



AURA | T+V

activated by vismax™

Broad Spectrum Activator of Disease Resistance

ACTIVE INGREDIENT By Weight
Flg22-Bt Peptide 0.012%
OTHER INGREDIENTS: 99.988%
TOTAL: 100.000%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See inside label booklet for Precautionary Statements and Directions for Use.

FIRST AID

If Inhaled

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.
- Call a poison control center or doctor for further treatment advice.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this pesticide product (including general health concerns or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378, Monday through Friday 8:00 AM to 12:00 PM Pacific Standard Time. In the event of a medical emergency, call your poison control center at 1-800-222-1222.

For help with any spill, leak, fire or exposure involving this material, call day or night
CHEMTREC – 1-800-424-9300.

EPA Reg. No.: 92188-1-34704

EPA Est. No.: 34704-MS-002

Net Contents: 2.5 gal (9.46 L)

083123 V0N 10G23 0 1

FORMULATED FOR
LOVELAND PRODUCTS, INC.®, P.O. BOX 1286, GREELEY, COLORADO 80632-1286

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if inhaled. Avoid breathing dust. Remove and wash contaminated clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE):**Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants
- Shoes plus socks
- Waterproof gloves
- Minimum of a NIOSH-approved particulate filtering facepiece respirator with any N, R, or P filter; OR a NIOSH-approved elastomeric particulate respirator with any N, R, or P filter; OR a NIOSH-approved powered air- purifying respirator with an HE filter

Follow manufacturer's instructions for cleaning/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:**

- Remove clothing 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

For Terrestrial Uses: Do not apply directly to water, or 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 washwater or rinsate.

DIRECTIONS FOR USE**READ ENTIRE LABEL BEFORE USING THIS PRODUCT.**

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.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard (WPS), 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 (REI). The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard (WPS).

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the WPS and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls;
- Waterproof gloves; and
- Shoes plus socks
- Minimum of a NIOSH-approved particulate filtering facepiece respirator with any N, R, or P filter; OR a NIOSH-approved elastomeric particulate respirator with any N, R, or P filter; OR a NIOSH-approved powered air- purifying respirator with an HE filter

PRODUCT INFORMATION

Aura T+V formulation of Flg2-Bt peptide is a broad-spectrum activator of multiple plant defense mechanisms that suppresses plant diseases caused by bacteria and fungi. Aura T+V formulation can be applied as a foliar spray treatment to labeled crops. The level of disease control is dependent on various environmental factors, host factors, disease pressure, coverage of host plants, and method of application.

INTEGRATED PEST MANAGEMENT

Aura T+V should be integrated into an overall disease and pest management strategy whenever pesticides are required. Cultural practices known to reduce disease development should be followed. Consult your local agricultural authorities for IPM strategies established in your areas.

APPLICATION INSTRUCTIONS

Aura T+V may be applied by ground.

Ground Foliar Application

- Apply a minimum of 50 gallons of water per acre for tree and vine crops, unless otherwise specified.
- Can be applied by hose-end, pressurized greenhouse, air blast mister, boom sprayer and hand-held sprayers.

MIXING AND COMPATIBILITY

Mixing Instructions

- Aura T+V is a soluble liquid concentrate (SL) formulation.
- Prepare no more spray mixture than is required for the immediate operation.
- Thoroughly clean spray equipment before using this product.
- Agitate the spray solution before and during application.

Aura T+V plus Tank Mixes

Aura T+V is compatible with most herbicides, fungicides, bactericides, nematocides, fertilizers, nutritionals, adjuvants, and surfactants but has not been tested with all potential combinations. To ensure the physical compatibility of Aura T+V with tank mix partners, use a jar test described below.

Tank Mix Compatibility Test

Using a suitable container, add proportional amounts of product to water. Add wettable powders first, followed by water dispersible granules, then by liquid flowables, emulsifiable concentrates, and lastly soluble liquid concentrates (Aura T+V) and surfactants. Mix thoroughly and let stand for at least five minutes. If the combination stays mixed or can be remixed, it is physically compatible. If the mixture balls-up, forms flakes, sludges, gels, oily film or layers, or other precipitates, it is not compatible and the tank mix combination should not be used.

