



# Veratran D



 FOR ORGANIC PRODUCTION

An Insecticide to kill the following insects: Thrips (including Citrus Thrips, Avocado Thrips, Western Flower Thrips), Aphids, Leafhoppers, Psyllids (including Asian Citrus Psyllids), Beetles, Caterpillars, Fruit Flies.

### Active Ingredient

Sabadilla Alkaloids .....	00.20%
<b>Other Ingredients</b> .....	<b>99.80%</b>

EPA Reg. No. 1021-2600  
EPA Est. No. 1021-MN-2

## KEEP OUT OF REACH OF CHILDREN

Have the product container or label with you when calling a poison control center or doctor or going for treatment. For information regarding medical emergencies or pesticide incidents, call 1-888-740-8712.

## PRECAUTIONARY STATEMENTS

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Mixers, loaders, applicators, flaggers and other handlers must wear: Long-sleeved shirt and long pants, shoes and socks and chemical resistant gloves made out of barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, natural rubber ≥ 14 mils, polyethylene, polyvinyl chloride (PVC) ≥ 14 mils, Viton ≥ 14 mils when mixing/loading to support aerial applications. See engineering controls for additional requirements. 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.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

### ENGINEERING CONTROLS:

Pilots must use an enclosed cockpit that meets requirements listed in the WPS for agricultural pesticides [40 CFR 170.240(d)(6)].

### USER SAFETY RECOMMENDATIONS:

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

Users should remove clothes/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

## ENVIRONMENTAL HAZARDS

This pesticide is toxic to aquatic invertebrates. 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 wash water or rinsate. This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are foraging in the treatment area.

## DIRECTIONS FOR USE

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

### SPRAY DRIFT MANAGEMENT

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

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, and relative humidity) and method of application (e.g., ground, aerial, airblast, chemigation) can influence pesticide drift. The applicator and grower must evaluate all factors and make appropriate adjustments when applying this product.

### TEMPERATURE INVERSIONS:

If applying at wind speeds less than 3 mph, the applicator must determine if a) conditions of temperature inversion exist, or b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions or stable atmospheric conditions.

### WIND SPEED:

Do not apply at wind speeds greater than 15 mph at the application site. Apply only as medium or coarser spray (ASAE standard 572) or a volume mean diameter of 300 microns or greater for spinning atomizer nozzles.

**AIR BLAST EQUIPMENT:**

To minimize spray loss over the tops of trees in orchard applications, sprays must be directed into the crop canopy. Turn off outward bound pointing nozzles at row ends when spraying outer row.

**AERIAL EQUIPMENT:****RELEASE HEIGHT:**

Release spray at the lowest height consistent with efficacy and flight safety. Do not release spray at a height greater than 10 feet above the ground or top of orchard crop canopy.

**BOOM LENGTH:**

The boom length must not exceed 75% of the wing-span or 90% of the rotor blade diameter.

**SWATH ADJUSTMENT:**

When applications are made with a cross-wind the swath will be displaced downwind. The applicator must compensate for this displacement at the downwind edge of the application area by adjusting the path of the aircraft upwind. Leave at least one swath unsprayed at the downwind edge of the treated field. Do not make applications into temperature inversions.

**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), notification to workers, 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 12 hours. 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, shoes and socks, and chemical-resistant gloves made out of barrier laminate, butyl rubber  $\geq 14$  mils, nitrile rubber  $\geq 14$  mils, neoprene rubber  $\geq 14$  mils, natural rubber  $\geq 14$  mils, polyethylene, polyvinyl chloride (PVC)  $\geq 14$  mils, Viton  $\geq 14$  mils.

**CROP INFORMATION**

Veratran D is a specially formulated wettable powder for the control of thrips.

**AIR APPLICATION** – Use 10 to 15 lb. per acre in 10 to 40 gallons of water. Fly every row. Screen size should be 20 mesh or larger.

**GROUND APPLICATION** – Use 10 to 15 lb. per acre in 20 to 100 gallons of water. If 200 gallons of spray solution are applied per acre increase dosage to 20 lb. per acre. Screen size should be 20 mesh or larger.

**AVOCADOS** – To protect fruit and foliage against thrips feeding damage, treat when early instars are present and damage is anticipated. Control will be most effective on those thrips species inhabiting the peripheral foliage. Reapply as needed, usually at a 10-14 day interval. Do not apply at time of harvest.

**CITRUS** – To control citrus thrips and to protect fruit, treat when early instars are present. Reapply as needed, usually at a 10-14 day interval. Do not apply at time of harvest.

**MANGOS** – To control citrus thrips, spray entire tree to protect newly formed growth and to reduce the thrips population on the tree. Treat when early instars are present and damage is anticipated. Reapply as needed. Usually at a 10-14 day interval. Do not apply at time of harvest.

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Store only in cool, dry, locked and ventilated room. Protect from moisture, open flames or heat.

**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:** Non-refillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling if available.

## NOTICE

The information on this label is based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions and established safe practice. To the extent consistent with applicable law, the Buyer must assume all responsibility, including injury, or damage, resulting from its misuse as such, or in combination with other materials.

For information on this product (including health concerns, medical emergencies, or other pesticide incidents), call the International Poison Center at 1-888-740-8712.

Veratran D® is a registered trademark of McLaughlin Gormley King Company.

Manufactured by:

### MGK

7325 Aspen Lane North  
Minneapolis, MN 55428  
Rev. 1119-0820

Distributed by:

### Valent U.S.A. LLC

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San Ramon CA 94583

Information contained in this booklet is accurate at the time of printing. Since product testing is a continuous process, please read and follow the directions on the product label for the most current directions and precautionary statements.

Always check with your state to verify state registration status or call 800-6-VALENT (682-5368).



For state registration and/or supplemental labels, please call.

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***Always read and follow label instructions.***

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