

**GROUP 14 HERBICIDE**

  
**VENUE®**  
HERBICIDE

**A Nonselective Contact Herbicide for Broadleaf Weed Control**

**ACTIVE INGREDIENT:**

**Pyraflufen-ethyl:** Acetic acid, [2-chloro-5-[4-chloro-5-(difluoromethoxy)-1-methyl-1H-pyrazol-3-yl]-4-fluorophenoxy]-ethyl ester ..... **2.0%**

**OTHER INGREDIENTS:** ..... **98.0%**

**TOTAL** ..... **100.0%**

Contains 0.17 lb pyraflufen-ethyl per gallon

(CB)

(F)

EPA Reg. No. 71711- 25

EPA Est. No. 70815-GA-002 61842-CA-001  
superscript corresponds with lot number

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

*See inside booklet for First Aid, Precautionary Statements, and Directions for Use*

**NET CONTENTS:**

**1 quart**

**NICHINO**  
**AMERICA®**

Nichino America, Inc.  
4550 Linden Hill Road, Suite 501  
Wilmington, DE 19808

550510  
05/18

## **FIRST AID**

### **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.

## **HOTLINE NUMBER**

Have the product container or label with you when calling a poison control center or doctor or going for treatment. For additional information on this pesticide product, including human health concerns and medical emergencies, call 1-800-348-5832. In case of fire or spills, information may be obtained by calling 1-800-424-9300.

# **PRECAUTIONARY STATEMENTS**

## **HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

### **CAUTION**

Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Wear long-sleeved shirt and long pants, socks, shoes, and chemical-resistant gloves.

### **PERSONAL PROTECTIVE EQUIPMENT (PPE)**

**Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves

### **User Safety Requirements**

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

### **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.

### **ENGINEERING CONTROLS**

When handlers use closed systems, enclosed cabs, or aircraft 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.

### **ENVIRONMENTAL HAZARDS**

This product is toxic to fish and aquatic invertebrates. This product may contaminate water through drift of spray in wind or via runoff events. Use care when applying in areas adjacent to any body of water. Do not apply directly to water, 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. Do not apply when weather conditions favor drift from treated areas.

## **DIRECTIONS FOR USE**

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

## **AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 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.

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, wear:

- Coveralls
- Chemical-resistant gloves
- Shoes plus socks

## **NONAGRICULTURAL USE REQUIREMENTS**

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. For other uses, including interiorscapes and other nonagricultural uses, do not enter treated areas without protective clothing until sprays have dried.

## **USE INFORMATION**

**VENUE**<sup>®</sup> herbicide is a contact herbicide and requires thorough coverage for complete broadleaf weed control.

**VENUE** herbicide must be tank mixed with another foliar active broadleaf herbicide for complete control of most broadleaf weeds.

Do not apply **VENUE** herbicide through any type of irrigation system.

**VENUE** herbicide is rainfast one hour after application.

## ROTATIONAL CROP RESTRICTIONS

| Crop/Crop Group                                                                                                                                                                                                                                                                               | Rotational/Plantback Intervals                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| <b>Corn</b><br><b>Cotton</b><br><b>Grape</b><br><b>Olive</b><br><b>Pome Fruits</b> (Crop Group 11-10)<br><b>Pomegranate</b><br><b>Potato</b><br><b>Soybean</b><br><b>Stone Fruits</b> (Crop Group 12)<br><b>Tree Nuts</b> (Crop Group 14)<br>plus <b>Pistachio</b><br><b>Triticale, Wheat</b> | <p>0 days following application</p>                      |
| <b>Bulb Vegetables</b> (Crop Group 3)<br><b>Cereal Grains</b> (Crop Group 15)<br>except corn, wheat, and triticale;<br>see 0-day plantback interval<br>above                                                                                                                                  | <p>1 day following preplant burndown<br/>application</p> |



## ROTATIONAL CROP RESTRICTIONS *(continued)*

| Crop/Crop Group                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Rotational/Plantback Intervals                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| <b>Brassica (Cole) Leafy Vegetables</b><br>(Crop Group 5)<br><b>Cucurbit Vegetables</b> (Crop Group 9)<br><b>Fruiting Vegetables</b> (Crop Group 8)<br>except cucurbits<br><b>Leafy Vegetables</b> (Crop Group 4)<br>except brassica vegetables<br><b>Legume Vegetables, succulent or dried</b> (Crop Group 6)<br><b>Oilseed Group</b> (Crop Group 20)<br><b>Root and Tuber Vegetables</b> (Crop Group 1) except potato; see 0-day plantback interval above<br><b>Sugarcane</b> | 1 day following preplant burndown application                                      |
| All Other Rotational Crops                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Do not plant for 30 days following the last application of <b>VENUE</b> herbicide. |

