UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

June 4, 2020

ZENNA BURKE
SENIOR REGULATORY MANAGER
VALENT U.S.A. LLC
1600 RIVIERA AVE., SUITE 200
WALNUT CREEK, CA 94596-8025

Subject: Label Amendment – Add a statement to the Environmental Hazards Section
Product Name: V-10135 3.34 SC Fungicide
EPA Registration Number: 59639-196
Application Date: 02/27/2020
Decision Number: 561697

Dear Ms. Burke:

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 enclosed 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.

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 Francisco Llarena-Arias by phone at 703-347-0459, or via email at llarena-arias.francisco@epa.gov.

Shaja B. Joyner, Product Manager 20
Fungicide-Herbicide Branch
Registration Division 7505P

Enclosure

VALENT®

FENPYRAZAMINE	GROUP	17	FUNGICIDE

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

[Bracketed text is optional]

V-10135 3.34 SC Fungicide

FOR CONTROL OF CERTAIN DISEASES IN ALMOND, BLUEBERRY, CANEBERRY, GINSENG, GRAPE, LETTUCE (HEAD AND LEAF), PISTACHIO, STRAWBERRY AND ORNAMENTALS

Active Ingredient	By Wt
Fenpyrazamine*	36.13%
Other Ingredients	63.87%
Total	100.00%

*5-amino-2,3-dihydro-2-(1-methylethyl)-4-(2-methylphenyl)-3-oxo-1*H*-pyrazole-1-carbothioic acid, *S*-2-propen-1-yl ester

V-10135 3.34 SC Fungicide is a suspension concentrate containing 3.34 pounds active ingredient per gallon.

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE NEXT PAGE [BOOKLET] FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

EPA Reg. No. 59639-196

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FIRST AID	
If swallowed:	• Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If on skin:	• 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.
HOTLINE 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.	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Applicators and other handlers must wear: long-sleeved shirt and long pants, chemical-resistant gloves made of any waterproof material, socks and shoes.

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

For terrestrial uses: This pesticide is highly toxic to oysters and shrimp. **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.

Ground Water Advisory: This chemical has properties and characteristics associated with chemicals detected in ground water. This chemical may leach into ground water if used in areas where soils are permeable, particularly where the water table is shallow.

Surface Water Advisory: This product may impact surface water quality due to runoff of rainwater. This is especially true for poorly draining soils and soils with shallow ground water. This product is classified as having a high potential for reaching surface water via runoff for several months or more after application. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential loading of fenpyrazamine. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours.

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 are allowed to 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, gloves made of any waterproof material such as natural rubber ≥ 14 mils, socks and shoes.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, greenhouses or sod farms.

Keep all unprotected persons out of operating areas or vicinity where there may be drift. **DO NOT** enter treated areas without protective clothing until sprays have dried.

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 FULLEST EXTENT ALLOWED BY LAW, AGREES THAT ALL SUCH RISKS ASSOCIATED WITH THE APPLICATION AND USE ARE ASSUMED BY THE BUYER.

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. 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

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 fullest 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 FULLEST EXTENT ALLOWED BY 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.

Read and follow the entire label of each product to be used in the tank mix with this product.

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PRODUCT INFORMATION

V-10135 3.34 SC Fungicide is formulated with 3.34 lb active ingredient per gallon. The active ingredient in *V-10135* 3.34 SC Fungicide is fenpyrazamine. *V-10135* 3.34 SC Fungicide is locally systemic and is quickly absorbed into plant tissue, providing translaminar activity.

V-10135 3.34 SC Fungicide is a protectant and apply prior to infection. Optimal disease control is achieved when *V-10135* 3.34 SC Fungicide is applied in a regularly scheduled spray program used in combination and/or rotation with other effective fungicides that have different modes of action (i.e., non-Group 17 fungicides).

MODE OF ACTION

The active ingredient in *V-10135* 3.34 SC Fungicide, fenpyrazamine, belongs to the amino-pyrazolinone group of fungicides classified by the Fungicide Resistance Action Committee (FRAC) as a Group 17 fungicide. As with other Group 17 fungicides, fenpyrazamine acts by inhibiting 3-keto reductase involved in C4-demethylation during ergosterol biosynthesis. This results in the inhibition of germ tube elongation and mycelial growth in targeted fungal pathogens.

RESISTANCE MANAGEMENT

For resistance management, V-10135 3.34 SC Fungicide contains a Group 17 fungicide. Any fungal population may contain individuals naturally resistant to V-10135 3.34 SC Fungicide and other Group 17 fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same fields. Follow the appropriate resistance-management strategies.

