



241-411

8-29-2002

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Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 2-28-95



United States
Environmental Protection Agency
Washington, DC 20460

Registration
 Amendment
 Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 241-411	2. EPA Product Manager M. Waller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Stature Fungicide	PM# Team 21	
5. Name and Address of Applicant (Include ZIP Code) BASF Corporation 26 Davis Drive, P.O. Box 13528 Research Triangle Park, NC 27709-3528 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input checked="" type="checkbox"/> Final printed labels in response to Agency letter dated <u>March 8, 2002</u>	NOTIFICATION
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.	
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.	

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification of minor label changes and final print label as per PR Notice 98-10. This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46 and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Section 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	If "Yes" Package wgt		Metal Plastic Glass Paper Other (Specify) _____
* Certification must be submitted		No. per container	No. per container		
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/>	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Jeffrey S. Barnes	Title Registration Scientist	Telephone No. (Include Area Code) 919-547-2317
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Registration Scientist	
4. Typed Name Jeffrey S. Barnes	5. Date 8/14/2002	

Stature[®]

fungicide

WETTABLE POWDER

**FOR USE ON ORNAMENTAL CROPS GROWN IN
COMMERCIAL GREENHOUSES, LATH AND SHADEHOUSES,
AND IN FIELD OR CONTAINERS OUTDOORS**

ACTIVE INGREDIENTS:

dimethomorph.	9.0%
mancozeb	60.0%

INERT INGREDIENTS 31.0%

TOTAL 100.0%

U.S. Patent No. 5,952,496 and Re. 35,985
EPA Reg. No. 241-411

EPA Est. No. 5905-GA-01

NOTIFICATION
AUG 29 2002

**KEEP OUT OF REACH OF CHILDREN
CAUTION/PRECAUCION**

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

See Inside for **Additional Precautionary Statements** and **Directions for Use**

Net Contents: 3.5 lbs.

FIRST AID	
If swallowed	<ul style="list-style-type: none"> • Call poison control center or doctor 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 the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If on skin or clothing	<ul style="list-style-type: none"> • 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.
If in eyes	<ul style="list-style-type: none"> • 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.
HOT LINE NUMBER	
<p>Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact BASF Corporation for emergency medical treatment information: 1-800-832-HELP (4357)</p>	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS (AND DOMESTIC ANIMALS)

CAUTION. Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Do not breathe dust or spray mist. Avoid contact with skin, eyes and clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

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

Applicators and other handlers (other than mixers or loaders) must wear:

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks

Mixers and Loaders must wear:

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks
- Protective eyewear
- Chemical-resistant apron when cleaning equipment, mixing or loading

Discard clothing and 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 and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural

pesticides [40 CFR 170.240(d) (4-6)], the handlers PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations:
<p>Users should:</p> <ul style="list-style-type: none"> • Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. • Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not apply directly to water, 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 or disposing of wastes.

DIRECTIONS FOR USE

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

Carefully read and understand the Directions for Use and restrictions before applying this product.

THIS LABEL MUST BE IN THE POSSESSION OF THE USER AT THE TIME OF FUNGICIDE APPLICATION.

DO NOT use on plants for food or feed purposes.

DO NOT apply this product through any type of irrigation system.

DO NOT apply this product in a way that will contact workers or other persons, either directly or 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 covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours.

PPE requirements 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 over long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks

STORAGE AND DISPOSAL:

DO NOT contaminate water, food or feed by storage or disposal.

Storage: Store in a cool, well-ventilated area. DO NOT allow to become overheated in storage. Keep container closed when not in use.

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

Container Disposal: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

GENERAL INFORMATION

STATURE is a 69% wettable powder (WP) fungicide used for the control of a broad spectrum of diseases on ornamental plants grown in greenhouses, lath and shadehouses, and in field or containers outdoors. STATURE is a broad-spectrum fungicide to be used in a preventative spray program. Consult the Use Direction Table.

STATURE must be used in accordance with this label. STATURE has a different mode of action than other fungicide chemical classes. It can be used in disease management programs where fungicide rotation is emphasized to help prevent the development of resistance.

Carefully read, understand, and follow all directions and precautions.

Disease pressure and environmental conditions will determine the length of the spray interval. Sprayers should be properly calibrated before application.

RESISTANCE MANAGEMENT: STATURE is a broad-spectrum protectant fungicide. If not applied on a routine protectant spray schedule, crops should be examined on a weekly basis. Fungicide application should be made, at the recommended label use rate and spray schedule, at the first sign of disease, or during environmental conditions favorable for disease development. Resistance management strategies advise not to apply at rates lower than recommended on the label.

