

#### OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

August 12, 2024

Catherine Rice Product Registration Manager FMC Corporation 2929 Walnut Street Philadelphia, PA 19104

Subject: Label Amendment - Registration Review Mitigation sulfentrazone

Product Name: F7220-3 Herbicide Concentrate

EPA Registration Number: 279-3437 Application Date: November 15, 2023

Decision Number: 594664

#### Dear Catherine Rice:

The Agency, in accordance with the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the sulfentrazone Interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

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

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling and must be used at your next label printing. You must

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submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 12 months from the date of this letter. After 12 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.

If you have any questions about this letter, please contact Concepción Rodríguez by phone at 202-566-0820, or via email at rodriguez.concepcion@epa.gov.

Sincerely,

Linda Arrington, Branch Chief

Risk Management and Implementation Branch 4 Pesticide Re-Evaluation Division

Office of Pesticide Programs

**ENCLOSURE: Stamped label** 

### F7220-3 Herbicide Concentrate

Selective Postemergence Control of Annual Grasses, Broadleaf weeds, and Sedges. For Home Lawn Use only.

 EPA Reg. No. 279-3437
 EPA Est. No. \_\_\_\_

 Active Ingredient:
 By Wt.

 Sulfentrazone.
 1.40 %

 Other Ingredients.
 98.60 %

 100.00 %

Contains 0.000926 pounds of active ingredient per fluid ounce of product.

[Not for sale, distribution, or use in Nassau or Suffolk Counties in NY State.] [New York: Only one application per year of this product is allowed.]

## KEEP OUT OF REACH OF CHILDREN CAUTION

See [other][additional][[side][front][back]panels] [[inside] booklet] for additional precautionary information. {Open – resealable label for directions & cautions}



**Net Contents:** 

ACCEPTED

Aug 12, 2024

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under

EPA Reg. No. 279-3437

[Treats up to \_\_\_\_ sq ft ] {Note to reviewer: Value is dependent on package size}

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	FIRST AID	
If swallowed	<ul> <li>Call poison control center or doctor immediately for treatment advice.</li> <li>Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>	
If on skin or clothing	<ul> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>	
If in eyes	<ul> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>	
	HOTLINE NUMBER	
Have the product contai	ner or label with you when calling a poison control center or doctor, or	

For technical information regarding the use of this product, call 1-800-321-1FMC(1362)

going for treatment. You may also contact 1-(800)-331-3148 for Emergency Assistance.

# PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

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

#### **ENVIRONMENTAL HAZARDS**

This product is toxic to marine/estuarine invertebrates. Care should be used when spraying in order to avoid contact with fish and reptile pets in/around ornamental ponds.

Drift and runoff of sulfentrazone products may be hazardous to plants in adjacent areas. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area.

#### DIRECTIONS FOR USE

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

This product may only be used to provide Selective Postemergence Control of Annual Grasses, Broadleaf weeds, and Sedges. For home lawn use only.

Observe all cautions and limitations on this label. The use of F7220-3 not consistent with this label may result in plant injury. Keep container closed to avoid spills and contamination.

[icon] Keep children and pets out of the treated area until sprays have dried.

#### **USE INFORMATION**

F7220-3 selectively controls tough weeds like purple and yellow nutsedge (nutgrass), Kyllinga, wild onion and garlic, broadleaf plantain, purslane, redroot pigweed, dandelion, spurge and other listed annual, biennial, and perennial broadleaf weeds in a great variety of lawns, including:

Cool-Season Grasses		
Creeping Bentgrass	Kentucky Bluegrass	
Fescue, fine	Rough Bluegrass	
Fescue, tall	Ryegrass (perennial)	

Warm-Season Grasses		
Bahiagrass	Kikuyugrass	
Bermudagrass	Seashore Paspalum	
Buffalograss	St. Augustinegrass	
Carpetgrass	Zoysiagrass	
Centipedegrass	ii iii	

	PRODUCT USAGE
Kills	Sedges and Broadleaf Weeds: Purple and Yellow Nutsedge, Kyllinga, Plantain, Clover, Spurge, Woodsorrel, Knotweed, Chickweed, Curly Dock, Wild Onion, Wild Garlic, and other listed weeds.
Use On	Well established turfgrasses. <u>Cool-Season Grasses</u> : Creeping Bentgrass, Fine & Tall Fescue, Perennial Ryegrass, Kentucky & Rough Bluegrass <u>Warm-Season Grasses</u> : Bahiagrass, Bermudagrass, Buffalograss, Carpetgrass, Centipedegrass, Kikuyugrass, Seashore Paspalum, St. Augustinegrass, Zoysiagrass
Amount to Use	Apply at the rate of 1 quart F7220-3 to cover 5,000 sq ft See label for additional instructions.
When to Use	As weeds are small and actively growing. Wait 1 month after application before re-seeding.