## BROADLEAF WEEDS CONTROLLED

The following broadleaf weed species can be controlled or suppressed up to 4 inches in height or less or rosettes of 3 inches in diameter or less. Tank mixtures of **VENUE** herbicide with other labeled broadleaf herbicides may be needed for control of some weed species. Control may be reduced with weeds larger than 4 inches in height or 3 inches in diameter.

|                     |                                                       |                          |
|---------------------|-------------------------------------------------------|--------------------------|
| Alkaliweed*         | Cotton, volunteer<br>(conventional, GMO<br>varieties) | Ladysthumb               |
| Amaranth, Palmer*   | Dandelion, common                                     | Lambsquarters,<br>common |
| Bedstraw            | Dock, curly                                           | Lettuce, prickly         |
| Beggartick, hairy   | Dollarweed                                            | Mallow, common           |
| Beggarweed, Florida | Eclipta                                               | Malva spp.               |
| Bindweed, field     | Eveningprimrose,<br>cutleaf                           | Marestail*               |
| Buckwheat, wild     | Fleabane*                                             | Milkthistle              |
| Canola              | Geranium, Carolina                                    | Morningglory species     |
| Carpetweed          | Henbit                                                | Mustard, wild*           |
| Celery, wild        | Horsenettle*                                          | Nettle, stinging         |
| Chickweed           | Kochia                                                | Nightshade, black        |
| Clover, white       |                                                       | Nightshade, silverleaf   |
| Cocklebur           |                                                       | Panicle willowweed       |

## BROADLEAF WEEDS CONTROLLED *(continued)*

|                                                                                                                                                                                               |                                                                                                                                                  |                                                                                                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pigweed, redroot<br>Pigweed, smooth<br>Pineapple-weed<br>Poinsettia, wild<br>Poison-ivy<br>Potato, volunteer<br>Prickly sida (teaweed)<br>Purslane, common<br>Radish, wild<br>Ragweed, common | Ragweed, giant<br>Redmaid<br>Rocket, London<br>Sesbania, hemp<br>Smartweed,<br>Pennsylvania<br>Smellmelon<br>Sowthistle, annual<br>Spurge, leafy | Sunflower, common<br>Tansymustard,<br>Western<br>Thistle, Canada<br>Thistle, Russian<br>Toadflax, Dalmatian<br>Velvetleaf<br>Virginia-creeper<br>Waterhemp, common<br>Waterhemp, tall |
| *suppression                                                                                                                                                                                  |                                                                                                                                                  |                                                                                                                                                                                       |

## WEED RESISTANCE

Pyraflufen-ethyl, the active ingredient in this product, is a Group 14 herbicide based on the mode of action classification system of the Weed Science Society of America. Any weed population may contain plants naturally resistant to Group 14 herbicides. Such resistant weed plants may not be effectively managed using Group

14 herbicides but may be effectively managed utilizing another herbicide alone or in mixtures from a different Group and/or by using cultural or mechanical practices. However, a herbicide mode of action classification by itself may not adequately address specific weeds that are resistant to specific herbicides. Consult your local company representative, state cooperative extension service, professional consultants, or other qualified authorities to determine appropriate actions for treating specific resistant weeds.

## **BEST MANAGEMENT PRACTICES**

Proactively implementing diversified weed control strategies to minimize selection for weed populations resistant to one or more herbicides is recommended. A diversified weed management program may include the use of multiple herbicides with different modes of action and overlapping weed spectrum with or without tillage operations and/or other cultural practices. Research has demonstrated that using the labeled rate and directions for use is important to delay the selection for resistance. Scouting after a herbicide application is important because it can facilitate the early identification of weed shifts and/or weed resistance and thus pro-

vide direction on future weed management practices. One of the best ways to contain resistant populations is to implement measures to avoid allowing weeds to reproduce by seed or to proliferate vegetatively. Cleaning equipment between sites and avoiding movement of plant material between sites will greatly aid in retarding the spread of resistant weed seed.

## **TANK MIXTURES**

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

**VENUE** herbicide may be applied as a tankmix or in sequential application with other herbicide, fungicide, or insecticide products. Weather, crop conditions, or the presence of certain weeds, crop damaging insects, or diseases will indicate the inclusion of other pesticides in the application.

Note: It is recommended that the compatibility of **VENUE** herbicide in any tankmix combination be tested before use. To determine the physical compatibility with other products, use a jar test, as described below:

Using a quart jar, add the proportionate amounts of the products to 1 qt. of water. Add wettable powders and water-dispersible granular products first, then liquid flowables, and emulsifiable concentrates last. After thoroughly mixing, let stand for at least 5 minutes. If the combination remains mixed or can be remixed readily, it is physically compatible. Once compatibility has been proven, use the same procedure for adding required ingredients to the spray tank.