COMPATIBILITY OF MIXTURES: The tank-mixing behavior of this fungicide with other pesticides has not been fully investigated. This product is believed to be compatible with most commonly used fungicides, insecticides, micronutrients, growth regulators, and spray adjuvants. Consult specific product labels for additional information. It is always advisable to conduct a tank compatibility test when you plan to mix this product with other products. To determine the physical compatibility of this with other products, use a jar test. Using a quart jar, add the proportionate amounts of the products to approximately one quart of water with agitation. Add dry formulations first, then flowables, then emulsifiable concentrates last. After thorough mixing, allow this mixture to stand for 5 minutes. Look for signs of separation, globules, sludge, flakes or other precipitates. DO NOT tank mix with the other pesticides if the jar test with STATURE has indicated incompatibility.

PREPARATION OF SPRAY SOLUTION: Read COMPATIBILITY OF MIXTURES section prior to any tank mixing with this product. Fill the spray tank until it is approximately 1/2 full with clean water. Add STATURE to the spray tank while agitating. Agitation must be engaged prior to the addition of the product to obtain a complete and uniform mixture of STATURE. Add other fungicides, insecticides, growth regulators, micronutrients, and spray adjuvants after STATURE has been placed in suspension. Once mixing is complete, add water to desired volume. When preparing spray solutions for use in a hand sprayer, premix as a slurry in a small container, and then add to sprayer containing 1/3 to 1/2 the desired final water volume and agitate. Once mixing is complete, add water to desired volume. Please refer to the following table when mixing spray solutions.

Mixing Spray Solutions of STATURE

Spray Volume	Pounds of Formulated Product	Ounces of Formulated Product	Grams of Formulated Product
100	1.75	28	794
10	0.175	2.8	79
5	0.09	1.4	40

APPLICATION: Carefully read, understand, and follow all directions and precautions.

Disease pressure and environmental conditions will determine the length of the application interval. Under severe or threatening disease conditions, the minimum interval should be used.

For proper application, determine the number of square feet to be treated and the gallonage to be applied per 1000 square feet. Prepare only the amount of spray solution required to treat the measured area. Careful calibration of spray equipment is recommended prior to use. If you have questions about calibration, you should contact State Extension Service Specialist or Horticultural Consultant, equipment manufacturers or other experts.

Spray Interval: Begin spraying STATURE when plants are well established or at first sign of disease, in a full coverage spray at 7-10 day intervals throughout the production cycle. Disease pressure and environmental conditions determine spray intervals. Applications should begin prior to the onset of disease infection. Apply STATURE fungicide to insure spray runoff.

Maximum Use Rates: DO NOT exceed 2.25 lbs/acre/application and no more than 11.25 total lbs/acre in any one season.

OUTDOOR-GROWN AND GREENHOUSE GROWN ORNAMENTALS

Use Rate: For use on ornamentals grown in greenhouses, lath and shadehouses, and those grown in the field or containers, apply the equivalent of 1.75 lbs. STATURE fungicide per 100 gallons of dilute spray. Consult the dilution table above for product use in smaller volumes. Thoroughly spray plant foliage until runoff.

Neither the manufacturer nor the seller has determined the effects of using STATURE fungicide on all ornamental species and cultivars. For this reason, it is recommended that prior to any large-scale application on such plants, the user should determine the effects of STATURE fungicide by testing a small section of the type of plants to be treated. User assumes all risks arising out of application to unlabeled plants. The DISCLAIMER applies to all uses.

ORNAMENTALS RECOMMENDED FOR TREATMENT WITH STATURE INCLUDE CROPS, SUCH AS BUT NOT LIMITED TO:

Flowering Annual and Perennial Plants and Bulbs:

- African violet^a (1,2,4,6)
- Ageratum (2)
- Alyssum (1)
- Anemone (1,5)
- Artemisia (1)
- Aster, perennial (1,2,5)
- Calla lily^b (2,3,4)
- Begonia (2,5)
- Black-eyed Susan (*Rudbeckia*) (1,2)
- Bleedingheart (2)
- Bluebells (*Campanula*) (5)
- Butterfly flower (2)
- Carnation (1,2,5)
- Centaurea (1)
- Christmas and Thanksgiving cactus^a (2,4)
- Chrysanthemum^c (2,3,5)
- Cineraria (2)
- Columbine (2,5)
- Coral bells (*Heuchera*) (2)
- Coreopsis (2)
- Cyclamen (2)
- Dahlia (2)
- Delphinium (2)
- Dianthus (1,5)
- Dusty miller (2)
- Fuchsia (2,5)
- Gardenia (2)
- Geranium (1,2,5)
- Gerbera daisy (1,2)
- Geum (1)
- Gladiolus^d (2)