#### APPLICATION RESTRICTIONS AND PRECAUTIONS

- For best results, apply to weeds when less than 3 inches high.
- Wait at least 4 weeks after treatment before reseeding, winter overseeding or plugging lawns.
- The maximum annual application rate for F7220-3 is 9.3 fl oz of product (0.09 lbs sulfentrazone) per 1000 sq ft.
- Use only on well established non-stressed turfgrass. Applications to stressed plants (turfgrass or target weeds) may result in temporary discoloration or poor weed control. Allow turfgrass to develop good root system before applying.
- If discoloration occurs, treated turfgrass will recover with new growth and discolored leaf tissue
  will be removed with mowing. To reduce potential for discoloration, do not apply F7220-3 on
  turfgrass that is weakened by weather, mechanical, chemical, disease or other related stress.
  Maintain proper cultural practices such as adequate moisture and fertility levels to promote
  healthy turfgrass growth.
- Avoid applying when windy to prevent product drifting to other plants.
- Try to avoid overlap spraying.
- Do not apply to newly planted, plugged, or sodded turfgrass.
- Do not spray ornamentals, flowers or vegetable beds. For optimum control of some weeds, repeat application may be needed (see detailed instructions below).
- Do not spray over-the-top of flowers, ornamentals (including herbaceous) or garden vegetables other than those listed on the label under "Control of Weeds in Ornamentals" Section as injury may result.
- Do not use on turfgrasses other than those listed on the label.
- Do not use in greenhouses.
- Do not graze or feed treated grass clippings.

{Note to Review: Final label will include one of the following 4 options}

#### 1 [Hand trigger sprayer, pump-up sprayer or hose-end sprayer option]

F7220-3 can be applied using a hand trigger sprayer, pump-up sprayer or hose-end sprayer. The maximum single application rate for F7220-3 is 6.4 fl oz product (0.06 lbs sulfentrazone) per 1,000 sq ft.

Hand trigger and Pump-up sprayer: Mix 1.25 ounces of product per 1 gallon of water. Spray weeds directly until well covered.

Hose-end Applicators: Pour 6.4 ounces of product into container for every 1000 sq ft to be treated. Connect applicator to water hose. Broadcast spray across lawn to uniformly cover area to be treated.

Do not spray ornamentals, flowers or vegetable beds. For optimum control of some weeds, repeat application may be needed (see detailed instructions below).

#### 2 HOW TO USE THE READY-SPRAY® SYSTEM

#### Connect:

- 1. Shake well before using. [optional step]
- 2. Connect sprayer to hose.
- 3. Turn on water.
- 4. Extend hose to the farthest area of the lawn to be treated. [optional step]

#### Spray:

- 1. To begin spraying, point nozzle in the direction you want to spray.
- 2. Bend small plastic tab back and turn knob [clockwise] to ON position.
- 3. Spray evenly over measured area.

#### Finish:

- To STOP spraying, rotate the knob [counterclockwise] to the OFF position.
- 2. Turn off water.
- 3. Relieve water pressure by bending plastic tab back and turning knob to ON position until water slows to a drip. Then, turn knob back to OFF position.
- 4. Disconnect sprayer from hose.

[Illustration - Include RTS picture with hose applying with copy "connect to hose", move thumb trigger to Spray"]

## 3 HOW TO USE THE READY-SPRAY® II/[READY-SPRAY 2]/[APPLICATOR NAME] SYSTEM

#### Optional:

- 1. [Measure the total [entire] area to be sprayed. For rectangular areas, multiply the length by width to obtain total square feet.
- 2. See below directions for the ready-to-use hose-end sprayer.
- 3. Spray evenly over the entire measured area.]

End of optional section

#### Connect:

- 1. Shake well before using. [optional step]
- 2. Connect sprayer to hose.
- 3. Turn on water.
- 4. Extend hose to farthest area of the measured area to be treated. [optional step]

#### Spray:

- 1. To begin spraying, [disengage safety lock and] point nozzle in the direction you want to spray.
- 2. Slide thumb activation switch forward to ON position.
- 3. Spray evenly over measured area.

