

PM 23 5:11 421

12/15

DEC 10 1993

Mr. Roy G. Danhaus  
Monsanto Company  
700 14th Street, N.W., #1100  
Washington, D.C. 20005

Dear Mr. Danhaus:

Subject: Dimension® Turf Herbicide  
EPA Registration No. 524-431  
Letter Dated November 19, 1993, Request for  
Reconsideration of Required Label Language

The proposed amendment to the registration of the subject pesticide product have been reviewed and found to be acceptable for registration under the Federal Insecticide, Fungicide and Rodenticide Act as amended provided that you:

- o Submit five (5) printed copies of the final printed label before releasing the product for shipment.

If this condition is not complied with, the registration will be subject to cancellation in accordance with FIFRA, Section 6(e). Your release for shipment of the product constitutes acceptance of this condition.

A stamped copy of the label is enclosed for your records.

Sincerely yours,

Joanne I. Miller  
Product Manager (23)  
Fungicide-Herbicide Branch  
Registration Division (7505C)

Enclosure

EWilson:Diskette dithiopyr: 12-09-93

**BEST AVAILABLE COPY**

2015

**DIMENSION® TURF HERBICIDE**  
by Monsanto

Dimension® is a selective herbicide that provides control of listed annual grasses and broadleaf weeds in established lawns and ornamental turfs, including golf course fairways, roughs, tee boxes, and putting greens. Not for use on turf being grown for sale or other commercial use as sod, or for commercial production, or for research purposes.

ACCEPTED  
In EPA Letter Dated

**COMPLETE DIRECTIONS FOR USE PAMPHLET**

DEC 10 1993

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

524-431

**ACTIVE INGREDIENT:**

\*Dithiopyr, 3,5-pyridinedicarbothioic acid, 2-(difluoromethyl)-4-(2-methylpropyl)-6-(trifluoromethyl)-S,S-dimethylester.....12.7%

INERT INGREDIENTS:.....87.3%  
100.0%

Contains petroleum distillates.

\*Contains 120 grams per litre or 1 pound per U.S. gallon of the active ingredient.

Product protected by U.S. Patent No. 4,692,184. Other patents pending.

\*Dimension is a registered trademark of Monsanto Company.

EPA Reg. No. 524-431

1993-2

A-853.12-000.38/53

Read the entire label before using this product.

Use only according to label instructions.

Read "LIMIT OF WARRANTY AND LIABILITY" before buying or using. If terms are not acceptable, return at once unopened.

REFORMULATION OR REPACKAGING IS PROHIBITED.

**LIMIT OF WARRANTY AND LIABILITY**

This Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes set forth in the Complete Directions for Use label pamphlet ("Directions") when used in accordance with those Directions under the conditions described herein. NO OTHER EXPRESS WARRANTY OR IMPLIED WARRANTY OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY IS MADE. This warranty is also subject to the conditions and limitations stated herein.

November 17, 1990

**BEST AVAILABLE COPY**

2015

Buyer and all users shall promptly notify this Company of any claims whether based in contract, negligence, strict liability, other tort or otherwise. Notice of these claims may be made by calling 314-694-4000.

Buyer and all users are responsible for all loss or damage from use or handling which results from conditions beyond the control of this Company, including, but not limited to, incompatibility with products other than those set forth in the Directions, application to or contact with desirable vegetation, unusual weather, weather conditions which are outside the range considered normal at the application site and for the time period when the product is applied, application in any manner not explicitly set forth in the Directions, or the presence of products other than those set forth in the Directions in or on the soil, crop or treated vegetation.

THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE LIMIT OF THE LIABILITY OF THIS COMPANY OR ANY OTHER SELLER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT (INCLUDING CLAIMS BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY, OTHER TORT OR OTHERWISE) SHALL BE THE PURCHASE PRICE PAID BY THE USER OR BUYER FOR THE QUANTITY OF THIS PRODUCT INVOLVED, OR, AT THE ELECTION OF THIS COMPANY OR ANY OTHER SELLER, THE REPLACEMENT OF SUCH QUANTITY, OR, IF NOT ACQUIRED BY PURCHASE, REPLACEMENT OF SUCH QUANTITY. IN NO EVENT SHALL THIS COMPANY OR ANY OTHER SELLER BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES.

Buyer and all users are deemed to have accepted the terms of this LIMIT OF WARRANTY AND LIABILITY which may not be varied by any verbal or written agreement.

---

PRECAUTIONARY STATEMENTS

---

Hazards to Humans and Domestic Animals

---

Keep out of reach of children.

WARNING!

- CAUSES SUBSTANTIAL BUT TEMPORARY EYE INJURY.
- CAUSES SKIN IRRITATION.
- HARMFUL IF SWALLOWED.
- MAY CAUSE RESPIRATORY TRACT IRRITATION.
- MAY CAUSE ALLERGIC SKIN REACTION.

Do not get in eyes, on skin, or on clothing.