To delay fungicide/bactericide resistance, take one or more of the following steps:

- Rotate the use of V-10135 3.34 SC Fungicide or other Group 17 fungicides/bactericides within a growing season sequence with different groups that control the same pathogens.
- Use tank mixtures with fungicide/bactericides from a different group that are equally effective on the target pest when such use is permitted. Use at least the minimum application rate as labeled by the manufacturer.
- Adopt an integrated disease management program for fungicide/bactericide use that includes scouting, uses historical information related to pesticide use, and crop rotation, and which considers host plant resistance, impact of environmental conditions on disease development, disease thresholds, as well as cultural, biological and other chemical control practices.
- Where possible, make use of predictive disease models to effectively time fungicide/bactericide applications. Note that using predictive models alone is not sufficient to manage resistance.
- Monitor treated fungal populations for resistance development.
- Contact your local extension specialist or certified crop advisor for any additional pesticide resistance-management and/or 1PM recommendations for specific crops and pathogens.
- For further information or to report suspected resistance contact Valent U.S.A. LLC at (1-800-6-VALENT (682-5368). You can also contact your pesticide distributor or university extension specialist to report resistance.

RAINFASTNESS

V-10135 3.34 SC Fungicide is rainfast 2 hours after application. **DO NOT** make applications if rain is expected within 2 hours of application or disease control may be reduced.

JAR TEST TO DETERMINE COMPATIBILITY OF ADJUVANTS AND *V-10135* 3.34 SC FUNGICIDE

Perform a jar test before mixing commercial quantities of *V-10135* 3.34 SC Fungicide when using this product for the first time, when using new adjuvants, when using new tank mixes, or when using a new water source. When an adjuvant is to be used with this product, Valent advises the use of a Chemical Producers and Distributors Association certified adjuvant.

1. Add 1 pint of water to a quart jar. Use water from the same source and temperature as that to be used in the spray tank mixing operation.
2. Add 6 ml of *V-10135* 3.34 SC Fungicide to the quart jar, gently mix until product goes into suspension.
3. Add 1 ml of new adjuvant or and/or appropriate amount of new tank mix partner and gently mix.
4. Place cap on jar, invert 10 times, let stand for 15 minutes, evaluate.
5. An acceptable tank mix combination will have a smooth, uniform appearance. If any of the following conditions are observed, question the choice of spray mix components:
    a) Layer of oil or globules on the mixture's surface.
    b) Flocculation: formation of fluffy, cloudlike aggregates or masses in suspension or as a layer on the bottom of the jar.
    c) Clabbering: Thickening texture (coagulated) like gelatin or cottage cheese.

SPRAYER PREPARATION

Before applying *V-10135* 3.34 SC Fungicide, start with clean, well maintained application equipment. The spray tank hoses and booms must be cleaned to ensure no residue from previous spraying operations remain in the sprayer. Clean the spray equipment according to the manufacturer's directions for the last product used before the equipment is used to apply *V-10135* 3.34 SC Fungicide. If two or more products were tank mixed prior to *V-10135* 3.34 SC Fungicide application, follow the most restrictive cleanup procedure.

MIXING INSTRUCTIONS

1. Fill clean spray tank 1/2 to 2/3 of desired level with clean water.
2. While agitating, slowly add the *V-10135* 3.34 SC Fungicide to the spray tank. Agitation creates a rippling or rolling action on the water surface.
3. If tank mixing *V-10135* 3.34 SC Fungicide with other labeled pesticides, add water soluble bags first, followed by dry formulations, flowables, emulsifiable concentrates and then solutions.
4. Add any required adjuvants.
5. Fill spray tank to desired level with water. Continue agitation until all spray solution has been applied.
6. Mix only the amount of spray solution that can be applied the day of mixing. Apply *V-10135* 3.34 SC Fungicide within 24 hours of mixing.

SPRAYER CLEANUP
Clean spray equipment each day following *V-10135* 3.34 SC Fungicide application. After application is complete, use the following steps to clean the spray equipment:

1. Completely drain the spray tank, rinse the sprayer thoroughly, including the inside and outside of the tank and all in-line screens.
2. Fill the spray tank with clean water and flush all hoses, booms, screens and nozzles.
3. Drain tank completely.
4. Remove all nozzles and screens and rinse them in clean water.

APPLICATION EQUIPMENT
Use application equipment that is clean and in good repair. Frequently check nozzles for accuracy.