**Read and follow all label directions for each tankmix product. Always use in accordance with the most restrictive of label precautions and limitations.**

## **MIXING DIRECTIONS**

**VENUE Herbicide Alone:** Fill spray tank with  $\frac{3}{4}$  of the amount of water needed for the intended application, and then turn on agitation. Pour the specified amount of product on the surface of the water in the spray tank. Add the remaining water volume to the

spray tank with agitation running. Keep agitation running during filling and spraying operations. If spraying must be stopped before emptying the sprayer, resume agitation before spraying the remainder of the load. Mix only as much spray solution as can be sprayed within four hours. Storage and use of the previous day's spray mix may result in reduced activity.

**VENUE Herbicide in Tank Mixtures:** Begin with clean equipment. Fill spray tank with  $\frac{3}{4}$  of the amount of water needed for the intended application, and turn on agitation. If using a buffering agent, add after filling the tank with  $\frac{3}{4}$  amount of water. Add the specified amount of tankmix products in the following order while maintaining agitation:

- 1) products in water-soluble packets
- 2) wettable powders
- 3) water-dispersible granulars and/or soluble powders
- 4) flowable liquids (including **VENUE** herbicide)
- 5) emulsifiable concentrates
- 6) adjuvants and/or oils
- 7) remaining amount of water to achieve the desired level

Always follow the labeled mixing instructions of any partner products. Keep agitation running during filling and spraying operations. If spraying must be stopped before emptying the sprayer, resume agitation before spraying the remainder of the load. Mix only as much spray solution as can be sprayed within four hours. Storage and use of the previous day's spray mix may result in reduced activity.

Use an approved agricultural buffering agent, buffering to pH 7.5 or less if using **VENUE** herbicide in a water source greater than or equal to pH 7.5. Always buffer the water source **BEFORE** adding **VENUE** herbicide to the spray tank.

## **SPRAY DRIFT**

Avoid spray drift to all other crops and nontarget areas. Do not apply when weather conditions may cause drift. Do not allow this product to drift onto nontarget areas. Drift may result in illegal residues or injury to adjacent crops and vegetation in the form of leaf yellowing and defoliation. To avoid spray drift, do not apply aerially when wind speed is greater than 10 mph or during periods of temperature inversions. Use of larger droplet size will also reduce spray drift.



## **AVOIDING SPRAY DRIFT AT THE APPLICATION SITE IS THE RESPONSIBILITY OF THE APPLICATOR.**

The interaction of equipment and weather-related factors determines the potential for spray drift. The applicator is responsible for considering all these factors when making decisions. Droplet size, boom height, temperature inversions, and wind speed are the primary factors determining drift. The specific application conditions required for the use of this product are described below.

### **Information on Droplet Size**

The most effective way to reduce drift potential is to apply large droplets. The best drift management strategy is to apply the largest droplets that provide sufficient coverage and control. Applying larger droplets reduces drift potential but will not prevent drift if applications are made improperly or under unfavorable environmental conditions (see Wind, Temperature and Humidity, and Temperature Inversions).

## **Controlling Droplet Size**

**Volume** – Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger droplets.

**Pressure** – Do not exceed the nozzle manufacturer's recommended pressures. For many nozzle types, lower pressure produces larger droplets. When higher flow rates are needed, use higher flow rate nozzles instead of increasing pressure.

**Number of Nozzles** – Use the minimum number of nozzles that provide uniform coverage.

**Nozzle Orientation** – Orienting nozzles so that the spray is released parallel to the airstream produces larger droplets than other orientations and is the recommended practice. Significant deflection from horizontal will reduce droplet size and increase drift potential.

**Nozzle Type** – Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low-drift nozzles. Solid stream nozzles oriented straight back produce the largest droplets and the lowest drift.

**Maintenance of Nozzles** – Periodic inspection and subsequent replacement of nozzles to ensure proper chemical application is recommended.

### **Boom Length**

For some use patterns, reducing the effective boom length to less than  $\frac{3}{4}$  of the wingspan or rotor length may further reduce drift without reducing swath width.

### **Application Height**

Applications should not be made at a height greater than 10 feet above the top of the largest plants unless a greater height is required for aircraft safety. Making applications at the lowest height that is safe reduces exposure of droplets to evaporation and wind.

### **Swath Adjustment**

When applications are made with a crosswind, the swath will be displaced downwind. Therefore, on the up and downwind edges of the field, the applicator must compensate for this displacement by adjusting the path of the aircraft upwind. Swath adjustment distance should increase with increasing drift potential (higher wind, smaller drops, etc).

