

# SPORAN<sup>TM</sup>

A BROAD SPECTRUM FUNGICIDE FOR USE ON TURFGRASS,  
AGRICULTURAL AND HORTICULTURAL CROPS

## NET CONTENTS 2.5 GALLONS

Active Ingredient:  
Rosemary Oil .....17.6%

Other Ingredient:  
Wintergreen Oil

## KEEP OUT OF REACH OF CHILDREN CAUTION - PRECAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail).

Use only according to label instructions.  
Read the entire label before using this product.

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

### NOP

Ingredients in this product meet the requirements of the USDA National Organic Program

### First Aid

**IF IN EYES:** Flush with water for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a physician if irritation persists.

**IF ON SKIN:** Wash exposed area with plenty of soap and water for at least 15 minutes. Remove contaminated clothing. Get medical attention if irritation persists.

**IF INHALED:** Remove person to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

**IF SWALLOWED:** Rinse mouth out with water. Call a doctor or get medical attention as soon as possible. Do not induce vomiting. Do not give anything by mouth to an unconscious person. Avoid alcohol.

## PRECAUTIONARY STATEMENTS:

Hazards to Humans and Domestic Animals

### CAUTION

Avoid contact with eyes, skin, and clothing. Avoid breathing vapors or spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Persons applying this product must wear: Long sleeve shirts and long pants, shoes and socks, protective eyewear, chemical resistant gloves made of neoprene, nitrile or natural rubber.

### User Safety Recommendations

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing immediately if the product gets inside. Wash thoroughly and put on clean clothing. Remove PPE after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothes.

### Environmental Hazards

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below mean high water mark. Do not contaminate water by cleaning of equipment or disposal of wastes.

### Physical or Chemical Hazards

Do not use, pour, spill or store near heat or open flames. Store only in original container.

### DIRECTIONS FOR USE:

Only protected handlers may be in the application area. Do not apply this product in a way that will contact workers or other persons either directly or through drift. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Part #: 66420-AB



**OMRI**  
Listed  
Organic Materials Review Institute

**Agricultural Use Requirements**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses, and handlers of agricultural pesticides. It also contains specific instructions and exceptions pertaining to statements on this label about personal protective equipment (PPE). The requirements of this box only apply to uses of this product that are covered by the Worker Protection Standard.

No reentry interval.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and involves contact with anything treated such as plants or soil is: Long sleeved shirt, long pants, shoes and socks, chemical resistant gloves.

**GENERAL INFORMATION**

SPORAN™ is a broad spectrum, contact fungicide for agricultural crops. It controls diseases such as Botrytis Gray Mold (strawberries), Powdery Mildews (grapes, gerbera daisies), Phytophthora Late Blight (tomatoes), etc.

**Limited phytotoxicity testing has not shown plant damage when the product is used at recommended application rates. Before full-scale application, treat a small area and observe for plant damage.**

**Sporan™ is a concentrated oil-based product. It requires the use of an approved adjuvant to improve spreading and sticking. Sporan™ can be applied through most standard or field type sprayers after dilution and mixing with water in accordance with label instructions. For best results, spray coverage should be uniform and complete. Always read and follow label directions for adjuvants.**

**APPLICATION RATES**

Crops (Including but not limited to)	SPORAN™ Rate Per Acre	Minimum Spray Volume Per Acre
<b>Legume &amp; Fruiting Vegetables:</b> Beans, Eggplants, Lentils, Peanuts, Peas, Peppers, Tomatoes	0.75 - 1.5 Quarts	25 Gallons
<b>Bulb, Cole &amp; Leafy Vegetables:</b> Broccoli, Cabbage, Cauliflower, Celery, Garlic, Lettuce, Onions, Spinach	0.75 - 1.5 Quarts	25 Gallons
<b>Cucurbits:</b> Cantaloupes, Cucumbers, Melons, Squashes, Watermelons	0.75 - 1.5 Quarts	25 Gallons
<b>Root &amp; Tuber Vegetables:</b> Artichokes, Potatoes, Radishes, Sweet Potatoes, Turnips	0.75 - 1.5 Quarts	25 Gallons
<b>Small Fruits &amp; Berries:</b> Blackberries, Blueberries, Cranberries, Grapes, Raspberries, Strawberries	0.75 - 1.5 Quarts	50 Gallons
<b>Citrus, Pome &amp; Stone Fruits:</b> Apples, Apricots, Cherries, Grapefruits, Lemons, Oranges, Peaches, Pears	2 - 4 Quarts	100 Gallons
<b>Nuts:</b> Almonds, Cashews, Pecans, Pistachios, Walnuts	2 - 4 Quarts	100 Gallons

