



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

July 10, 2020

Edward Duncan
Regulatory Analyst
Valent U.S.A. LLC
1600 Rivera Ave., Suite 200
Walnut Creek, CA 94596-8025

Subject: Label Amendment – Updating Water Soluble Packaging Language as Part of
Registration Review and Revising Resistance Management, Tank Mix, and Other Text
Product Name: S-1812 PPG Insecticide
EPA Registration Number: 59639-125
Application Date: October 3, 2017
Resubmission Date: June 8, 2020
Decision Number: 539330

Dear Mr. Duncan:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is attached for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. “To distribute or sell” is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

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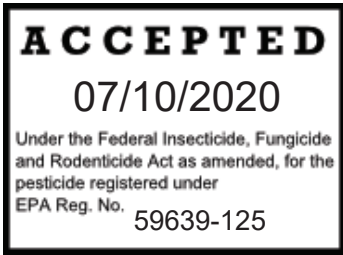
Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Debra Rate by phone at (703) 306-0309, or via email at rate.debra@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael Walsh", written in a cursive style.

Michael Walsh
Product Manager 11
Invertebrate & Vertebrate Branch 2
Registration Division
Office of Pesticide Programs

Attachment



Note: Bolded italicized text is information for the reader and is not part of the label.

S-1812 PPG **(INSECTICIDE)**

For use in enclosed commercial greenhouses only. Not for residential use.

Active Ingredient	By Wt
Pyridalyl*	35%
Other Ingredients	<u>65%</u>
Total	100%

*Pyridine, 2-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propenyl)oxy]phenoxy]propoxy]-5-(trifluoromethyl)

KEEP OUT OF REACH OF CHILDREN

CAUTION

EPA Reg. No. 59639-125

SEE BELOW FOR ADDITIONAL PRECAUTIONARY STATEMENTS

NET CONTENTS _____

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS
CAUTION**

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

FIRST AID

If in eyes:

- 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

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact **800-892-0099** for emergency medical treatment information.

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

- Long-sleeved shirt and long pants
- Protective eyewear such as goggles or safety glasses
- Waterproof gloves
- Shoes plus socks.

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.

ENGINEERING CONTROLS STATEMENT

Water soluble packets, when used correctly, qualify as a closed mixing/loading system under the Worker Protection Standard [40 CFR 170.607 (d)]. Mixers and loaders handling this product while it is enclosed in intact water soluble packets may elect to wear reduced PPE of long-sleeved shirt, long pants, shoes and socks. When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "applicators and other handlers" and have such PPE immediately available for use in emergency, such as a spill or equipment break-down.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands thoroughly with soap and water 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.
- 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 pesticide is toxic to fish and invertebrates. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. 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.

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

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, 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. 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
- Waterproof gloves
- Shoes plus socks.

**DISCLAIMER, RISKS OF USING THIS PRODUCT,
LIMITED WARRANTY
AND LIMITATION OF LIABILITY**

IMPORTANT: Read the entire Label including this Disclaimer, Risks of Using this Product, Limited Warranty, and Limitation of Liability before using this product. If the terms are not acceptable THEN DO NOT USE THE PRODUCT; rather, return the unopened product within 15 days of purchase for a refund of the purchase price.

RISKS OF USING THIS PRODUCT

The Buyer and User (referred to collectively herein as "Buyer") of this product should be aware that there are inherent unintended risks associated with the use of this product which are impossible to eliminate. These risks include, but are not limited to, injury to plants and crops to which this product is applied, lack of control of the target pests or weeds, resistance of the target pest or weeds to this product, injury caused by drift, and injury to rotational crops caused by carryover in the soil. Such risks of crop injury, non-performance, resistance or other unintended consequences are unavoidable and may result because of such factors as weather, soil conditions, disease, moisture conditions, irrigation practices, condition of the crop at the time of application, presence of other materials either applied in the tank mix with this product or prior to application of this product, cultural practices or the manner of use or application, (or a combination of such factors) all of which are factors beyond the control of Valent. The Buyer should be aware that these inherent unintended risks may reduce the harvested yield of the crop in all or a portion of the treated acreage, or otherwise affect the crop such that additional care, treatment and expense are required to take the crop to harvest. If the Buyer chooses not to accept these risks, THEN THIS PRODUCT SHOULD NOT BE APPLIED. By applying this product Buyer acknowledges and accepts these inherent unintended risks AND TO THE EXTENT CONSISTANT WITH APPLICABLE LAW, AGREES THAT ALL SUCH RISKS ASSOCIATED WITH THE APPLICATION AND USE ARE ASSUMED BY THE BUYER.

