



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: F7220-2
EPA Registration Number: 279-3353
Application Date: November 15, 2023
Decision Number: 594663

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

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,

A handwritten signature in blue ink, appearing to read "Linda Arrington", with a stylized flourish at the end.

Linda Arrington, Branch Chief
Risk Management and Implementation Branch 4
Pesticide Re-Evaluation Division
Office of Pesticide Programs

ENCLOSURE: Stamped label

F7220-2

Selective Postemergence Control of Annual Grasses, Broadleaf weeds, and Sedges in Residential Lawns

EPA Reg. No. 279-3353

EPA Est. No. _____

Active Ingredient:

By Wt.

Sulfentrazone 1.40%

Other Ingredients: 98.60%

100.00%

[U.S. Patent No. 4,818,275]

KEEP OUT OF REACH OF CHILDREN

CAUTION

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



FMC Corporation
2929 Walnut Street
Philadelphia, PA 19104

ACCEPTED

Aug 12, 2024

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 279-3353

Net Contents

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PEEL BACK BOOK HERE ▶

FIRST AID	
If swallowed	<ul style="list-style-type: none">• Call poison control center or doctor immediately for treatment advice.• 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.
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 1-(800)-331-3148 for emergency medical treatment information	

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

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Causes moderate eye irritation. Harmful if inhaled, swallowed, or absorbed through skin. Avoid breathing vapor or spray mist. Avoid contact with skin, eyes, and clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

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

Do not apply directly to or near water, storm drains, or drainage ditches. Do not apply when windy or when heavy rainfall is expected. Drift and runoff of sulfentrazone product may be hazardous to plants in adjacent areas.

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 in Residential Lawns.

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

Observe all cautions and limitations on this label. The use of F7220-2 not consistent with this label may result in plant injury. Keep container closed to avoid spills and contamination.

GENERAL INFORMATION

F7220-2 selectively controls tough weeds like purple and yellow nutsedge (nutgrass), Kyllinga, wild onion and garlic, goosegrass, broadleaf plantain, purslane, redroot pigweed, dandelion, spurge, and other listed annual, biennial, and broad leaf 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
Bermuda grass	
Buffalograss	St. Augustinegrass
Carpetgrass	Zovsiagrass

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

Centipedegrass

This unique formula kills weeds fast.

F7220-2 involves uptake by both weed roots and shoots. Complete kill should occur in 2-3 weeks.

F7220-2 also controls nutlets in the soil.

PRODUCT USAGE	
Kills	Sedges and Broadleaf Weeds: Purple and Yellow Nutsedge, Kyllinga, Plaintain, Clover, Spurge, Woodsorrel, Knotweed, Chickweed, Curly Dock, Wild Onion Wild Garlic, and other listed weeds
Use on	Well established turf grasses <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	For trigger or pump-up sprayer <u>Use Spot Weed Treatment:</u> Mix 2.5 fl oz (5 Tablespoons) in 1 gallon of water (2 teaspoons in 16 fl oz). Spray weeds directly until well covered [run-off]. <u>Large Area Treatment:</u> Mix 0.8 fl oz (1-1/2 Tbs.) in 1 gallon of water to cover 200 sq ft For Hose-End sprayers Use at the rate of 24 fl oz of F7220-2 to cover 6000 sq ft of lawn. Apply in sufficient water (i.e. 5 gallons per 1000 sq ft) to insure adequate coverage. See label for additional mixing instructions. For Hose-end Ready to Spray: Apply at the rate of 24 oz. F7220-2 RTS to cover 6,000 sq ft of lawn (1 quart F7220-2 RTS to cover 8,000 sq ft). See label for additional instructions.
When to Use	As weeds are small and actively growing. Wait 1 Use month after application before re-seeding.

Insert image showing weed affected & dying. Image includes following claims:

- F7220-2 (product) is adsorbed into the weed directly after application
- Weed is yellow and wilted in 1-2 days
- Weed is dead in 2-3 weeks

APPLICATION INSTRUCTIONS 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.
- Use only on well established non-stressed turfgrass. Temporary discoloration may occur or poor weed control may result. Allow turf to develop good root system before applying.
- If discoloration occurs, treated turf will recover with new growth and discolored leaf tissue will be removed with mowing. To reduce potential for discoloration, do not apply F7220-2 Concentrate or RTS on turf 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 turf growth.
- Avoid applying when windy to prevent product drifting to other plants
- Try to avoid overlap spraying.
- This product may be applied during both dormant and growing seasons.
- Do not apply to newly planted, plugged, or sodded turfgrass.
- 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.