Preharvest Interval: SPORAN™ may be applied to crops at any time up to and including the day of harvest.

Use volume of water necessary for uniform and complete spray coverage of foliage.

Use lower rates for light to moderate infestations and higher rates for heavy infestations. Repeat application as required to maintain the desired level of control.

**Mixing and Application Instructions TO MAINTAIN A HOMOGENEOUS SPRAY MIXTURE, CONSTANT AGITATION OR RECIRCULATION IS REQUIRED.**

Apply spray solutions in properly maintained and calibrated equipment capable of delivering the desired volumes. **Always clean tank, pump and lines thoroughly with water after use.**

**Mixing**

Fill the mixing or spray tank to 3/4 the required amount of water and start the recirculation or agitation system. Add the desired amount of SPORAN™ and adjuvant, and the remaining amount of water and allow to mix thoroughly. By-pass and return lines should be installed at the bottom of the tank. Constant agitation is required for best results. **The addition of an approved adjuvant is required to improve spreading and sticking.**

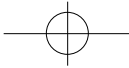
**Application Equipment and Techniques**

Spray droplet size should be adjusted to minimize drift and allow application to the intended exposure area only.

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

**Boom Equipment**

For best control using hydraulic or hydraulic air assist equipment, use the recommended rate of this product in a minimum of 25 gallons of spray solution per acre as a broadcast spray. Spray should thoroughly wet foliage but not run off.



**Hand-held and High Volume Equipment**

Spray-to-wet applications of this product may be made with knapsack and backpack sprayers, pump-up pressure sprayers, hand-guns, hand wands, and other hand-held spray equipment and vehicle mounted high volume spray equipment. For the most efficient use of spray mixture, spray all leaf surfaces uniformly and completely to wetness.

**IMPORTANT:**

Coverage is very important. The more complete the application of the spray solution is to the foliage, the better the product will perform. For best results apply in early morning, late afternoon or night.

The spray mixture must be constantly agitated to maintain homogeneity. Inconsistent results will occur if the spray mix is allowed to separate.

**Storage and Disposal**

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

**Storage:** Keep container tightly closed when not in use. Store only in the original container in a cool dry place away from children and pets.

**Container Disposal:** Do not reuse empty container. Triple rinse empty container then puncture and dispose of container in a sanitary landfill, or incinerator, or if allowed by state and local regulations, by burning. If burned, stay out of smoke. Triple rinsed containers may be offered for recycling.

**Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on-site or at an appropriate waste disposal facility.

**LIMIT OF WARRANTY AND LIABILITY:**

EcolPM, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes set forth in the Complete Directions for Use ("Directions") when used in accordance with those Directions under the conditions described therein. NO OTHER EXPRESS WARRANTY OR IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY IS MADE. This warranty is also subject to the conditions and limitations stated herein.

Buyer and all users shall promptly notify EcolPM, Inc. of any claims whether based in contract, negligence, strict liability, other tort or otherwise.

Buyer and all users are responsible for all loss or damage from use or handling which results from conditions beyond the control of EcolPM, Inc., including, but not limited to, incompatibility with other products other than those set forth in Directions, unusual weather, weather conditions which are outside the range considered normal at the application site and for the time periods when the product is applied, as well as weather conditions which are outside the applications ranges set forth in the Directions, application in any manner not explicitly set forth in the Directions, moisture conditions outside the moisture range specified in Directions, or the presence of products other than those set forth in the Directions in or on the soil, crop, or treated vegetation.

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