OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

February 05, 2026

Catherine Rice
catherine.rice@envu.com
FMC CORPORATION

Subject: Non-PRIA (Pesticide Registration Improvement Act) Labeling Amendment - Label amendment updating warranty statement, updating table formatting, and adding California required aerial application language.
Product Name: CARFENTRAZONE ROW HERBICIDE
Admin Number: 101563-271
EPA Receipt Date: 07/26/2023
Action Case Number: 00487491

Dear Catherine Rice:

The amended labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable.

This approval does not affect any terms or conditions that were previously imposed on this registration. You continue to be subject to existing terms or conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one (1) copy of the final printed labeling before you release this product for shipment with the new labeling. In accordance with 40 CFR § 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. “To distribute or sell” is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR § 152.3.

Should you wish to add/retain a reference to your company’s website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the EPA find or if it is brought to our attention that a website contains statements or claims substantially differing from statements or claims made in connection with obtaining a FIFRA section 3 registration, the website will be referred to the EPA’s Office of Enforcement and Compliance Assurance.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6.

If you have questions, please contact Eric Ingram via email at ingram.eric@epa.gov.

Sincerely,

Kable Bo Davis

Kable Bo Davis, Senior Advisor
FHB, RD
Office of Pesticide Programs

NOTE to EPA Product Manager: Text in brackets [ ] is optional

Carfentrazone-ethyl	GROUP	14	HERBICIDE

Carfentrazone ROW Herbicide

Alternate Brand Names:
- **Quicksilver IVM herbicide**
- **Altify Herbicide**
- **Altify IVM Herbicide**
- **Altify NXT Herbicide**

For Commercial Use Only.
For use in Rights-of-Way, Utility & Industrial Areas, Fencerows, Paved Areas, Rangeland, Permanent Grass Pastures and Site Preparation.

EPA Reg. 101563-271 **EPA Est.**

Active Ingredient:	**By Wt.**
Carfentrazone-ethyl:.....	21.3%
Other Ingredients:.....	78.7%
	100.0%

This product contains 1.9 pounds active ingredient per gallon.
Contains Petroleum Distillates

KEEP OUT OF REACH OF CHILDREN
CAUTION

See [other][additional][[side][front][back]panels] [[inside] booklet] for additional precautionary information.

[Active ingredient made in China, formulated and packaged in U.S.A.]

PRODUCED FOR
Environmental Science U.S., LLC
5000 CentreGreen Way, Suite 400
Cary, NC 27513

NET CONTENTS ___

ACCEPTED
02/05/2026
Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 101563-271

[PEEL BACK BOOK HERE]

NOTE to EPA Product Manager: Text in brackets [ ] is optional

FIRST AID	
If inhaled	• Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
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 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.
If swallowed	• Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
MEDICAL HOTLINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact the Environmental Science U.S., LLC Emergency Response Telephone No. 1-800-424-9300 for emergency medical treatment information.	
NOTE TO PHYSICIAN	
This product is expected to have low oral and dermal toxicity, and moderate inhalation toxicity. It is expected to be slightly irritating to the skin and minimally irritating to the eyes. Treatment is otherwise controlled removal of exposure followed by symptomatic and supportive care. This product may pose an aspiration pneumonia hazard.	

For technical support or information regarding the use of this product, call 1-800-331-2867

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Harmful if swallowed, absorbed through the skin or inhaled. Causes moderate eye irritation. Avoid breathing spray mist. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear

- Long-sleeved shirt and long pants,
- Chemical-resistant gloves made of barrier laminate or viton ≥14 mils, and
- Shoes plus socks.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product. Do not reuse them. Follow manufacturer instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations:

Users should:

- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Environmental Hazards

This product is very toxic to algae and moderately toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark, except as specified

on this label. Do not contaminate water when disposing of equipment washwaters.

Fish Advisory Statement: This product may be hazardous to aquatic organisms, particularly in clear, shallow water bodies that are adjacent to treated areas. Transport to water by runoff or spray drift of this product in areas where surface water is present, or intertidal areas below the mean high water mark, should be avoided. Do not contaminate water when disposing of equipment wash water or rinsate.