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

- Do not use on turfgrasses other than those listed on the label.
- Do not use in green houses.

Do not graze or feed treated grass clippings.

MIXING INSTRUCTIONS / INSTRUCTIONS

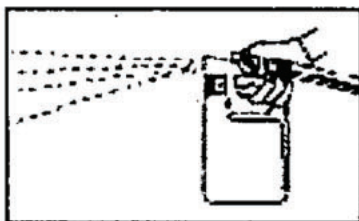
F7220-2 Concentrate can be applied using a hand trigger sprayer, pump-up sprayer or hose-end sprayer. F7220-2 Concentrate should be applied at a rate of 4 fl oz product per 1,000 sq ft. F7220-2 RTS should be applied at a rate of 4 fl oz product per 1,000 sq ft.

Hand trigger and Pump-up sprayer: Spot Weed Treatment-Mix 2.5 ounces (5 Tablespoons) of product per 1 gallon of water [2 teaspoons in 16 fl oz]. Spray weeds directly until well covered. Large Area Treatment: Mix 0.8 fl oz (1-1/2 Tbs.) in 1 gallon of water to cover 200 sq ft.

Hose-end sprayers: Use at the rate of 24 fl oz of F7220-2 to cover 6000 sq ft of lawn. Apply in sufficient water (i.e. 5 gallons per 1000 sq ft) to insure adequate coverage.

(Optional Hose-end Ready to Spray): Apply at the rate of 24 fl oz F7220-2 RTS to cover 6,000 sq ft of lawn (1 quart F7220-2 RTS to cover 8,000 sq ft).

1. Make sure knob control lever is in the OFF position. Shake well and attach hose.
2. Turn water on at faucet, aim nozzle toward lawn and turn control lever to ON to begin spraying. The product will automatically siphon and mix with water.
3. When finished turn control lever to OFF position. Turn faucet off. Discharge residual water pressure by turning control lever ON and OFF again.



OR

(Optional Hose-end Ready to Spray): Apply at the rate of 24 fl oz F7220-2 RTS to cover 6,000 sq ft of lawn (1 quart F7220-2 RTS to cover 8,000 sq ft)

1. Make sure knob control lever is in the OFF position. Shake well and attach hose.
2. Turn water on at faucet, aim nozzle toward lawn. Bend safety tab back and turn control lever to ON to begin spraying. The product will automatically siphon and mix with water.
3. When finished bend safety tab back and turn control lever to OFF position. Turn faucet off. Discharge residual water pressure by turning control lever ON and OFF again.

Note: Do not spray ornamentals, flowers, or vegetable beds other than those listed on the label under "Control of Weeds in Ornamentals" Section. For optimum control of some weeds, repeat application may be needed (see detailed instructions).

CONTROL OF SEDGES (INCLUDING NUTSEDGES) AND GRASSES

F7220-2 is effective against newly emerged and established sedges (see Table 1). Spray directly on emerged weeds to control or suppress sedges and some grasses. Good spray coverage is needed for optimum control.

Table 1. Grass and sedge weed species controlled or suppressed

Common Name	Scientific Name
Annual Bluegrass	<i>Poa annua</i>

Common Name	Scientific Name
Goosegrass*	<i>Eleusine indica</i>
Kyllinga, gree	<i>Kyllinga brevifolia</i>
Kyllinga, false green	<i>Kyllinga gracillima</i>
Nutsedge, purple*	<i>Cyperus rotundus</i>
Nutsedge, yellow	<i>Cyperus esculentus</i>
Sedge, globe	<i>Cyperus globulosus</i>
Sedge, cylindrical	<i>Cyperus retrorsus</i>
Sedge, Surinam	<i>Cyperus surinamensis</i>
Sedge, Texas	<i>Cyperus polystachyos</i>
*For optimal control of Purple Nutsedge and Goosegrass, repeat treatment every 3-4 weeks	

CONTROL OF ANNUAL, BIENNIAL & PERENNIAL BROADLEAF WEEDS

F7220-2 is effective against annual, biennial and perennial broadleaf 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 F7220-2

