

**FORM:** 1670-D  
**NAME:** Belay 50 WDG Insecticide  
**KIND:** Composite Booklet  
**UCC:** 01 0 06 53204 08304 3  
**DATE:** 2-11-14

**PRODUCT SIZE:** 24 Ounces  
**LABEL SIZE:** 3"(w) x 3-3/4"(h) - bk closed  
6"(w) x 3-3/4"(h) - bk open  
3-3/4"(w) x 3-3/4"(h) - base

BLACK

PANTONE 348

GROUP 4A INSECTICIDE

NET CONTENTS 24 OUNCES



**FOR CONTROL OF LISTED SUCKING AND CHEWING  
INSECTS INFESTING FRUITING VEGETABLES  
(INCLUDING CUCURBITS), LEAFY VEGETABLES  
(INCLUDING BRASSICA VEGETABLES) AND POME FRUIT**

Active Ingredient	By Wt.
*Clothianidin .....	50.0%
Inert Ingredients .....	50.0%
Total	100.0%

\*[E]-1-(2-chloro-1,3-thiazol-5-ylmethyl)-3-methyl-2-nitroguanidine  
EPA Reg. No. 59639-152  
EPA Est. No. 39578-TX-01©, 67545-AZ-01©, 51896-FL-006  
Superscript is first letter in lot number

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

SEE INSIDE BOOKLET FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

STATE OF HAWAII  
Department of Agriculture

**ACCEPTED**  
LICENSE NO.

**BELAY<sup>®</sup>**  
**50 WDG INSECTICIDE**

9556.102



Form 1670-D

3.75"

3"

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION**

Harmful if swallowed. Harmful if absorbed through skin. Harmful if inhaled. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Avoid breathing spray mist or vapor.

**FIRST AID**

**If swallowed:** Call 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 the poison control center or doctor.

Do not give anything by mouth to an unconscious person.

**If on skin**

**or clothing:** 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.

**If inhaled:** Move person to fresh air.

If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.

Call a poison control center or doctor for further treatment advice.

**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.

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**FIRST AID (continued)**

**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)**

Some of the materials that are chemical-resistant to this product are barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinyl chloride, or viton, selection category A. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

**Applicators and other handlers must wear:** long-sleeved shirt and long pants, shoes and socks and chemical-resistant gloves.

Follow the 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**

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

**IMPORTANT:** 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 an emergency, such as a spill or equipment break-down.

### USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands 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 product is toxic to aquatic invertebrates. Do not apply when weather conditions favor drift from treated areas. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Do not apply where runoff is likely to occur. 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 cleaning equipment or disposing of equipment washwater or rinsate.

This product is toxic to bees exposed to treatment and for more than 5 days following treatment. Do not apply this product to blooming, pollen-shedding, or nectar-producing parts of plants if bees may forage on plants during this time period.

**In the State of Florida:** The properties of this chemical suggest it may leach into ground water if used in areas where soils are permeable and where the water table is very shallow. Do not apply within 25 feet of lakes, reservoirs, rivers, permanent streams, marshes, natural ponds, estuaries or commercial fish farm ponds.

### PROTECTION OF POLLINATORS

**APPLICATION RESTRICTIONS EXIST FOR THIS PRODUCT BECAUSE OF RISK TO BEES AND OTHER INSECT POLLINATORS. FOLLOW APPLICATION RESTRICTIONS FOUND IN THE DIRECTIONS FOR USE TO PROTECT POLLINATORS.**



Look for the bee hazard icon in the Directions for Use for each application site for specific use restrictions and instructions to protect bees and other insect pollinators.

**This product can kill bees and other insect pollinators.**

Bees and other insect pollinators will forage on plants when they flower, shed pollen or produce nectar.

Bees and other insect pollinators can be exposed to this pesticide from:

- Direct contact during foliar applications, or contact with residues on plant surfaces after foliar applications.
- Ingestion of residues in nectar and pollen when the pesticide is applied as a seed treatment, soil, tree injection, as well as foliar applications.

When Using This Product Take Steps To:

- Minimize exposure of this product to bees and other insect pollinators when they are foraging on pollinator attractive plants around the application site.
- Minimize drift of this product onto beehives or to off-site pollinator attractive habitat. Drift of this product onto beehives or off-site to pollinator attractive habitat can result in bee kills.

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### **PROTECTION OF POLLINATORS** (continued)

Information on protecting bees and other insect pollinators may be found at the Pesticide Environmental Stewardship website at: <http://pesticidestewardship.org/pollinatorprotection/Pages/default.aspx>.

