

70051-116

3/5/2014

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Biopesticides and Pollution Prevention Division
(7511C)

1200 Pennsylvania Avenue NW
Washington, DC 20460

NOTICE OF PESTICIDE:

- Registration
 - Reregistration
- (under FIFRA, as amended)

EPA Reg. Number:
70051-116

Date of Issuance:
MAR - 5 2014

Term of Issuance: Unconditional

Name of Pesticide Product:
Novel 0.5% SC Fungicide

Name and Address of Registrant (include ZIP Code):

Certis USA, LLC
9145 Guilford Road, Suite 175
Columbia, MD 21046

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA). Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on her motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This registration does not eliminate the need for continual reassessment of the pesticide. If the EPA determines at any time that additional data are required to maintain in effect an existing registration, the Agency will require submission of such data under section 3(c)(2)(B) of FIFRA.

This product is unconditionally registered in accordance with FIFRA Sec. 3(c)(5) and is subject to the following terms:

1. Submit and/or cite all data required for registration of your product under FIFRA section 3(c)(5) and section 4 when the Agency requires all registrants of similar products to submit such data.
2. Revise the EPA Registration Number to read, "EPA Reg. No. 70051-116."
3. A one year study is required to satisfy the Storage and Stability and Corrosion Characteristics requirements (Guidelines: OCSPP 830.6317 and 830.6320). You have 18 months from the date of registration to provide these data.
4. Submit three (3) copies of the revised final printed labeling before you release the product for shipment.

A stamped copy of the label and an A-79 Enclosure are enclosed for your records.

Signature of Approving Official:

Robert McNally, Director
Biopesticides and Pollution Prevention Division (7511P)

Date:

3/5/14

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ACCEPTED

Novel™ 0.5% SC Fungicide

MAR - 5 2014

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 70051-116

Alternate Brand Names:
Novel™ Suspension Concentrate-Fungicide
Novel™ SC Fungicide
Novel™ Fungicide

(Development Code: CX-10455)

For Use on Vegetables, Fruits, Nuts, Flowers, Houseplants, Ornamental Plants, Roses, Trees and Shrubs in Home Gardens or Containers (Indoors or Outdoors), and Turfgrass in Residential Lawns

For Use In and Around the Home and Home Garden

Controls Black Spot, Powdery Mildew, Rust, Blight, Anthracnose, Botrytis, Alternaria, Turf Diseases and Other Fungi

Can be Used up to Day of Harvest

Active Ingredient:

Polyoxin D zinc salt.....	0.5%
Other Ingredients	99.5%
Total	100.0%

Contains 0.7 ounces of active ingredient per gallon.

KEEP OUT OF REACH OF CHILDREN
CAUTION

See side panel for additional Precautionary Statements —or—
See attached booklet for additional Precautionary Statements, First Aid Statements, Directions for Use, and Storage and Disposal Statements

Manufactured by
Certis USA, L.L.C.
9145 Guilford Road
Suite 175
Columbia, MD 21046

Net contents: _____
EPA Reg. No. 70051- 116
EPA Est. No. 70051-CA-001
Lot No. _____

CERTIS

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 eye. Call a poison control center or doctor for treatment advice.

If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. Hot Line Number: 1-800-255-3924.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION: Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid Contact with skin and clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS STATEMENT

For terrestrial uses. This product is moderately toxic to aquatic invertebrates and fish. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

GENERAL INFORMATION

Novel™ 0.5%SC Fungicide controls fungi that cause plant disease by interfering with the formation of fungal cell walls. It can be used on all food and non-food crops, including vegetables, fruits, flowers, foliage plants, ornamental shrubs, and turf grasses in residential lawns.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

SHAKE WELL BEFORE USE.

Novel™ 0.5%SC Fungicide is a concentrate and must be diluted before application by mixing with clean water.

Do not use a sprayer or container that has been used to mix or apply weed killers or other herbicides.