CARRIER VOLUME
Apply *V-10135* 3.34 SC Fungicide in sufficient water to ensure thorough coverage of foliage, blossoms and fruit. Thorough coverage is required for optimal disease control. Follow individual "CROP SPECIFIC DIRECTIONS, RESTRICTIONS, AND LIMITATIONS" for appropriate spray volumes.

MANDATORY SPRAY DRIFT

Aerial Application

- **DO NOT** release spray at a height greater than 10 feet above the vegetative canopy, unless a greater application height is necessary for pilot safety.
- For aerial application, applicators are required to use a medium or coarser droplet size (ASABE S572.1).
- The boom length must not exceed 75% of the wingspan for airplanes or 90% of the rotor blade diameter for helicopters.
- Applicators must use 1/2 swath displacement upwind at the downwind edge of the field.
- Nozzles must be oriented so the spray is directed toward the back of the aircraft.
- **DO NOT** apply when wind speeds exceed 10 miles per hour at the application site.
- **DO NOT** apply during temperature inversions.

Ground Boom Application

- Apply with the nozzle height recommended by the manufacturer, but no more than 3 feet above the ground or crop canopy.
- **DO NOT** apply when wind speeds exceed 10 miles per hour at the application site.
- **DO NOT** apply during temperature inversions.

SPRAY DRIFT ADVISORIES
THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT.
BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

IMPORTANCE OF DROPLET SIZE
An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

Controlling Droplet Size – Ground Boom

- Volume – Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.
- Pressure – Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.
- Spray Nozzle – Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

Controlling Droplet Size – Aircraft

- Adjust Nozzles – Follow nozzle manufacturer's recommendations for setting up nozzles. Generally, reduce fine droplets, nozzles should be oriented parallel with the airflow in flight.

BOOM HEIGHT – Ground Boom

Use the lowest boom height that is compatible with the spray nozzles that will provide uniform coverage. For ground equipment, the boom should remain level with the crop and have minimal bounce.

SHEILDED SPRAYERS

Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

TEMPERATURE AND HUMIDITY

When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

TEMPERATURE INVERSIONS

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing. Avoid applications during temperature inversions.

WIND

Apply at wind speeds between 2 and 10 miles per hour. Drift potential generally increases with increased wind speed. Inversion potential generally increases with low wind speeds. AVOID APPLICATIONS DURING GUSTY OR NO WIND CONDITIONS. Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

AERIAL APPLICATION
To minimize drift, apply the largest droplet size consistent with uniform coverage and satisfactory disease control. To obtain satisfactory application and avoid drift, the following directions must be observed:

DO NOT apply during low level inversion conditions, when winds are gusty or under other conditions that favor drift.

- **Carrier Volume and Spray Pressure**
  DO NOT exceed the nozzle manufacturer's recommended pressures. For many nozzle types, lower pressures produce larger droplets. When higher flow rates are needed, use higher flow rate nozzles instead of increasing pressure.

- **For Aerial Application on Row Crops:** use a minimum of 5 gal of water per acre (7 gal or more of water, generally afford more consistent disease control).

- **For Aerial Application on Orchards/Vineyards:** use a minimum of 20 gal of water per acre.

- **Nozzle Selection and Orientation**
  Formation of very small drops may be minimized by appropriate nozzle selection, by orienting nozzles away from the air stream as much as possible and by avoiding excessive spray pressure. Use nozzles that produce flat fan or cone spray patterns. Use non-drip type nozzles, such as diaphragm type nozzles, to avoid unwanted discharge of spray solution.

- **Adjuvants and Drift Control Additives**
  Refer to tank mix partner's label for adjuvant recommendations. Drift control additives may be used. For drift control, coarser sprays through appropriate nozzle and pressure selection are usually more effective. When a drift control additive is used, read and carefully observe the cautionary statements and all other information appearing on the additive label. Test all of the tank mix and nozzle types being used for compatibility.

Note to EPA Reviewer: If this product is marketed without chemigation, then the following statement will be used instead of the chemigation section.

["**DO NOT** apply this product through any type of irrigation system."]

CHEMIGATION

Through Irrigation Systems

V-10135 3.34 SC Fungicide may be applied through irrigation systems alone or in combination with other products which are also registered for sprinkler application. Apply this product only through center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set or hand move irrigation systems. **DO NOT** apply this product through any other type of irrigation system. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water. If you have questions about calibration, contact your State Extension Service specialist, equipment manufacturer or other experts. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments.

