

7969-266

3/15/2011

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**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
WASHINGTON, DC 20460

OFFICE OF  
CHEMICAL SAFETY AND  
POLLUTION PREVENTION

Charlotte A. Sanson  
Product Registration Manager  
BASF Corporation  
26 Davis Drive  
Research Triangle Park, NC 27709

**MAR 15 2011**

Subject: Stamina Fungicide Seed Treatment  
EPA Reg. No. 7969-266  
Decision # 434155  
PRIA Amendment dated May 24, 2010

Dear Ms. Sanson:

The amended Master Label and Supplemental label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act as amended, to revise the use directions and application rates for sweet corn, cotton, sorghum, sugar beet, and sunflower, are acceptable. One copy of the Master Label and Supplemental label stamped "Accepted" are enclosed for your records. This Master Label incorporates all the accepted changes on the Supplemental label and supersedes Master Label labels previously accepted for this product. Please submit one copy of the final printed labels before the product is released for shipment.

If you have any questions, please contact Tawanda Maignan by phone at (703) 308-8050 or via email at [Maignan.Tawanda@epa.gov](mailto:Maignan.Tawanda@epa.gov).

Sincerely,

A handwritten signature in black ink that reads "Tony Kish".

Tony Kish  
Product Manager (22)  
Fungicide Branch  
Registration Division (7504P)



The Chemical Company

Group 11 Fungicide

ACCEPTED MAR 15 2011 Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 7969-266



# Stamina

## Fungicide Seed Treatment

A seed treatment for disease control and plant health in the following crops: alfalfa, barley, brassica vegetables, bulb vegetables, corn, cotton, cucurbits, dried shelled peas and beans, edible podded legume vegetables, fruiting vegetables, leafy vegetables, leaves of root and tuber vegetables, oats, peanut, rapeseed, root vegetables, rye, sorghum, soybean, succulent shelled peas and beans, sugar beet, sunflower, tuberous and corm vegetables, and wheat

**Active Ingredient\*:**

pyraclostrobin: (carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy)methyl]phenyl]methoxy-, methyl ester) . . . . . 18.4%

**Other Ingredients:** . . . . . 81.6%

**Total:** . . . . . 100.0%

\*Equivalent to 1.67 pounds of pyraclostrobin per gallon.

EPA Reg. No. 7969-266

EPA Est. No.

**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 complete **First Aid, Precautionary Statements, Directions For Use, Conditions of Sale and Warranty,** and state-specific crop and/or use site restrictions.

**In case of an emergency endangering life or property involving this product, call day or night 1-800-832-HELP (4357).**

**Net Contents:**

BASF Corporation  
26 Davis Drive, Research Triangle Park, NC 27709

### FIRST AID

<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• <b>DO NOT</b> induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• <b>DO NOT</b> give anything by mouth to an unconscious person.</li> </ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15 to 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes.</li> <li>• Remove contact lenses, if present, after first 5 minutes; then continue rinsing eyes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance; then give artificial respiration, preferably by mouth to mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>

### HOTLINE NUMBER

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).

### Precautionary Statements

#### Hazards to Humans and Domestic Animals

**CAUTION:** Harmful if swallowed. Avoid contact with skin or clothing.

#### Personal Protective Equipment (PPE)

Some materials that are chemically resistant to this product are listed below. For more options, refer to **Category A** on an EPA chemical-resistance category selection chart.

#### Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material (such as nitrile, butyl, neoprene and/or barrier laminate)
- Shoes plus socks
- Applicators and other handlers of tuberous and corn vegetable seed pieces must wear: coveralls (all day, including during clean-up), chemical-resistant gloves made of any waterproof material, shoes plus socks, and a dust/mist respirator with PF10.
- Handlers involved in multiple commercial seed treatment activities must wear: a dust/mist respirator with MSHA/NIOSH approval number prefix TC-21 or any N,R,P, or HE filter.

Follow the manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables exist, 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.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- 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 product is toxic to fish and aquatic invertebrates. **DO NOT** discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. **DO NOT** discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or the regional office of the EPA. **DO NOT** contaminate water when disposing of equipment washwaters.

### 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. 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.

**STORAGE AND DISPOSAL**

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

**Pesticide Storage**

Store in original containers only. Keep container closed when not in use. **DO NOT** store near food or feed.