## **Wind**

Drift potential is lowest between wind speeds of 2-10 mph. However, many factors, including droplet size and equipment type determine drift potential at any given wind speed. Application must be avoided below 2 mph due to variable wind direction and high inversion potential. **Note:** Local terrain can influence wind patterns. Every applicator must be familiar with local wind patterns and how they affect spray drift.

## **Temperature and Humidity**

When making applications in low relative humidity, set up equipment to produce larger droplets to compensate for evaporation. Droplet evaporation is most severe when conditions are both hot and dry.

## **Temperature Inversions**

Applications must not occur during a temperature inversion because drift potential is high. Temperature inversions restrict vertical air mixing which causes small suspended droplets to remain in a concentrated cloud. This cloud can move in unpredictable directions due to the light and variable winds common during inversions.

Temperature inversions are characterized by increasing temperatures with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however, if fog is not present, inversions can also be identified 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.

### **Sensitive Areas**

The pesticide may only be applied when the potential for drift to adjacent sensitive areas (e.g. residential areas, bodies of water, known habitat for threatened or endangered species, nontarget crops) is minimal (e.g. when wind is blowing away from the sensitive areas).

## EQUIPMENT CLEANING

Do not allow the spray solution to dry in the application equipment. After application and before using the sprayer equipment for any other applications, the sprayer must be thoroughly cleaned. Applicators must ensure proper equipment clean-out for any other products mixed with **VENUE** herbicide as provided on the other product label(s). Immediately following application, clean all equipment thoroughly with detergent or a spray tank cleaner and water as described below. Should residues of **VENUE** herbicide remain in inadequately cleaned equipment, they may be released in subsequent applications and cause injury to crops.

1. Drain sprayer tank, hoses, and spray boom, and thoroughly rinse with clean water the inside of the spray tank, sprayer hoses, boom, and nozzles to remove any sediment or residues.
2. Fill the tank  $\frac{1}{2}$  full with clean water, add the appropriate detergent (follow manufacturer's directions for use). Fill tank to capacity, and operate the sprayer with agitation for 15 minutes to flush hoses, boom, and nozzles.

3. Drain the sprayer tank, lines, and booms. Rinse the tank with clean water and flush through the hoses, boom, and nozzles. Remove and clean spray nozzles, tips, and screens.
4. Dispose of all cleaning solutions, rinsate, and washwaters in accordance with federal, state, and local regulations.

## **APPLICATION AND DOSAGE**

| <b>Nonbearing Only - Date; Feijoa; Fig; Kiwi Fruit; Mango; Persimmon</b> |                                                 |                                                        |                                                                           |
|--------------------------------------------------------------------------|-------------------------------------------------|--------------------------------------------------------|---------------------------------------------------------------------------|
| <b>Application</b>                                                       | <b>Pest</b>                                     | <b>Rate/Acre</b>                                       | <b>Maximum Applications Per Year</b>                                      |
| In-Season                                                                | Listed Broadleaf Weeds<br><br>Sucker Management | 3.0 to 4.0 fl oz/acre<br>(0.0040 to 0.0053 lb ai/acre) | Do not exceed a combined total of 2 applications per year for these uses. |

*(continued)*

## **APPLICATION AND DOSAGE** *(continued)*

| <b>Bearing and Nonbearing - Date; Feijoa; Fig; Kiwi Fruit; Mango; Persimmon</b> |                              |                                                                 |                                                              |
|---------------------------------------------------------------------------------|------------------------------|-----------------------------------------------------------------|--------------------------------------------------------------|
| <b>Application</b>                                                              | <b>Pest</b>                  | <b>Rate/Acre</b>                                                | <b>Maximum Applications Per Year</b>                         |
| Postharvest<br>Dormant<br>Prebloom                                              | Listed<br>Broadleaf<br>Weeds | 3.0 to 4.0<br>fl oz/acre<br>(0.0040 to<br>0.0053 lb<br>ai/acre) | Do not exceed<br>3 applications<br>per year for this<br>use. |
| Postharvest<br>Dormant<br>Prebloom                                              | Sucker<br>Management         | 3.0 to 4.0<br>fl oz/acre<br>(0.0040 to<br>0.0053 lb<br>ai/acre) | Do not exceed<br>2 applications<br>per year for this<br>use. |

*(continued)*



## **APPLICATION AND DOSAGE** *(continued)*

**Bearing and Nonbearing - Date; Feijoa; Fig; Kiwi Fruit; Mango; Persimmon**

### **Directions for Use**

- Do not apply by air for this use.
- Apply in a minimum of 20 gallons spray solution per acre by ground equipment to target weeds and sucker growth.
- The addition of a COC adjuvant at a concentration of 1.0% to 2.0% is recommended for optimum weed control. Use the higher COC rate for larger labeled weed species or in low moisture conditions.
- COC adjuvants are recommended though other adjuvants may be used.
- Use the higher rate for hard-to-control weeds.
- Do not exceed 6.8 fl oz/acre (0.0090 lb ai/acre) per year for all postharvest, dormant, and prebloom applications combined.
- Do not exceed 6.8 fl oz/acre (0.0090 lb ai/acre) per year for all in-season applications combined.

