

279-3353

01/27/2009

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505P)
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington, D.C. 20460

EPA Reg. Number:
 279-3353

Date of Issuance:
 27 JAN 2009

NOTICE OF PESTICIDE:
 Registration
 Reregistration
 (under FIFRA, as amended)

Term of Issuance: conditional

Name of Pesticide Product:
 F7220-2

Name and Address of Registrant (include ZIP Code):
 FMC Corporation
 1735 Market St.
 Philadelphia, PA 19103

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration review of your product when the Agency requires all registrants of similar products to submit data.
2. Conduct one-year studies for guidelines 830.6317 (storage stability) and 830.6320 (corrosion characteristics) and submit the results. It is recommended that the evaluation be made at 0, 3, 6, 9 and 12 month intervals.
3. Make the following label changes:
 - a. Under the "First Aid" section, delete the following sentence from the "Oral" statement: "Do not give any liquid to the person."
 - b. Based on the acute toxicity profile no dermal, ocular, or inhalation statements are required. However, you may choose to retain them on the label.
 - c. Under the "Precautionary Statements" in the "Hazards to Humans and Domestic Animals" section, revise the "fifth" sentence to read: "Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco."
 - d. Add the phrase: "EPA Registration No. 279-3353."
4. You must have the efficacy data in your files which support the marketing claims on this label.

Signature of Approving Official:

Joanne I. Miller
 Product Manager 23
 Herbicide Branch
 Registration Division (7505P)

Joanne I. Miller

Date:

27 JAN 2009

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EPA Reg. No. 279-3353

Submit one copy of the revised final printed label for the record. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

F7220-2

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

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

EPA Reg. No. 279-

EPA Est. 279-

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 panels for additional precautionary information

Net Contents



FMC Corporation
Agricultural Products Group
1735 Market Street
Philadelphia, PA 19103

ACCEPTED
with COMMENTS
In EPA Letter Dated:
27 JAN 2009

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

279-3353

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 turf grasses. Cool Season Grasses: Creeping Bentgrass, Fine & Tall Fescue, Perennial Ryegrass, Kentucky & Rough Bluegrass Warm Season Grasses: Bahiagrass, Bermudagrass, Buffalograss, Carpetgrass, Centipedegrass, Kikuyugrass, Seashore Paspalum, St. Augustinegrass, Zoysiagrass
Amount to Use	For trigger or pump-up sprayer: Spot Weed Treatment: 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]. Large Area Treatment: 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 month after application before re-seeding.

FIRST AID	
If swallowed	<ul style="list-style-type: none"> • Call poison control center or doctor immediately for treatment advice. • Do not give any liquid to the person. • 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.
If on skin or clothing	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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 inhaled	<ul style="list-style-type: none"> • 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
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 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. Remove contaminated clothing and wash before reuse. Keep children and pets out of the treated area until sprays have dried.

ENVIRONMENTAL HAZARDS

This product is toxic to marine/estuarine invertebrates. Do not apply directly to or near water, storm drains, or drainage ditches. Do not

apply when windy or when heavy rainfall is expected. Care should be used when spraying to avoid fish and reptile pets in/around ornamental ponds.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. 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 broadleaf weeds in a great variety of lawns, including:

Cool Season Grasses	
Creeping Bentgrass	Kentucky Bluegrass
Tall Fescue	Rough Bluegrass
Fine Fescue	Ryegrass (perennial)

Warm Season Grasses	
Bermudagrass	Buffalograss
St. Augustinegrass	Bahiagrass
Zoysiagrass	Kikuyugrass
Carpetgrass	Seashore Paspalum
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.

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.

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.

STORAGE AND DISPOSAL
<p>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.</p> <p>Container Disposal If partially filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.</p> <p>If empty: Non refillable container. Do not reuse or refill this container. Offer for recycling, if available, or dispose of in trash.</p>

MIXING INSTRUCTIONS / INSTRUCTIONS

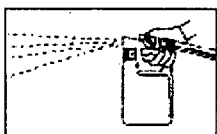
F7220-2 Concentrate can be applied using a hand trigger sprayer, pump-up sprayer or hose-end sprayer. F7220-2 Concentrate should be applied at a rate of 4 fl.oz. product per 1,000 sq.ft. F7220-2 RTS should be applied at a rate of 4 fl.oz. product per 1,000 sq.ft.

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 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 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

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

Grass and sedge weed species controlled or suppressed

Common Name	Scientific Name
Annual bluegrass	(<i>Poa annua</i>)
Goosegrass*	(<i>Eleusine indica</i>)
Kyllinga, green	(<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

Spray directly on newly emerged weeds to control or suppress a wide range of broadleaf weeds.

Broadleaf weeds controlled or suppressed by F7220-2

Broadleaves	Scientific Names
Bittercress	(<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, mouseear	(<i>Cerastium 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>Kochia 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 narrowiforma</i>)
Puncture weed	(<i>Tribulus terrestris</i>)
Purslane, common	(<i>Portulaca oleracea</i>)
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 corniculata</i>)
Woodsorrel, yellow	(<i>Oxalis stricta</i>)

CONTROL OF WEEDS IN ORNAMENTALS

F7220-2 is effective in killing the listed weeds in established landscape plantings. 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:

F 7220-2 CAN BE APPLIED TO THE FOLLOWING ORNAMENTALS:

Common Name	Scientific Name
Boxwood, Common Box, Bonsai	<i>Buxus sp</i>
Dwarf Yaupon Holly	<i>ILex vomitoria 'Nana'</i>
Creeping Juniper	<i>Juniperus horizontalis</i>
Roses	<i>Rosa sp</i>
Yews	<i>Taxus sp</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 sp</i>
Spirea (flowering bush)	<i>Spirea Sp</i>

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 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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