**Pesticide Disposal**

Wastes resulting from using this product may be disposed of on-site or at an approved waste disposal facility. If these wastes cannot be disposed of according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**Container Handling**

**Nonrefillable Container. DO NOT** reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying; then offer for recycling, if available, or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

**Triple rinse containers small enough to shake (capacity ≤ 5 gallons) as follows:** Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank, or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

**Triple rinse containers too large to shake (capacity > 5 gallons) as follows:** Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. 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 this procedure two more times.

**Pressure rinse as follows:** Empty the remaining contents into application equipment or mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank, or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

*(continued)*

**STORAGE AND DISPOSAL (continued)**

**Container Handling (continued)**

**Refillable Container.** Refill this container with pesticide only. **DO NOT** reuse this container for any other purpose. Triple rinsing the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller.

**Triple rinse as follows:** To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

When this container is empty, replace the cap and seal all openings that have been opened during use; return the container to the point of purchase or to a designated location. This container must only be refilled with a pesticide product. Prior to refilling, inspect carefully for damage such as cracks, punctures; abrasions, worn-out threads and closure devices. Check for leaks after refilling and before transport. **DO NOT** transport if this container is damaged or leaking. If the container is damaged, or leaking, or obsolete and not returned to the point of purchase or to a designated location, triple rinse emptied container and offer for recycling, if available, or dispose of container in compliance with state and local regulations.

**In Case of Emergency**

In case of large-scale spillage regarding this product, call:

- CHEMTREC 1-800-424-9300
- BASF Corporation 1-800-832-HELP (4357)

In case of medical emergency regarding this product, call:

- Your local doctor for immediate treatment
- Your local poison control center (hospital)
- BASF Corporation 1-800-832-HELP (4357)

**Steps to be taken in case this material is released or spilled:**

- In case of spill on floor or paved surfaces, mop and remove to chemical waste storage area until proper disposal can be made if product cannot be used according to label.
- Dike and contain spill with inert material (sand, earth, etc.) and transfer liquid and solid diking material to separate containers for disposal.
- Remove contaminated clothing and wash affected skin areas with soap and water.
- Wash clothing before reuse.
- Keep spill out of all sewers and open bodies of water.

## Product Information

**Stamina® fungicide seed treatment** is a broad-spectrum fungicide that provides preventive seed and seedling protection from several seed and soilborne diseases, resulting in improved plant health. Seed treatment applications with **Stamina** have been associated with more rapid and increased emergence of seedlings under certain cold conditions. Make all applications according to the use directions in this label. Use the higher rates of **Stamina** when disease pressure is expected to be high.

Information regarding the contents and levels of metals in this product is available on the Internet at: <http://www.aapfco.org/metals.htm>.

## Resistance Management

The active ingredient in **Stamina**, pyraclostrobin, belongs to the group of respiration inhibitors classified by the EPA as **Quinone Outside Inhibitors (QoI)** or **target site of action Group 11** fungicides. Due to the minimal amounts of **Stamina** applied to the seed that relocate to the upper parts of the plant, the potential for development of resistance is extremely low. Seed treatments of **Stamina** can, therefore, be followed by foliar use and resistance management guidelines of foliar use fungicides containing pyraclostrobin (**Cabrio® EG fungicide**, **Headline® fungicide**, or **Pristine® fungicide**) as specified on the respective labels.

## Application Instructions

**Stamina** can be used in both commercial seed treatment facilities and on-farm systems.

Apply **Stamina** as a water-based mixture using standard slurry or mist-type seed treatment application equipment. The exact amount of water needed to provide the mixture or slurry rate (ml/100 kg or oz/cwt of seed) for optimum coverage is difficult to predict because weather conditions, hot or cold, seed type and surface, and equipment used all have a bearing on coverage. Consult a seed treatment specialist regarding slurry rates recommended for the crop seed to be treated with **Stamina**. The required amount of **Stamina** must then be diluted with the specified amount of water that will provide uniform and complete coverage on the seed surface. Uniform application on seed and complete seed coverage are necessary for seed safety and optimal disease protection.