*(continued)*

## **APPLICATION AND DOSAGE** *(continued)*

**Bearing and Nonbearing - Date; Feijoa; Fig; Kiwi Fruit; Mango; Persimmon**

### **Directions for Use** *(continued)*

- Allow a minimum of 30 days between applications for this use.
- For the management of undesirable sucker growth on the basal portion of trunks, root sprouts, and tree/vine trunks, growth must be controlled when the tissue is young, immature, and/or not hardened off.
- Avoid contact with green, uncallused bark of young trees or vines established less than one year unless protected from spray contact by nonporous wraps, grow tubes, or waxed containers.
- Do not allow spray to drift onto desirable fruit, foliage, vines, or trees as damage will occur.

*(continued)*

## APPLICATION AND DOSAGE *(continued)*

**Bearing and Nonbearing - Grape, Olive, Pome Fruits (Crop Group 11-10)** apple; azarole; crabapple; loquat; mayhaw; medlar; pear; Asian pear; quince; Chinese quince; Japanese quince; tejocote; cultivars, varieties, and/or hybrids of these, **Pomegranate, Stone Fruits (Crop Group 12)** apricot; sweet cherry; tart cherry; nectarine; peach; plum; Chickasaw plum; Damson plum; Japanese plum; plumcot; prune (fresh), **Tree Nuts (Crop Group 14 Plus Pistachio)** almond, beechnut, Brazil nut, butternut, cashew, chestnut, chinquapin, filbert (hazelnut), hickory nut, macadamia nut, pecan; walnut, black and English

| Application                        | Pest                         | Rate/Acre                                                       | Maximum Applications Per Year                                |
|------------------------------------|------------------------------|-----------------------------------------------------------------|--------------------------------------------------------------|
| Postharvest<br>Dormant<br>Prebloom | Listed<br>Broadleaf<br>Weeds | 3.0 to 4.0<br>fl oz/acre<br>(0.0040 to<br>0.0053 lb<br>ai/acre) | Do not exceed<br>3 applications<br>per year for this<br>use. |

## APPLICATION AND DOSAGE *(continued)*

**Bearing and Nonbearing - Grape, Olive, Pome Fruits (Crop Group 11-10), Pomegranate, Stone Fruits (Crop Group 12), Tree Nuts (Crop Group 14 Plus Pistachio)**

| <b>Application</b>                 | <b>Pest</b>                                              | <b>Rate/Acre</b>                                                | <b>Maximum Applications Per Year</b>                                                     |
|------------------------------------|----------------------------------------------------------|-----------------------------------------------------------------|------------------------------------------------------------------------------------------|
| Postharvest<br>Dormant<br>Prebloom | Sucker<br>Management                                     | 3.0 to 4.0<br>fl oz/acre<br>(0.0040 to<br>0.0053 lb<br>ai/acre) | Do not exceed<br>2 applications<br>per year for this<br>use.                             |
| In-Season                          | Listed<br>Broadleaf<br>Weeds<br><br>Sucker<br>Management | 3.0 to 4.0<br>fl oz/acre<br>(0.0040 to<br>0.0053 lb<br>ai/acre) | Do not exceed<br>a combined<br>total of 3<br>applications<br>per year for<br>these uses. |

## **APPLICATION AND DOSAGE** *(continued)*

**Bearing and Nonbearing - Grape, Olive, Pome Fruits (Crop Group 11-10), Pomegranate, Stone Fruits (Crop Group 12), Tree Nuts (Crop Group 14 Plus Pistachio)**

### **Directions for Use**

- Do not apply by air for this use.
- Apply in a minimum of 20 gallons spray solution per acre by ground equipment to target weeds and sucker growth.
- The addition of a COC adjuvant at a concentration of 1.0% to 2.0% is recommended for optimum weed control. Use the higher COC rate for larger labeled weed species or in low moisture conditions.
- COC adjuvants are recommended though other adjuvants may be used.
- Use the higher rate for hard-to-control weeds.
- Do not exceed 6.8 fl oz/acre (0.0090 lb ai/acre) per year for all postharvest, dormant, and prebloom applications combined.
- Do not exceed 12.0 fl oz/acre (0.0159 lb ai/acre) per year for all in-season applications combined.

