



Environmentally Friendly
Fungicide

EF400™

SPECIMEN LABEL

CAN BE USED FOR ORGANIC PRODUCTION

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

| | |
|--|--------|
| Active Ingredients | |
| Clove | 6.2% |
| Rosemary | 6.1% |
| Peppermint | 5.7% |
| Other Ingredients | |
| Bentonite, Carrageenan, Cellulose, Citric Acid, Citrus Pulp—Orange, Dolomite, Glycerin, Guar Gum, Kaolin, L-Ascorbic Acid, Sodium Bicarbonate, Soybean Oil | 82.0% |
| Total | 100.0% |

This product meets the Program Standards set forth by the National Organic Program (NOP) final rule 7CFR Part 205.

This product has not been registered by the US Environmental Protection Agency. USAgritech, Inc. represents that this product qualifies for exemption from registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA).

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUTIONARY STATEMENTS

Causes temporary eye injury 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 on skin: Take off contaminated clothing, rinse skin immediately with plenty of soap and water for 15-20 minutes.

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, then give artificial respiration, preferably mouth to mouth if possible.

If irritation persists, call a poison control center or doctor for further advice.

ENVIRONMENTAL HAZARDS

Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

DIRECTIONS FOR USE

General Information and Tips for Best Performance

For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

EF400 is a blend of herbal active ingredients using USAgritech's proprietary NEO Biological Blending Technology that is to be used as a contact fungicide and preventative disease control agent.

EF400 may be used with a spreader or sticker. EF400 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 EF400 spray solution to 5.5 - 7.0 for best results. Outside of this recommended range may result in reduced performance on target diseases.

Method of Application for EF400

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

Application Rates for EF400

Apply EF400 at recommended rates (refer to Table 1 - Rates per 100 Gallons) in sufficient water to provide thorough coverage. Thorough coverage of foliage is required for optimal disease control. Use adequate sprayer pressure to achieve small droplets or fine mist for best coverage. Do not spray wet foliage.

Dilution Instructions

Before opening bag of EF400, blend ingredients thoroughly by shaking bag end to end and side to side. Using palm of hands on outside of bag, firmly press down on any solid particles to assist in blending. Fill the clean spray tank with the amount of water needed for the application. Agitate water in tank and then SLOWLY add entire contents of bag of EF400 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.

CONTENTS - 64 FL. Oz (1.89L)

TANK MIXING INSTRUCTIONS

EF400 can be tank mixed with most recommended fungicides, insecticides, herbicides, liquid fertilizers, biological control products and adjuvants. EF400 has been tested on numerous plant varieties with no phytotoxic effects. However, since EF400 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 EF400 to tank mixed formulations as the **last** ingredient. Use according to the most restrictive label directions for each product in the mixture.

Minimum Time for Application to Harvest

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

STORAGE AND DISPOSAL

Storage

Store in original UV protected packages 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).

Disposal

Wastes resulting from using this product may be disposed of on site. Dispose of empty bag in a sanitary land fill or by incineration, or if allowed by state and local authorities.

| Table 1 | |
|---|--------------------------------|
| Crop | Rate per 100 Gallons |
| Root & Tuber Vegetables such as but not limited to: beet, carrot Bulb Vegetables such as but not limited to: onions, garlic, leeks, shallots, potato Leafy Vegetables such as but not limited to: endive, head and leaf lettuce, radicchio, spinach, Swiss chard Legume Vegetables such as but not limited to: bean, pea Fruiting Vegetables but not limited to: tomato (Not recommended for use on peppers) Cucurbits such as but not limited to: cucumber Cole Crops such as but not limited to: broccoli, Brussels sprouts, cabbage, cauliflower Melons such as but not limited to: cantaloupe, watermelon Squashes such as but not limited to: pumpkin | 64 fl. oz. to 96 fl. oz. |
| Pome Fruit such as but not limited to: apple, pear Stone Fruit such as but not limited to: apricot, cherry, nectarine, peach, plum, prune | 64 fl. oz. to 96 fl. oz. |
| Subtropical Fruit such as but not limited to: banana, mango, papaya Citrus - such as but not limited to: orange, lemon, grapefruit | 64 fl. oz. to 96 fl. oz. |
| Small Fruit, Berries - such as but not limited to: blackberry, blueberry, loganberry, raspberry, strawberry Grapes such as: wine, fresh market, raisin Hops | 64 fl. oz. to 96 fl. oz. |
| Ornamentals - field & greenhouses such as but not limited to: bare root, bedding and flowering stock, field grown cut flowers, vegetable transplants, nursery and landscape, potted flowering, tree ornamentals | 32 fl. oz. to 64 fl. oz. |
| Herbs & Spices such as but not limited to: basil, chives, dill, oregano, parsley, thyme | 48 fl. oz. to 64 fl. oz. |
| Turf - Lawns, golf course fairways & greens, sod farms | 48 fl. oz. to 64 fl. oz. |
| Tree Nuts such as but not limited to: almond, cashew, pecans, walnut | 64 fl. oz. |