Common Name	Scientific Name
Bitter cress	<i>Cardamine spp.</i>
Black medic	<i>Medicago lupulina</i>
Buttercups	<i>Ranunculus spp.</i>
Carolina gernanium	<i>Geranium carolinianum</i>
Carpetweed	<i>Mollugo verticillata</i>
Chickweed, common	<i>Stellaria media</i>
Chickweed, mousear	<i>erastium vulgatum</i>
Cinquefoil	<i>Potentilla spp.</i>
Clover	<i>Trifolium spp.</i>
Cudweed	<i>Gnaphalium spp.</i>
Dandelion	<i>Taraxacum officinale</i>
Dock, Curly	<i>Rumex crispus</i>
Evening primrose	<i>Oenothera biennis</i>
Fiddleneck	<i>Amsinckia spp.</i>
Filaree	<i>Erodium spp.</i>
Goldenrod	<i>Solidago spp.</i>
Ground ivy	<i>Glechmea hederacea</i>
Henbit	<i>Lamium amplexicaule</i>
Knotweed, prostrate	<i>Polygonum aviculare</i>
Kochia	<i>Kockia scoparia</i>
Lambsquarters, common	<i>Chenopodium album</i>
Lawn burweed	<i>Soliva pterosperma</i>
Lespedeza, common	<i>Lespedeza striata</i>
Mallow, common	<i>Malva neglecta</i>
Parsley piert	<i>(Alchemilla arvensis</i>
Pennywort (Dollarweed)	<i>Hydrocotyle Spp.</i>
Pigweed, Redroot	<i>Amaranthus retroflexus</i>
Pigweed, Smooth	<i>Amaranthus hybridus</i>
Pigweed, Tumble	<i>Amaranthus albus</i>
Pineapple weed	<i>Matricaria matricarioides</i>
Plantain Broadleaf	<i>Plantago comanalata</i>
Plantain, buckhorn	<i>Plantago lanceolata</i>
Plantain Narrow leaf	<i>Plantago narowiforina</i>
Puncture weed	<i>Tribulus terrestris</i>
Purslane, common	<i>Portulaca oleracea</i>

Common Name	Scientific Name
Pusley, Florida	<i>Richardia scabra</i>
Redweed	<i>Melochia corchorifolia</i>
Rocket, London	<i>Sisymbrium irio</i>
Smartweed, Pennsylvania	<i>Polygonum pensylvanicum</i>
Sorrel, Red	<i>Rumex acetosella</i>
Speedwell	<i>Veronica spp.</i>
Spurge, (annuals)	<i>Euphorbia spp.</i>
Spurge, prostrate	<i>Euphorbia humistrata</i>
Spurge, spotted	<i>Euphorbia maculata</i>
Spurweed	<i>Solvia pterosperma</i>
Star of Bethlehem	<i>Ornithogalum umbellatum</i>
Velvetleaf	<i>Abutilon theophrasti</i>
Violet, wild	<i>Viola pratincola</i>
Wild garlic	<i>Allium vineale</i>
Wild onion	<i>Allium canadense</i>
Woodsorrel, creeping	<i>Oxalis comiculata</i>
Woodsorrel, yellow	<i>Oxalis stricta</i>

CONTROL OF WEEDS IN ORNAMENTALS

F7220-2 is effective in killing the weeds in established landscape plantings (see Table 3). Apply F7220-2 spray solution to the area where weeds occur. 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. F7220-2 CAN BE APPLIED TO THE FOLLOWING ORNAMENTALS:

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

STORAGE AND DISPOSAL

Pesticide Storage

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

Container Disposal

If partially filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

If empty: Non refillable container. Do not reuse or refill this container. Offer for recycling, if available, or dispose of in trash.

Conditions of Sale and Limitation of Warranty and Liability:

Notice: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions beyond the control of FMC or Seller. All such risks shall be assumed by Buyer and User, and, to the extent consistent with applicable law, Buyer and User agree to hold FMC and Seller harmless for any claims relating to such factors.

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the Directions for Use when used in accordance with the directions under normal conditions of use. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, FMC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER EXPRESS OR IMPLIED WARRANTIES WITH RESPECT TO THE SELECTION, PURCHASE, OR USE OF THIS PRODUCT. Any warranties, express or implied, having been made are inapplicable if this product has been used contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to (or beyond the control of) seller or FMC, and, to the extent consistent with applicable law, buyer assumes the risk of any such use.

To the extent consistent with applicable law, FMC or seller shall not be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF FMC AND SELLER FOR ANY AND ALL CLAIMS. LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF FMC OR SELLER, THE REPLACEMENT OF THE PRODUCT.

This Conditions of Sale and Limitation of Warranty and Liability may not be amended by any oral or written agreement.

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Optional Marketing Claims

- 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 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
- Treats 8000 sq ft (32 fl oz)
- Treats 6000 sq ft (24 fl oz)
- 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