- Gloxinia (2)
- Hydrangea (2)
- Impatiens (1)
- Iris (2,5)
- Jerusalem cherry (2)
- Kalanchoe (2)
- Lily (2)
- Lisianthus (1,2)
- Lupine (*Lupinus*) (1)
- Marigold^e (2)
- Miniature Rose^a (1,2,4,5)
- Monkey flower (*Mimulus* sp.) (1)
- Narcissus (2)
- Orchid (2)
- Pepper, ornamental (1,2)
- Pansy^a (1,2,4,5,6)
- Petunia (2)
- Phlox (1,2)
- Poinsettia (2,4,5)
- Polyanthus (2)
- Potentilla (1)
- Primrose (1,5)
- Ranunculus (1,2,5)
- Rose (cut or potted) (1,2,4,5)
- Scabiosa (1)
- Snapdragon^a (1,4,6)
- Statice (*Limonium*) (1,2)
- Stock (1)
- Sunflower (1)
- Tulip (2)
- Verbena (2)
- Veronica (Speedwell) (1)
- Viola^a (1,2,4,6)
- Vinca^a (Periwinkle) (2,4,6)
- Zinnia (2)

Foliage Plants:

- African violet^a (1,2,4)
- Alaria^a (2,4)
- Aloe vera^a (2,4)
- Anthurium (2)
- Chinese evergreen (*Aglaonema* spp.) (2)
- Christmas and Thanksgiving cactus^a (2,4)
- Cordyline (Ti plant)^a (2,4)
- Croton (2)
- Dieffenbachia^a (2,4)
- Dracaena^a (2,4)
- English ivy^a (4)
- Fern (2)
- Ficus (2)
- Grape ivy, Kangaroo vine (*Cissus* spp.)^a (1,2,4)
- Hibiscus (2)
- Hosta (2)
- Lady palm (2)
- Lipstick vine (2)
- Myrtle (2)
- Orchid (2)
- Peperomia^a (2,4)
- Philodendron^a (2,4)
- Pilea^a (4)
- Rattlesnake plant (*Calanthe* spp.) (2)
- Schefflera^a (2,4)
- Spathiphyllum^a (4)
- Syngonium (2)
- Tailflower (*Anthurium* spp.) (2)
- Wax plant (*Hoya* spp.) (2)
- Venus flytrap (2)
- Yucca (2)
- Zebra plant (*Aphelandra*) (2)

Woody Ornamentals (Shrubs and Trees):

- Arborvitae (2)
- Ash (2)
- Aspen (2,4)
- Azalea^b (2,3,4)
- Birch (2,4,7)
- Bottlebrush (4)
- Buffaloberry^f (2)
- Camellia^b (3)
- Cedar (2)
- Conifers^g (2,4,5,8)
- Crabapple (ornamental) (2,4,5)
- Cypress (2,9)
- Dogwood, flowering^h (2)
- Elm (2)
- Eucalyptus (2,4)
- Fatsia (2,5)
- Filbert^f (2)
- Fir^g (2,4,8)
- Firethorn (*Pyracantha*) (2)
- Gardenia (2)
- Gold dust tree (*Aucuba japonica*) (2)
- Hawthorn (2,4,5)
- Hebe (1,2)
- Hickory^f (2)
- Holly (2,4)
- Hollyhock (2,5)
- Honeysuckle (2)
- Horsechestnut, Buckeye (2)
- Indian rubber tree (2)
- Juniper (2)
- Laurel, mountain^b (2,3)
- Lavender (2)
- Ligustrum (2)

ORNAMENTALS RECOMMENDED FOR TREATMENT WITH STATURE INCLUDE CROPS, SUCH AS BUT NOT LIMITED TO (con't):

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Woody Ornamentals (Shrubs and Trees):

Lilac (2,4)
Linden (2)
Locust (2)
Magnolia (2)
Mahogany (2)

Maple^{d1} (2)
Oak (2,7)
Oleander (2)
Osage orange (2)
Palms (2)
Peony (2,3)
Photinia (2)

Pine (2,4)
Pleomele (2)
Poplar (2)
Redbud (2,4)
Redwood (2)
Rhododendron^b (2,4,5)

Sequoia (2)
Skunkbush (2,3)
Sumac (*Viburnum*) (1)
Sweet Gum (4)
Tulip Tree (2,4)
Walnut^f (2,4)

^aFor suppression of aerial Phytophthora and control of certain crown and root rots listed below, apply a directed spray (srench) to stem and crown of plants prior to visible disease symptoms and continue preventative applications on a 5-7 day spray interval.

