

# AuxiGro® WP

WETTABLE POWDER

## FOR INCREASED YIELD IN ALMONDS, BROCCOLI, ONIONS, TOMATOES AND MELONS, PREVENTION OF POWDERY MILDEW ON GRAPES, AND DISEASES OF STONE FRUIT

### Active Ingredients:

GABA: gamma aminobutyric acid -----	29.2 %
L-Glutamic acid -----	29.2 %
<b>Other Ingredients</b> -----	<b>41.6 %</b>
<b>TOTAL</b> -----	<b>100.0 %</b>

(1 pound contains 0.6 pounds of active ingredient)

(5 pounds contains 3 pounds of active ingredient)

## KEEP OUT OF REACH OF CHILDREN

### CAUTION

FIRST AID	
<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 – 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 eye open and rinse slowly and gently with water for 15 – 20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222 for emergency medical treatment information.	
<b>See (back) (side) panel for additional precautionary statements and directions for use.</b>	

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EPA Establishment Number: 33967-NJ-1, 39578-TX-1

Net Contents: \_\_\_\_\_

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### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMAN AND DOMESTIC ANIMALS – CAUTION

Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

#### Personal Protective Equipment (PPE). Applicators and other handlers must wear:

- long sleeve shirt and long pants
- shoes plus socks
- protective eyewear
- waterproof gloves

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.

#### User Safety Recommendations:

User should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if product 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:

For terrestrial uses: Do not apply directly to water, or 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 rinsate.

### 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 State or Tribal agency responsible for pesticide regulation. Please see package insert on bottom of bag for complete Directions For Use.

Observe all cautions and limitations on this label and on the labels of products used in combination with AuxiGro. Do not use AuxiGro other than in accordance with the instructions set forth on this label. The use of AuxiGro not consistent with this label can result in injury to crops.

### MIXING INSTRUCTIONS

**Mixing of AuxiGro:** Fill the spray tank one-half to three-quarters full with clean water. Use a calibrated device to weigh the required amount of AuxiGro. Add AuxiGro to the spray tank while agitating. Add other products, adjuvants or surfactants and then fill the remainder of the tank with water.

When water temperatures are below 50 F, make a slurry of one pound of AuxiGro into one gallon of water (or comparable ratio) prior to mixing. Pour slurry mixture into the spray tank when it is 1/2 to 3/4 full of water. This will minimize mixing difficulties that can occur with this type of formulation.

### 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, notifications and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on the label about personal protective equipment and the restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

#### Re-Entry Statement:

Do not enter or allow worker entry into treated areas without protective clothing during the restricted-entry interval (REI) of 4 hours.

#### For Early Entry

For early entry into treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated (plants, soil) wear:

- Long sleeve shirt and long pants
- Shoes plus socks
- Protective eyewear
- Coveralls

**Tank mix combinations with AuxiGro:** When AuxiGro is used in combination with other products refer to the respective product labels for rates and methods of application; proper timing; disease, weeds or insects controlled; restrictions and precautions. Always use in accordance with the most restrictive label restrictions and precautions. Do not exceed any label dosage.

**Spray solution pH:** For best results, ensure that the final spray solution is near neutral or slightly acidic (pH 6.0 to 7.0).

**Compatibility Testing:** AuxiGro is compatible with most commonly used agricultural fungicides, insecticides, micronutrients and spray adjuvants. If compatibility with another product is unknown, conduct a jar test for physical compatibility before field mixtures are made. Read and recognize all cautions and limitations on labeling of all products used in mixtures.

**Adjuvants and Surfactants:** Optimal results are obtained when a silicone-based surfactant is used with AuxiGro. Use the surfactant at the lowest label rate for use with Plant Growth Regulators (PGRs) or foliar sprays (typically 4 to 6 ounces surfactant per 100 gallons). If AuxiGro is tank mixed with other products that prohibit surfactant use, follow the tank mix product label and do not use a surfactant.

Clean or triple rinse mixing containers, hoses and spraying equipment prior to mixing AuxiGro for application.

### APPLICATION INSTRUCTIONS

Thorough spray coverage is required for maximum benefit. Begin applications of AuxiGro at seeding (or transplanting) and continue until harvest unless otherwise stated. For optimal yield/disease response, apply AuxiGro postemergence according to the application timings and rates provided in the table below. Make multiple applications (with fungicides or nutrients) at a rate of 1 - 4 ounces (per application). Do not exceed a total season application of 24 ounces per acre per crop unless otherwise stated.

All rates of application for AuxiGro are given as broadcast rates and expressed as ounces of formulated product per acre per application. If crop growth will permit a banded treatment, use proportionally less product than the broadcast rate. Apply **AuxiGro with silicone-based surfactants unless tank mix combinations prohibit their use or crop injury is likely to occur.** If air temperatures are expected to be above 80 F at the time of application, increase the application volume to 10 gallons per acre (GPA). Additionally, use surfactants that lower the rate of evaporation such as silicone and mentholated seed oil (MSO) blends.

**Test the final spray solution pH and adjust it to near neutral or slightly acidic (pH 6.0 to 7.0).**

Allow heavy dew to evaporate prior to AuxiGro applications. Do not apply AuxiGro if windy conditions exist or a strong threat of rain exists within 4 hours of application.

**Ground Application:** Apply uniformly with properly calibrated ground equipment in 20 to 100 gallons of water per acre, except as noted in the Directions for Use. Increase application volume and pressure as needed depending on the size of plants being treated. Use hollow cone nozzles or other types of nozzles that achieve uniform wetting of the entire plant canopy.