To the extent consistent with applicable law, Valent shall not be responsible for losses or damages (including, but not limited to, loss of yield, increased expenses of farming the crop or such incidental, consequential or special damages that may be claimed) resulting from use of this product in any manner not set forth on the label. To the extent consistent with applicable law, Buyer assumes all risks associated with the use of this product in any manner or under conditions not specifically directed or approved on the label.

LIMITED WARRANTY

To the extent consistent with applicable law, Valent warrants only that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the label, under average use conditions, when used strictly in accordance with the label and subject to the Risks of Using This Product as described above. To the extent consistent with applicable law AND AS SET FORTH ABOVE, VALENT MAKES NO OTHER WARRANTIES, EITHER EXPRESSED OR IMPLIED. No agent or representative of Valent or Seller is authorized to make or create any other express or implied warranty.

LIMITATION OF LIABILITY

To the extent allowed by law, Valent or Seller is not liable for any incidental, consequential, indirect or special damages resulting from the use or handling of this product. The limitation includes, but is not limited to, loss of yield on all or any portion of the treated acreage, increased care, treatment or other expenses required to take the crop to harvest, increased finance charges or altered finance ratings, emotional or mental distress and/or exemplary damages. TO THE EXTENT CONSISTANT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE BUYER, AND THE EXCLUSIVE MAXIMUM LIABILITY OF VALENT OR SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT SHALL BE THE RETURN OF THE PURCHASE PRICE OF THIS PRODUCT OR, AT THE ELECTION OF VALENT OR SELLER, THE REPLACEMENT OF THE PRODUCT.

PROMPT NOTICE OF CLAIM

To the extent consistent with applicable law allowing such requirements Valent must be provided notice as soon as Buyer has reason to believe it may have a claim, but in no event later than twenty-one days from date of planting, or twenty-one days from the date of application, whichever is latter, so that an immediate inspection of the affected property and growing crops can be made.

To the extent consistent with applicable law if Buyer does not notify Valent of any claims, in such period, it shall be barred from obtaining any remedy.

NO AMENDMENTS

Valent and Seller offer this product, and Buyer accepts it, subject to the foregoing Disclaimer, Risks of Using This Product, Limited Warranty and Limitation of Liability, which may not be modified by any oral or written agreement.

TANK MIXES

NOTICE: Tank mixing or use of this product with any other product which is not specifically and expressly authorized by the label shall be the exclusive risk of user, applicator and/or application advisor.

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.

WATER SOLUBLE PACKAGING

Instructions for Using Water Soluble Packages Directly into Spray Tanks:

Water Soluble Packages (WSPs) are designed to dissolve in water. Agitation may be used, if necessary, to help dissolve the WSP. Failure to follow handling and mixing instructions can increase your exposure to the pesticide products in WSPs. WSPs, when used properly, qualify as a closed mixing/loading system under the Agricultural Worker Protection Standard [40 CFR 170.607(d)].

Handling Instructions

Follow these steps when handling pesticide products in WSPs.

1. Mix in spray tank only.
2. Handle WSP(s) in a manner that protects package from breakage and/or unintended release of contents. If package is broken, put on PPE required for clean-up and then continue with mixing instructions.
3. Keep the WSP(s) in outer packaging until just before use.
4. Keep the WSP dry prior to adding to the spray tank.
5. Handle with dry gloves and according to the label instructions for PPE.
6. Keep WSP intact. Do not cut or puncture WSP.
7. Reseal the WSP outer packaging to protect any unused WSP(s).