Non-target Organism Advisory Statement: This product is toxic to plants and may adversely impact the forage and habitat of non-target organisms, including pollinators, in areas adjacent to the treated site. Protect the forage and habitat of non-target organisms by following label directions intended to minimize spray drift.

Physical/Chemical Hazards
FLAMMABLE. Do not use or store near heat or open flame.

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. Avoid spray drift onto non-target susceptible plants such as vegetables, flowers, ornamentals, trees, shrubs and other desirable plants.
Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

Agricultural Use Requirements
Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: Coveralls, chemical-resistant gloves made of barrier laminate or viton ≥14 mils, and shoes plus socks.

Non-Agricultural Use Requirements
The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard 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.

Re-entry statement: Do not allow people (other than applicator) or pests on treatment area during application. Do not enter treatment areas until spray has dried.

PRODUCT INFORMATION
Carfentrazone ROW HERBICIDE is a liquid formulation that is emulsifiable in water. The formulation contains 1.9 lbs active ingredient per gallon. Carfentrazone ROW HERBICIDE can be mixed with water and applied for selective postemergent control of broadleaf weeds.

Use Restrictions
Only use for sites, pests, and application methods specified on this labeling.

- **DO NOT** apply this product through any type of irrigation system.

Endangered and Threatened Species Protection Requirements:
Before using this product, you must obtain any applicable Endangered Species Protection Bulletins ('Bulletins') within six months prior to or on the day of application. To obtain Bulletins, go to Bulletins Live! Two (BLT) at **https://www.epa.gov/pesticides/bulletins** When using this product, you must follow all directions and restrictions contained in any applicable Bulletin(s) for the area where you are applying the product, including any restrictions on application timing if applicable. It is a violation of Federal law to use this product in a manner inconsistent with its labeling, including this labeling instruction to follow all directions and restrictions contained in any applicable Bulletin(s). For general questions or technical help, call 1-844-447-3813, or email ESPP@epa.gov

Weed Resistance Management
For resistance management, Carfentrazone ROW HERBICIDE is a Group 14 herbicide. Any weed population may contain or develop plants naturally resistant to Carfentrazone ROW HERBICIDE and other Group 14 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same area. Appropriate resistance management strategies should be followed.

To delay herbicide resistance, take one or more of the following steps:

- Rotate the use of Carfentrazone ROW HERBICIDE or other Group 14 herbicides within a growing season sequence or among growing seasons with different herbicide groups that control the same weeds.
- Use tank mixtures with herbicides from a different group if such use is permitted; where information on resistance in target weed species is available, use the less resistance-prone partner at a rate that will control the target weed(s) equally as well as the more resistance-prone partner. Consult your local extension service or pest control advisor if you are unsure as to which active ingredient is currently less prone to resistance.
- Adopt an integrated weed-management program for herbicide use that includes scouting and uses historical information related to herbicide use and that considers mechanical control methods, cultural (e.g., timing to favor the turf and not the weeds), biological (weed-competitive varieties) and other management practices.
- Scout after herbicide application to monitor weed populations for early signs of resistance development. Indicators of possible herbicide resistance include: (1) failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds; (2) a spreading patch of non-controlled plants of a particular weed species; (3) surviving plants mixed with controlled individuals of the same species. If resistance is suspected, prevent weed seed production in the affected area by an alternative herbicide from a different group or by a mechanical method. Prevent movement of resistant weed seeds to other areas by cleaning equipment.
- If a weed pest population continues to progress after treatment with this product, discontinue use of this product, and switch to another management strategy or herbicide with a different mode of action, if available.

Contact your local extension specialist or pest control advisors for additional pesticide resistance-management and/or integrated weed-management recommendations for specific types of turf and weed biotypes.

For further information or to report suspected resistance, call Environmental Science U.S., LLC at 800-331-2867. You can also contact your pesticide distributor or university extension specialist to report resistance.