Pesticide incidents (for example, bee kills) should immediately be reported to the state/tribal lead agency. For contact information for your state/tribe, go to: [www.aapco.org/official.html](http://www.aapco.org/official.html). Pesticide incidents should also be reported to the National Pesticide Information Center at: [www.npic.orst.edu](http://www.npic.orst.edu) or directly to EPA at: [beekill@epa.gov](mailto:beekill@epa.gov).

### **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 any 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.

### **BEE HAZARD**

See individual crops for specific pollinator protection application restrictions. If none exist under the specific crop, for foliar applications, follow these application directions for crops that are contracted to have pollinator services or for food/feed and commercially grown ornamentals that are attractive to pollinators:



### **FOR CROPS UNDER CONTRACTED POLLINATION SERVICES**

**Do not apply this product while bees are foraging. Do not apply this product until flowering is complete and all petals have fallen unless the following condition has been met.**

**If an application must be made when managed bees are at the treatment site, the beekeeper providing the pollination services must be notified no less than 48-hours prior to the time of the planned application so that the bees can be removed, covered or otherwise protected prior to spraying.**

**Bees must be removed, covered or otherwise protected for 5 days following application.**



### **FOR FOOD CROPS AND COMMERCIALY GROWN ORNAMENTALS NOT UNDER CONTRACT FOR POLLINATION SERVICES BUT ARE ATTRACTIVE TO POLLINATORS**

**This product is toxic to bees exposed to treatment for more than 5 days following treatment.**

**Do not apply this product to blooming, pollen-shedding or nectar-producing parts of plants if bees may forage on the plants during this time period.**

### **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 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 entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry into 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, socks and shoes, and chemical-resistant gloves made of any waterproof material.

### **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.**

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### **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

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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**

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**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, to the extent allowed by applicable law.**

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

### RESISTANCE MANAGEMENT

*Belay*<sup>®</sup> 50 WDG Insecticide contains clothianidin, which is classified in the Group 4A of insecticide classes. Insect biotypes that have developed insensitivity to Group 4A (neonicotinoid) insecticides can eventually dominate the insect population in the same field. That is most likely to happen when Group 4A insecticides are used repeatedly in the same field or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by *Belay* 50 WDG Insecticide or other Group 4A insecticides.

To delay insecticide resistance consider:

- Avoiding the consecutive use of *Belay* 50 WDG Insecticide or other Group 4A insecticides that have a similar target site of action on the same insect species and/or insect species inadvertently exposed to the applications (non-target pests).
- Using tank mixtures or premixes with insecticides from a different class of chemistry, which must be registered products for the same commodity and use pattern, with different sites of action can help to reduce the generation of resistance.
- Do not make foliar applications of neonicotinoid insecticides (Group 4A) after soil applications of *Belay* 50 WDG Insecticide.
- Utilizing a comprehensive Integrated Pest Management (IPM) program while controlling insect pests.
- When possible screen treated insect populations for insensitivity to Group 4A insecticides.
- Contacting your local extension specialist, certified crop advisors and/or manufacturer for insecticide resistance management or IPM recommendations for the specific site and resistant pest problems.

For further information or to report a suspected resistance, you may contact Valent U.S.A. Corporation at 800-682-5368.

### USE INFORMATION

*Belay* 50 WDG Insecticide is a broad spectrum insect control product, for control of a wide spectrum of listed insects infesting fruiting vegetables (including cucurbits), leafy vegetables (including brassica vegetables) and pome fruit. When applied as directed, *Belay* 50 WDG Insecticide provides excellent residual insect control.

### RESTRICTIONS

- Regardless of the application method, do not apply more than 0.2 lb active ingredient clothianidin per acre per year.
- If the maximum limit (0.2 lb active ingredient clothianidin per acre per year) has been applied and pest populations require additional treatments, use another registered pesticide that is not in the neonicotinoid class of chemistry.
- Do not apply by air.

