

73049-6

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EPA 73049-6

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RELEASE®
PLANT GROWTH REGULATOR
SOLUBLE POWDER

Active Ingredient:

Gibberellic Acid.....10% w/w ✓

Other Ingredients.....90% w/w

Total.....100% w/w

Contains a total of 100 g of gibberellic acid per kilogram

Valent BioSciences Corporation
870 Technology Way, Suite 100
Libertyville, IL 60048

EPA Reg. No. 73049-6
EPA Est. No. 33762-IA-1

Net Contents:

KEEP OUT OF REACH OF CHILDREN

CAUTION

ACCEPTED
APR 18 2003
<small>Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 73049-6</small>

FIRST AID	
If on skin of 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 inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. • Call a poison control center or doctor for further 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 1-800-892-0099 (24 hours) for emergency medical treatment and/or transport emergency information. For all other information, call 1-800-Valent.</p>	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS (& DOMESTIC ANIMALS)

CAUTION

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

Personal Protective Equipment

Applicators and other handlers must wear;

- Long-sleeved shirt and long pants.
- Waterproof gloves.
- Shoes plus socks.

Follow manufacturer's instructions for cleaning/maintaining Personal Protective Equipment (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.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS

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.

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 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.

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

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 intervals. 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 4 hours. Exceptions: After treated seeds are planted, the Worker Protection Standard, under certain circumstances, allows workers to enter the planted 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.
- Waterproof gloves.
- Shoes plus socks.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Keep containers tightly 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: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and 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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GENERAL INFORMATION

IMPORTANT: Before application, read directions thoroughly and use only as directed.

Release® contains an extremely potent natural plant growth regulator. One gram of Release contains 100 milligrams of active ingredient. Consult your local experiment station specialist, distributor, or the Valent agricultural specialist in your area for the application best suited for your conditions.

Release is a plant growth regulator product designed to be used as a seed treatment for rice, wheat, and sorghum seed. When applied according to the label directions, Release stimulates seed germination and promotes faster and uniform stand establishment. The following table describes Release use applications and expected benefits.

RELEASE SEED TREATMENT APPLICATIONS
For Application to Rice, Wheat, and Sorghum seed

Crop	RELEASE Use Rates	Use Restrictions	Benefits
Rice	<p>Use Rates for All States Except California: 0.18 to 0.7 oz product in 8-20 fl oz water/100 lbs seed (Equivalent to 5 to 20 g Release in 237-591 ml water/45 kg seed)</p> <p>Use Rates for California: 0.35 to 0.7 oz of product in 8-20 fl oz of water/100 lbs of seed. (Equivalent to 10 to 20 g. Release in 237 - 591 ml water/45 kg seed).</p>	<p>For use with drill or broadcast seeding systems.</p> <p>Do not apply Release prior to a 24 hour presoak or to water used for the presoak.</p> <p>Do not exceed 0.7 oz product/100 lbs of seed (20 g product/45 kg seed).</p>	<p>May promote germination and emergence for semi-dwarf and tall varieties.</p> <p>May help increase final stand density and uniformity when seed are planted deeper to receive adequate moisture.</p>
Wheat*	<p>0.35 to 1.05 oz product in 8-20 fl oz water/100 lbs seed (Equivalent to 10 to 30 g Release in 237-591 ml/45 kg)</p>	<p>Do not exceed 1.05 oz product/100 lbs of seed (30 g product/45 kg seed).</p>	<p>May promote germination and emergence, particularly for seed with dormancy problems that are planted under cool soil conditions.</p>

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Sorghum*	0.35 to 1.05 oz product in 8-20 fl oz water/100 lbs seed (Equivalent to 10 to 30 g Release in 237-591 ml water/45 kg seed)	Do not exceed 1.05 oz product/100 lbs of seed (30 g product /45 kg seed)	May promote germination and emergence, particularly for seed with dormancy problems that are planted under cool soil conditions.
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Mixing Instructions

RICE, WHEAT, AND SORGHUM

Apply Release

Release may be applied to seed with standard mist treating equipment. For best results, higher treatment volumes of 12 to 20 fluid ounces per 100 lbs of seed (355 to 591 ml per 45 kg seed) ensures complete and uniform coverage.

Fill the treatment tank with half of the final tank mix volume. Add the required amount of Release and mix thoroughly while adding water and other co-applied seed treatment products (see Compatibility with Other Chemicals section) to the desired final volume.

*Not for use in California

Use Precautions

Do not use treated seed for food, feed, or oil purposes. An approved dye must be added to distinguish Release-treated seed and prevent inadvertent use as food or feed.

COMPATIBILITY WITH OTHER CHEMICALS

Release is compatible with most commonly used fungicide seed treatments (e.g. Vitavax® and Dithane®), standard dyes, and sticker/binding agents. When preparing tank mixes, ensure adequate physical compatibility and mixing. Release has been shown to be incompatible with zinc oxide and copper hydroxide containing products, which may be applied as seed treatments.

NOTICE TO USER: Seller makes no warranty, expressed or implied, of merchantability, fitness or otherwise concerning the use of this product other than as indicated on the label. User assumes all risks of use, storage or handling not in strict accordance with accompanying directions.

Vitavax is a registered trademark of Uniroyal Chemical Co.
Dithane is a registered trademark of Rohm and Haas Co.

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