**Aerial Application:** Thorough spray coverage is required for maximum benefit. To achieve good coverage, use proper droplet size, spray uniformly, and ensure swath width and spray volume are correct. Do not use less than 7 gallons total spray volume per acre.

**DIRECTIONS FOR USE**

Crops & Application(s)	Rate / Acre / Application & Timing*
<b>Almond</b>	To increase total yield.
First application:	Apply 4 oz. of Auxigro when trees are in pink bud (< 20% bloom)
Second application:	Apply 4 oz. of Auxigro at full bloom
Third application:	Apply 4 oz. of Auxigro at petal fall
<b>Broccoli</b>	To increase total yield and/or uniformity.
First Application:	Apply 4 ounces of Auxigro at 4-6 leaf stage or one week after transplanting
Later applications:	Apply 4 ounces every 2 weeks following the initial application up until at button (head) formation.
<b>Onions – Fresh market and storage types only</b>	To increase the marketable grade and/or yield
First Application	Apply 4 oz. of Auxigro at initial bulb swell (typically 1 1/4 to 1 1/2 inch diameter)
Second Application:	Apply 4 oz. of Auxigro at approximately 4 weeks prior to harvest, a minimum of 21 days after the initial application.
<b>Stone Fruit</b>	For the control of brown rot ( <i>Monilinia sp.</i> ) and suppression of shot hole ( <i>Stigmata carpophila</i> )
First application:	Apply 4 ounces of Auxigro when trees are in pink bud (<20% bloom)
Second application:	Apply 4 ounces of Auxigro at full bloom
Third application:	Apply 4 ounces of Auxigro at petal fall
Later season:	Apply 4 ounces of Auxigro at 14-21 days post petal fall and/or 21 to 30 days prior to harvest
For the prevention of brown rot, Auxigro must be used prior to the onset of disease infections as a preventative disease control product. This product is not intended to be a curative or eradicant fungicide. Use Auxigro as part of Resistance Management and/or Integrated Pest Management programs. Apply this product either alone, in alternating applications with other fungicide products that are labeled for the control of brown rot and shot hole, or in tank mix combinations with these other fungicide products. Auxigro will provide suppression of shot hole. To do so it must be used as part of a disease management program.	
<b>Tomatoes</b>	To increase the marketable yield and to maintain or improve the soluble sugar levels as measured by degrees Brix
First Application:	Apply 4 ounces of Auxigro at mid-bloom in the canopy (50% - 70% bloom)
Second Application:	Apply 4 ounces of Auxigro at first fruit set – approximately 10 -21 days after the initial application
<b>Melons</b>	To increase the number and/or yield of marketable melons
First Application:	Apply 4 ounces of Auxigro at initial female bloom (10 – 15% bloom)
Second Application:	Apply 4 ounces of Auxigro at initial fruit set – approximately 10 -21 days after the initial application.

**CONDITIONS OF SALE AND WARRANTY**

The label instructions for the use of this product are based on research and field use. The instructions are believed to be reliable and must be followed carefully. However, it is not possible 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 Emerald Bio Corporation.

TO THE EXTENT ALLOWABLE BY STATE LAW: All such risks shall be assumed by the user. Emerald BioAgriculture Corporation (Emerald Bio) 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. Emerald Bio Corporation 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. EMERALD BIO CORPORATION 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 EMERALD BIO CORPORATIONS' EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF AUXIGRO.

**Grapes:** For the prevention of Powdery Mildew, Auxigro must be used prior to the onset of powdery mildew infections as a preventative disease control product. This product is not intended to be a curative or eradicant fungicide. Auxigro may be used as part of Resistance Management and/or Integrated Pest Management programs. This product may be applied either (1) alone, (2) in alternating applications with other fungicide products that are labeled for the control of powdery mildew, or (3) in tank mix combinations with these other fungicide products.

Disease	RATE OF AUXIGRO WP (Ounces Per Acre)		
	Alone	Alternating**	Tank Mix**
Powdery Mildew ( <i>Uncinula necator</i> )	4	4	2 to 4

\*\* When high disease pressure is present  
**Application Timing:** Use shorter application intervals for Auxigro on susceptible varieties or under heavy disease pressures. Begin applications at prebloom (6 - 12 inch shoots). Do not extend applications beyond a 16 day interval following the previous application made for the prevention of powdery mildew. Follow the most restrictive label for application timing when Auxigro is alternated with other disease control products. Total season application should not exceed 24 oz. per acre per crop.

Thorough coverage is essential for good disease control. Uniformly apply Auxigro to the crop canopy. For ground applications use a minimum of 50 gallons per acre for conventional spray equipment, and a minimum of 36 gallons per acre for electrostatic sprayers.

**Auxigro should be applied with silicone-based surfactants unless tank mix combinations prohibit their use or crop injury is likely to occur.**

**ROTATIONAL CROPS**

All crops can be safely planted at any time following an Auxigro application.

**STORAGE AND DISPOSAL**

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

**PRODUCT STORAGE:** Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of reach of children, preferably in a locked storage area.

**PRODUCT DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** DO NOT reuse any part of the packaging. Dispose of all containers and packaging in a sanitary landfill, by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of the smoke.

In no case shall Emerald Bio Corporation or the seller be liable for consequential, special or indirect damages resulting from the use or handling of this product. Buyers and all users are deemed to have accepted the terms of this LIMIT OF WARRANTY AND LIABILITY which may not be varied by any verbal or written agreement.

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