ROTATIONAL CROP PLANT-BACK INTERVALS				
Crops Planted	Immediate Plant-Back	30-day Plant-Back	8 Month Plant-Back	12 Month Plant-Back
Cotton, Fruiting Vegetables (including Cucurbits), Leafy Vegetables (including Brassica Vegetables), Soybean and Tuberous and Corm Vegetables	Cereal Grains, Cotton, Fruiting Vegetables (including Cucurbits), Leafy Vegetables (including Brassica Vegetables), Soybean, Bulb Vegetables, Root and Tuber Vegetables, Rapeseed, Sorghum, Canola, Corn (Field, Pop and Sweet)	Dry Beans, Grasses, Non-grass Animal Feeds	Sugarcane	Any crops without an earlier plant-back interval

#### PLANT TOLERANCE

Neither the manufacturer nor the seller has determined whether or not *Belay 50 WDG Insecticide* can be used safely on cultivars of plants registered for use. *Belay 50 WDG Insecticide* has been

tested on many cultivars with no phytotoxicity observed at label rates. Since all plant species and their varieties and cultivars have not been tested for tolerance, it is recommended that a small number of plants be sprayed to make certain that no phytotoxicity occurs, prior to any large scale application to plants. The end user assumes all risks arising from application of *Belay 50 WDG Insecticide* in a manner inconsistent with its labeling.

*Belay 50 WDG Insecticide* can be tank mixed with other pesticides. However, all plant species and their varieties and cultivars have not been tested with possible tank mix combinations, sequential pesticide treatments and adjuvants and surfactants. Conduct a spray mix compatibility and phytotoxicity trial under local conditions to ensure compatibility prior to any large scale use.

#### MIXING INSTRUCTIONS

1. Begin with clean equipment.
2. Add sufficient clean water to the spray tank for 1/2 of the mix load.
3. Start tank agitation.
4. Add and properly suspend the necessary amount of *Belay 50 WDG Insecticide* according to established tank mix instructions. Agitate to ensure thorough mixing while adding the remaining required water. A high quality wetting agent or other spray adjuvant, approved for use on your crop, may be added to spray solutions according to the manufacturer's use instructions. *Belay 50 WDG Insecticide* must be properly suspended and diluted prior to the addition of any adjuvant. Consult adjuvant label or manufacturer for crop tolerance and safety information when used with this product.
5. Maintain agitation during mixing and application.
6. Apply with properly calibrated spray equipment.

#### SPRAY DRIFT MANAGEMENT

Do not allow this product to drift onto neighboring crops or non-crop areas or use in a manner or at a time other than in accor-

dance with label directions because animal, plant or crop injury, illegal residues or other undesirable results may occur.

Applicator is responsible for employing practices that will minimize spray drift at the application site. The interaction of many equipment and weather related factors determine the potential for spray drift. The applicator is responsible for considering all these factors when making decisions. Where states have more stringent regulations, they must be observed.

## **APPLICATION PROCEDURES**

### **Foliar Application**

Select spray nozzles which will provide accurate and uniform spray deposition. Use spray nozzles which provide medium sized droplets and reduce drift. To help insure accuracy, calibrate sprayer before each use. For information on spray equipment and calibration, consult nozzle manufacturers and/or State and County Extension Service.

Apply *Belay 50 WDG Insecticide* using sufficient water volume to provide thorough and uniform coverage. In situations where a dense canopy exists and/or pest pressure is high, use greater water volumes. The use of a spray adjuvant may improve spray coverage. Do not make applications under conditions where uniform coverage cannot be obtained or where excessive spray drift may occur.

### **Application Through Irrigation Systems (Chemigation)**

*Belay 50 WDG Insecticide* alone or in combination with other products which are registered for application through sprinkler irrigation may be applied through irrigation systems. Apply this product only through micro-irrigation (individual spaghetti tube), drip irrigation, overhead irrigation or motorized calibrated irrigation equipment. Do not apply through any other type of irrigation system. Lack of effectiveness 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 *Belay 50 WDG Insecticide* 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. *Belay 50 WDG Insecticide* 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.
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, such as a positive displacement injection pump (e.g., diaphragm pump) 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 *Belay* 50 WDG Insecticide under the schedule specified in the specific crop rates/instructions, not according to the irrigation schedule, unless the events coincide. In general, set the equipment to apply the minimum amount of water per acre. Run the system at 86 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 *Belay* 50 WDG Insecticide 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 recommended 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 *Belay* 50 WDG Insecticide, and any tank mix partners, required to treat the area covered by the irrigation system.
8. Add the required amount of *Belay* 50 WDG Insecticide, 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 *Belay* 50 WDG Insecticide 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 *Belay* 50 WDG Insecticide per acre continuously for one complete revolution of the system.

- Stop the injection equipment after treatment is complete. Continue to operate the system until the *Belay* 50 WDG Insecticide solution has cleared all of the sprinkler heads.
- Allow time for all lines to flush the pesticide through all nozzles before turning off irrigation water.