## **APPLICATION AND DOSAGE** *(continued)*

**Bearing and Nonbearing - Grape, Olive, Pome Fruits (Crop Group 11-10), Pomegranate, Stone Fruits (Crop Group 12), Tree Nuts (Crop Group 14 Plus Pistachio)**

### **Directions for Use** *(continued)*

- Allow a minimum of 30 days between applications for this use.
- For the management of undesirable sucker growth on the basal portion of trunks, root sprouts, and vine trunks, growth must be controlled when the tissue is young, immature, and/or not hardened off.
- Avoid contact with green, uncalled bark of young trees or vines established less than one year unless protected from spray contact by nonporous wraps, grow tubes, or waxed containers.
- Do not allow spray to drift onto desirable fruit, foliage, vines, or trees as damage will occur.
- Preharvest Interval (PHI): 0 days

## SPOT TREATMENT

For spot treatment to listed broadleaf weeds or for sucker management, refer to the information below to determine the amount of **VENUE** herbicide to add to a tank. Spray using a pressure (pump-up) sprayer (or similar application equipment) until wet but prior to runoff. Use information for rates, concentrations, water volumes, and timing and frequency of application can be found in the **Rate/Acre** and **Directions for Use** columns in the **Application and Dosage** tables. Please refer to and follow all precautions and restrictions under **Directions for Use** for the crop to be treated.

### Fluid Oz of VENUE Herbicide to Add to Sprayer Tank

| <b>Sprayer tank capacity<br/>(gallons)</b> | <b>Spray volume<br/>(gallons/A)</b> | <b>fluid oz<br/>VENUE<br/>herbicide to<br/>add per tank<br/>for a rate of<br/>1.0 fl oz/A<br/>(0.0013 lb ai/A)</b> | <b>fluid oz<br/>VENUE<br/>herbicide to<br/>add per tank<br/>for a rate of<br/>4.0 fl oz/A<br/>(0.0053 lb ai/A)</b> |
|--------------------------------------------|-------------------------------------|--------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| 1                                          | 20                                  | 0.05                                                                                                               | 0.20                                                                                                               |
|                                            | 30                                  | 0.03                                                                                                               | 0.13                                                                                                               |
|                                            | 40                                  | 0.03                                                                                                               | 0.10                                                                                                               |
| 3                                          | 20                                  | 0.15                                                                                                               | 0.60                                                                                                               |
|                                            | 30                                  | 0.10                                                                                                               | 0.40                                                                                                               |
|                                            | 40                                  | 0.08                                                                                                               | 0.30                                                                                                               |
| 5                                          | 20                                  | 0.25                                                                                                               | 1.00                                                                                                               |
|                                            | 30                                  | 0.17                                                                                                               | 0.67                                                                                                               |
|                                            | 40                                  | 0.13                                                                                                               | 0.50                                                                                                               |



### Fluid Oz of VENUE Herbicide to Add to Sprayer Tank *(continued)*

| Sprayer tank capacity (gallons) | Spray volume (gallons/A) | fluid oz VENUE herbicide to add per tank for a rate of 1.0 fl oz/A (0.0013 lb ai/A) | fluid oz VENUE herbicide to add per tank for a rate of 4.0 fl oz/A (0.0053 lb ai/A) |
|---------------------------------|--------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 10                              | 20                       | 0.50                                                                                | 2.00                                                                                |
|                                 | 30                       | 0.33                                                                                | 1.33                                                                                |
|                                 | 40                       | 0.25                                                                                | 1.00                                                                                |

#### Formula

Fluid Ounce **VENUE** herbicide to add to sprayer tank =  

$$\frac{\text{Application Rate} \times \text{Sprayer Tank Capacity}}{\text{Spray Volume}}$$

*(continued)*

## **Fluid Oz of VENUE Herbicide to Add to Sprayer Tank** *(continued)*

### **Example Calculation for 1 gallon sprayer tank capacity**

Fluid Ounce **VENUE** herbicide to add to sprayer tank =

$$\frac{4.0 \text{ fl oz/A} \times 1 \text{ gallon}}{40 \text{ gallons/A}}$$

$$= 0.10 \text{ fl oz}$$

where: Application rate = 4.0 fl oz/A

Sprayer tank capacity = 1 gallon

Spray volume = 40 gallons/A

### **Example Calculation for 5 gallon sprayer tank capacity**

Fluid Ounce **VENUE** herbicide to add to sprayer tank =

$$\frac{4.0 \text{ fl oz/A} \times 5 \text{ gallons}}{40 \text{ gallons/A}}$$

$$= 0.50 \text{ fl oz}$$

where: Application rate = 4.0 fl oz/A

Sprayer tank capacity = 5 gallons

Spray volume = 40 gallons/A

## APPLICATION AND DOSAGE *(continued)*

| Pasture and Rangeland        |                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------------|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pest                         | Rate/Acre                                                       | Directions for Use                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Listed<br>Broadleaf<br>Weeds | 2.0 to 3.5<br>fl oz/acre<br>(0.0026 to<br>0.0046 lb<br>ai/acre) | <ul style="list-style-type: none"><li>• Apply in a minimum of 2 gallons water per acre by air or 10 gallons water per acre by ground for this application.</li><li>• The addition of a crop oil or spray tank adjuvant at a concentration of 0.5% to 1.0% is recommended for optimum weed control.</li><li>• Use the higher rate for hard-to-control weeds.</li><li>• Do not make more than 2 applications or exceed 7.0 fl oz/acre (0.0093 lb ai/acre) per year for this use.</li></ul> |