Seed must be of a good quality and well cleaned prior to treatment. The purchaser of **Stamina** is responsible for ensuring that all seed treated with this product are adequately dyed with a suitable color to prevent accidental use as food for man or feed for animals. Refer to 21CFR, Part 2.25. Use an EPA-approved dye or colorant that imparts an unnatural color to the seed. Any dye or colorant added to treated seed must be cleared for use under 40CFR, Part 180.900, "**Exemptions from the requirement of a tolerance**". Federal regulations have established official tolerances or exemptions from tolerances for residues on food and forage crops that must not

be exceeded when the product (dye or colorant) is used at specified rates.

Consult a seed treatment specialist for calibration and operation procedures of the seed treatment equipment being used. Mechanical agitation is required for proper mixing of **Stamina**. Prepare no more mixture of **Stamina** than is needed for immediate treating. Add 3/4 of the required volume of water to the mix tank. With agitation running, add the required amount of **Stamina** in the tank along with other seed treatment components. Add the remaining 1/4 amount of the required volume of water. Use the mixing sequence that follows. Agitate thoroughly before and during application.

## Stamina With Tank Mix Partners

**Stamina** mixes easily with water and other water-based seed treatments manufactured by BASF Corporation. When using **Stamina** in a tank mixture with other seed treatment products, observe all directions for use, crops/sites, use rates, dilution ratios, precautions, and limitations that appear on the tank mix partner label. Label dosage or application rate must not be exceeded, and the most restrictive label precautions and limitations must be followed. **Stamina** must not be mixed with any product that prohibits such mixing. All applications must be made according to the use directions.

When mixing **Stamina** with products from other manufacturers, test the compatibility prior to use by conducting a jar test as follows:

1. Mix all intended seed treatments with the appropriate amount of water in a clear glass container.
2. Mix well and allow to sit for one hour.
3. Remix and observe for incompatibility.

Physical compatibility is only part of compatibility. Testing also needs to be done with the seed to make sure the combination of products does not have detrimental effects on the seed.

## Tank Mixing Instructions

1. Add 3/4 of the required amount of water to the mix tank and turn on the agitation. Mechanical agitation is preferred.
2. Use the following mixing sequence: dye or colorant, wettable powders, soluble powders, flowable formulations, emulsifiable concentrates, and remaining 1/4 of the required water. The 1/4 of the required water as the last item for addition to the premix tank can be used as rinsate for the chemical container or to adjust the total slurry to compensate for water displacement by powdered products.
3. Maintain agitation until the entire slurry mixture has been used.
4. Ensure that seed is dry prior to bagging.

**NOTE:** Seed that has been treated with this product that is then packaged or bagged for future use must contain the following labeling on the outside of the seed package or bag: "This seed has been treated with **Stamina<sup>®</sup>** fungicide seed treatment containing pyraclostrobin, - **DO NOT** use for food, feed, or oil purposes. Store away from food and feedstuffs. When opening this bag or loading, pouring, or handling the treated seed or seed pieces, wear long-sleeved shirt, long pants, shoes, socks, and chemical-resistant gloves made of any waterproof material. After the seeds and/or seed pieces have been planted in soil or other planting media, **DO NOT** enter or allow worker entry into areas with treated seeds during the restricted-entry interval of **12 hours**, except that workers may enter the areas with treated seeds without restriction if there will be no worker contact with the soil/media sub-surface."