Mixing Procedure for Tank Mixes

Step 1: Add half of the required amount of clean water to the spray or mixing tank.

Step 2: With the agitator running, add tank-mix partner(s) in the following order: wettable powders, wettable granules, liquid flowables, emulsifiable concentrates, soluble liquid concentrates (Aura T+V) and surfactants.

Step 3: Allow material(s) to completely dissolve and disperse into the mix water.

Step 4: Fill the spray tank with the balance of water needed.

Step 5: Maintain agitation until the mixture has been applied to the crop.

Note: Avoid allowing spray mixture to stand overnight or for prolonged periods. No label dosage rate may be exceeded, and the most restrictive label precautions and limitations must be followed. This product may not be mixed with any product which prohibits such mixing. It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

USE PRECAUTIONS

Crop Tolerance/Phytotoxicity: Although plant tolerance has been found to be acceptable for all crops on the label, not all possible tank-mix combinations have been tested under all conditions. When possible, it is best practice to test the combinations on a small portion of the crop to ensure that phytotoxic response will not occur as a result of application.

Surfactants: This product does not contain a surfactant. For thorough coverage of foliage, use a non-ionic surfactant or surfactant blend approved for use on growing crops. Reference surfactant label for rate directions and mixing instructions. Do not use with unblended crop oils.

Spray Drift: Avoiding spray drift at the application site is the responsibility of the applicator. The interactions of many equipment and weather-related factors determine the potential for spray drift. The applicator and the grower are responsible for considering these factors when making decisions.

Droplet Size: Apply a medium to coarse droplet size using conventional application equipment.

Specific Crop Instructions and Use Rates for Aura T+V

Crop	Target Diseases	Application Method	Application Rate	Application Instructions
Grapes Includes cultivars, varieties, and/or hybrids of these commodities. Includes: Wine, Table, Raisin	Powdery Mildew <i>(Uncinula necator)</i>	Foliar	12.8 – 25.6 fl oz/100 gallons carrier volume Equivalent to 22.71-45.42 mg Flg22-Bt Peptide/acre	Apply during vegetative and reproductive stages as a preventative treatment or to slow disease progression. Use a carrier volume for sufficient coverage but avoid excessive runoff. Do not use NIS surfactants or spreaders on table grapes due to potential crop response.
Non-Bearing Trees (except for almonds)* Includes cultivars, varieties, and/or hybrids of these commodities. Pome Fruit Tree Nuts Stone Fruit *Not for use in California	Powdery Mildew <i>(Podosphaera leucotricha)</i>	Foliar	2.56 – 5.12 fl oz/10 gallons carrier volume Equivalent to 9.08 – 236.21 mg Flg22-Bt Peptide/acre	Apply during vegetative and reproductive stages as a preventative treatment or to slow disease progression. For ground foliar applications, apply in a carrier volume sufficient for thorough foliar coverage. Use a minimum of 10 gallons and a maximum of 130 gallons per acre. Carrier volume is dependent upon planting density, tree age, and foliar development. Application rates apply to trees that are no more than 3 years old.
Non-Bearing Trees Almonds Includes cultivars, varieties, and/or hybrids of these commodities.	Anthracnose (<i>Collectotrichum</i> spp., <i>Gnomonia leptostyla</i>) Brown Rot Blossom Blight / Hull Rot (<i>Monilinia</i> spp.) Shot Hole (<i>Wilsonomyces carpophilus</i>)	Foliar	2.56 – 5.12 fl oz/10 gallons carrier volume Equivalent to 9.08 – 236.21 mg Flg22-Bt Peptide/acre	Apply during vegetative and reproductive stages as a preventative treatment or to slow disease progression. For ground foliar applications, apply in a carrier volume sufficient for thorough foliar coverage. Use a minimum of 10 gallons and a maximum of 130 gallons per acre. Carrier volume is dependent upon planting density, tree age, and foliar development. Application rates apply to trees that are no more than 3 years old.
Pome Fruit* Crop Group 11 Includes cultivars, varieties, and/or hybrids of these commodities. Apple Crabapple Loquat Mayhaw Pear Pear, oriental Quince *Not for use in California	Powdery Mildew <i>(Podosphaera leucotricha)</i>	Foliar	12.8 – 25.6 fl oz/100 gallons carrier volume Equivalent to 22.71-45.42 mg Flg22-Bt Peptide/acre	Apply during vegetative and reproductive stages as a preventative treatment or to slow disease progression. For ground foliar applications, apply a minimum of 12.8 fl oz/acre in a carrier volume sufficient for thorough foliar coverage, typically 100-130 gallons per acre. Carrier volume is dependent upon planting density, tree age, and foliar development.