^bApply in full coverage spray, 2 to 3 times per week, while flowers are opening. Direct spray into flowers and thoroughly drench the soil.

^cApply twice weekly during blooming period.

^dMake regular weekly applications starting before diseases appear and increase to 2 or 3 applications per week during periods of heavy disease and during rainy weather. On flower spikes, reduce spray concentrations to 1 lb. per 100 gals.

^eDO NOT USE on French dwarf double or Signet-type marigold seedlings.

^fDO NOT USE fruit for food or feed purposes. DO NOT USE ON SUGAR MAPLES INTENDED FOR THE PRODUCTION OF MAPLE SYRUP.

^gBegin applications in spring or early summer before infection occurs. Repeat after heavy rains and at two-week intervals as long as needed.

^hApply when buds begin to open, when bracts have fallen, 4 weeks later and again in late summer after flower buds for next season have formed.

ⁱApply in early spring and early fall, drenching soil around plants as well as the foliage. Promptly destroy all infected plant parts.

DISEASES CONTROLLED WITH STATURE

Apply as directed above unless otherwise noted.

1. Downy mildew diseases caused by:

<i>Bremia</i>	<i>Pseudoperonospora</i>	<i>Peronospora</i>	<i>Plasmopara</i>
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2. Leaf Spots/Foliar Blights:

Actinopelte leaf spot	Curvularia leaf spot	Fusarium leaf spot	Phytophthora leaf spot
Alternaria leaf spot/blight	Cylindrosporium leaf spot	Gloesporium leaf spot	Purple spot
Anthracnose	Dactylaria leaf spot	Guignardia leaf spot	Ramularia leaf spot
Ascochyta blight	Didymellina leaf spot	Herpobasidium blight	Scirrhia brown spot
Black leaf spot	Elsinoe leaf spot	Leptosphaeria brown spot	Septoria leaf spot
Botrytis blight	Entomosporium leaf spot	Mystrosporium ink spot	Smoulder
Cercospora leaf spot/blight/frogeye	Frabraea leaf spot	Phomopsis blight	Sphaeropsis
	Frogeye leaf spot	Phyllosticta leaf spot	

3. Flower Spots/Blights:

Botrytis petal spot	Botrytis blossom blight	Petal blight
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4. Stem and Crown Rots*:

Cylindrocladium root rot	Aerial Phytophthora crown rot and stem blight
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5. Scab diseases caused by:

<i>Cladosporium</i>	<i>Fusicladium</i>	<i>Sphaceloma</i>	<i>Venturia</i>
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6. Rust diseases caused by:

<i>Cronartium</i>	<i>Melampsora</i>	<i>Pucciniastrum</i>	<i>Puccinia</i>
<i>Endocronatium</i>	<i>Melampsoridium</i>	<i>hydrangeae</i>	<i>Uromyces</i>
<i>Gymnosporangium</i>	<i>Phragmidium</i>		

7. Taphrina Leaf Blister

8. Needle Cast of Conifers caused by:

<i>Cyclaneusma</i>	<i>Lophodermium</i>	<i>Rhabdochloa</i>	<i>Scirrhia</i>
<i>Hypoderma</i>	<i>Naemacyclus</i>	<i>Rhizosphaera</i>	<i>Sphaeropsis</i>
<i>Ismiella</i>	<i>Pestalotia</i>		

9. Monochaetia canker

*For suppression of aerial Phytophthora and control of certain crown and root rots listed below, apply a directed spray (srench) to stem and crown of plants prior to visible disease symptoms and continue preventative applications on a 5-7 day spray interval.

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DISCLAIMER

The label instructions for the use of this product reflect the opinion of experts based on research and field use. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with 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 use of, or application of the product contrary to label instructions, all of which are beyond the control of BASF Corporation. All such risks shall be assumed by the user.

BASF shall not be responsible for losses or damages resulting from use of this product in any manner not set forth on this label. User assumes all risks associated with the use of this product in any manner not specifically set forth on this label.

BASF warrants only that the material contained herein conforms to the chemical description on the label and is reasonably fit for the use therein described when used in accordance with the directions for use, subject to the risks referred to above.

BASF DOES NOT MAKE OR AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTIES, EXPRESS OR IMPLIED AND EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

BUYER'S EXCLUSIVE REMEDY AND BASF'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF STATURE fungicide. In no case shall BASF or the seller be liable for consequential, special or indirect damages resulting from the use or handling of this product.

ATTENTION: This product contains mancozeb and ETU, chemicals known to the State of California to cause cancer. ETU is also known to the State of California to cause birth defects or other reproductive harm.

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