Mix only the amount of spray solution needed to treat the desired area. Apply immediately after mixing Novel™ 0.5%SC Fungicide with water. Do not allow mixture to stand for extended periods.

Stir or shake the mixture thoroughly before spraying to ensure uniform mixing.

Unless otherwise indicated in the additional directions provided below, begin as a preventative spray when conditions favor disease development. Repeat applications every 7 to 14 days as needed to maintain disease control.

FOR USE ON VEGETABLES, FRUITS, AND NUTS IN HOME GARDENS

Mix 1 to 2 teaspoons of Novel™ 0.5%SC Fungicide per quart of clean water (equivalent to 1:200 or 1:100 dilution by volume).

The lower rate (1 teaspoon per quart) may be used in preventative applications before disease symptoms are visible.

Use the higher rate (2 teaspoons per quart) when symptoms are already visible to prevent further development of disease, or when "suppression" is indicated.

Application method and timing:

Unless instructed otherwise under "Additional Instructions for Specific Plants/Diseases" (below):

Apply diluted Novel™ 0.5%SC Fungicide as a fine spray to foliage, flowers, fruit, and other above ground plant parts using a hand pump sprayer, garden sprayer, mister, or other suitable sprayer to uniformly wet the plant without excessive dripping. Do not apply to wilted or otherwise stressed plants, to newly-transplanted plants, or to seedlings prior to root establishment.

For best results, begin as a preventative spray when conditions favor disease development.

Repeat applications every 7 to 14 days as needed to maintain disease control.

Diseases controlled or suppressed by Novel™ 0.5%SC Fungicide: See additional instructions in the table below for those diseases marked with an asterisk (*).

<i>Alternaria</i> blight	Leaf blotch of apples (<i>Diplocarpon mali</i>)
Anthrachnose (<i>Colletotrichum</i> species)	Leaf mold of tomatoes (<i>Fulvia</i> , <i>Cladosporium</i> , or <i>Passalora</i>)
Apple scab (<i>Venturia inaequalis</i>) suppression*	Leaf spots caused by <i>Alternaria</i> , <i>Cercospora</i> , other fungi
Black scurf of potato (<i>Rhizoctonia solani</i>)*	Lettuce drop (<i>Sclerotinia</i> species)*
<i>Botrytis</i> blossom blight*	Neck rot (<i>Botrytis</i>) of onions and garlic
Bottom rot of lettuce and cabbage (<i>Rhizoctonia</i>)*	Powdery mildew
Brown spot of citrus (<i>Alternaria alternata</i>)*	Purple blotch (<i>Alternaria</i>) of onions and garlic
Bunch rot of grapes*	Rusts
Crown and root rots (<i>Rhizoctonia</i> , <i>Cylindrocarpon</i>)*	<i>Sclerotinia</i> rot
Damping off (<i>Botrytis</i>) in lettuce and other leafy vegetables grown from seed*	<i>Septoria</i> spot of citrus*
Downy mildew (suppression)	Southern blight (<i>Sclerotium rolfsii</i>)*
Early blight	<i>Verticillium</i> wilt (suppression)*
Fruit rots caused by <i>Alternaria</i> , <i>Botrytis</i> , other fungi*	White mold/stem rot (<i>Sclerotinia sclerotiorum</i>)*
Gray mold (<i>Botrytis cinerea</i>)	White spot of cabbage and other cole crops