### Solid Set, Hand Move and Moving Wheel Irrigation Equipment

- Determine the acreage covered by the sprinklers.
- 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.
- Determine the amount of *Belay* 50 WDG Insecticide required to treat the area covered by the irrigation system.
- Add the required amount of *Belay* 50 WDG Insecticide, 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.)
- Operate the system at the same pressure and time interval established during the calibration.
- Inject specified amount of *Belay* 50 WDG Insecticide 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.
- Stop injection equipment after treatment is completed. Continue to operate the system until the *Belay* 50 WDG Insecticide 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.

<b>BRASSICA (COLE) LEAFY VEGETABLES</b>		
Broccoli; Broccoli Raab (Rapini); Brussels Sprouts; Cabbage; Cauliflower; Cavalo Broccolo; Chinese Broccoli (Gai Lon); Chinese Cabbage (Bok Choy and Napa); Chinese Mustard Cabbage; Collards; Kale; Kohlrabi; Mizuna; Mustard Greens; Mustard Spinach; Rape Greens; Turnip Greens		
 <b>Foliar Application</b>		
Pests	<i>Belay</i> 50 WDG Insecticide Application Rates	Rates/Instructions
Aphids Flea Beetles Harlequin Bug Leafhoppers Stinkbugs Whiteflies (suppression)	1.6 to 2.1 oz/A (0.05 to 0.067 lb ai/A)	Apply <i>Belay</i> 50 WDG Insecticide when target pest(s) threshold populations are observed. Do not wait until population beyond threshold has been established. Choose lower rate for light infestation and the higher rate for heavy infestation.  Apply <i>Belay</i> 50 WDG Insecticide in sufficient water to ensure uniform and thorough coverage of foliage. Thorough coverage is required for optimum control. To achieve optimum coverage, use proper spray pressures, nozzles, nozzle spacing and water volume per acre.
<b>RESTRICTIONS</b>		
<ul style="list-style-type: none"> <li>Regardless of the application method do not apply more than 0.2 lb active ingredient clothianidin per acre per year.</li> <li>Do not apply treatments less than 10 days apart.</li> <li>Do not apply within 7 days of harvest.</li> <li><i>Belay</i> 50 WDG Insecticide must not be applied during bloom or when bees are foraging.</li> </ul>		

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BRASSICA (COLE) LEAFY VEGETABLES (continued)		
Soil Application		
Pests	<i>Belay 50 WDG</i> Insecticide Application Rates	Rates/Instructions
Aphids Flea Beetles Harlequin Bug Leafhoppers Leafminers (suppression) Thrips Whiteflies (suppression)	4.8 to 6.4 oz/A (0.15 to 0.2 lb ai/A)	Make one soil application at specified dose in sufficient carrier volume to insure uniform application in one of the following methods: 1. In a narrow band centered on the plant row in the bedding operation just prior to planting. 2. In-furrow spray at planting directed on or below seed. 3. As a sidedress to both sides of the row. 4. Post-seeding drench or transplant water drench. 5. Chemigation into root zone through drip, trickle or custom made systems that target the watering of the root zone of the plant.
<b>RESTRICTIONS</b>		
<ul style="list-style-type: none"> <li>Regardless of the application method do not apply more than 0.2 lb active ingredient clothianidin per acre per year.</li> <li>Apply <i>Belay 50 WDG</i> Insecticide at planting.</li> <li><i>Belay 50 WDG</i> Insecticide must not be applied during bloom or when bees are foraging.</li> </ul>		

CUCURBIT VEGETABLES		
Acorn Squash; Balsam Apple; Balsam Pear; Bitter Melon; Butternut Squash; Calabaza; Cantaloupe; Casaba; Chayote; Chinese Cucumber; Chinese Okra; Chinese Waxgourd (Chinese Preserving Melon); Citron Melon; Crenshaw Melon; Crookneck Squash; Cucumber; Cucuzza; Edible Gourd; Gherkin; Golden Pershaw Melon; Hechima; Honey Balls; Honeydew Melon; Hubbard Squash; Hyotan; Mango Melon; <i>Momordica</i> spp.; Muskmelon; Persian Melon; Pineapple Melon; Pumpkin; Santa Claus Melon; Scallop Squash; Snake Melon; Spaghetti Squash; Straightneck Squash; Summer Squash; True Cantaloupe; Vegetable Marrow; Watermelon; Winter Squash; Zucchini		
Foliar Application		
Pests	<i>Belay 50 WDG</i> Insecticide Application Rates	Rates/Instructions
Aphids Cucumber Beetles Flea Beetles Leafhoppers Leafminers (suppression) Squash Bug Stinkbugs Whiteflies (suppression)	1.6 to 2.1 oz/A (0.05 to 0.067 lb ai/A)	Apply <i>Belay 50 WDG</i> Insecticide when target pest(s) threshold populations are observed. Do not wait until population beyond threshold has been established. Choose lower rate for light infestation and the higher rate for heavy infestation. Apply <i>Belay 50 WDG</i> Insecticide in sufficient water to ensure uniform and thorough coverage of foliage. Thorough coverage is required for optimum control. To achieve optimum coverage, use proper spray pressures, nozzles, nozzle spacing and water volume per acre.