Mixing and Loading Instructions
Fill the spray tank 3/4 full with clean water. Make sure the agitation system is operating. Add the

recommended amount of this product and complete filling the spray tank to the desired level. The spray tank agitation should be sufficient to ensure uniform spray mixture during application. When tank mixing with other products, this product should be mixed first in the spray tank. After the product is thoroughly mixed, add the other products as specified on their label. Ensure the compatibility of other products with this product before mixing them in the tank.

Do not use with tank additives that alter the pH of the spray solution below pH5 or above pH8. Buffer spray solution to alter the pH range as appropriate.

Tank Mixtures
This product may be tank mixed with other herbicides to control weeds not listed on this label. Read and follow all manufacturer's label recommendations for the companion herbicide except for specific recommendations on this label.

With adjuvants
Use a non-ionic surfactant (NIS) with a minimum concentration of 80% at 0.25% v/v (2 pints per 100 gallons of spray solution) or a non-ionic surfactant at 0.25% v/v (2 pints per 100 gallons) plus 28% nitrogen (UAN) at 2 to 4 quarts per 100 gallons or a methylated seed oil surfactant at 0.5% v/v (4 pints per 100 gallons) or ammonium sulfate (AMS) at 2-4 pounds per acre where recommended by those companion herbicides listed on this label.

Spray Equipment Clean-Out
Residues left in mixing equipment, spray tanks, hoses, spray booms and nozzles can cause non-target plant effects if they are not properly cleaned. Because Carfentrazone ROW Herbicide can be highly phytotoxic to sensitive crops and ornamental plants it is strongly recommended that only equipment that is dedicated exclusively to industrial vegetation management herbicides or Rangeland and Permanent Grass Pastures be used in the application of Carfentrazone ROW Herbicide.
If not using a dedicated sprayer, observe the following cleanout procedures:

1. Drain spray tank, hoses, and boom and thoroughly wash the inside of the sprayer tank free of visible sediment and residues. Thoroughly flush tank, sprayer hoses, boom, and nozzles.
2. Fill the tank with clean water, and add 1 gallon of ammonia (containing at least 3% active) for every 100 gallons of water. Fill the tank to capacity and operate the sprayer for 15 minutes to flush hoses, boom and nozzles. Let the solution stand in the hoses, tanks, boom and nozzles for several hours or overnight.
3. Drain the sprayer system. Rinse the tank with clean water and flush through the hoses and boom. Repeat the clean water rinse and flush. Remove and clean nozzles and screens separately.

Do not apply sprayer cleaning solutions or rinsate to any lawns, ornamentals, gardens or crops.
For more specific information on clean-out procedures contact Environmental Science U.S., LLC at 800-331-2867.
Should small quantities of Carfentrazone ROW Herbicide remain in mixing, loading and/or spray equipment that has been cleaned as described above, they may be released during subsequent applications potentially causing effects to non-target vegetation. Environmental Science U.S., LLC accepts no liability for adverse responses to non-target plants or crops.

MANDATORY SPRAY DRIFT MANAGEMENT

Ground Boom Applications

- For ground boom applications, apply with the nozzle height no more than 4 feet above the ground or crop canopy. For all other ground applications, the nozzle must be no more than 4 feet from the target vegetation.
- For ground applications, select nozzle and pressure that produce medium to coarse spray droplets as indicated in nozzle manufacturer's catalogues and according to the most current version of the American Society of Biological Engineers Standards 572 (ASAE S572).

Aerial Applications

- For aerial applications, the distance of the outer most nozzles on the boom must not exceed 75% of the length of the wingspan or 90% of rotor diameter. To further reduce drift, use on half of the length of the wingspan or rotor diameter at the edge of the field.
- Applicators must only spray when wind speed is 10 miles per hour or less.
- Applicators must not spray during temperature inversions.
- The release height must be no higher than 10 feet from the top of the crop canopy, unless a greater application height is required for pilot safety.
- Select nozzle and pressure that produce medium to coarse spray droplets as indicated in nozzle manufacturer's catalogues and according to the most current version of the American Society of Agricultural & Biological Engineers Standard 641 (ASABE S641).
- **[For Aerial Application in California**: Do not apply within 100 feet of all desirable vegetation or crops. If wind up to 10 miles per hour is blowing toward desirable vegetation or crop, do not apply within 500 feet of the desirable vegetation or crops.]

