

SANDOFAN® 31F FUNGICIDE

ADD 28 1995

A seed treatment chemical for control & suppression
of seed rot and damping off diseases of certain crops.

55947-113

ACTIVE INGREDIENT:

Oxadixyl {2-methoxy-N-(2,oxo-1,3-oxazolidin-3-yl)-acet-2',6'-xylidide}.....29.5%

INERT INGREDIENTS:.....70.5%

TOTAL.....100.0%

Contains 2.66 pounds oxadixyl per gallon.

EPA Reg. No. 55947-113

EPA Est. No.

NET CONTENTS: 2-1/2 U.S. Gallons

KEEP OUT OF REACH OF CHILDREN

CAUTION

**SEE SIDE PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENTS**

Sandoz Agro, Inc.
1300 East Touhy Avenue
Des Plaines, Illinois 60018

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**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

Harmful if swallowed, inhaled or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Avoid breathing vapor or mist.

FIRST AID

- IF SWALLOWED:** Call a physician or poison control center. Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.
- IF INHALED:** Remove victim to fresh air. If not breathing give artificial respiration, preferably mouth to mouth. Get medical attention.
- IF ON SKIN:** Wash with plenty of soap and water. Get medical attention.
- IF IN EYES:** Flush with plenty of water. Call a physician if irritation persists.

PERSONAL PROTECTIVE EQUIPMENT:

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category E on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- long-sleeved shirt and long pants
- chemical-resistant gloves, such as barrier laminate, nitrile rubber, neoprene rubber or Viton
- shoes and socks

Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS:

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

ENVIRONMENTAL HAZARDS

Do not contaminate water when disposing of equipment washwaters. Apply only as specified on this label. Do not apply directly to water, or areas where surface water is present or to intertidal areas below the mean high water mark. Cover or incorporate spilled treated seeds.

STORAGE AND DISPOSAL

STORAGE:

Do not use or store near heat or open flame.

PESTICIDE DISPOSAL:

Do not contaminate water, food or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL:

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or indirectly through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

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 contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are not covered by the Worker Protection Standard. Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours. Exception: if the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated. PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls, chemical-resistant gloves, such as barrier laminate or nitrile rubber or neoprene rubber or Viton, and shoes plus socks.

RECOMMENDATIONS FOR USE AS AN ON FARM SEED TREATMENT

SANDOFAN 31F Fungicide may be applied as a water-based slurry using mechanical on farm seed treatment equipment or in combination with hopper-box applied liquid seed treatments. Apply evenly over the surface of the seed at the rates listed below.

RECOMMENDATIONS FOR USE AS A COMMERCIAL SEED TREATMENT

SANDOFAN 31F Fungicide may be applied as a water-based slurry with other registered seed treatment fungicides and/or insecticides through standard slurry or mist-type commercial seed treatment equipment using the rates listed.

FAILURE TO FOLLOW DIRECTIONS ON THIS LABEL MAY RESULT IN CROP INJURY OR POOR DISEASE CONTROL.

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

NOTE: SANDOFAN 31F Fungicide is a systemic fungicide having a specific mode of action which could be subject to development of resistant strains of fungi. Development of resistance cannot be predicted, therefore, Sandoz Agro, Inc. cannot assume liability for crop damage resulting from resistant strains of fungi. Consult with your State Agricultural Experiment Station or Extension Service for guidance and ways to control any possible resistant strains of fungi which may occur.

SANDOFAN 31F is a systemic fungicide seed dressing specifically for control of *Pythium* and suppression of *Phytophthora spp.* For control of other soilborne diseases, such as *Rhizoctonia spp.*, SANDOFAN 31F should be applied in combination with other registered seed dressing fungicides. Use the higher rate when conditions of heavy disease pressure are expected.