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**CUCURBIT VEGETABLES** (continued)**RESTRICTIONS**

- Regardless of the application method do not apply more than 0.2 lb active ingredient clothianidin per acre per year.
- Do not apply treatments less than 10 days apart.
- Do not apply within 7 days of harvest.
- *Belay* 50 WDG Insecticide must not be applied during bloom or when bees are foraging.

(continued)

**CUCURBIT VEGETABLES** (continued)**Soil Application**

Pests	<i>Belay</i> 50 WDG Insecticide Application Rates	Rates/Instructions
Aphids Cucumber Beetles Flea Beetles Leafhoppers Leafminers (suppression) Whiteflies (suppression)	4.8 to 6.4 oz/A (0.15 to 0.2 lb ai/A)	Make one soil application at specified dose in sufficient carrier volume to insure uniform application in one of the following methods: 1. In a narrow band centered on the plant row in the bedding operation just prior to planting. 2. In-furrow spray at planting directed on or below seed/transplant. 3. As a sidedress to both sides of the row. 4. Seeding drench or as transplant water drench. 5. Chemigation into root zone through drip, trickle or custom made systems that target the watering of the root zone of the plants.

**RESTRICTIONS**

- Regardless of the application method do not apply more than 0.2 lb active ingredient clothianidin per acre per year.
- Apply *Belay* 50 WDG Insecticide at planting.

### FRUITING VEGETABLES

(Except Cucurbits)

Eggplant; Ground Cherry (*Physalis* spp.); Pepino; Peppers (including Bell Pepper; Chili Pepper; Cooking Pepper; Pimento; Sweet Pepper); Tomatillo; Tomato



#### Foliar Application

Pests	<i>Belay 50 WDG</i> Insecticide Application Rates	Rates/Instructions
Aphids Colorado Potato Beetles Flea Beetles Leafhoppers Leafminers (suppression) Lygus Pepper Weevil Stinkbugs Whiteflies (suppression)	1.6 to 2.1 oz/A (0.05 to 0.067 lb ai/A)	Apply <i>Belay 50 WDG</i> Insecticide when target pest(s) threshold populations are observed. Do not wait until population beyond threshold has been established. Choose lower rate for light infestation and the higher rate for heavy infestation. For whiteflies use the higher rate. Apply <i>Belay 50 WDG</i> Insecticide in sufficient water to ensure uniform and thorough coverage of foliage. Thorough coverage is required for optimum control. To achieve optimum coverage, use proper spray pressures, nozzles, nozzle spacing and water volume per acre.

#### RESTRICTIONS

- Regardless of the application method do not apply more than 0.2 lb active ingredient clothianidin per acre per year.
- Do not apply treatments less than 10 days apart.
- Do not apply within 7 days of harvest.
- In the State of Florida: Do not release the irrigation water from the treated area.
- *Belay 50 WDG* Insecticide must not be applied during bloom or when bees are foraging.

### FRUITING VEGETABLES (continued)

#### Soil Application

Pests	<i>Belay 50 WDG</i> Insecticide Application Rates	Rates/Instructions
Aphids Colorado Potato Beetles Flea Beetles Leafhoppers Leafminers (suppression) Lygus Thrips (foliar feeding) Whiteflies (suppression)	4.8 to 6.4 oz/A (0.15 to 0.2 lb ai/A)	Make one soil application at specified dose in sufficient carrier volume to insure uniform application in one of the following methods: <ol style="list-style-type: none"> <li>1. In a narrow band centered on the plant row in the bedding operation just prior to planting.</li> <li>2. In-furrow spray at planting directed on or below seed.</li> <li>3. As a sidedress to both sides of the row.</li> <li>4. Post-seeding drench or transplant water drench.</li> <li>5. Chemigation into root zone through drip, trickle or custom made systems that target the watering of the root zone of the plants.</li> </ol>
Diseases Suppressed	<i>Belay 50 WDG</i> Insecticide Application Rates	
Tomato Spotted Wilt Virus (TSWV)	6.4 oz/A (0.2 lb ai/A)	

#### RESTRICTIONS

- Regardless of the application method do not apply more than 0.2 lb active ingredient clothianidin per acre per year.
- Apply *Belay 50 WDG* Insecticide at planting.
- In the State of Florida: Do not release the irrigation water from the treated area.

