if it were used alone.

The versatile synergist can be used in combination with insecticides to combat difficult-to-control pests in a wide range of sites, including growing and dormant crops, turf and ornamentals, greenhouse and nurseries, and indoor buildings using a variety of application methods. To make your treatment protocols more effective, add the power and performance of eXert PBO 8 to your IPM toolbox.

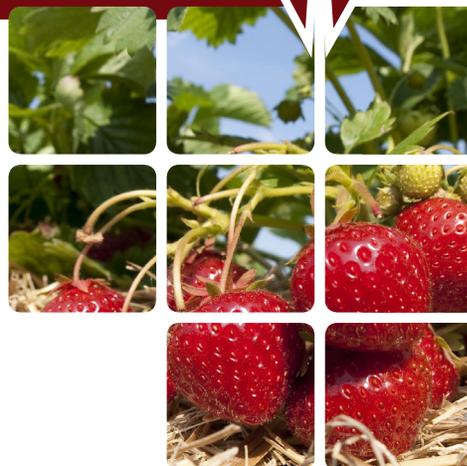
KEY BENEFITS

- Powerful synergist that increases insect and mite susceptibility to tank-mix partner
- Enhances insecticides and acaricides speed and level of control
- Excellent addition to increase efficacy in your IPM program

KEY USES

- Alfalfa
- Caneberries
- Commercial & Residential Buildings
- Corn
- Cotton
- Grapefruit
- Non-Grass Animal Feeds
- Ornamentals
- Stored Grain
- Strawberries

Refer to label for specific use restrictions.



PRODUCT NOTES

EPA REGISTRATION NUMBER
91234-223

ACTIVE INGREDIENT
Piperonyl butoxide 91.3%

FORMULATION
Emulsifiable Concentrate

SIGNAL WORD
Caution

PACKAGE SIZE
4 x 1 gal

RESTRICTED USE
No



Relevant. Simple. Reliable.

TANK-MIX INFORMATION

Prior to tank-mixing, do a compatibility test using the proper proportions of pesticide, synergist and water to ensure physical compatibility of the mixture. Mix at a rate of 2 to 8 fl oz of eXert PBO 8 per acre, based on the amount of active ingredient. In the absence of specific data or prior experience on growing crops and ornamentals (outdoors, in greenhouses or indoors), it is recommended that tank-mixes be tested for any phytotoxic injury to a small sample of the plants to be treated prior to use.

CALCULATION

Most insecticides are synergized at a rate of 1 to 10 parts eXert PBO 8 active ingredient to 1 part insecticide active ingredient. Determine the amount of insecticide ai to be used in pounds, then multiply that by the ratio of eXert PBO 8 desired (1 to 10). Then divide by 0.0625 (the amount of eXert PBO 8 ai in pounds per fluid ounces). This will be the number of fluid ounces of eXert PBO 8 to use.

$$\frac{\text{lb insecticide ai} \times \text{ratio of eXert PBO 8}}{0.0625} = \text{fl oz eXert PBO 8 required}$$

RATE RESTRICTIONS

FOOD CROPS		
CROP	MAXIMUM USE RATE	RESTRICTIONS
Field and orchard crops	8 fl oz per acre (0.5 lb ai per acre) or 0.2 fl oz per 1,000 square feet	Do not apply more than 10 times per year. Do not re-apply within 3 days except in case of extreme pest pressure, in which case do not re-apply within 24 hours. Do not apply to cotton within 14 days of seed harvest.
Hydroponic crops	1.0 ppm ai in water (equivalent to 1 fl oz eXert PBO 8 per 62,500 gallons water)	
Greenhouse space spray	0.22 fl oz per 10,000 cubic feet	
Greenhouse surface spray	0.2 fl oz per 1,000 square feet	

ORNAMENTAL, FLOWERING AND FOLIAGE PLANTS		
CROP	MAXIMUM USE RATE	RESTRICTIONS
Greenhouse surface spray	0.58 fl oz per 1,000 square feet	Do not apply more than once per day.
Greenhouse space spray	0.67 fl oz per 10,000 cubic feet	
Forestry	20 fl oz per acre	
Sod farms	16 fl oz per acre	

Refer to product label for complete application and mixing instructions.

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TANK-MIX PARTNERS

- Abamectin 2% ai
- Bifenthrin 7.9% ai
- Bifenthrin 10% ai
- Bifenthrin 25.1% ai
- Cyfluthrin 6% ai
- Cyfluthrin 11.8% ai
- Cyfluthrin 12.7% ai
- Cyfluthrin 20% ai
- Cyfluthrin 25% ai
- Cypermethrin 23.5% ai
- Cypermethrin 30.6% ai
- Deltamethrin 4.75% ai
- Esfenvalerate 3.48% ai
- Esfenvalerate 6.4% ai
- Esfenvalerate 8.4% ai
- Esfenvalerate 9.36% ai
- Fenpropathrin 30.9% ai
- Imidacloprid 17.4% ai
- Imidacloprid 21.4% ai
- Imidacloprid 75% ai
- Lambda-cyhalothrin 9.7% ai
- Lambda-cyhalothrin 11% ai
- Methomyl 29% ai
- Permethrin 10% ai
- Permethrin 25% ai
- Permethrin 25.6% ai
- Permethrin 36.8% ai
- Permethrin 38.4% ai
- Tau-fluvalinate 22.3% ai
- Zeta-cypermethrin 9.6% ai
- Zeta-cypermethrin 18.1% ai

(Refer to product label for complete list)