**Stamina® fungicide seed treatment Crop-specific Use Directions for Seed Treatment**

<b>Crop</b>	<b>Target Disease</b>	<b>Product Use Rate</b> fl ozs/100 lbs seed (lb ai/100 lbs seed)
<b>Alfalfa</b>	Suppression of seed and seedling disease caused by <i>Rhizoctonia solani</i> and <i>Fusarium</i> spp.	1.5 to 3.1 (0.02 to 0.04)
<b>Barley</b>	Seed and seedling disease (damping-off) caused by <i>Rhizoctonia solani</i> , seedborne fungi causing seed decay, seedling damping-off  Suppression of common root rot ( <i>Cochliobolus</i> sp.), <i>Fusarium</i> seed rot and seedling blight ( <i>Fusarium</i> spp.), covered smut ( <i>Ustilago hordei</i> ), and seedling damping-off by <i>Pythium</i> spp.  <b>Stamina</b> may be tank mixed with <b>Charter® fungicide seed treatment</b> . Refer to the <b>Charter</b> label for application rates and other use directions.	0.4 to 0.8 (0.005 to 0.01)
<b>Brassica vegetables</b> (includes head and stem and brassica leafy greens) Broccoli Broccoli, Chinese Broccoli, raab Brussels sprouts Cabbage Cabbage, Chinese Cabbage, Chinese mustard Cauliflower Cavalo broccolo Collards Kale Kohlrabi Mizuna Mustard greens Mustard spinach Rape greens	Seed and seedling disease (damping-off) caused by <i>Rhizoctonia solani</i> , seedborne fungi causing seed decay, seedling damping-off	0.8 to 2.3 (0.01 to 0.03)
<b>Bulb vegetables</b> Garlic Leek Onions (all varieties) Shallot	Suppression of seed and seedling disease (damping-off) caused by seedborne fungi causing seed decay, seedling damping-off	0.8 to 2.3 (0.01 to 0.03)
<b>Corn</b> Field corn Pop corn Seed production for corn	Seed and seedling disease (damping-off) caused by <i>Rhizoctonia solani</i> , seedborne fungi causing seed decay, seedling damping-off  Suppression of seed and seedling disease caused by <i>Pythium</i> spp. and <i>Fusarium</i> spp.	0.4 to 0.8 (0.005 to 0.01)  equivalent to 0.013 to 0.026 mg ai per kernel and 0.18 to 0.36 fl oz product/80,000 kernel count based on 1,816 kernels per pound
<b>Corn</b> Sweet corn	Seed and seedling disease (damping-off) caused by <i>Rhizoctonia solani</i> , seedborne fungi causing seed decay, seedling damping-off  Suppression of seed and seedling disease caused by <i>Pythium</i> spp. and <i>Fusarium</i> spp.	0.8 to 1.6 (0.01 to 0.02)  equivalent to 0.013 to 0.026 mg ai per kernel and 0.18 to 0.36 fl oz product/80,000 kernel count based on 3,632 kernels per pound
<b>Cotton</b>	Seed and seedling disease (damping-off) caused by <i>Rhizoctonia solani</i> , seedborne fungi causing seed decay, seedling damping-off	1.5 to 3.0 (0.02 to 0.04)  equivalent to 0.02 to 0.04 mg ai per seed based on 4,500 seeds per pound

**Stamina® fungicide seed treatment Crop-specific Use Directions for Seed Treatment** (continued)

Crop	Target Disease	Product Use Rate fl ozs/100 lbs seed (lb ai/100 lbs seed)
<p><b>Cucurbits</b> includes all types and hybrids of: Cantaloupe Chayote Chinese waxgourd Citron melon Cucumber Edible gourds Gherkin Muskmelon Pumpkin Summer squash Watermelon Winter squash Zucchini <i>Momordica</i> spp. (such as) Balsam apple Balsam pear Bitter melon Chinese cucumber</p>	<p>Seed and seedling disease (damping-off) caused by <i>Rhizoctonia solani</i>, seedborne fungi causing seed decay, seedling damping-off</p>	<p>0.8 to 2.3 (0.01 to 0.03)</p>
<p><b>Dried shelled peas and beans</b> Broad bean, Chickpea, Guar, Lablab bean, Lentil, Pigeon pea <i>Lupinus</i> spp.: Grain lupin, Sweet lupin, White lupin <i>Phaseolus</i> spp.: Field bean, Kidney bean, Lima bean, Navy bean, Pink bean, Pinto bean, Tepary bean <i>Pisum</i> spp.: Field pea <i>Vigna</i> spp.: Adzuki bean, Black-eyed pea, Catjang, Cowpea, Crowder pea, Moth bean, Mung bean, Rice bean, Southern pea, Urd bean</p>	<p>Seed and seedling disease (damping-off) caused by <i>Rhizoctonia solani</i>, seedborne fungi causing seed decay, seedling damping-off</p>	<p>0.4 to 1.5 (0.005 to 0.02)</p>
<p><b>Edible podded legume vegetables</b> Jack bean, Pigeon pea, Soybean (immature seed), Sword bean <i>Phaseolus</i> spp.: Runner bean, Snap bean, Wax bean <i>Pisum</i> spp.: Dwarf pea, Edible-podded pea, Snowpea, Sugar snap pea <i>Vigna</i> spp.: Asparagus bean, Chinese longbean, Moth bean, Yardlong bean</p>	<p>Seed and seedling disease (damping-off) caused by <i>Rhizoctonia solani</i>, seedborne fungi causing seed decay, seedling damping-off</p>	<p>0.4 to 1.5 (0.005 to 0.02)</p>