Using Water from Public Water Systems

- **DO NOT apply *V-10135* 3.34 *SC* Fungicide through any irrigation system physically connected to a public water system.**

Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days per year. *V-10135* 3.34 *SC* Fungicide may be applied through irrigation systems which may be supplied by a public water system only if the water from the public water system is discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and to top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe. Before beginning chemigation, always make sure that the air gap exists and that there is no blockage of the overflow of the reservoir tank.]

[Any irrigation system using water supplied from a public water system must also meet the following requirements:

Operating Instructions for All Specified Types of Irrigation Systems

1. The system must be calibrated to uniformly apply the rates specified. If you have questions about calibration, contact your State Extension Service specialist, equipment manufacturer or other experts.
2. The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
3. The pesticide injection pipeline must contain a functional, automatic, quick closing check valve to prevent the flow of fluid back toward the injection pump.
4. The pesticide injection pipeline must also contain a functional, normally closed, solenoid operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
5. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.

6. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
7. Systems must use a metering pump, for example a positive displacement injection pump (e.g., diaphragm pump), that effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
8. **DO NOT** apply when wind speed favors drift beyond the area intended.

Calibration and Application Instructions
Apply *V-10135* 3.34 *SC* Fungicide under the schedule specified in the specific crop use directions, not according to the irrigation schedule, unless the events coincide. Set the equipment to apply the minimum amount of water per acre. Run the system at 85 to 90% of the manufacturer's maximum rated travel speed.

The following calibration and application techniques are provided for user reference, but do not constitute a warranty of fitness for application through sprinkler irrigation equipment. Check with state and local regulatory agencies for potential use restrictions before applying any agricultural chemical through sprinkler irrigation equipment.

Center Pivot Irrigation Equipment
1. Use only drive systems that provide uniform water distribution.
2. **DO NOT** use end guns when chemigating *V-10135* 3.34 *SC* Fungicide through center pivot systems because of non-uniform application.
3. Plug the first nozzle closest to the well head to protect the water source.
4. Determine the size of the area to be treated.
5. Determine the time required to apply 0.1 to 0.25 inches of water over the area to be treated when the system and injection equipment are operated at normal pressures as advised by the equipment manufacturer. Run the system at 80 to 95% of the manufacturer's rated maximum travel speed.
6. Using water, determine the injection pump output when operated at normal line pressure.
7. Determine the amount of *V-10135* 3.34 *SC* Fungicide, and any tank mix partners, required to treat the area covered by the irrigation system.
8. Add the required amount of *V-10135* 3.34 *SC* Fungicide, and any tank mix partners, and sufficient water to meet the injection time requirements to the solution tanks. (See "Mixing Instructions" section of this label.)
9. Make sure the system is fully charged with water before starting injection of the *V-10135* 3.34 *SC* Fungicide solution. Time the injection to last at least as long as it takes to bring the system to full pressure.
10. Maintain constant agitation in the solution tank during the injection period.
11. Inject the specified amount of *V-10135* 3.34 *SC* Fungicide per acre continuously for one complete revolution of the system.
12. Stop the injection equipment after treatment is complete. Continue to operate the system until the *V-10135* 3.34 *SC* Fungicide solution has cleared all of the sprinkler heads.
13. Allow time for all lines to flush the pesticide through all nozzles before turning off irrigation water.

Lateral Move, End Tow, Side (Wheel) Roll, Traveler, Big Gun, Solid Set or Hand Move Irrigation Equipment

1. Determine the acreage covered by the sprinklers.
2. Fill injector solution tank with plain water and calibrate the flow rate of the system to deliver the contents of the tank over a 20 to 40 minute time interval.
3. Calculate the amount of product required to treat the area covered by the irrigation system.
4. Add the required amount of *V-10135* 3.34 *SC* Fungicide, and any other tank mix partners, into the same quantity of water used to calibrate the injection period. (See "Mixing Instructions" section of this label.)
5. Operate the system at the same pressure and time interval established during the calibration.
6. Inject specified amount of *V-10135* 3.34 *SC* Fungicide per acre for either a 20 to 40 minute period at the end of a regular irrigation set, or as a 20 to 40 minute injection as a separate application not associated with a regular irrigation to maximize retention of the insecticide by the foliage.
7. Stop injection equipment after treatment is completed. Continue to operate the system until the *V-10135* 3.34 *SC* Fungicide solution has cleared the last sprinkler head. To ensure lines are flushed and free from remaining pesticides, a dye indicator may be injected into the lines to mark the end of the application period.