### LEAFY VEGETABLES

(Except Brassica Vegetables)

Amaranth (Chinese Spinach); Arugula (Roquette); Cardoon; Celery; Celtuce; Chervil; Chinese Celery; Chrysanthemum (Edible-leaved and Garland); Corn Salad; Cress (Garden and Upland); Dandelion; Dock (Sorrel); Endive (Escarole); Florence Fennel; Lettuce (Head and Leaf); Orach; Parsley; Purslane (Garden and Winter); Radicchio (Red Chicory); Rhubarb; Spinach; Spinach (New Zealand and Vine); Swiss Chard



#### Foliar Application

Pests	<i>Belay</i> 50 WDG Insecticide Application Rates	Rates/Instructions
Aphids Flea Beetles Leafhoppers Leafminers (suppression) Whiteflies (suppression)	1.6 to 2.1 oz/A (0.05 to 0.067 lb ai/A)	Apply <i>Belay</i> 50 WDG Insecticide when target pest(s) threshold populations are observed. Do not wait until population beyond threshold has been established. Choose lower rate for light infestation and the higher rate for heavy infestation. Apply <i>Belay</i> 50 WDG Insecticide in sufficient water to ensure uniform and thorough coverage of foliage. Thorough coverage is required for optimum control. To achieve optimum coverage, use proper spray pressures, nozzles, nozzle spacing and water volume per acre.

#### RESTRICTIONS

- Regardless of the application method do not apply more than 0.2 lb active ingredient clothianidin per acre per year.
- Do not apply treatments less than 10 days apart.
- Do not apply within 7 days of harvest.

### LEAFY VEGETABLES (continued)

#### Soil Application

Pests	<i>Belay</i> 50 WDG Insecticide Application Rates	Rates/Instructions
Aphids Flea Beetles Leafhoppers Leafminers (suppression) Whiteflies (suppression)	4.8 to 6.4 oz/A (0.15 to 0.2 lb ai/A)	Make one soil application at specified dose in sufficient carrier volume to insure uniform application in one of the following methods: <ol style="list-style-type: none"> <li>1. In a narrow band centered on the plant row in the bedding operation just prior to planting.</li> <li>2. In-furrow spray at planting directed on or below seed.</li> <li>3. As a sidedress to both sides of the row.</li> <li>4. Post-seeding drench or transplant water drench.</li> <li>5. Chemigation into root zone through drip, trickle or custom made systems that target the watering of the root zone of the plants.</li> </ol>

#### RESTRICTIONS

- Regardless of the application method do not apply more than 0.2 lb active ingredient clothianidin per acre per year.
- Apply *Belay* 50 WDG Insecticide at planting.

POME FRUIT		
Apple, Crabapple, Loquat, Mayhaw, Pear, Oriental Pear, Quince		
Foliar Post Bloom Application		
Pests	<i>Belay</i> 50 WDG Insecticide Application Rates	Rates/Instructions
Aphids Leafhoppers	2.1 to 3.2 oz/A (0.067 to 0.1 lb ai/A)	Apply <i>Belay</i> 50 WDG Insecticide when target pest(s) threshold populations are observed. Do not wait until population beyond threshold has been established.
Apple Maggot Leafminers Plum Curculio	3.2 oz/A (0.1 lb ai/A)	The amount of <i>Belay</i> 50 WDG Insecticide per acre will depend on tree size and pest pressure. Choose lower rate for light infestation and/or small trees and the higher rate for heavy infestation and/or larger trees.
Codling Moth* Oblique-banded Leafroller Oriental Fruit Moth Pear Psylla Scales	3.2 to 6.4 oz/A (0.1 to 0.2 lb ai/A)	Apply by ground in sufficient volume to obtain thorough coverage. Spray volume will depend on tree size and density of canopy. <b>*For Codling Moth (First Generation):</b> For control of first generation codling moth in areas with light pressure and suppression of first generation codling moth in areas of heavy infestations. Suppression only of second or third generation codling moth in any area. <b>Scale:</b> Time applications to the crawler stage, treat each successive generation. Two applications on a 10 to 14 day interval may be required to achieve control.