SPRAY DRIFT MANAGEMENT

AVOIDING SPRAY DRIFT AT THE APPLICATION SITE IS THE RESPONSIBILITY OF THE APPLICATOR AND THE GROWER.

Carfentrazone-ethyl is a contact herbicide. Avoid any drift conditions that would allow the product to contact desirable vegetation. Carfentrazone-ethyl is not volatile; however, mist from spray drift may cause injury to sensitive plants.

The interaction of equipment and weather related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions.

The following drift management requirements must be followed to avoid off-target movement from applications to agricultural field crops. These requirements do not apply to forestry applications, public health uses, or to applications of dry materials. Where states have more stringent regulations, they must be observed.

Information on droplet size

The most effective way to reduce drift potential is to apply large droplets. The optimum 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 when applications are made improperly, or under unfavorable environmental conditions (See Wind, Temperature and Humidity, and Temperature Inversions).

All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers.

For all non-aerial applications, wind speed must be measured adjacent to the application site, on the upwind side, immediately prior to application.

Controlling Spray Droplet Size

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

Pressure - Do not use pressures greater than that specified by the nozzle manufacturer. 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 – For aerial application, orient nozzles so that the spray is released parallel to the airstream. A parallel orientation results in larger droplets than other orientations and reduces air turbulence and the production of small droplets. 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. For aerial applications, solid stream nozzles oriented straight back produce the largest droplets and potentially the least drift.
Boom Length - For some aerial use patterns, reducing the effective boom length to less than 3/4 of the wingspan or rotor length may further reduce drift without reducing swath width.
Application Height – Making applications at the lowest height that is safe reduces exposure of spray droplets to evaporation and wind movement. Aerial applications should not be made at a height greater than 10 feet above the top of the target plants unless a greater height is required for aircraft safety.
Swath Adjustment - Swath adjustment distance must increase, with increasing drift potential (higher wind, smaller drops, etc.).

Wind - Drift potential is lowest between winds speeds of 3 to 10 mph. However, many factors, including droplet size and equipment type determine drift potential at any given wind speed. Applications shall be avoided below 3 mph due to variable wind direction and high inversion potential. Do not apply Carfentrazone-ethyl when wind speed exceeds 10 mph. NOTE: Local terrain can influence wind patterns. Every applicator shall 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 – Do not apply carfentrazone-ethyl during a temperature inversion because the 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 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 following 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.

Shielded Sprayers - Shielding the boom or individual nozzles can reduce the effects of wind. However, it is the responsibility of the applicator to verify that the shields are preventing drift and not interfering with uniform deposition of the product.

Sensitive Areas – Carfentrazone-ethyl shall only be applied when the wind is blowing away from adjacent sensitive areas (e.g. residential areas, bodies of water, known habitats for threatened or endangered species and non-target crops).

WEED CONTROL

Carfentrazone ROW Herbicide may be used on

- Rights-of-way, utility and industrial areas, fencerows,
- Paved surfaces,
- Site preparation prior to tree planting, and
- For broadleaf weed control in rangeland and permanent grass pastures.

Carfentrazone ROW HERBICIDE can be mixed with water and applied for selective postemergent control of broadleaf weeds**.** Refer to the individual use site sections on this label for rates of application.

Product Application Guidelines
When applied alone, weed control is best when the product is applied to small actively growing weeds (1-4 inches in height).

This product is a contact herbicide with little or no residual activity at recommended use rates.

This product is rapidly absorbed through the foliage of plants. The herbicide is rainfast within one hour after application. Within a few hours following application, the foliage of susceptible weeds show signs of desiccation, and in subsequent days necrosis and death of the plant.

Extremes in environmental conditions e.g. temperature and moisture, soil conditions, and cultural practices may effect the activity of this product. Under warm moist conditions, herbicide symptoms may be accelerated. While under very dry conditions, the expression of herbicide symptoms is delayed, and weeds hardened off by drought are less susceptible to this product.