**Stamina® fungicide seed treatment Crop-specific Use Directions for Seed Treatment** (continued)

Crop	Target Disease	Product Use Rate fl ozs/100 lbs seed (lb ai/100 lbs seed)
<b>Fruiting vegetables</b> Eggplant Ground cherry Pepino Pepper (all varieties) Tomatillo Tomato	Seed and seedling disease (damping-off) caused by <i>Rhizoctonia solani</i> , seedborne fungi causing seed decay, seedling damping-off	0.8 to 2.3 (0.01 to 0.03)
<b>Leafy vegetables</b> Amaranth Arugula Cardoon Celery Celery (Chinese) Celtuce Chervil Chrysanthemum (edible-leaved and garland) Corn salad Cress (garden and Upland) Dandelion Dock Endive Fennel (Florence) Lettuce (head and leaf) Orach Parsley Purslane (garden and winter) Radicchio (red chicory) Rhubarb Spinach Spinach (New Zealand and vine) Swiss chard	Seed and seedling disease (damping-off) caused by <i>Rhizoctonia solani</i> , seedborne fungi causing seed decay, seedling damping-off	0.8 to 2.3 (0.01 to 0.03)
<b>Leaves of root and tuber vegetables</b> Black salsify Carrot Celeriac Chervil (turnip-rooted) Chicory Edible burdock Garden beet Oriental radish Parsley (turnip-rooted) Parsnip Radish Rutabaga Skirret Turnip	Seed and seedling disease (damping-off) caused by <i>Rhizoctonia solani</i> , seedborne fungi causing seed decay, seedling damping-off	0.8 to 2.3 (0.01 to 0.03)
<b>Oats</b>	Seed and seedling disease (damping-off) caused by <i>Rhizoctonia solani</i> , seedborne fungi causing seed decay, seedling damping-off Suppression of common root rot ( <i>Cochliobolus</i> sp.), <i>Fusarium</i> seed rot and seedling blight ( <i>Fusarium</i> spp.)	0.4 to 0.8 (0.005 to 0.01)

**Stamina® fungicide seed treatment Crop-specific Use Directions for Seed Treatment** (continued)

Crop	Target Disease	Product Use Rate fl ozs/100 lbs seed (lb ai/100 lbs seed)
<b>Peanut</b>	Seed and seedling disease (damping-off) caused by <i>Rhizoctonia solani</i> , seedborne fungi causing seed decay, seedling damping-off	0.4 to 1.5 (0.005 to 0.02)
<b>Rapeseed</b> includes canola and crambe	Seedborne fungi causing seed decay, seedling damping-off. Suppression of seed and seedling disease (damping-off) caused by <i>Rhizoctonia solani</i>	1.5 to 3.1 (0.02 to 0.04)
<b>Root vegetables (except sugar beet) subgroup</b> Black salsify Carrot Celeriac Chervil (turnip-rooted) Chicory Edible burdock Garden beet Ginseng Horseradish Oriental radish Parsley (turnip-rooted) Parsnip Radish Rutabaga Skirret Spanish salsify Turnip	Seed and seedling disease (damping-off) caused by <i>Rhizoctonia solani</i> , seedborne fungi causing seed decay, seedling damping-off	0.8 to 2.3 (0.01 to 0.03)
<b>Rye</b>	Seed and seedling disease (damping-off) caused by <i>Rhizoctonia solani</i> , seedborne fungi causing seed decay, seedling damping-off Suppression of common root rot ( <i>Cochliobolus</i> sp.), and <i>Fusarium</i> seed rot and seedling blight ( <i>Fusarium</i> spp.)	0.4 to 0.8 (0.005 to 0.01)
<b>Sorghum</b>	Seed and seedling disease (damping-off) caused by <i>Rhizoctonia solani</i> , seedborne fungi causing seed decay, seedling damping-off	0.8 to 1.5 (0.01 to 0.02) equivalent to 0.0032 to 0.0064 mg ai per seed based on 14,500 seeds per pound
<b>Soybean (<i>Glycine</i> spp.)</b>	Seed and seedling disease (damping-off) caused by <i>Rhizoctonia solani</i> , seedborne fungi causing seed decay, seedling damping-off Suppression of seed and seedling disease caused by <i>Pythium</i> spp., <i>Fusarium</i> spp, and <i>Phomopsis</i> spp.	0.4 to 1.5 (0.005 to 0.02) equivalent to 0.0084 to 0.031 mg ai per seed based on 2,800 seeds per pound
<b>Succulent shelled peas and beans</b> Broad bean, Pigeon pea <i>Phaseolus</i> spp.: Lima bean, green <i>Pisum</i> spp.: English pea, Garden pea, Green pea <i>Vigna</i> spp.: Black-eyed pea, Cowpea, Southern pea	Seed and seedling disease (damping-off) caused by <i>Rhizoctonia solani</i> , seedborne fungi causing seed decay, seedling damping-off	0.4 to 1.5 (0.005 to 0.02)