(continued)

POME FRUIT (continued)
<p><b>RESTRICTIONS</b></p> <ul style="list-style-type: none"> <li>• Regardless of the application method do not apply more than 0.2 lb active ingredient clothianidin per acre per year.</li> <li>• Do not apply within 7 days of harvest.</li> <li>• Do not feed or allow livestock to graze on cover crops from treated orchards.</li> <li>• <i>Belay</i> 50 WDG Insecticide must not be applied during bloom or when bees are foraging.</li> </ul>

STORAGE AND DISPOSAL
<p>Do not contaminate water, food or feed by storage or disposal.</p> <p><b>PESTICIDE STORAGE</b> Store in a dry place away from excessive heat. Do not store near food or feed. Store in original container only. To close package, replace and tighten cap to form an airtight seal. Do not contaminate water, food or feed by storage or disposal. For help with any spill, leak, fire or exposure involving this material, call day or night <b>(800) 892-0099</b>.</p> <p><b>PESTICIDE DISPOSAL</b> To avoid waste, use all material in this container by application according to label directions. If waste cannot be avoided, offer remaining product to a waste facility or pesticide disposal program (often such programs are run by state or local governments or by industry).</p> <p><b>CONTAINER HANDLING</b> 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; otherwise dispose of in a sanitary landfill or by incineration.</p>

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*Belay* is a registered trademark of Sumitomo Chemical Company, Ltd.

Manufactured for:

**Valent U.S.A. Corporation**

P.O. Box 8025

Walnut Creek CA 94596-8025

(800) 682-5368

Made in U.S.A.

Form 1670-D

059639-00152.20140110.Arena 50 WDG.AMEND.FINAL

EPA Reg. No. 59639-152

EPA Est. No. 39578-TX-01<sup>®</sup>, 67545-AZ-01<sup>®</sup>, 51896-FL-006

Superscript is first letter in lot number.

NET CONTENTS 24 OUNCES



**FOR CONTROL OF LISTED SUCKING AND CHEWING  
INSECTS INFESTING FRUITING VEGETABLES  
(INCLUDING CUCURBITS), LEAFY VEGETABLES  
(INCLUDING BRASSICA VEGETABLES) AND POME FRUIT**

Active Ingredient	By Wt.
*Clothianidin .....	50.0%
Inert Ingredients .....	50.0%
Total	100.0%

\**(E)*-1-(2-chloro-1,3-thiazol-5-ylmethyl)-3-methyl-2-nitroguanidine

EPA Reg. No. 59639-152

EPA Est. No. 39578-TX-01<sup>Ⓢ</sup>, 67545-AZ-01<sup>Ⓢ</sup>, 51896-FL-006

Superscript is first letter in lot number

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

SEE INSIDE BOOKLET FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

**BELAY<sup>®</sup>**  
**50 WDG INSECTICIDE**

# Supplemental Label



**9556.102**

## **BELAY™** **50 WDG INSECTICIDE**

EPA Reg. No. 59639-152  
(Except California)

### **CHEMIGATION INSTRUCTIONS AND ADDITIONAL USE DIRECTIONS FOR POTATO**

#### **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.**

#### **MIXING INSTRUCTIONS**

1. Begin with clean equipment.
2. Add sufficient clean water to the spray tank for 1/2 of the mix load.
3. Start tank agitation.
4. Add and properly suspend the necessary amount of Belay™ 50 WDG before adding any other products. Agitate to ensure thorough mixing while adding the remaining required water. A high quality wetting agent or other spray adjuvant, approved for use on your crop, may be added to spray solutions according to the manufacturer's use instructions. *Belay* 50 WDG should be properly suspended and diluted prior to the addition of any adjuvant. Consult adjuvant label or manufacturer for crop tolerance and safety information when used with this product.
5. Maintain agitation during mixing and application.
6. Apply with properly calibrated spray equipment.

#### **APPLICATION PROCEDURES**

##### **Foliar Application**

Spray nozzles should be selected which will provide accurate and uniform spray deposition. Use spray nozzles which provide medium sized droplets and reduce drift. To help insure accuracy, calibrate sprayer before each use. For information on spray equipment and calibration, consult nozzle manufacturers and/or State and County Extension Service.