#### Finish:

- 1. To STOP spraying, slide thumb activation switch backward to OFF position.
- 2. Turn off water.
- 3. Relieve water pressure by sliding thumb switch to ON /WATER/ WATER ONLY position until water slows to a drip. Then, slide switch back to OFF position [and engage safety lock].
- 4. Disconnect sprayer from hose.

[Optional illustrations may be used in conjunction with the above steps]

4 [Applicator (Device) (Applicator Name) Directions]

[HOW TO APPLY/USE] [icon]

- [1. Remove] Remove [applicator name] from side clip [Illustration #1 & 2]
- Unwrap hose completely
- Remove protective strip from battery compartment to activate batteries
- **[2. Connect]** Insert [color of plug] plug at end of hose into [color of spout] spout on cap <u>until it clicks.</u> Flip up spout. Spout must remain up while spraying [*Illustration #3*]
- [3. Extend] Flip open [applicator name] wand until it locks into position [Illustration #4]
- **[4. Spray]** Twist nozzle at end of [applicator name] to desired spray pattern. [Ensure trigger lock is disengaged before spraying.] Hold [color of trigger] trigger for continuous spray. [*Illustration #5*]

Follow illustrations and instructions above. Twist nozzle at end of [applicator name] wand to desired spray pattern. Point [applicator name] wand away from body and hold (color of trigger) trigger for continuous spray. Release trigger to stop spray.

[After Use: twist nozzle to OFF position. [Engage trigger lock.] Flip the [applicator name] wand closed and store on the side (carrier, holder, clip).]

Important Use Information: Do not submerge in water. When storing sprayer for long periods, remove batteries.

To replace batteries: Open battery compartment at bottom of [applicator name] wand. Remove used batteries and replace with four new AA batteries in correct position as marked per diagram inside battery compartment. Securely close battery compartment door. Always use a complete set of the same type when replacing batteries. Never mix alkaline, carbon-zinc or rechargeable batteries.

#### <u>Option 4</u> – Trouble Shooting Section for [Battery Sprayer] [Applicator Name]

[Troubleshooting Tips:

Problem: Sprayer does not spray (function).

Possible Cause: Batteries not installed properly.

Solution: See instructions for correct battery placement.

Problem: Sprayer makes a straining noise (Sprayer runs but nothing (no product) comes out).

Possible Cause: Nozzle is turned Off.

Solution: Turn nozzle to (desired) spray setting (position).

Possible Cause: [Red] [color] plug at end of hose is not flipped up.

Solution: Insert [color of plug] plug at end of hose into [color of spout] spout on cap <u>until it</u> clicks and flip up spout.

Possible Cause: Sprayer is not primed.

Solution: Press and hold button on sprayer for about [X] seconds to prime the sprayer.

Problem: Spray pattern is weak (or uneven) (product flow is uneven or dribbles out of nozzle).

Possible Cause: Weak batteries.

Solution: Install a fresh set of batteries.

Possible Cause: [Red] [color of plug] plug at end of hose is not flipped up.

Solution: Insert [color of plug] plug at end of hose into [color of spout] spout on cap until it

<u>clicks.</u> (Attach coupler to the cap) and flip up spout. Possible Cause: Nozzle not fully open.

Solution: Turn nozzle to (desired) spray setting (position).]

#### CONTROL OF SEDGES (INCLUDING NUTSEDGES)

F7220-3 is effective against newly emerged and established sedges. Spray directly on emerged weeds to control or suppress sedges (see Table 1). Good spray coverage is needed for optimum control.

[illustration - Lawn with sedge]

Table 1. Sedge weed species controlled or suppressed

Common Name	Scientific Name
Kyllinga, green	Kyllinga brevifolia
Kyllinga, false green	Kyllinga gracillima
Nutsedge, purple*	Cyperus rotundus
Nutsedge, yellow	Cyperus esculentus
Sedge, globe	Cyperus globulosus
Sedge, cylindrical	Cyperus retrorsus
Sedge, Surinam	Cyperus surinamensis
Sedge, Texas	Cyperus polystachyos
*For optimal control of Purple Nutse	edge, spot treat as needed with [F7220-1 Herbicide] [Ortho

Nutsedge Killer for Lawnsl.

#### CONTROL OF ANNUAL, BIENNIAL & PERENNIAL BROADLEAF WEEDS

F7220-3 is effective against annual, biennial and perennial broadloaf weeds (see Table 2). Spray directly on newly emerged weeds to control or suppress a wide range of broadleaf weeds.