Thorough weed coverage with the spray mixture is essential for optimum weed control. Do not apply when conditions are conducive to spray drift, poor spray deposition or poor weed coverage.

Use Precautions

- **Coverage is essential for good control.**
- Use a non-ionic surfactant (NIS) with a minimum concentration of 80% at 0.25% v/v (2 pints per 100 gallons of spray solution) or a petroleum or vegetable seed-based oil concentrate at 1.5 to 2.0 pints per acre.
- When this product is applied as a tank mixture with other herbicides, read and follow the label directions of the other product if they are more restrictive than those of the Carfentrazone ROW Herbicide label.

Ground Applications

- Utilize a boom and nozzle sprayer equipped with the appropriate nozzles, spray tips and screens and adjusted to provide optimum spray distribution and coverage at the appropriate operating pressures.
- Utilize nozzles which produce minimal amounts of fine spray droplets.
- Do not exceed 30 psi spray pressure unless otherwise required by the manufacturer of drift reducing nozzles.
- Apply a minimum of 10 gallons of spray solution per acre. Higher spray volumes are required when there is a dense weed population.
- Sprayers should be adjusted to position spray tips a minimum of 18 inches above the treatment area and operated to avoid the application of excessive herbicide rates directly over the treatment area.
- Be aware that overlaps and slower ground speeds while starting, stopping or turning while spraying may result in higher application rates.

Aerial Applications (by Helicopter Only)

- Use nozzle types and arrangements that will provide optimum coverage while producing a minimal amount of fine droplets.
- Apply at a minimum of 10 gallons of finished spray per acre. Higher spray volumes are required when there is a dense weed population or crop canopy.

SPECIFIC INSTRUCTIONS

USE CONVERSION TABLE	
fl oz product/A	**lbs ai/A**
1/4	0.004
1	0.016
1 1/2	0.024
2	0.031
6	0.093
10	0.15

Weeds Controlled and Suppressed

This product, when applied at recommended rates, will control many annual, biennial, and perennial

broadleaf weeds found in non-cropland area.

Weeds Controlled	Use Rate	
	lbs Carfentrazone-ethyl/ acre	fl oz product/ acre
Amaranthus spp. Annual Arrowhead Bedstraw, Catchweed Bindweed, Field (burndown) Black raspberry [Not registered for use in California] Flixweed Indian Jointvetch Lambsquarters, Common Mustard, Tansy Narrow leaved plantain Nightshade, Black Nightshade, Hairy Northern Jointvetch Pennycress, Field Pigweed, Redroot Purselane, Common Sesbania, Hemp Smartweed, Pennsylvania Spurge, prostrate Texasweed Velvetleaf (Up to 18 inches) Wallfower, Bushy Wooly croton [Not registered for use in California]	0.004 - 0.031	1/4 - 2
Anoda, Spurred Carpetweed Cocklebur, Common Groundcherry, Wright Kochia Morningglories: Entireleaf, Ivyleaf, Pitted & Scarlet Sage, Lanceleaf	0.016 - 0.031	1 - 2
Nightshade, Silver Ragweed, Common	0.024 - 0.031	1 1/2 - 2

Weeds Suppressed	Use Rate	
	lbs Carfentrazone-ethyl/ acre	fl oz product/ acre
Purple Ammania Rice Flatsedge Spreading Dayflower Thistle, Russian	0.004 - 0.031	1/4 - 2

RIGHTS-OF-WAY, UTILITY AND INDUSTRIAL AREAS AND FENCEROWS

This product is recommended to control broadleaf weeds on non-crop land areas such as rights-of-way (roadways, rest areas, utility, railroad, highway, pipeline, and rights-of-way that run through pasture and rangeland); utility facilities (such as substations, pipelines, tankfarms, pumping stations, parking and

storage areas, fencerows, and non-irrigated ditchbanks).