Mixing Instructions

Follow the steps below when mixing this product, including if tank mixed with other pesticide products. If being tank mixed, the mixing directions 1 through 9 below take precedence over the mixing directions of the other tank mix products. WSPs may, in some cases, be mixed with other pesticide products so long as the directions for use of all mixed products do not conflict. Do not tank mix this product with products that prohibit tank mixing or have conflicting mixing directions.

1. If a basket or strainer is present in the tank hatch, remove prior to adding the WSP to the tank.
2. Fill tank with water to approximately one-third to one-half of the desired final volume of spray.
3. Stop adding water and stop any agitation.
4. Place intact/unopened WSP(s) into the tank.
5. Do not spray water from a hose or fill pipe to break or dissolve the WSP(s).
6. Start mechanical and recirculation agitation from the bottom of tank without using any overhead recirculation, if possible. If overhead recirculation cannot be turned off, close the hatch before starting agitation.
7. Dissolving the WSP(s) may take up to 5 minutes or longer, depending on water temperature, water hardness and intensity of agitation.
8. Stop agitation before tank lid is opened.
9. Open the lid to the tank, exercising caution to avoid contact with dusts or spray mix, to verify that the WSPs have fully dissolved and the contents have been thoroughly mixed into the solution.

10. Do not add other allowed products or complete filling the tank until the bags have fully dissolved and pesticide is thoroughly mixed.
11. Once the WSP have fully dissolved and any other products have been added to the tank, resume filling the tank with water to the desired level, close the tank lid, and resume agitation.
12. Use the spray solution when mixing is complete.
13. Maintain agitation of the diluted pesticide mix during transport and application.
14. It is unlawful to use any registered pesticide, including WSPs, in a manner inconsistent with its label.

PRODUCT INFORMATION

Do not apply this product through any type of irrigation system. Not for use by homeowners.

S-1812 PPG is a wettable powder insecticide containing 35 percent active ingredient pyridalyl for enclosed greenhouse use. *S-1812 PPG* provides control of thrips (including Western flower thrips) and the larvae of various lepidopteran insect pests infesting greenhouse grown ornamentals, including flowering and foliage crops, ground covers, shrubs and ornamental trees, and non-bearing fruit and nut trees grown indoors. *S-1812 PPG* may also be applied to greenhouse grown transplants of head and stem brassica (Subgroup 5A), fruiting vegetables (except cucurbits) (Crop group 8) and leafy vegetables (except brassica vegetables) (Crop group 4).

S-1812 PPG controls insects by both contact and ingestion activity, although contact activity is dominant and faster than ingested activity. Reapplication of *S-1812 PPG* to maintain insect control should be repeated only as directed.

S-1812 PPG also has strong translaminar activity on a variety of plants, including poinsettia, hibiscus, gerbera daisy and chrysanthemums. *S-1812 PPG* applied to the upper leaf surface will rapidly penetrate the leaf cuticle, and can subsequently be ingested by immature and adult insects feeding on the lower leaf surface. Therefore, even in cases where it is difficult to achieve thorough under-leaf spray coverage, *S-1812 PPG* can still provide highly effective control.

MANAGING INSECT RESISTANCE

S-1812 PPG is intended for use in Integrated Pest Management (IPM) and/or Integrated Resistance Management (IRM) programs and it is recommended for use in combination and/or rotation with other IPM or IRM materials. *S-1812 PPG* does not significantly impact most natural predaceous arthropod complexes including ladybird beetles, lacewings and predatory bugs. The feeding activities of these predatory beneficials will aid in extending natural control of other insect pests and reduce the likelihood of secondary pest outbreaks.

To optimize resistance management practices, do not apply *S-1812 PPG* more than three times per cropping cycle or no more than three times per six months. Repeated use of the same class of insecticides, or insecticides with similar modes of action can lead to the buildup of resistant insect strains. *S-1812 PPG* should be used in alternation with other insecticides possessing dissimilar modes of action and/or with other chemical classes of insecticides. Follow local, state, and federal IPM and IRM recommendations.