Chemigation of Ornamentals

For chemigation to ornamental sites apply this product only through microirrigation (individual spaghetti tube), overhead irrigation or motorized calibrated irrigation equipment.

ROTATIONAL CROP RESTRICTIONS

CROPS	ROTATIONAL INTERVAL
Almond Blueberry (including Subgroup 13-07B) Caneberry (including Subgroup 13-07A) Ginseng Grape (including Subgroup 13-07F) Lettuce, Head and Leaf Pistachio Strawberry (including Subgroup 13-07G)	Immediately
All Other Crops	12 Months

RESTRICTIONS – ALL CROPS (except Ornamentals)

1. **DO NOT** apply more than the maximum rate per acre per year (see Table 1. *V-10135* 3.34 SC Fungicide Use Pattern Summary).
2. **DO NOT** apply more than the maximum rate per acre per application (see Table 1. *V-10135* 3.34 SC Fungicide Use Pattern Summary).
3. **DO NOT** make more than the total number of applications of *V-10135* 3.34 SC Fungicide per year (see Table 1. *V-10135* 3.34 SC Fungicide Use Pattern Summary).
4. Observe PHI intervals listed in Table 1. *V-10135* 3.34 SC Fungicide Use Pattern Summary.

Table 1. *V-10135* 3.34 SC Fungicide Use Pattern Summary

Crops	Minimum Time from Application to Harvest (PHI) Days	Maximum Rate per Acre per Application (fl oz)	Maximum Number of Sequential Applications	Maximum Number of Applications per Year	Maximum Rate per Acre per Year (fl oz)	Livestock Grazing or Feeding Restriction
Almond	21	14.5 (0.378 lb ai/A)	2	3	43.5 (1.134 lb ai/A)	No
Blueberry (including Subgroup 13-07B)	0	19 (0.5 lb ai/A)	2	3	57 (1.5 lb ai/A)	n/a
Caneberry (including Subgroup 13-07A)	0	19 (0.5 lb ai/A)	2	3	57 (1.5 lb ai/A)	n/a
Ginseng	2	19 (0.5 lb ai/A)	2	4	76 (2 lb ai/A)	n/a
Grape [(except table grapes and raisin grapes)] (including Subgroup 13-07F)	28	[14.5] [19] [(0.378 lb ai/A)] [(0.5 lb ai/A)]	2	3	[43.5] [57] [(1.134 lb ai/A)] [(1.5 lb ai/A)]	n/a
Lettuce (Head and Leaf)	14	19 (0.5 lb ai/A)	2	3	57 (1.5 lb ai/A)	n/a
Pistachio	21	14.5 (0.378 lb ai/A)	2	3	43.5 (1.134 lb ai/A)	No
Strawberry (including Subgroup 13-07G)	0	19 (0.5 lb ai/A)	2	4	76 (2 lb ai/A)	n/a

continued

CROP SPECIFIC DIRECTIONS, RESTRICTIONS AND LIMITATIONS

ALMOND				
Diseases	**Application Rates**		**When to Apply**	**Application Instructions**
	fl oz/A	**GPA (minimum)**		
Brown Rot Blossom Blight (*Monilinia* spp.)	9.5 to 14.5 (0.25 to 0.378 lb ai/A)	Ground:100 Aerial: 20	Begin applications at pink bud (approximately 5% bloom). If conditions are favorable for disease development, make additional applications at full bloom and at petal fall.	Use *V-10135* 3.34 SC Fungicide as part of an Integrated Pest Management (IPM) program. Apply as a foliar spray in sufficient water to obtain thorough coverage of blossoms, foliage and/or fruit. Use the higher rate and shorter spray intervals under severe disease conditions. **DO NOT** make more than 2 sequential applications of *V-10135* 3.34 SC Fungicide, without alternating with an application of a non-Group 17 fungicide labeled for brown rot or green fruit rot control.
Green Fruit Rot/Jacket Rot (*Botrytis cinerea Monilinia* spp., *Sclerotinia sclerotiorum*)	9.5 to 14.5 (0.25 to 0.378 lb ai/A)		Begin applications prior to disease development. A single application at full bloom is most effective.	