*(continued)*

## APPLICATION AND DOSAGE *(continued)*

| Pasture and Rangeland <i>(continued)</i> |                                                                 |                                                                                                                                                                                                                                                                                   |
|------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pest                                     | Rate/Acre                                                       | Directions for Use                                                                                                                                                                                                                                                                |
| Listed<br>Broadleaf<br>Weeds             | 2.0 to 3.5<br>fl oz/acre<br>(0.0026 to<br>0.0046 lb<br>ai/acre) | <ul style="list-style-type: none"><li>• Allow a minimum of 14 days between applications for this use.</li><li>• Livestock may graze treated areas as soon as the spray solution has dried on the foliage.</li><li>• Refer to <b>Rotational Crop Restrictions</b> table.</li></ul> |

*(continued)*

## APPLICATION AND DOSAGE *(continued)*

| Fallow Bed and Crop Stubble                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                           |                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------------------------------------------------------------------|
| Application                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Pest                      | Rate/Acre                                                        |
| Preplant<br>Burndown                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Listed<br>Broadleaf Weeds | 3.0 to 4.0<br>fl oz/acre<br><br>(0.0040 to 0.0053 lb<br>ai/acre) |
| Directions for Use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                           |                                                                  |
| <ul style="list-style-type: none"><li>• Apply in a minimum of 5 gallons spray solution per acre by air or 10 gallons spray solution per acre by ground.</li><li>• The addition of a COC adjuvant at a concentration of 1.0% to 2.0% is recommended for optimum weed control. Use the higher COC rate for larger labeled weed species or in low moisture conditions.</li><li>• COC adjuvants are recommended though other adjuvants may be used.</li><li>• Use the higher rate for hard-to-control weeds.</li></ul> |                           |                                                                  |

## APPLICATION AND DOSAGE *(continued)*

### Fallow Bed and Crop Stubble *(continued)*

#### Directions for Use *(continued)*

- Do not make more than 3 applications or exceed 6.8 fl oz/acre (0.0090 lb ai/acre) per year.
- Allow a minimum of 30 days between applications for this use.
- Refer to **Rotational Crop Restrictions** table.

*(continued)*

## **APPLICATION AND DOSAGE** *(continued)*

### **Non-Cropland; Uncultivated Agricultural Areas; Conservation Reserve Program Land/Federal Set-Aside Acreage\* (Non-Food Producing)**

| <b>Pest</b>                  | <b>Rate/Acre</b>                                                | <b>Directions for Use</b>                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Listed<br>Broadleaf<br>Weeds | 3.0 to 4.0<br>fl oz/acre<br>(0.0040 to<br>0.0053 lb<br>ai/acre) | <ul style="list-style-type: none"><li>• Apply in a minimum of 5 gallons spray solution per acre by air or 10 gallons spray solution per acre by ground.</li><li>• The addition of a COC adjuvant at a concentration of 1.0% to 2.0% is recommended for optimum weed control. Use the higher COC rate for larger labeled weed species or in low moisture conditions.</li><li>• COC adjuvants are recommended though other adjuvants may be used.</li></ul> |

## APPLICATION AND DOSAGE *(continued)*

### Non-Cropland; Uncultivated Agricultural Areas; Conservation Reserve Program Land/Federal Set-Aside Acreage\* (Non-Food Producing) *(continued)*

| Pest                         | Rate/Acre                                                       | Directions for Use <i>(continued)</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------------------|-----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Listed<br>Broadleaf<br>Weeds | 3.0 to 4.0<br>fl oz/acre<br>(0.0040 to<br>0.0053 lb<br>ai/acre) | <ul style="list-style-type: none"><li>• Use the higher rate for hard-to-control weeds.</li><li>• Do not make more than 3 applications or exceed 6.8 fl oz/acre (0.0090 lb ai/acre) per year.</li><li>• Allow a minimum of 30 days between applications for this use.</li><li>• Applications to non-cropland areas are not applicable to treatment of commercial timber or other plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes.</li></ul> |



