



Environmentally Friendly

Fungicide
+
Insecticide

DuoGard™

FOR PREVENTATIVE DISEASE & PEST CONTROL

SPECIMEN LABEL

CAN BE USED FOR ORGANIC PRODUCTION

- For Use on All Crops and Ornamentals
- Effective insect suppression and disease control
- Zero reentry or preharvest interval

Active Ingredients	
Rosemary	6.0%
Peppermint	5.5%
Clove	4.3%
Sesame	1.6%
Cinnamon	1.2%
Thyme	1.2%
Other Ingredients	
Beeswax, Bentonite, Calcium Carbonate, Carrageenan, Cellulose, Citric Acid, Citrus Pulp—Orange, Dolomite, Glycerin, Guar Gum, Kaolin, Lecithin, Ground Mustard, Palm Oil, Sodium Bicarbonate, Sodium Chloride	80.2%
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

Avoid contact with eyes, skin and clothing. Avoid breathing vapors or spray mist. 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.

DuoGard is prepared using USAgritech's proprietary NEO Biological Blending Technology and is to be used as a contact disease and insect pest preventative agent.

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

Method of Application for DuoGard

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 DuoGard

Apply DuoGard at recommended rates (See Table - Use Rates per 100 Gallons) to provide thorough coverage. Increase the rate during severe pressure conditions. Once desired level of control is achieved, apply at lower rate to prevent further infestation. Thorough coverage of foliage is required for optimal pest and 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 DuoGard, 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 DuoGard maintaining constant agitation throughout mixing. Once product is in solution, no further agitation is required.

CONTENTS - 64 FL. Oz (1.89L)

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. Do not apply this product through any type of irrigation system.

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

DuoGard can be tank mixed with most recommended fungicides, insecticides, herbicides, liquid fertilizers, biological control products and adjuvants. DuoGard has been tested on numerous plant varieties with no phytotoxic effects. However, DuoGard 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 possible adverse effects is recommended before applying widely. Add DuoGard 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

Dispose of empty bag in a sanitary land fill or as permitted by state and local authorities.

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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Crop	Use Rate per 100 Gallons	For suppression of the following pest populations:	Diseases Controlled but not limited to:	Application Directions
Small Fruit, Berries such as but not limited to: blackberry, blueberry, loganberry, raspberry, strawberry Grapes such as: wine, fresh market, raisin	64 fl. oz. to 96 fl. oz.	Such as but not limited to: Aphid Leafhopper Mites	Botrytis Gray Mold Bunch Rot Complex Downy Mildew* Grape Black Rot* Phomopsis Powdery Mildew	In sufficient water to provide thorough coverage, use lower rate when pest and disease pressure is light and spray at 14 day intervals. During conditions of high pest or disease pressure, increase rates or shorten intervals to 10 days. (*For Downy Mildew and Grape Black Rot this product is to be used for disease suppression as part of a preventative maintenance program)
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.	Such as but not limited to: Aphid	Powdery Mildew	Use lower rate when pest and disease pressure is light and spray at 14 day intervals. During conditions of high pest or disease pressure, increase rates or shorten intervals to 10 days.
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	48 fl. oz. to 64 fl. oz.	Such as but not limited to: Aphid Mites Whitefly	Botrytis Gray Mold Powdery Mildew	Use lower rate when pest and disease pressure is light and spray at 10-14 day intervals. During conditions of high pest or disease pressure, increase rates or shorten intervals to 7-10 days.

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