RESTRICTIONS

- **DO NOT** make more than 3 applications of *V-10135* 3.34 SC Fungicide per year.
- **DO NOT** apply more than 43.5 fl oz/A (1.134 lb ai/A) of *V-10135* 3.34 SC Fungicide per year.
- **DO NOT** apply *V-10135* 3.34 SC Fungicide within 21 days of harvest.
- See Table 1 for all crop restrictions

continued

CROP SPECIFIC DIRECTIONS, RESTRICTIONS AND LIMITATIONS

BLUEBERRY
(including Subgroup 13-07B)

Aronia Berry; Blueberry, Highbush and Lowbush; Buffalo Currant; Chilean Guava; Cranberry, Highbush; Currant, Black; Currant, Red; Elderberry; European Barberry; Gooseberry; Honeysuckle, Edible; Huckleberry; Jostaberry; Juneberry (Saskatoon Berry); Lingonberry; Native Currant; Salal; Sea Buckthorn; cultivars, varieties, and/or hybrids of these.

Diseases	Application Rates		When to Apply	Application Instructions
	fl oz/A	GPA (minimum)		
Gray Mold (*Botrytis cinerea*) Mummy Berry (*Monilinia vaccinii-corymbosi*)	14.5 to 19 (0.378 to 0.5 lb ai/A)	Ground: 20 Aerial: 5	Apply when conditions favor disease development and prior to infection. Continue applications on a 7- to 14-day interval.	Use *V-10135* 3.34 SC Fungicide as part of an Integrated Pest Management (IPM) program. Apply as a foliar spray in sufficient water to obtain thorough coverage of blossoms, foliage and/or fruit. Use the higher rate and shorter spray intervals under severe disease conditions. **DO NOT** make more than 2 sequential applications of *V-10135* 3.34 SC Fungicide, without alternating with an application of a non-Group 17 fungicide labeled for brown rot or green fruit rot control.

RESTRICTIONS

- **DO NOT** make more than 3 applications of *V-10135* 3.34 SC Fungicide per year.
- **DO NOT** apply more than 57 fl oz/A (1.5 lb ai/A) of *V-10135* 3.34 SC Fungicide per year.
- *V-10135* 3.34 SC Fungicide can be applied on the day of harvest.
- See Table 1 for all crop restrictions

continued

CROP SPECIFIC DIRECTIONS, RESTRICTIONS AND LIMITATIONS

CANEBERRY
(including Subgroup 13-07A)

Blackberry; Logan berry; Raspberry, Black and Red; Wild Raspberry; cultivars, varieties and/or hybrids of these

Diseases	Application Rates		When to Apply	Application Instructions
	fl oz/A	GPA (minimum)		
Gray Mold (*Botrytis cinerea*)	14.5 to 19 (0.378 to 0.5 lb ai/A)	Ground: 20 Aerial: 5	Begin applications at early bloom and continue on a 7- to 14-day interval until last harvest.	Use *V-10135* 3.34 SC Fungicide as part of an Integrated Pest Management (IPM) program. Apply as a foliar spray in sufficient water to obtain thorough coverage of blossoms, foliage and/or fruit. Use the higher rate and shorter spray intervals under severe disease conditions. **DO NOT** make more than 2 sequential applications of *V-10135* 3.34 SC Fungicide, without alternating with an application of a non-Group 17 fungicide labeled for brown rot or green fruit rot control.

RESTRICTIONS

- **DO NOT** make more than 3 applications of *V-10135* 3.34 SC Fungicide per year.
- **DO NOT** apply more than 57 fl oz/A (1.5 lb ai/A) of *V-10135* 3.34 SC Fungicide per year.
- *V-10135* 3.34 SC Fungicide can be applied on the day of harvest.
- See Table 1 for all crop restrictions

continued

CROP SPECIFIC DIRECTIONS, RESTRICTIONS AND LIMITATIONS

GINSENG				
Diseases	**Application Rates**		**When to Apply**	**Application Instructions**
	fl oz/A	**GPA (minimum)**		
Botrytis Blight (*Botrytis cinerea*)	14.5 to 19 (0.378 to 0.5 lb ai/A)	Ground: 50	Begin applications when conditions favor disease development (cool, wet weather and high humidity). Repeat at 7- to 14-day intervals if favorable conditions persist.	Use *V-10135* 3.34 SC Fungicide as part of an Integrated Pest Management (IPM) program. Apply as a foliar spray in sufficient water to obtain thorough coverage of blossoms and foliage. Use the higher rate and shorter spray intervals under severe disease conditions. **DO NOT** make more than 2 sequential applications of *V-10135* 3.34 SC Fungicide, without alternating with an application of a non-Group 17 fungicide labeled for brown rot or green fruit rot control.