**Stamina® fungicide seed treatment Crop-specific Use Directions for Seed Treatment** (continued)

Crop	Target Disease	Product Use Rate fl ozs/100 lbs seed (lb ai/100 lbs seed)
<b>Sugar beet</b>	<p><b>Application Instructions for Sugar Beet</b> To provide protection from seedling diseases caused by <i>Fusarium</i> spp. and <i>Rhizoctonia</i> spp., apply as a commercial seed treatment at 1.7 to 2.5 fl ozs of <b>Stamina</b> (0.022 to 0.033 lb ai per 100,000 seeds) in or on a unit of pelleted sugar beet seed with a weight ratio of 2:1 pelleting mixture to raw seed (seed count 100,000 seeds, approximately 2.2 pounds (1 kilogram) by weight).</p>	
<b>Sunflower</b>	Seed and seedling disease (damping-off) caused by <i>Rhizoctonia solani</i> , seedborne fungi causing seed decay, seedling damping-off	0.8 to 2.3 (0.01 to 0.03) equivalent to 0.01 to 0.03 mg ai per seed based on 4,500 seeds per pound
<p><b>Tuberous and corm vegetables subgroup</b> Arracacha Arrowroot Chinese artichoke Jerusalem artichoke Cassava (bitter and sweet) Chayote (root) Chufa Dasheen Edible canna Ginger Leren Potato Sweet potato Tanier True yam Turmeric Yam bean</p>	Seed and seedling disease (damping-off) caused by <i>Rhizoctonia solani</i> , seedborne fungi causing seed decay, seedling damping-off	0.4 to 2.3 (0.005 to 0.03)
<b>Wheat</b>	<p>Seed and seedling disease (damping-off) caused by <i>Rhizoctonia solani</i>, seedborne fungi causing seed decay, seedling damping-off</p> <p>Suppression of common root rot (<i>Cochliobolus</i> sp.); <i>Fusarium</i> seed rot and seedling blight (<i>Fusarium</i> spp.), dry seed decay (<i>Penicillium</i> spp.), common bunt (<i>Tilletia caries</i>), and seedling damping-off (<i>Pythium</i> spp.)</p> <p><b>Stamina</b> may be tank mixed with <b>Charter® fungicide seed treatment</b>. Refer to the <b>Charter</b> label for application rates and other use directions.</p>	0.4 to 0.8 (0.005 to 0.01)

**Conditions of Sale and Warranty**

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, 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 the presence of other or untested or unapproved materials, seed of low quality or low vigor or low germination, use of the product in a manner inconsistent with its labeling, misapplication of the product, or weather conditions at planting or environmental conditions during seed storage, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

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Supersedes: NVA 2010-04-306-0029  
Supplemental: NVA 2008-04-306-0313  
NVA 2008-04-306-0329

BASF Corporation  
26 Davis Drive  
Research Triangle Park, NC 27709



130815

Group 11 Fungicide

# Supplemental Label



**For seed treatment use in corn, cotton, sorghum, sugar beet and sunflower**

**Active Ingredient\*:**

pyraclostrobin: (carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl] methoxy-, methyl ester) .....	18.4%
<b>Other Ingredients:</b> .....	<b>81.6%</b>
<b>Total:</b> .....	<b>100.0%</b>

\* Equivalent to 1.67 pounds of pyraclostrobin per gallon.