Table 2: Broadleaf weeds controlled or suppressed by F7220-3

Common Name	Scientific Name
Bittercress	Cardamine spp.
Black medic	Medicago lupulina
Buttercups	Ranunculus spp.
Carolina geranium	Geranium carolinianum
Carpetweed	Mollugo verticillata
Chickweed, common	Stellaria media
Cinquefoil	Potentilla spp.
Clover	Trifolium spp.
Cudweed	Gnaphalium spp.
Dandelion	Taraxacum officianale
Dock, Curly	Rumex crispus
Evening primrose	Oenothera spp.
Fiddleneck	Amsinckia spp.
Filaree	Erodium spp.
Goldenrod	Solidago spp.
Ground ivy	Glechoma hederacea
Henbit	Lamium amplexicaule
Knotweed, prostrate	Polygonum aviculare
Kochia	Kochia scoparia
Lambsquarters, common	Chenopodium album
Lawn burweed	Soliva pterosperma
Lespedeza, common	Lespedeza striata

Mallow, common	Malva neglecta
Parsley-piert	Aphanes microcarpa
Pennywort (Dollarweed)	Hydrocotyle spp.
Pigweed, Redroot	Amaranthus retroflexus
Pigweed, Smooth	Amaranthus hybridus
Pigweed, Tumble	Amaranthus albus
Pineapple weed	atricaria matricariodes
Plantain broadleaf	Plantago major
Plantain, buckhorn	Plantago lanceolata
Plantain, Narrow leaf	Plantago narowiforma
Puncturevine	Tribulus spp.
Purslane, common	Portulaca oleracea
Pursley, Florida	Richardia scabra
Redweed	Melochia corchorifolia
Rocket, London	Sisymbrium irio
Smartweed, Pennsylvania	Polygonum pensylvanicum
Sorrel, Red	Rumex acetosella
Speedwell	Veronica spp.
Spurge, (annuals)	Euphorbia spp.
Spurge, prostrate	Euphorbia humistrata
Spurge, spotted	Euphorbia maculate
Star-of-Bethlehem	Ornithogalum umbellatum
Velvetleaf	Abutilon theophrasti
Violet, wild	Viola spp.
Wild garlic	Allium vineale
Wild onion	Allium canadense
Woodsorrel, creeping	Oxalis corniculata
Woodsorrel, yellow	Oxalis stricta

#### CONTROL OF WEEDS IN ORNAMENTALS

F7220-3 (is effective in killing the listed weeds in established landscape plantings (see Table 3). Apply F7220-3 spray solution to the area where weeds are present. Applications should only be made over the top of or around the listed ornamentals. APPLICATION TO THE FOLIAGE OR ROOT ZONE OF UNLABELED ORNAMENTALS, PERENNIALS, OR ANNUAL BEDDING PLANTS MAY RESULT IN SEVERE PLANT INJURY. Use only on well-established, non-stressed plants:

Table 3. F7220-3 CAN BE APPLIED TO THE FOLLOWING ORNAMENTALS

Common Name	Scientific Name	
Boxwood, Common Box, Bonsai	Buxus spp.	
Dwarf Yaupon Holly	Ilex vomitoria 'Nana'	
Creeping Juniper	Juniperus horizontalis	
Roses	Rosa spp.	
Yews	Taxus spp.	
Glossy abelia	Abelia X grandiflora	
Butterfly bush or Summer lilac	Buddleia davidii	
Round leaf holly	llex rotunda	
Blue Holly or Meserve Holly	Ilex X meserveae	
Crepe myrtle	Lagerstroemia indica	
Douglas Fir	Pseudotsuga menziesii	
Rhododendrons	Rhododendron spp.	
Spirea (flowering bush)	Spirea spp.	

#### STORAGE AND DISPOSAL

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

#### **Pesticide Storage**

Store in a cool, dry area, preferably in a locked storage area and avoid excess heat. Keep from freezing. Do not store below 32°F. Always store pesticides in the original container. Store away from food and pet food. Keep out of reach of children and animals. After partial use, replace lids and close tightly. Do not put concentrate or dilute material into drink containers.

#### **Pesticide Disposal and Container Handling**

Nonrefillable container. Do not reuse or refill this container.

If empty: Place in trash or offer for recycling if available.