RESISTANCE MANAGEMENT

For resistance management, *S-1812 PPG* Insecticide contains the active ingredient Pyridalyl. Any insect population may contain individuals naturally resistant to *S-1812 PPG* Insecticide. The resistant individuals may dominate the insect population if this insecticide is used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

To delay insecticide resistance, take the following steps:

- Rotate the use of *S-1812 PPG* within a growing season, or among growing seasons, with different active ingredient groups that control the same pests.
- Use tank mixtures with insecticides from a different group that are equally effective on the target pest when such use is permitted. Do not rely on the same mixture repeatedly for the same pest population. Consider any known cross-resistance issue (for the targeted pests) between the individual components of the mixture. In addition, consider the following recommendations provided by the Insecticide Resistance Action Committee (IRAC).
 - Individual insecticides selected for use in mixtures should be highly effective and be applied at the rates at which they are individually registered for use against the target species.
 - Mixtures with components having the same IRAC mode of action classification are not recommended for insect resistance management.
 - When using mixtures, consider any known cross-resistance issues between the individual components for the targeted pest(s).
 - Mixtures become less effective if resistance is already developing to one or both active ingredients, but they may still provide pest management benefits.
 - The insect resistance management benefits of an insecticide mixture are greatest if the two components have similar periods of residual insecticidal activity. Mixtures of insecticides with unequal periods of residual insecticide activity may offer an insect resistance management benefit only for the period where both insecticides are active.
- Adopt an integrated pest management program for insecticide use that includes scouting, uses historical information related to pesticide use, crop rotation, record keeping, and which considers cultural, biological and other chemical control practices.
- Monitor after application for unexpected target pest survival. If the level of survival suggests the presence of resistance, consult with your local university specialist or certified pest control advisor.
- Contact your local extension specialist or certified crop advisor for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area.
- For further information or to report suspected resistance contact Valent U.S.A. LLC at 800-6-VALENT (682-5368).

PLANT SENSITIVITY

IMPORTANT: The large number of existing ornamental species and their varieties and cultivars coupled with the constant introduction of new varieties makes it impossible to field test *S-1812 PPG* in every locale where it is sold or in all of the combinations of location and plant variety. Further differences include the soil or media type, pH, moisture or fertility, environmental conditions such as temperature, lighting or degree-days and horticultural practice and the manner of use and application of this product. To ensure that *S-1812 PPG* is compatible with the ornamental plant variety or cultivar under your specific conditions, test this product on a limited scale and observe for phytotoxicity or other unintended effects for two weeks before making large scale applications.

CONTROLLING PESTICIDE RUNOFF

Do not allow pesticide spray solution to run off outside of the application area. Do not use in greenhouses that discharge irrigation runoff to surface water drains. If applied in an area with a non-permeable floor and a floor drainage system, excess application spray or irrigation runoff must be collected and subjected to secondary wastewater treatment.

For Use in California

Do not allow pesticide spray solution to run off outside of the application area. Do not use in greenhouses that discharge irrigation runoff to either surface water (*via* drains or by other means), or to sanitary sewer systems that eventually reach Publicly Operated Treatment Works (POTWs).

MIXING INSTRUCTIONS

Prepare no more spray mixture than is necessary for the immediate operation. Thoroughly clean spray equipment before using this product. Agitate thoroughly before and during application. Flush spray tank thoroughly with clean water daily after use and dispose of pesticide rinsate by application to a previously treated area. Add 1/2 of the required amount of water to the spray or mix tank. With the agitator running, drop the required number of unopened packets into the spray tank. Continue agitation while adding the remainder of the water. **Do not add any additional tank mix ingredients such as liquid fertilizers, micronutrients or other plant protection products to the spray solution until after the packet has completely dissolved and the content is completely dispersed.** Water soluble packet(s) should completely dissolve in approximately five minutes. Dissolution rate may be slowed by cold water or lack of agitation. Begin application of the spray solution after *S-1812 PPG* has been added and completely dispersed into the mix water. Maintain agitation until all of the mixture has been applied.

COMPATIBILITY

S-1812 PPG is compatible with most commonly used insecticides and fungicides. When using *S-1812 PPG* in tank mixes with other pesticides, observe all directions for use and precautions on the respective tank mix label. When making an application of a tank mix for the first time, it is recommended that physical compatibility be checked and that a few plants be treated and observed for phytotoxicity or other unintended effects for two to four weeks before making large scale applications.

