

# EF300

## All Purpose Insecticide

### CAN BE USED FOR ORGANIC PRODUCTION

- For Use on Crops and Ornamentals
- Effective long term control
- Zero reentry or preharvest interval

This product has not been registered by the USEPA. USAgrITech, Inc., represents that this product qualifies for exemption from registration under FIFRA

#### DIRECTIONS FOR USE

##### General Information and Tips for Best Performance

EF300 is to be used as a contact insecticide and preventative insect pest agent.

EF300 may be used with a spreader or sticker. EF300 should be compatible with most products. We recommend conducting a small-scale test to ensure lack of phytotoxicity of the combination.

Buffer the pH of the EF300 spray solution to pH 5.0 - 5.5 for best results. Outside of this recommended range may result in poor performance on target insects.

##### Method of Application for EF300

Ground application is recommended for thorough coverage. Under low-level pest conditions, the minimum application rates can be used. Maximum application rates and shortened spray schedules are recommended during periods of high pest pressure.

##### Application Rates for EF300

Apply EF300 at recommended rates (refer to Chart - Use Rates per 100 Gallons) in sufficient water to provide thorough coverage. Thorough coverage of foliage is required for optimal pest control. Use adequate sprayer pressure to achieve small

droplets or fine mist for best coverage. Do not spray wet foliage.

##### Dilution Instructions

Shake jug of EF300 before opening to blend ingredients. Fill the clean spray tank with the amount of water needed for the application. Agitate water in tank and then SLOWLY add desired amounts of EF300 maintaining constant agitation throughout mixing. Once product is in solution, no further agitation is required.

##### Minimum Time for Application to Harvest

Spraying of the product can occur up to the time of harvest on all intended crops.

##### Equipment

Thorough coverage of plant, including leaves and fruit, is required for best results. To achieve thorough coverage, use proper spray pressure, gallons per acre, nozzles, nozzle spacing, and tractor speed. Consult spray nozzle and accessory catalogues for specific information on proper equipment calibration. For best coverage use mist and small droplets.

Clean application equipment by using enough plain water to thoroughly rinse the tank, flush filters and spray nozzles. Flush tank until clean and then turn on nozzles, rinsing with water until clean to the touch.

#### TANK MIXING INSTRUCTIONS

EF300 can be tank mixed with most recommended fungicides, insecticides, herbicides, liquid fertilizers, biological control products and adjuvants. EF300 has been tested on numerous plant varieties with no phytotoxic effects. However, since EF300 has not been tested on all plant varieties or in combination with all available tank mixes, testing on a small number of plants to check for adverse effects is recommended before applying widely. Add EF300 to tank mixed formulations as the **last** ingredient. Use according to the most restrictive label directions for each product in the mixture.

**STORAGE AND DISPOSAL** Store in original UV protected containers only. In case of spill on floor or paved surfaces, hose off with clean water. Store at temperatures between 41°F to 85°F (5°C to 30°C). Wastes resulting from using this product may be disposed of on site. Dispose of empty containers in a sanitary land fill or recycled if permitted.

**EF300 Organic Insecticide**

**Active Ingredients:** Rosemary 5.4%, Sesame 5.2%, Peppermint 4.5%, Thyme 3.7%, Cinnamon 3.5% - (22.3%)

**Other Ingredients:** Beeswax, Calcium Carbonate, Carrageenan, Kaolin, Ground Mustard, Palm Oil, Sodium Bicarbonate, Sodium Chloride, Purified Water - (77.7%) **Total - 100%**

**KEEP OUT OF REACH OF CHILDREN**

## **CAUTION**

### **PRECAUTIONARY STATEMENTS**

Causes temporary eye and skin irritation. Do not get in eyes, on skin, or on clothing. Wear protective eyewear such as goggles, face shield, or safety glasses, and chemical resistant gloves. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse.

#### **FIRST AID**

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. If irritation persists, call a poison control center or doctor for further advice.

**If on skin:** Take off contaminated clothing, rinse skin immediately with plenty of soap and water for 15-20 minutes. If irritation persists, call a poison control center or doctor for further advice.

**If swallowed -** Call doctor or poison control center immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by poison control center or doctor. Do not give anything to an unconscious person.

**If inhaled -** Move person to fresh air. If person is not breathing, call 911 or an ambulance.

#### **CONDITIONS OF SALE AND WARRANTY**

USAgriTech, Inc. warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions under normal conditions of use. USAgriTech, Inc. MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES EITHER OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR USE. Critical and unforeseeable factors beyond USAgriTech, Inc.'s control prevent it from eliminating all risks in connection with the use of this product. Risks such as crop injury, ineffectiveness or other unintended consequences resulting from, but not limited to, weather conditions, presence of other materials, drift to other crops or property, the manner of use or application, or failure to follow label directions will be assumed by the Buyer or User. Handling, storage and use of the product by Buyer and User are beyond the control of USAgriTech, Inc. In no case shall USAgriTech, Inc. be held liable for consequential, special or indirect damages resulting from the use of this product. The limit of USAgriTech, Inc. liability shall be the purchase price for the quantity involved.