***Additional Instructions for Specific Plants/Diseases:**

Disease	Additional Instructions
Apple scab (suppression)	Begin sprays as soon as green tips are visible on buds. Repeat every 7 – 10 days as needed.
Black scurf of potato	Spray over seed potatoes in the planting hole or furrow before covering with soil.
<i>Botrytis</i> blossom blight	Apply at full bloom if wet weather occurs during the bloom period
Bottom rot of lettuce and cabbage	Begin applications at head formation, before leaves contact the ground. Direct the spray toward the soil surface and lower leaves. Repeat every 7 – 14 days as needed to maintain control.
Brown spot of citrus	Apply as preventative foliar spray before disease is visible, when new growth is ¼ to ½ expanded. Make a second application (if needed) to fully expanded new growth.
Bunch rot of grapes Fruit rots	Begin preventive applications at flowering. Repeat every 7 – 14 days as long as conditions favor disease. More frequent reapplication (every 3 – 7 days) may be needed under wet conditions such as extended rainfall or fog.
Crown and root rots	Apply 4 – 6 fl. oz. of diluted Novel™ 0.5%SC Fungicide as a soil drench at the base of each plant, within 2 weeks after plant emergence. Repeat every 2 – 4 weeks.
Damping off in leafy vegetables grown from seed	Spray a narrow band (about 4" wide) directly over the line of seeds before covering with soil.
Lettuce drop	Make the first application immediately after plant emergence or transplanting, before disease is evident. Repeat application if soil is disturbed by cultivation or thinning and conditions are still conducive to disease development.
<i>Septoria</i> spot of citrus	Apply as a preventative spray in late fall or early winter, just before or after the first rain. Additional applications may be necessary during seasons of heavy rainfall.
Southern blight <i>Verticillium</i> wilt (suppression)	If planting seeds, spray or drench diluted Novel™ 0.5%SC Fungicide directly over the seeds before covering with soil. After plant emergence (or transplanting), spray the base of each plant every 7 – 14 days.
White mold Stem rot	Spray the lower leaves, stems, and immediate soil surface around the base of the plant. Repeat every 7 – 14 days as long as conditions favor disease development.

FOR USE ON FLOWERS, FOLIAGE PLANTS, SHRUBS, ROSES, AND OTHER ORNAMENTAL PLANTS (INDOORS AND OUTDOORS)

Mix 1 to 2 teaspoons of Novel™ 0.5%SC Fungicide per quart of clean water (equivalent to 1:200 or 1:100 dilution by volume).

The lower rate (1 teaspoon per quart) may be used in preventative applications before disease symptoms are visible.

Use the higher rate (2 teaspoons per quart) when symptoms are already visible to prevent further development of disease, when "suppression" is indicated, or for control of root and crown diseases.

For control or suppression of the following diseases affecting foliage, flowers, or fruit:

<i>Alternaria</i> blight	<i>Curvularia</i> blight
Anthracnose (<i>Colletotrichum</i> species)	Downy mildew (suppression)
Apple scab (<i>Venturia inaequalis</i>) suppression	Petiole rot (<i>Myrothecium</i>)
Black-spot-of-roses (<i>Diplocarpon rosae</i>)	Powdery-mildew
<i>Botrytis</i> blight (<i>Botrytis cinerea</i>)	<i>Rhizoctonia</i> aerial blight

Apply as a fine spray to foliage, flowers, fruit, and other above ground plant parts using a hand pump sprayer, garden sprayer, mister, or other suitable sprayer to uniformly wet the plant without excessive dripping. Begin preventative applications when conditions are conducive to disease and before disease symptoms appear. Repeat application every 7 to 14 days as needed to maintain control (unless indicated otherwise below).

Novel™ 0.5%SC Fungicide may harm flowers and other tender tissues of sensitive plant species such as baby's breath (*Gypsophila*), impatiens, fuchsia, hibiscus, and some varieties of roses and carnations. Do not apply directly to flowers without prior testing on a small number of plants. Do not apply to wilted or otherwise stressed plants, to newly-transplanted plants, or to seedlings prior to root establishment.

For control of Black root rot (*Thielaviopsis*) and *Rhizoctonia* crown and root rot:

Use the higher rate (2 teaspoons per quart). Thoroughly drench the soil at the base of the plant with at least 4 fluid ounces of diluted Novel™ 0.5%SC Fungicide per plant. Repeat every 14 to 28 days.