**EPA Reg. No. 7969-266**

### Directions For Use

**Refer to the Stamina® fungicide seed treatment main label, EPA Reg. No. 7969-266, for complete Directions For Use and all applicable restrictions and precautions. When following the instructions on this supplemental label, the user must have this label and the entire Stamina container label in possession at the time of pesticide application.**

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

### Product Information

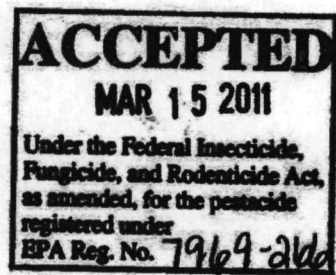
Stamina is a broad-spectrum fungicide that provides preventive seed and seedling protection from several seed and soilborne diseases.

Due to the minimal amounts of Stamina applied to the seed that relocate to the upper parts of the plant, the potential for development of resistance is extremely low. Refer to the Stamina container label for additional Resistance Management information.

### Application Instructions

Stamina can be used in both commercial seed treatment facilities and on-farm systems. Refer to the Stamina container label for specific seed treatment instructions.

**NOTE:** Seed that has been treated with this product that is then packaged or bagged for future use must contain the following labeling on the outside of the seed package or bag: "This seed has been treated with Stamina® fungicide seed treatment containing pyraclostrobin, - DO NOT use for food, feed, or oil purposes. Store away from food and feedstuffs. When opening this bag or loading, pouring, or handling the treated seed or seed pieces, wear long-sleeved shirt, long pants, shoes, socks, and chemical-resistant gloves made of any waterproof material. After the seeds and/or seed pieces have been planted in soil or other planting media, DO NOT enter or allow worker entry into areas with treated seeds during the restricted-entry interval of 12 hours, except that workers may enter the areas with treated seeds without restriction if there will be no worker contact with the soil/media subsurface."



140915

**Stamina® fungicide seed treatment Crop-specific Use Directions for Seed Treatment**

Crop	Target Disease	Product Use Rate fl ozs/100 lbs seed (lb ai/100 lbs seed)
<b>Corn</b> Field corn Pop corn Seed production for corn	Seed and seedling disease (damping-off) caused by <i>Rhizoctonia solani</i> , seedborne fungi causing seed decay, seedling damping-off  Suppression of seed and seedling disease caused by <i>Pythium</i> spp. and <i>Fusarium</i> spp.	0.4 to 0.8 (0.005 to 0.01) equivalent to 0.013 to 0.026 mg ai per kernel and 0.18 to 0.36 fl oz product/80,000 kernel count based on 1,816 kernels per pound
<b>Corn</b> Sweet corn	Seed and seedling disease (damping-off) caused by <i>Rhizoctonia solani</i> , seedborne fungi causing seed decay, seedling damping-off  Suppression of seed and seedling disease caused by <i>Pythium</i> spp. and <i>Fusarium</i> spp.	0.8 to 1.6 (0.01 to 0.02) equivalent to 0.013 to 0.026 mg ai per kernel and 0.18 to 0.36 fl oz product/80,000 kernel count based on 3,632 kernels per pound
<b>Cotton</b>	Seed and seedling disease (damping-off) caused by <i>Rhizoctonia solani</i> , seedborne fungi causing seed decay, seedling damping-off	1.5 to 3.0 (0.02 to 0.04) equivalent to 0.02 to 0.04 mg ai per seed based on 4,500 seeds per pound
<b>Sorghum</b>	Seed and seedling disease (damping-off) caused by <i>Rhizoctonia solani</i> , seedborne fungi causing seed decay, seedling damping-off	0.8 to 1.5 (0.01 to 0.02) equivalent to 0.0032 to 0.0064 mg ai per seed based on 14,500 seeds per pound
<b>Sugar beet</b>	<b>Application Instructions for Sugar Beet</b> To provide protection from seedling diseases caused by <i>Fusarium</i> spp. and <i>Rhizoctonia</i> spp., apply as a commercial seed treatment at 1.7 to 2.5 fl ozs of <b>Stamina</b> (0.022 to 0.033 lb ai per 100,000 seeds) in or on a unit of pelleted sugar beet seed with a weight ratio of 2:1 pelleting mixture to raw seed (seed count 100,000 seeds; approximately 2.2 pounds (1 kilogram) by weight).	
<b>Sunflower</b>	Seed and seedling disease (damping-off) caused by <i>Rhizoctonia solani</i> , seedborne fungi causing seed decay, seedling damping-off	0.8 to 2.3 (0.01 to 0.03) equivalent to 0.01 to 0.03 mg ai per seed based on 4,500 seeds per pound

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The Chemical Company