RESTRICTIONS

- **DO NOT** make more than 4 applications of *V-10135* 3.34 SC Fungicide per year.
- **DO NOT** apply more than 76 fl oz/A (2.0 lb ai/A) of *V-10135* 3.34 SC Fungicide per year.
- **DO NOT** apply *V-10135* 3.34 SC Fungicide within 2 days of harvest.
- See Table 1 for all crop restrictions

continued

CROP SPECIFIC DIRECTIONS, RESTRICTIONS AND LIMITATIONS

GRAPE [(except table grapes and raisin grapes)]
(including Subgroup 13-07F)

Amur River Grape; Gooseberry; Grape; Kiwifruit, Hardy; Maypop; Schisandra Berry; cultivars, varieties and /or hybrids of these

Diseases	Application Rates		When to Apply	Application Instructions
	fl oz/A	GPA (minimum)		
Botrytis Bunch Rot (*Botrytis cinerea)*	14.5 to 19 (0.378 to 0.5 lb ai/A)	Ground: 100 Aerial: 20	First application at early bloom. Second application at pre-bunch closure. Third application at veraison. Up to 28 days prior to harvest.	Use *V-10135* 3.34 SC Fungicide as part of an Integrated Pest Management (IPM) program. Apply as a foliar spray in sufficient water to obtain thorough coverage of blossoms, foliage and/or fruit. [Use the higher rate and shorter spray intervals under severe disease conditions.] **DO NOT** make more than 2 sequential applications of *V-10135* 3.34 SC Fungicide, without alternating with an application of a non-Group 17 fungicide labeled for brown rot or green fruit rot control.

RESTRICTIONS

[Not for use on table grapes and raisin grapes.]

- **DO NOT** make more than 3 applications of *V-10135* 3.34 SC Fungicide per year.
- **DO NOT** apply more than [43.5] [57] fl oz/A ([1.134] [1.5] lb ai/A) of *V-10135* 3.34 SC Fungicide per year.
- **DO NOT** apply *V-10135* 3.34 SC Fungicide within 28 days of harvest.
- See Table 1 for all crop restrictions

continued

CROP SPECIFIC DIRECTIONS, RESTRICTIONS AND LIMITATIONS

LETTUCE (Head and Leaf)				
Diseases	**Application Rates**		**When to Apply**	**Application Instructions**
	fl oz/A	**GPA (minimum)**		
Lettuce Drop (*Sclerotinia* spp.) Gray Mold (*Botrytis cinerea*)	14.5 to 19 (0.378 to 0.5 lb ai/A)	Ground: 20 Aerial: 5	Apply from planting to just after thinning and again 10 days later. If conditions still favor disease development, make a third application in 7 to 10 days after the second spray.	Use *V-10135* 3.34 SC Fungicide as part of an Integrated Pest Management (IPM) program. Apply as a foliar spray in sufficient water to obtain thorough coverage of blossoms, foliage and/or fruit. Use the higher rate and shorter spray intervals under severe disease conditions. **DO NOT** make more than 2 sequential applications of *V-10135* 3.34 SC Fungicide, without alternating with an application of a non-Group 17 fungicide labeled for brown rot or green fruit rot control.

RESTRICTIONS

- **DO NOT** make more than 3 applications of *V-10135* 3.34 SC Fungicide per year.
- **DO NOT** apply more than 57 fl oz/A (1.5 lb ai/A) of *V-10135* 3.34 SC Fungicide per year.
- **DO NOT** apply *V-10135* 3.34 SC Fungicide within 14 days of harvest.
- See Table 1 for all crop restrictions

continued

CROP SPECIFIC DIRECTIONS, RESTRICTIONS AND LIMITATIONS

PISTACHIO				
Diseases	**Application Rates**		**When to Apply**	**Application Instructions**
	fl oz/A	**GPA (minimum)**		
Botrytis Blossom and Shoot Blight (*Botrytis cinerea*)	9.5 to 14.5 (0.25 to 0.378 lb ai/A)	Ground: 100 Aerial: 20	Begin applications when conditions favor disease development (typically when the bloom/terminal shoot is 1/2 to 1 inch). Make a repeat application to young clusters if cool wet weather occurs.	Use *V-10135* 3.34 SC Fungicide as part of an Integrated Pest Management (IPM) program. Apply as a foliar spray in sufficient water to obtain thorough coverage of blossoms, foliage and/or fruit. Use the higher rate and shorter spray interval under severe disease conditions. **DO NOT** make more than 2 sequential applications of *V-10135* 3.34 SC Fungicide, without alternating with an application of a non-Group 17 fungicide labeled for brown rot or green fruit rot control.