## APPLICATION AND DOSAGE *(continued)*

### Non-Cropland; Uncultivated Agricultural Areas; Conservation Reserve Program Land/Federal Set-Aside Acreage\* (Non-Food Producing) *(continued)*

| Pest                                                             | Rate/Acre                                                       | Directions for Use <i>(continued)</i>                     |
|------------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------|
| Listed<br>Broadleaf<br>Weeds                                     | 3.0 to 4.0<br>fl oz/acre<br>(0.0040 to<br>0.0053 lb<br>ai/acre) | • Refer to <b>Rotational Crop<br/>Restrictions</b> table. |
| *Follow federal, state and local rules for use on grass and hay. |                                                                 |                                                           |

*(continued)*

## APPLICATION AND DOSAGE *(continued)*

### Noncrop Weed Control

airports and airfields; commercial plants; storage and lumber yards; fence lines and fence rows; farmyards and farm buildings; barrier strips and firebreaks; equipment areas; railroads; road-side and utility rights-of-way; fuel tank farms and pumping stations; dry ditches and ditchbanks; vacant lots; and similar agricultural and industrial noncrop sites

| Pest                   | Rate/Acre                                              | Directions for Use                                                                                                                                                                                                                                                                                                                      |
|------------------------|--------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Listed Broadleaf Weeds | 3.0 to 4.0 fl oz/acre<br>(0.0040 to 0.0053 lb ai/acre) | <ul style="list-style-type: none"><li>• Apply in a minimum of 20 to 40 gallons spray solution per acre by ground.</li><li>• The addition of a COC adjuvant at a concentration of 1.0% to 2.0% is recommended for optimum weed control. Use the higher COC rate for larger labeled weed species or in low moisture conditions.</li></ul> |

## APPLICATION AND DOSAGE *(continued)*

### Noncrop Weed Control *(continued)*

airports and airfields; commercial plants; storage and lumber yards; fence lines and fence rows; farmyards and farm buildings; barrier strips and firebreaks; equipment areas; railroads; road-side and utility rights-of-way; fuel tank farms and pumping stations; dry ditches and ditchbanks; vacant lots; and similar agricultural and industrial noncrop sites

| Pest                         | Rate/Acre                                                       | Directions for Use <i>(continued)</i>                                                                                                                                                                                                                                                                                                  |
|------------------------------|-----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Listed<br>Broadleaf<br>Weeds | 3.0 to 4.0<br>fl oz/acre<br>(0.0040 to<br>0.0053 lb<br>ai/acre) | <ul style="list-style-type: none"><li>• COC adjuvants are recommended though other adjuvants may be used.</li><li>• Use the higher rate for hard-to-control weeds.</li><li>• Do not make more than 3 applications or exceed 12.0 fl oz/acre (0.0159 lb ai/acre) per year.</li><li>• Avoid contact with desirable vegetation.</li></ul> |

## **STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Store in original container, and keep tightly closed when not in use. Store in a cool, dry place.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product must 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  $\frac{1}{4}$  full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available, or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

## **IMPORTANT: READ BEFORE USE**

By using this product, user or buyer accepts the following conditions, warranty, disclaimer of warranties, and limitations of liability.

**CONDITIONS:** The directions for use of this product are believed to be accurate and must be followed carefully. However, because of extreme weather and soil conditions, use methods and other factors beyond the control of Nichino America, Inc. (NAI), it is impossible for NAI to eliminate all risks associated with the use of this product. As a result, crop injury or ineffectiveness is always possible. To the extent consistent with applicable law, all such risks are assumed by the user or buyer.

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MAS-324 121516-6  
09/05/2017

**GROUP 14 HERBICIDE**



## **A Nonselective Contact Herbicide for Broadleaf Weed Control**

### **ACTIVE INGREDIENT:**

**Pyraflufen-ethyl:** Acetic acid, [2-chloro-5-[4-chloro-5-(difluoromethoxy)-1-methyl-1H-pyrazol-3-yl]-4-fluorophenoxy]-ethyl ester ..... **2.0%**

**OTHER INGREDIENTS:** ..... **98.0%**

**TOTAL** ..... **100.0%**

Contains 0.17 lb pyraflufen-ethyl per gallon

(CB)

(F)

**EPA Reg. No. 71711- 25**

**EPA Est. No. 70815-GA-002 61842-CA-001**

superscript corresponds with lot number

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**FIRST AID:** 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. **HOTLINE NUMBER:** Have the product container or label with you when calling a poison control center or doctor or going for treatment. For additional information on this pesticide product, including human health concerns and medical emergencies, call 1-800-348-5832. In case of fire or spills, information may be obtained by calling 1-800-424-9300.

***See attached booklet for Precautionary Statements and Directions for Use***

**NET CONTENTS: 1 quart**

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05/18