- **Rights-of-Way:** This product can be used to control many broadleaf weeds on rights-of-way. This use includes application to roadside, roadway and highways; to areas along utilities such as cable and powerlines; railroad track and embankment; highways, highway medians, bridge abutments, pipelines, and rights-of-way that run through pasture and rangeland.
  Use controlled application techniques that minimize the risk of off- target movement.
- **Utility and Industrial Areas:** This product can be used to control many broadleaf weeds in noncrop areas on or surrounding substations, pipelines, tankfarms, pump stations, production facilities, and bareground situations. It may also be used on parking and storage areas.
- **Fencerows:** This product can be used to control many broadleaf weeds in fencerows.

Observe all precautions on this label.

Additional Restrictions

- **DO NOT** apply more than 10 fl oz (0.15 lbs ai)/acre per season in rights-of-way, utility and industrial areas and fencerows.

Use this product at 1/4 - 2 fl oz (0.004 - 0.031 lbs ai) per acre in rights-of-way, utility and industrial areas and fencerows. Use rate is dependent upon target weed, stage of growth & environmental conditions at the time of application.

For best performance, make applications to actively growing weeds.

Apply this product alone or with other herbicides to control or suppress annual broadleaf weeds on rights-of-way, utility and industrial areas and fencerows.

- For control of additional broadleaf weeds, this product may be mixed with 2,4-D (amine or ester), MCPA (amine or ester), dicamba, atrazine, all currently labeled sulfonyl-urea herbicides and fluroxypyr.
- Optimum broad spectrum control of annual and perennial weeds requires a tank mix of a broad spectrum herbicide such as glyphosate, glufosinate, glyphosate - trimesium, Gramoxone ® Extra, imazapyr or imazapic.
- For all products used in tank mixes refer to the specific product labels for all restrictions on tank mixing and observe all label precautions and instructions.

PAVED SURFACES

This product can be used in tank mix combinations with systemic herbicides for control of weeds growing under or on asphalt, such as highways, capped islands, parking lots, sidewalks, driveways, bike or jogging paths, golf cart paths, tennis courts and other paved areas.

- Apply Carfentrazone ROW Herbicide at 2.0 fl oz/A in tank mixes with recommended use rates of systemic herbicides approved for paved surface applications.
- Observe all precautions and restrictions on the product labels. Always follow the most restrictive label.
- Apply as a broadcast foliar spray using ground operated sprayers in 10 to 100 gallons of total spray solution per acre.
- Coarse sprays are less likely to drift; therefore, do not use nozzles or nozzle configurations that dispense spray as fine spray droplets. For best results with ground application equipment, use flat fan or off-centered nozzles. Check for even distribution of spray droplets.
- Follow all appropriate Federal and State DOT guidelines and regulations for roadway paved surface applications. If applied prior to paving operations, perennial weed vegetative reproduction parts, such as rhizomes, stolons or tubers, should be removed by scalping with grader blade to a depth sufficient to ensure their complete removal. Paving should follow Carfentrazone ROW Herbicide applications as soon as possible.

SITE PREPARATION

Carfentrazone ROW Herbicide is recommended in combination with other herbicides labeled for use in site preparation, such as imazapyr, glyphosate and triclopyr, for control of regenerating conifer seedlings, for quick initial brown out (deadening) of foliage, and for control of herbaceous and perennial weeds in site preparation prior to planting any tree species, including conifers, hybrid tree cultivars, silvicultural nursery trees, eucalyptus, and Christmas trees.

- Apply Carfentrazone ROW Herbicide at 2.0 to 6.0 fl oz/A in combination with the other herbicides as a broadcast foliar spray using aerial (helicopter only) applications, ground operated sprayers, and hand-operated spray equipment such as back-back and pump-up sprayers. Refer to the appropriate product label for recommended rates of application and weeds controlled.
- Use the higher recommended rates for control of dense stands or difficult-to-control woody brush and trees.
- For control of herbaceous weeds only, use the lower recommended tank mixture rates.
- Observe all precautions and restrictions on the product labels. Always follow the most restrictive label and observe planting interval restrictions. Follow all appropriate Federal and State guidelines and regulations for aerial applications.