Apply *Belay* 50 WDG using sufficient water volume to provide thorough and uniform coverage. In situations where a dense canopy exists and/or pest pressure is high, use greater water volumes. The use of a spray adjuvant may improve spray coverage. Avoid making applications under conditions where uniform coverage cannot be obtained or where excessive spray drift may occur.

##### **Application Through Irrigation Systems (Chemigation)**

*Belay* 50 WDG alone or in combination with other products which are registered for application through sprinkler irrigation may be applied through irrigation systems. Apply this

product only through micro-irrigation (individual spaghetti tube), drip irrigation, overhead irrigation or motorized calibrated irrigation equipment. Do not apply through any other type of irrigation system. Lack of effectiveness can result from non-uniform distribution of treated water. If you have questions about calibration, you should 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 should the need arise.

## **Using Water from Public Water Systems**

- **Do not apply *Belay 50* WDG 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. *Belay 50* WDG 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 Recommended Types of Irrigation Systems**

1. The system must be calibrated to uniformly apply the rates specified. If you have questions about calibration, you should 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.
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, such as a positive displacement injection pump (e.g., diaphragm pump) 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**

*Belay 50* WDG should be applied under the schedule specified in the specific crop use recommendations, not according to the irrigation schedule, unless the events coincide. In general, set the equipment to apply the minimum amount of water per acre. Run the system at 86 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. Users should 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 *Belay 50* WDG 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 recommended 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 *Belay 50* WDG, and any tank mix partners, required to treat the area covered by the irrigation system.
8. Add the required amount of *Belay 50* WDG, 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 *Belay 50* WDG 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 *Belay 50* WDG 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 *Belay 50* WDG 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.

### **Solid Set, Hand Move and Moving Wheel 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. Determine the amount of *Belay 50* WDG required to treat the area covered by the irrigation system.
4. Add the required amount of *Belay 50* WDG, 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 *Belay* 50 WDG 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 *Belay* 50 WDG 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.

### RECOMMENDED FOLIAR APPLICATION RATES FOR USE ON POTATO

Pests	<i>Belay</i> 50 WDG Application Rates	Special Instructions
Aphids Colorado Potato Beetle Flea Beetle Leafhoppers	1 to 1.5 oz/A (0.5 to 0.75 oz ai/A)	<i>Belay</i> 50 WDG should be applied when threshold populations are observed. Do not wait until large insect populations have been established.
<ul style="list-style-type: none"> <li>• Do not apply more than three (3) applications of <i>Belay</i> 50 WDG.</li> <li>• Do not apply more than 6.4 oz <i>Belay</i> 50 WDG (0.2 lb ai) per acre per season.</li> <li>• Do not apply treatments more often than every seven (7) days.</li> <li>• Do not apply within fourteen (14) days of harvest.</li> <li>• Do not apply <i>Belay</i> 50 WDG following a clothianidin soil application.</li> </ul>		

### RECOMMENDED IN-FURROW OR SIDE-DRESS APPLICATION RATES FOR USE ON POTATO

Pests	<i>Belay</i> 50 WDG Application Rates	Special Instructions
Aphids Colorado Potato Beetle Flea Beetle Leafhoppers Potato Psyllid (suppression only)	4.0 to 6.0 oz/A (2.0 to 3.0 oz ai/A)	<p>Timing of Application: At planting or as a side-dress on both sides of the row at ground-crack during hilling.</p> <p>Apply specified rate in sufficient carrier volume to insure uniform application and incorporate into the soil using one of the following methods:</p> <p>In a narrow band centered on the plant row in the bedding operation just prior to planting.</p> <p>In-furrow spray at planting. Direct spray in the furrow on the seed pieces or potatoes. As a side-dress to both sides of the row or as a broadcast spray to the soil during hilling. Cover immediately with soil.</p>
<ul style="list-style-type: none"> <li>• Do not apply more than one (1) soil application of <i>Belay</i> 50 WDG.</li> <li>• Do not apply more than 6.4 oz <i>Belay</i> 50 WDG (0.2 lb ai) per acre per season.</li> </ul>		

**THIS LABELING MUST BE IN THE POSSESSION OF THE USER AT THE TIME OF APPLICATION. PLEASE REFER TO CONTAINER LABEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS. FOLLOW ALL APPLICATION DIRECTIONS, RESTRICTIONS AND PRECAUTIONS ON THE EPA REGISTERED LABEL.**

**PLEASE CONTACT VALENT U.S.A. CORPORATION AT 800-6-VALENT (682-5368) TO DETERMINE IF THIS USE IS REGISTERED IN YOUR STATE.**

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Form 2008-BEL50-0010