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**NET CONTENTS**

**1 GALLON**

**(3.79L)**

**EF300 Organic Insecticide**

Crop	Use Rate per 100 Gallons	Application Rates & Timing
<p><b>Root &amp; Tuber Vegetables</b> such as but not limited to: beet, carrot</p> <p><b>Bulb Vegetables</b> such as but not limited to: onions, garlic, leeks, shallots</p> <p><b>Leafy Vegetables</b> such as but not limited to: endive, head and leaf lettuce, radicchio, spinach, Swiss chard</p> <p><b>Legume Vegetables</b> such as but not limited to: bean, pea</p> <p><b>Fruiting Vegetables</b> such as but not limited to: tomato (Not recommended for use on peppers)</p> <p><b>Cucurbits</b> such as but not limited to: cucumber</p> <p><b>Cole Crops</b> such as but not limited to: broccoli, Brussels sprouts, cabbage, cauliflower</p> <p><b>Melons</b> such as but not limited to: cantaloupe, watermelon</p> <p><b>Squashes</b> such as but not limited to: pumpkin</p>	64 fl. oz. to 96 fl. oz.	<p>Begin spraying at first sign of pest and repeat using recommended rates as needed.</p> <p>Repeat spray on a 3 to 4 week interval depending on pest pressure. During conditions of high insect pressure use higher labeled use rates and shorter intervals.</p>
<p><b>Pome Fruit</b> such as but not limited to: apple, pear</p> <p><b>Stone Fruit</b> such as but not limited to: apricot, cherry, nectarine, peach, plum, prune</p> <p><b>Subtropical Fruit</b> such as but not limited to: avocado, banana, mango, papaya</p> <p><b>Grapes</b> such as wine, fresh market, raisin</p> <p><b>Citrus</b> - such as but not limited to: orange, lemon, grapefruit</p>	64 fl. oz. to 96 fl. oz.	<p>Begin spraying at first sign of pest. Repeat spray on a 3 to 4 week interval depending on pest pressure. During conditions of high insect pressure use higher labeled use rates and shorter intervals.</p> <p>Begin spraying at first sign of pest and repeat using recommended rates as needed.</p>
<p><b>Small Fruit, Berries</b> - such as but not limited to: blackberry, blueberry, loganberry, raspberry, strawberry</p>	64 fl. oz. to 96 fl. oz.	<p>Begin spraying at first sign of pest. Repeat spray on a 3 to 4 week interval depending on pest pressure. During conditions of high insect pressure use higher labeled use rates and shorter intervals.</p>
<p><b>Herbs &amp; Spices</b> such as basil, chives, dill, oregano, parsley, thyme</p> <p><b>Ornamentals - field &amp; greenhouses</b> such as bare root, bedding and flowering stock, field grown cut flowers, sunflowers, vegetable transplants, nursery and landscape, potted flowers, tree ornamentals</p>	36 fl. oz. to 96 fl. oz.	<p>Begin spraying at first sign of pest. Repeat spray on a 2 to 3 week interval depending on pest pressure. During conditions of high insect pressure use higher labeled use rates and shorter intervals.</p> <p>In ornamentals always check for phytotoxic reactions by testing at different dilution rates.</p>
<p><b>Grasses For Seed, Forage and Fodder</b></p> <p>Any grasses that will be fed or grazed by livestock</p> <p><b>Turf Grasses</b></p>	64 fl. oz. to 96 fl. oz.	<p>Begin spraying at first sign of pest. Repeat spray on a 3 to 4 week interval depending on pest pressure.</p>
<p>For any aerial application use a pH of 5.0 to 5.5 and a dilution rate of not less than 1% or 1 gallon per 100 gallons.</p>	128oz/ 100 gallons	

PESTS CONTROLLED
<p>Including but not limited to: Ants, Aphids, Armyworms, Fruit Flies, Grape Leafhopper, Pear Psylla, Potato Psyllid, Asian Citrus Psyllid, Strawberry Spider Mite, Citrus Rust Mite, Pink Citrus Rust Mite, Citrus Red Mite, Spider Mite, Two Spotted Spider Mite, Six-Spotted Mite, Gnats, Grape Leaf Skeletonizer, Green Peach Aphid, Greenhouse Thrips, Leafhopper, Leaf Miner, Leaf Mealy Bug, Sunflower Midge, Potato Leafhopper, Slugs, Thrips, Whitefly</p>

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