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's, Inc. 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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Table 2

| Crops | Target Disease | Application Directions |
|---|--|---|
| Vegetables Root & Tuber Bulb Leafy Legume Cucurbits Cole Crops Herbs & Spices Melons Squashes | Downy Mildew* Late Blight Powdery Mildew Rust* | Begin applications of EF400 prior to onset of disease and continue on a 14 day cycle. During conditions of high disease pressure, shorten spray intervals. Spray at first sign of disease, continue on 14-day intervals, and continue until harvest is complete. Can be applied using irrigation system. See label supplement. |
| Fruiting Vegetables | Anthracnose Brown Rot Downy Mildew* Late Blight Rhizopus | Begin applications of EF400 prior to onset of disease and continue on a 14 day cycle. For control of Rhizopus, begin applications of EF400 prior to disease development and continue on a 7 to 10 day cycle. If Rhizopus is present just prior to harvest, use higher labeled use rate and let dry before harvesting for crop protection. |
| Pome Fruit Stone Fruit Subtropical Fruit Citrus | Scab Blue Mold Black Rot Powdery Mildew | Begin applications of EF400 prior to onset of disease and continue on a 10-14 day cycle. During conditions of high disease pressure use higher labeled use rates and shorten spray intervals. |
| Small Fruit, Berries | Botrytis Fruit Rot Leaf Rust* Monilinia Blight and Mummy Berry Phomopsis Leaf Spot, Twig Blight & Fruit Rot Powdery Mildew Rust * Rhizopus | Begin applications of EF400 prior to onset of disease and continue on a 10-14 day cycle. During conditions of high disease pressure, shorten spray intervals. |
| Grapes | Black Rot* Botrytis Gray Mold Bunch Rot Complex Downy Mildew* Phomopsis Powdery Mildew Ripe Rot | For Powdery Mildew control, begin applications of EF400 at bud break or prior to onset of disease. Maintain a 14 to 21 day cycle. During conditions of high disease pressure use higher labeled use rates and shorten spray intervals. For Black Rot and Downy Mildew control, begin applications of EF400 at pre-bloom on a 10 to 14 day interval. For Botrytis Bunch Rot initiate sprays at bloom and repeat prior to bunch closing and veraison. Spray final application at harvest if needed. During conditions of high disease pressure, increase rates and shorten spray intervals. |
| Tree Nuts | Anthracnose Blossom Blight Green Fruit Rot Scab | In almond, begin application of EF400 at pink bud and continue on a 10 to 14 day cycle up to 6 weeks after petal fall. For control of Scab, continue with the 10 to 14 day cycle. During conditions of high disease pressure use higher labeled use rates and shorten spray intervals. In all other applications spray EF400 prior to disease development and continue on a 10 to 14 day cycle. |
| Ornamentals Field & Greenhouses | Botrytis Powdery Mildew Rust | Apply recommended rate for control of the greenhouse fungal disease. Apply on a 7-10 day cycle depending on the level of infestation. Spray to the point of runoff. For Powdery Mildew on greenhouse roses, use 24 oz to 48 oz per 50 gallons solution every 7 days. |
| Herbs & Spices | Botrytis Powdery Mildew Downy Mildew* Rust | Begin applications of EF400 prior to onset of disease and continue on a 7 to 10 day cycle. |
| Turf Lawns, golf course fairways and greens, sod farms | Powdery Mildew Brown Spot Dollar Spot* Fairy Ring* Rust Slime Molds | Apply recommended rate for control of fungal disease. Apply on a 7 to 10 day cycle depending on the level of disease pressure. Water in thoroughly. |

* For noted diseases, this product is to be used for disease suppression as part of a preventative maintenance program.

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