<u>If partly filled</u>: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

#### **OPTIONAL CLAIMS** (claims may appear on any or all label panels(s))

- Kills weeds not lawns
- Kills Yellow & Purple Nutsedge, Kyllinga
- Kills Yellow & Purple Nutsedge, Kyllinga and over 50 other tough weeds
- Kills Yellow & Purple Nutsedge, Kyllinga and over 60 other tough weeds
- Kills Nutsedge
- Kills Nutsedge in Warm and Cool Season Turf Grasses
- Kills Nutsedge in Northern and Southern Turf Grasses
- Kills Nutsedge in Northern Turf Grasses
- Kills Nutsedge in Cool Season Turf Grasses
- Kills Nutsedge in Southern Turf Grasses
- Kills Nutsedge in Warm Season Turf Grasses
- Nutsedge Killer
- Nutsedge Killer in Warm and Cool Season Turf Grasses
- Nutsedge Killer in Northern and Southern Turf Grasses
- Nutsedge Killer in Cool Season Turf Grasses
- Nutsedge Killer in Northern Turf Grasses
- Nutsedge Killer in Southern Turf Grasses
- Nutsedge Killer in Warm Season Turf Grasses
- Nutsedge Killer in Southern Turf Grasses
- Nutsedge Killer for broadcast application
- For Northern and Southern Turf Grasses
- For Northern Turf Grasses
- For Warm and Cool Season Turf Grasses
- For Cool Season Turf Grasses
- Rainproof in 2 hours
- Results are visible in days
- Complete kill occurs in 2-3 weeks
- Weed is yellowed in 1-2 days
- Connect and Spray Applicator No mixing required
- Ready to Spray no mixing
- Kills Roots, Shoots and nutlets
- Kills Tough Weeds
- Kills Tough Weeds, such as Purple and Yellow Nutsedge, Kyllinga, and other listed Sedges
- Also kills Plantain, Clover, Spurge, Woodsorrel, Knotweed, and other listed annual, biennial, and perennial broadleaf weeds
- Selective Herbicide for use in Northern Turf Grasses
- Selective Herbicide for use in Northern & Southern Turf Grasses
- Apply to growing and dormant grasses

- Uptake by both weed roots and shoots
- Dual action killing: Uptake by both leaves and roots
- Dual action killing Uptake by both leaves and roots
- Before/After
- Convenient [Simple] [Design]
- Easily covers large areas
- [Easy] [Ergonomic] Comfort Grip [Design]
- Easy grip [control]
- Easy [to use]
- Economical use to cover large areas
- Ergonomic [design]
- Gentle shower [applicator] [spray pattern]
- Guaranteed
- Guaranteed Results
- Hand doesn't get wet
- Hand stays dry
- Includes water [only] setting/option
- Instant/Easy [One-handed] on/off applicator/switch/action
- New/Now (on labeling for the first six (6) months following commercial introduction)
- · No mixing required
- One-handed operation
- Ready-Spray®/Ready-to-Spray/Applicator Name
- Simple [and easy] [to use]
- [Simply] attach to [garden] hose and spray/go
- For Northern & Southern Turf Grasses
- For Lawns
- Kills Yellow & Purple Nutsedge, Kyllinga
- Rainproof in 2 hours
- Guaranteed results
- Open resealable label for directions and precautions.
- [Quick and] Easy to Use
- Consistent spray [for maximum accuracy]
- Continuous [Adjustable] Spray [Wand] [illustration]
- Cut you time spraying in half
- Up to X minutes of continuous spray
- Over X minutes of continuous spray
- [New] [Improved Applicator]
- [New] [Comfort] [Shot] Wand [illustration]
- The easy way [to spray]
- Saves time and energy
- Continuous Spray
- Extended Reach [illustration]

#### OPTIONAL PRODUCT COMMUNICATIONS (claims may appear on any or all label panels(s))

[ORTHO® & YOUR ENVIRONMENT – Your yard is a place for family and pets to enjoy. That's why Ortho® products are designed with care to provide effective solutions to weed problems. Follow instructions for appropriate usage, storage, and disposal.]

Notice: To the extent consistent with applicable law, buyer assumes all risks of use, storage or handling of this product not in accordance with label directions.

#### The Ortho Guarantee

If for any reason you, the consumer, are not satisfied with this product, mail us original proof of purchase to obtain a full refund of your purchase price.

#### [Spanish translation]

[on last page of booklet label attached to bottle, also attach the following] [icon] Questions, Comments or Medical Information 1-800-225-2883 www.ortho.com

Manufactured for [Sold By] The Ortho Group PO Box 190 Marysville, OH 43040