APPLICATION EQUIPMENT

Apply *S-1812 PPG* dispersed in water using suitable hand or power-operated application equipment such as portable, pump-up, backpack, hydraulic, or boom sprayers in a manner to provide complete and uniform coverage.

LOW VOLUME SYSTEMS

S-1812 PPG has been evaluated and shown to be effective for foliar applications when applied through Electrostatic Spraying Systems MaxCharge™ Systems, PulsFOG® Systems, or other low volume systems. To calculate the amount of product to be applied, use the appropriate amount of *S-1812 PPG* for the square footage to be treated with spray as listed. The amount of carrier (water) is dependent on the amount needed for adequate coverage.

Directions for Use on Enclosed Greenhouse Grown Commodities: Shrubs, Ornamentals, Flowering Plants, Foliage Plants, Bedding Plants, Ground Covers, Ornamental Trees, Non-Bearing Fruit, Nut Trees and Vines

PESTS	PRODUCT RATE	APPLICATION METHOD	USE DIRECTIONS
<p>Thrips including: Chilli Thrips Western Flower Thrips</p> <p>Lepidopterous larvae including: Azalea Caterpillar Beet Armyworm Cabbage Looper Fall Webworm Gypsy Moth Nantucket Pine Tip Moth Southern Armyworm Spruce Budworm Tent Caterpillars Tobacco Budworm Tomato Hornworm Yellowstriped Armyworm</p>	<p>8 oz/100 gals (0.175 lb ai/100 gals) (Use four (4) 2oz WSP per 100 gals)</p>	<p>Foliar Spray 100 gals of spray mix will treat 20,000 sq ft of area.</p>	<p>Apply the spray mixture uniformly to all plant surfaces and to the point of runoff.</p> <p>Do not apply <i>S-1812 PPG</i> more than three times per cropping cycle or no more than three times per six months.</p> <p>Thrips: Make first application when thrips begin to appear. If necessary, make a second application 14 to 28 days after the first application. Use longer interval for newly established infestations and when plants are not rapidly flushing new growth. Use shorter interval for established infestations and/or when plants are rapidly flushing new growth.</p> <p>Lepidopterous larvae: Apply when larvae are small, exposed and actively feeding. For Tent Caterpillar larvae, apply early when webs are first observed and direct the spray into the web and surrounding foliage within at least three feet of the nest.</p>
<p>RESTRICTIONS</p> <ul style="list-style-type: none"> Do not apply this product through any type of irrigation system. Not for use by homeowners. 			
<p>NOTE: Since ornamental varieties are numerous, constantly changing, and may react differently to <i>S-1812 PPG</i> and tank mixtures including <i>S-1812 PPG</i>, test the product(s) on a small scale before making large-scale applications.</p>			

Directions for Use on Vegetable Transplants Grown in Enclosed Greenhouses

CROPS	PESTS	PRODUCT RATE	USE DIRECTIONS
Head and Stem Brassica Subgroup 5A ¹	Beet Armyworm Cabbage Looper Diamondback Moth Imported Cabbageworm Southern Armyworm Thrips including: Chilli Thrips Western Thrips Yellowstriped Armyworm	4 oz/20,000 sq ft (0.19 lb ai/A) (Use two (2) 2oz WSP per 20,000 sq ft)	Apply <i>S-1812 PPG</i> as a foliar spray in adequate water for uniform coverage (100 gals/20,000 sq ft). Begin application when insects reach economic threshold and repeat as needed to maintain control, but not more often than every 14 days. <i>S-1812 PPG</i> should be used in alternation with other insecticides possessing dissimilar modes of action and/or with other chemical classes of insecticides. Full effectiveness does not occur until 3 days after application.
Fruiting Vegetables (except Cucurbits) Crop Group 8 ²	Beet Armyworm Corn Earworm Diamondback Moth Southern Armyworm Thrips including: Chilli Thrips Western Thrips Tomato Fruitworm Tobacco Hornworm Tomato Hornworm Yellowstriped Armyworm	4 oz/20,000 sq ft (0.19 lb ai/A) (Use two (2) 2oz WSP per 20,000 sq ft)	
Leafy Vegetables (except Brassica Vegetables) Crop Group 4 ³	Beet Armyworm Cabbage Looper Corn Earworm Diamondback Moth Imported Cabbageworm Southern Armyworm Thrips including: Chilli Thrips Western Thrips Yellowstriped Armyworm	4 oz/20,000 sq ft (0.19 lb ai/A) (Use two (2) 2oz WSP per 20,000 sq ft)	Cabbage Looper: In Arizona and Texas an additional insecticide may have to be added to <i>S-1812 PPG</i> to obtain satisfactory control. Fruiting Vegetables: The use of <i>S-1812 PPG</i> on tomatoes is restricted to varieties that grow to greater than 2 inches in diameter.