RESTRICTIONS

- **DO NOT** make more than 3 applications of *V-10135* 3.34 SC Fungicide per year.
- **DO NOT** apply more than 43.5 fl oz/A (1.134 lb ai/A) of *V-10135* 3.34 SC Fungicide per year.
- **DO NOT** apply *V-10135* 3.34 SC Fungicide within 21 days of harvest.
- See Table 1 for all crop restrictions

continued

CROP SPECIFIC DIRECTIONS, RESTRICTIONS AND LIMITATIONS

STRAWBERRY
(including Subgroup 13-07G)
Bearberry; Bilberry; Blueberry, Lowbush; Cloudberry; Cranberry; Lingonberry; Muntries; Partridgeberry; Strawberry; cultivars, varieties and/or hybrids of these

Diseases	Application Rates		When to Apply	Application Instructions
	fl oz/A	GPA (minimum)		
Gray Mold (*Botrytis cinerea*)	14.5 to 19 (0.378 to 0.5 lb ai/A)	Ground: 20 Aerial: 5	Begin applications at early bloom and continue on a 7- to 14-day interval until last harvest.	Use *V-10135* 3.34 SC Fungicide as part of an Integrated Pest Management (IPM) program. Apply as a foliar spray in sufficient water to obtain thorough coverage of blossoms, foliage and/or fruit. Use the higher rate and shorter spray intervals under severe disease conditions. **DO NOT** make more than 2 sequential applications of *V-10135* 3.34 SC Fungicide, without alternating with an application of a non-Group 17 fungicide labeled for brown rot or green fruit rot control.

RESTRICTIONS
- **DO NOT** make more than 4 applications of *V-10135* 3.34 SC Fungicide per year.
- **DO NOT** apply more than 76 fl oz/A (2.0 lb ai/A) of *V-10135* 3.34 SC Fungicide per year.
- *V-10135* 3.34 SC Fungicide can be applied on the day of harvest.
- See Table 1 for all crop restrictions

continued

CROP SPECIFIC DIRECTIONS, RESTRICTIONS AND LIMITATIONS

ORNAMENTALS
(Greenhouse and Nursery)

Conifers, Deciduous Trees and Ornamental Plants Including: Bedding Plants, Conifers, Flowering Plants, Foliage Plants, Ground Covers, Non-Bearing Fruit Trees, Non-Bearing Nut Trees, Non-Bearing Vines, Ornamentals, Shrubs

Diseases	Application Rates fl oz/100 gal	When to Apply	Application Instructions
Botrytis Blight/ Gray Mold (*Botrytis cinerea*)	14.5 to 19 fl oz of product per 100 gal (0.378 to 0.5 lb ai/100 gal)	Apply before disease development. Reapply after 7 to 14 days.	Use *V-10135* 3.34 SC Fungicide as part of an Integrated Pest Management (IPM) program. Use the higher rate and shorter spray intervals under severe disease conditions. 100 gal of spray solution will treat approximately 20,000 sq ft of area. Apply the spray solution to all plant surfaces and to the point of run-off. **DO NOT** make more than 2 sequential applications of *V-10135* 3.34 SC Fungicide, without alternating with an application of a non-Group 17 fungicide labeled for brown rot or green fruit rot control.

NOTE: Since ornamental varieties are numerous, constantly changing, and may react differently to *V-10135* 3.34 SC Fungicide and tank mixtures, test the product(s) on a small scale before making large-scale applications.

RESTRICTIONS

- **DO NOT** make more than 3 applications of *V-10135* 3.34 SC Fungicide per year.
- **DO NOT** apply more than 57 fl oz (1.5 lb ai/A) of *V-10135* 3.34 SC Fungicide per 20,000 sq ft per year.
- See Table 1 for all crop restrictions

STORAGE AND DISPOSAL

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

STORAGE

Store in a cool dry place.
Keep pesticide in original container.
Keep container closed when not in use.
Do not put concentrate or dilute into food or drink containers.

Not for use or storage in or around the home.
For help with any spill, leak, fire or exposure involving this material, call day or night 800-892-0099.

PESTICIDE DISPOSAL

Waste 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. Clean container 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 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. Offer for recycling, if available.

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Valent U.S.A. LLC
P.O. Box 8025
Walnut Creek, CA 94596-8025

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