<u>Fruiting Vegetables:</u> Cantaloupes, cucumbers, eggplant, gourds, melons, peppers (including chili sweet, bell and pimentos), pumpkins, summer squash, tomatoes, watermelons and winter squash.	For <i>Pythium</i> damping-off; Apply SANDOFAN 31F as a seed treatment at the rate of 1.50 fluid ounces per 100 lbs. of seed.
<u>Leafy Vegetables:</u> Broccoli, brussels sprouts, cabbage, cauliflower, celery, collards, kale, kohlrabi, lettuce, mustard, parsley, rape, rhubarb and spinach.	For <i>Pythium</i> damping off; Apply SANDOFAN 31F as a seed treatment at the rate of 1.50 fluid ounces per 100 lbs. of seed.
<u>Soybeans, Peas:</u>	For <i>Pythium</i> damping off and early season <i>Phytophthora</i> control; Apply SANDOFAN 31F as a seed treatment at the rate of 1.50-2.25 fluid ounces per 100 lbs. of seed.
<u>Cotton (acid delinted, delinted mechanically):</u>	For <i>Pythium</i> seed rot and damping off; Apply SANDOFAN 31F as a seed treatment at the rate of 0.75-1.50 fluid ounces per 100 lbs. of seed.
<u>Sunflower:</u>	For <i>Pythium</i> seed rot and damping off; Apply SANDOFAN 31F as a seed treatment at the rate of 0.75-1.50 fluid ounces per 100 lbs. of seed. For suppression of early season systemic Downy Mildew, apply at the rate of 3.0 fluid ounces per 100 lbs. of seed.
<u>Root and Tuber Vegetables:</u> Beets, carrots, parsnip, radish, rutabagas, sugar beets and turnip.	For control of <i>Pythium</i> damping off. Apply SANDOFAN 31F as a seed treatment at the rate of 1.50 fluid ounces per 100 lbs. of seed.
<u>Grain Crops (except wheat):</u> Barley, buckwheat, corn (field, sweet and popcorn), millet, oats, rye, sorghum, and triticale.	For control of <i>Pythium</i> damping off; Apply SANDOFAN 31F as a seed treatment at the rate of 0.75-1.50 fluid ounces per 100 lbs. of seed.
<u>Turf Grasses:</u>	For <i>Pythium</i> damping off on golf courses and home lawns; Apply SANDOFAN 31F as a seed treatment at the rate of 0.75-1.50 fluid ounces per 100 lbs. of seed.

<u>Forage Grasses:</u>	For <i>Pythium</i> damping off control; Apply SANDOFAN 31F as a seed treatment at the rate of 0.75-1.50 fluid ounces per 100 lbs. of seed.
<u>Forage Legumes:</u> Alfalfa, clover, lespedeza, lupines, trefoil, vetch and velvet beans.	For control of <i>Pythium</i> damping off and early season <i>Phytophthora</i> suppression; Apply SANDOFAN 31F as a seed treatment at the rate of 0.75-1.50 fluid ounces per 100 lbs. of seed.

Treatment of highly mechanically damaged seed, or seed of known low vigor and poor quality, except for the purposes of curative control of existing disease or insect pests, may result in reduced germination and/or reduction of seed and seedling vigor. Treat and conduct germination tests on a small portion of seed before committing the total seed lot to a selected chemical treatment. Due to seed quality conditions beyond the control of Sandoz Agro, Inc. no claims are made to guarantee germination of carry-over seed.

USE RESTRICTIONS

Do not use treated seed for food, feed or oil purposes. All seed treated with this product must be colored with an EPA approved dye (e.g., those listed in 40 CFR 180.1001) which imparts an unnatural color to the seed.

Rotational Crop Restrictions: Do not plant crops which are not registered for use with oxadixyl in fields planted with oxadixyl-treated seed within one year of planting.

NOTE: Federal Law requires that bags containing treated seeds shall be labeled with the following information: "This seed has been treated with Oxadixyl Fungicide. Do not use treated seed for feed, food or oil purposes. Store away from feeds and food stuffs."

LIMITATION OF WARRANTY AND LIMITATION OF LIABILITY

NOTICE: Read this Limitation of Warranty and Limitation of Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Sandoz or seller. All such risks shall be assumed by buyer or user.

*Sandoz warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, under normal use conditions, subject to the risks described above. **SANDOZ MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OF MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.***

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