Crop	Target Diseases	Application Method	Application Rate	Application Instructions
Stone Fruits* Crop Group 12-12 Includes cultivars, varieties, and/or hybrids of this commodity. Apricot Apricot, Japanese Capulin Cherry, black Cherry, Nanking Cherry, sweet Cherry, tart Jujube, Chinese Nectarine Peach Plum Plum, American Plum, beach Plum, Canada Plum, cherry Plum, Chickasaw Plum, Damson Plum, Japanese Plum, Klamath Plum, prune Plumcot Sloe *Not for use in California	Brown Rot Blossom Blight / Hull Rot (<i>Monilinia</i> spp.) Shot Hole (<i>Wilsonomyces carpophilus</i>)	Foliar	12.8 – 25.6 fl oz/100 gallons carrier volume Equivalent to 22.71-45.42 mg Flg22-Bt Peptide/acre	Apply during vegetative and reproductive stages as a preventative treatment or to slow disease progression. For ground foliar applications, apply a minimum of 12.8 fl oz/acre in a carrier volume sufficient for thorough foliar coverage, typically 100-130 gallons per acre. Carrier volume is dependent upon planting density, tree age, and foliar development.
Almonds Includes cultivars, varieties, and/or hybrids of this commodity.	Anthracnose (<i>Colletotrichum</i> spp.) Brown Rot Blossom Blight / Hull Rot (<i>Monilinia</i> spp.) Shot Hole (<i>Wilsonomyces carpophilus</i>)	Foliar	12.8 – 25.6 fl oz/100 gallons carrier volume Equivalent to 22.71-45.42 mg Flg22-Bt Peptide/acre	Apply during vegetative and reproductive stages as a preventative treatment or to slow disease progression. For ground foliar applications, apply a minimum of 12.8 fl oz/acre in a carrier volume sufficient for thorough foliar coverage, typically 100-130 gallons per acre. Carrier volume is dependent upon planting density, tree age, and foliar development.
Pistachio* Includes cultivars, varieties, and/or hybrids of this commodity. *Not for use in California	Alternaria Blight (<i>Alternaria</i> spp.)	Foliar	12.8 – 25.6 fl oz/100 gallons carrier volume Equivalent to 22.71-45.42 mg Flg22-Bt Peptide/acre	Apply during vegetative and reproductive stages as a preventative treatment or to slow disease progression. For ground foliar applications, apply a minimum of 12.8 fl oz/acre in a carrier volume sufficient for thorough foliar coverage, typically 100-130 gallons per acre. Carrier volume is dependent upon planting density, tree age, and foliar development.

Crop	Target Diseases	Application Method	Application Rate	Application Instructions
Tree Nuts (except for Almond and Pistachio)* Crop Group 14-12 Includes cultivars, varieties, and/or hybrids of this commodity. African nut-tree Beechnut Brazil nut Brazilian pine Bunya Bur oak Butternut Cajou nut Candlenut Cashew Chestnut Chinquapin Coconut Coquito nut Dika nut Ginkgo Guiana chestnut Hazelnut Hearnut Hickory nut Japanese horse-chestnut Macadamia nut Mongongo nut Monkey-pot Monkey puzzle nut Okari Nut Pachira nut Peach palm nut Pecan Pequi Pili nut Sapucaia nut Tropical almond Walnut, black Walnut, English Yellowhorn *Not for use in California	Anthraxnose <i>(Colletotrichum spp.)</i> Brown Rot Blossom Blight / Hull Rot <i>(Monilinia spp.)</i> Shot Hole <i>(Wilsonomyces carpophilus)</i>	Foliar	12.8 – 25.6 fl oz/100 gallons carrier volume Equivalent to 22.71-45.42 mg Fig22-Bt Peptide/acre	Apply during vegetative and reproductive stages as a preventative treatment or to slow disease progression. For ground foliar applications, apply a minimum of 12.8 fl oz/acre in a carrier volume sufficient for thorough foliar coverage, typically 100-130 gallons per acre. Carrier volume is dependent upon planting density, tree age, and foliar development.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE:

Store in a cool, dry place, away from children and pets. Keep from freezing.