RESTRICTIONS

- Do not apply *S-1812 PPG* more than three times per cropping cycle or no more than three times per six months.
- For Head and Stem Brassica:** Do not apply *S-1812 PPG* within 3 days of harvest.
- For Fruiting Vegetables and Leafy Vegetables:** Do not apply *S-1812 PPG* within 1 day of harvest.
- Do not apply this product through any type of irrigation system.
- Not for use by homeowners.

¹Head and Stem Brassica Subgroup 5A: Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Cavalo Broccolo, Chinese Broccoli, Chinese (Napa) Cabbage, Chinese Mustard and Kohlrabi

²Fruiting Vegetables (except Cucurbits) Crop Group 8: Eggplant, Groundcherry (*Physalis* spp), Pepino, Pepper (Includes Bell Pepper, Chili Pepper, Cooking Pepper, Pimento, Sweet Pepper), Tomatillo and Tomato

³Leafy Vegetables (except Brassica Vegetables) Crop Group 4: Amaranth (Chinese Spinach), Arugula (Roquette), Cardoon, Celery, Celtuce, Chervil, Chinese Celery, Chrysanthemum (edible-leaved), Chrysanthemum Garland, Corn Salad, Dandelion, Dock (Sorrel), Endive (Escarole), Florence Fennel, Garden Cress, Lettuce (Head and Leaf), New Zealand Spinach, Orach, Parsley, Purslane, Radicchio (Red Chicory), Rhubarb, Spinach, Swiss Chard, Upland Cress, Vine Spinach and Winter Purslane

STORAGE AND DISPOSAL

PESTICIDE STORAGE

- Do not put concentrate or dilute into food or drink containers.
- Store in a cool dry place.
- Do not contaminate food or foodstuffs.
- Do not store or transport near feed or food.
- Keep pesticide in original container.

PESTICIDE DISPOSAL

Waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Open dumping is prohibited.

CONTAINER HANDLING

Nonrefillable container. Do not reuse or refill the outer bag. Dispose of outer bag in a sanitary landfill or by incineration, or other procedures allowed by State and local authorities.

For help with any spill, leak, fire or exposure involving this material, call day or night 800-892-0099.

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PulsFOG is a registered trademark of Dramm Corporation
MaxCharge Systems is a trademark of Electrostatic Spraying Systems, Inc.

Manufactured for:

Valent U.S.A. LLC

P.O. Box 8025

Walnut Creek, CA 94596-8025

Made in U.S.A.

EPA Reg. No. 59639-125

EPA Est.

059639-00125.20200706.S1812PPG.AMEND.WSP.Clean

Information below to be used on the Water Soluble Packaging only.

S-1812 PPG
(INSECTICIDE)

Active Ingredient	By Wt.
Pyridalyl (Pyridine, 2-[3-[2,6-dichloro-4- [(3,3-dichloro-2-propenyl)oxy]phenoxy] propoxy]-5-(trifluoromethyl)	35%
Other Ingredients	<u>65%</u>
Total	100%

EPA Reg. No. 59639-125

KEEP OUT OF REACH OF CHILDREN

CAUTION

REFER TO OUTER CONTAINER LABEL FOR USE
DIRECTIONS AND PRECAUTIONS.

NET WEIGHT _____