FOR USE ON TURF GRASSES IN RESIDENTIAL LAWNS

To control brown patch and large patch (caused by *Rhizoctonia solani*): Mix 1½ fluid ounces (3 tablespoons) of Novel™ 0.5%SC Fungicide per gallon of clean water and apply as a spray to the affected turf area.

To control foliar and basal Anthracnose and *Curvularia* blight: Mix 3 fluid ounces (6 tablespoons) of Novel™ 0.5%SC Fungicide per gallon of clean water and apply as a spray to the affected turf area.

Apply at least 2 gallons of spray mix per 1,000 square feet of treated area. Repeat application every 7 to 14 days during periods when environmental conditions favor disease development. If disease symptoms are already visible, repeat every 7 days.

For best results, apply after mowing.

Used as directed above, Novel™ 0.5%SC Fungicide will aid in suppression of these other turf diseases:

- *Rhizoctonia* damping off
- Gray leaf spot
- Gray snow mold
- Leaf spot/melting out
- Pink snow mold
- Red thread
- Waitea patch
- Yellow patch (cool weather brown patch)
- Zoysia patch

For suppression and short term control of Fairy Ring: Mix 1½ fluid ounces (3 tablespoons) of Novel™ 0.5%SC Fungicide per gallon of clean water and apply as a spray to the affected turf area. Apply at least 2 gallons of spray mix per 1,000 square feet of treated area. Immediately after each application, water in the treatment with sufficient sprinkler irrigation (½ - ¼") to wet the active root zone. Make 2 to 3 applications at 7 day intervals.

HOSE END SPRAYER INSTRUCTIONS

The sprayer attached to the container is ready to use. Simply attach the container to your garden hose and follow these instructions:

1. Insure the large, round "on/off" knob is set to OFF.
2. Turn on water.

3. PUSH IN the small knob near front of sprayer, allowing water and product to mix.
4. Hold sprayer and container level and point towards area to be sprayed.
5. Turn large, round "on/off" knob to ON.
6. Begin spraying product evenly over the area you wish to treat.
7. Spray until the area is visibly wet.
8. To stop spraying, turn the large, round "on/off" knob to OFF.
9. PULL OUT the small knob near front of sprayer, preventing the product from mixing with water.
10. Turn off water at the faucet. Relieve water pressure in the hose by turning the large, round "on/off" knob ON until water pressure is reduced.
11. Turn the knob to OFF for disposal of empty container.

Covers 5,000 square feet or equivalent per 32 fluid ounce container size. Single use container. Do not store unused product for later use.

Alternate (Optional) Hose End Sprayer Instructions:

The sprayer attached to the container is ready to use. Simply attach to your garden hose and follow these instructions:

1. Connect sprayer to hose.
2. Turn on water.
3. To begin spraying, point nozzle in the direction you want to spray.
4. Bend plastic tab back and turn knob back to ON position.
5. Spray evenly onto area being treated.
6. To stop spraying, turn knob to OFF position.
7. Turn off water.
8. Relieve water pressure by bending plastic tab back and turning knob to ON position until water slows to a drip. Then turn knob back to OFF position.
9. Disconnect sprayer from hose.

STORAGE & DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

Pesticide storage: Keep in original container. Keep container tightly sealed when not in use. Store at room temperature out of direct sunlight and away from food.

Pesticide & container handling: Non-refillable container. Do not reuse or refill this container.

For containers less than 5 gallons:

If empty: Place in trash or offer for recycling if available.

If partly filled: Call your local solid waste agency or 1-800- CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

For containers greater than 5 gallons:

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat the procedure two more times.

Then offer for recycling, if available, or puncture or dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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WARRANTY

Certis USA, L.L.C. warrants that the material contained herein conforms to the description on the label and is reasonably fit for the purposes referred to in the directions for use. Timing and method of application, weather, watering practices, nature of soil, the disease problem, condition of the target plants, incompatibility with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the seller. To the extent consistent with applicable law, buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herein. NO OTHER EXPRESS OR IMPLIED WARRANTY OF THE FITNESS OR MERCHANTABILITY IS MADE.