PESTICIDE DISPOSAL:

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

CONTAINER HANDLING

Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple Rinse 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 $\frac{1}{4}$ 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. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

For help with any spill, leak, fire or exposure involving this material, call day or night CHEMTREC – 1-800-424-9300

CONDITIONS OF SALE AND LIMITATIONS OF WARRANTY AND LIABILITY

BEFORE BUYING OR USING THIS PRODUCT, read the entire Directions for Use and the following Conditions of Sale and Limitation of Warranty and Liability. By buying or using this product, the buyer or user accepts the following Conditions of Sale and Limitation of Warranty and Liability, which no employee or agent of LOVELAND PRODUCTS, INC. or the seller is authorized to vary in any way.

Follow the Directions for Use of this product carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop or other plant injury, ineffectiveness, or other unintended consequences may result from such risks as weather or crop conditions, mixture with other chemicals not specifically identified in this product's label, or use of this product contrary to the label instructions, all of which are beyond the control of LOVELAND PRODUCTS, INC. and the seller. The buyer or user of this product assumes all such inherent risks.

Subject to the foregoing inherent risks, LOVELAND PRODUCTS, INC. 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 when the product is used in strict accordance with such Directions for Use under normal conditions of use. EXCEPT AS WARRANTED IN THIS LABEL AND TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THIS PRODUCT IS SOLD "AS IS," AND LOVELAND PRODUCTS, INC. MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ELIGIBILITY OF THIS PRODUCT FOR ANY PARTICULAR TRADE USAGE.

IN THE UNLIKELY EVENT THAT BUYER OR USER BELIEVES THAT LOVELAND PRODUCTS, INC. HAS BREACHED A WARRANTY CONTAINED IN THIS LABEL AND TO THE EXTENT REQUIRED BY APPLICABLE LAW, BUYER OR USER MUST SEND WRITTEN NOTICE OF ITS CLAIM TO THE FOLLOWING ADDRESS: LOVELAND PRODUCTS, INC., ATTENTION: LAW DEPARTMENT, P.O. BOX 1286, GREELEY, CO 80632-1286.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE BUYER'S OR USER'S EXCLUSIVE REMEDY FOR ANY INJURY, LOSS, OR DAMAGE RESULTING FROM THE HANDLING OR USE OF THIS PRODUCT, INCLUDING BUT NOT LIMITED TO CLAIMS OF BREACH OF WARRANTY OR CONTRACT, NEGLIGENCE, STRICT LIABILITY, OR OTHER TORTS, SHALL BE LIMITED TO ONE OF THE FOLLOWING, AT THE ELECTION OF LOVELAND PRODUCTS, INC. OR THE SELLER: DIRECT DAMAGES NOT EXCEEDING THE PURCHASE PRICE OF THE PRODUCT OR REPLACEMENT OF THE PRODUCT. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, LOVELAND PRODUCTS, INC. AND THE SELLER SHALL NOT BE LIABLE TO THE BUYER OR USER OF THIS PRODUCT FOR ANY CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES, OR DAMAGES IN THE NATURE OF A PENALTY.

U.S Patent 10,717,767

SPECIMEN

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Broad Spectrum Activator of Disease Resistance

PEEL FILM HERE →

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Flg22-Bt Peptide	0.012%
OTHER INGREDIENTS:	99.988%
TOTAL	100.000%

KEEP OUT OF REACH OF CHILDREN CAUTION

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FIRST AID	
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 by mouth-to-mouth, if possible.• Call a poison control center or doctor for further treatment advice.
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HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if inhaled. Avoid breathing dust. Remove and wash contaminated clothing before reuse.

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