Additional Restrictions

- **DO NOT** apply more than 6 fl oz (0.093 lbs ai)/acre per season for site preparation.

For aerial applications (helicopter only)

- Apply the recommended rate of Carfentrazone ROW Herbicide plus combinations in 10 to 20 gallons of total spray solution per acre.
- Avoid direct application to any body of water.
- Maintain adequate stream management buffer zones to reduce potential for drift from the targeted application area.
- Coarse sprays are less likely to drift; therefore, do not use nozzles or nozzle configurations that dispense spray as fine spray droplets. Do not angle nozzles forward into the airstream and do not increase spray volume by increasing nozzle pressure.
- To avoid streaked, uneven or overlapped application, the use of appropriate marking devices and/or global positioning systems are recommended.
- Thoroughly wash aircraft and landing gear after each day of spraying to remove residues of Carfentrazone ROW Herbicide and other herbicide products that may have accumulated during spraying.

For ground and hand-operated sprayers:

- Apply the recommended rate of Carfentrazone ROW Herbicide plus combinations in 10 to 100 gallons of total spray solution per acre.
- As density of regenerating pine seedlings or weeds increases, spray volume should be increased within the recommended range to ensure complete coverage.
- Avoid direct application to any body of water.
- Maintain adequate stream management buffer zones to reduce the potential for drift off the targeted application area. Follow appropriate state guidelines for establishing and maintaining stream management buffer zones.
- Coarse sprays are less likely to drift; therefore, do not use nozzles or nozzle configurations that dispense spray as fine spray droplets. For best results with ground application equipment, use flat fan or off-centered nozzles. Check for even distribution of spray droplets.

BROADLEAF WEED CONTROL IN RANGELAND AND PERMANENT GRASS PASTURES

Apply Carfentrazone ROW Herbicide at a rate of 0.25 to 2 fl oz per acre to control susceptible broadleaf weeds on rangeland areas or established forage grasses in permanent grass pastures.

- Best results on most weeds are obtained when weeds are small and actively growing and application is made in 10 or more gallons per acre of water using ground equipment.
- Carfentrazone ROW Herbicide may be tank mixed with other herbicides labeled for rangeland and permanent grass pastures to control weeds not listed on this label. Refer to the appropriate product label of the tank mix partner for the recommended rates of application and adjuvant partners.

Additional Restrictions

- **DO NOT** apply more than 2 fl oz (0.031 lbs ai)/acre per season in rangeland and permanent grass pastures.

When used at the labeled rates, there are no grazing or haying restrictions following Carfentrazone ROW Herbicide applications.

STORAGE AND DISPOSAL

Pesticide Storage

Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, replace lids and close tightly. Do not put granule or dilute material into food or drink containers. Do not contaminate other pesticides, fertilizers, water, food, or feed by inappropriate storage or disposal.

In case of spill, avoid contact, isolate area and keep out unprotected persons and animals. **Confine spills.** You may contact the Environmental Science U.S., LLC Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Environmental Science U.S., LLC Emergency Response Telephone No. is 1-800-424-9300.

To confine spill: Dike surrounding area, sweep up spillage. Dispose of in accordance with information given under Pesticide Disposal. Wash spill area with water, absorb with sand, cat litter or commercial clay, sweep up and dispose of in an approved manner. Place damaged container in a large holding container. Identify contents per required hazardous waste labeling regulations.

Pesticide Disposal

Waste resulting from the use of this product may be disposed of at an approved waste disposal facility.

Container Disposal

Triple rinse container (or equivalent). Then offer for approved pesticide container recycling program, or puncture and dispose of in an approved waste disposal facility. Provided on site incineration is allowed by state and local authorities, stay out of smoke.

CONDITIONS OF SALE AND LIMITATIONS OF WARRANTY AND LIABILITY

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Ineffectiveness, plant injury, or other property damage as well as unintended consequences may result because of factors as beyond the control of Environmental Science U.S. LLC. Those factors include, but are not limited to, weather conditions, presence of other materials or the manner of use or application. All such risks shall be assumed by the user or buyer.

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