Avoid breathing vapors or spray mist.

Wash thoroughly with soap and water after handling.

40415

**FIRST AID: IF IN EYES,** immediately flush with plenty of water for at least 15 minutes. Get medical attention.

**IF ON SKIN,** immediately flush with plenty of water while removing contaminated clothing. As soon as soap is available, wash skin thoroughly with soap and water. Wash clothing before reuse. Sensitized persons should avoid further contact and reuse of contaminated clothing. Get medical attention.

**IF SWALLOWED, DO NOT** induce vomiting. Give large quantities of water. Get medical attention. **NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.**

**IF INHALED,** remove individual to fresh air. Seek medical attention if breathing difficulty develops.

---

In case of an emergency involving this product, Call Collect, day or night, (314) 694-4000.

---

### Environmental Hazards

---

This product is toxic to fish and highly toxic to other aquatic organisms including oysters and shrimp. Use with care when applying to turf areas adjacent to any body of water. Drift and runoff from treated turf may adversely affect aquatic organisms in adjacent aquatic sites. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water when disposing of equipment washwaters.

---

### DIRECTIONS FOR USE

---

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

This product is not recommended for application by homeowners.

**USE PRECAUTIONS:** During mixing and loading wear chemical-resistant gloves. Wash nondisposable gloves thoroughly with soap and water before removing.

---

### Storage and Disposal

---

Do not contaminate water, foodstuffs, feed or seed by storage or disposal.

**STORAGE:**

Store this product only in its original container in a dry, cool, secured storage area. Store this product above 32°F to avoid crystallization. If crystals form or product freezes, move product to area with ambient temperature above 32°F and shake well until crystals have dissolved.

**PRODUCT DISPOSAL:**

Wastes resulting from the use of this product that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticide disposal or in accordance with applicable Federal, state or local procedures.

**EMPTY CONTAINER DISPOSAL:**

Do not reuse emptied container. Observe all label safeguards until container is triple rinsed. Emptied container retains vapor and product residue. Triple rinse container, then puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**SPILL:**

In case of spill, observe all protective and safety precautions when cleaning up spills. Dispose of material according to "product disposal" directions listed above.

---

**GENERAL INFORMATION**

This product is a selective herbicide that provides control of crabgrass and other annual grasses and broadleaf weeds in established lawns and ornamental turfs, including golf course fairways, roughs, tee boxes, and putting greens. This product will not harm nearby established ornamentals when used according to label directions.

**USE PRECAUTIONS**

**Turfgrass Safety**

This product may be used on seeded, sodded, or sprigged lawns and ornamental turfs that are well-established. The grass must have developed a good root system and a uniform stand, and have received at least two mowings following its seeding, sodding, or sprigging before it can receive its first application of this product. Use of this product on lawns and ornamental turfs that are not well-established, or on those that have been weakened by weather-, pest-, disease-, chemical-, or mechanical-related stress, may increase the chances for turf injury.

This product should only be applied to lawns and ornamental turfs that are composed of the following turfgrass species that have been determined to be tolerant to applications of this product.

60712

When applied as directed under the conditions described, the following established turfgrasses are tolerant to this product (see the "Golf Course Putting Greens" precautions section for additional turfgrass safety information):

Cool-Season Grasses

**Bentgrass, creeping\***  
*Agrostis palustris*  
**Bluegrass, Kentucky**  
*Poa pratensis*  
**Fescue, fine\*\***  
*Festuca rubra*  
**Fescue, tall**  
*Festuca arundinacea*  
**Ryegrass, perennial**  
*Lolium perenne*

Warm-Season Grasses

**Bahiagrass**  
*Paspalum notatum*  
**Bermudagrass\*\*\***  
*Cynodon dactylon*  
**Buffalograss\*\*\*\***  
*Buchloe dactyloides*  
**Carpetgrass**  
*Axonopus affinis*  
**Centipedegrass**  
*Eremochloa ophiuroides*  
**Kikuyugrass**  
*Pennisetum clandestinum*  
**St. Augustinegrass**  
*Stenotaphrum secundatum*  
**Zoysiagrass**  
*Zoysia japonica*

\*Use of this product on certain varieties of creeping bentgrass, such as 'Cohansey', 'Carmen', 'Seaside', and 'Washington' may result in undesirable turfgrass injury. Not all varieties of creeping bentgrass have been tested.

DO NOT apply this product to Colonial bentgrass (*Agrostis tenuis*) varieties.

\*\*Use of this product on certain varieties of fine fescue may result in undesirable turf injury. The following fine fescue varieties have been found to be sensitive to this product: 'Atlanta', 'Banner', 'Beauty', 'Bilgart', 'CF-2', 'Enjoy', 'HF-93', 'Highlight', 'Ivalo', 'Jamestown', 'Koket', 'Majenta', 'Mary', 'Pennlawn', 'Tamara', 'Tatjana', 'Waldorf', and 'Waldina'. Not all varieties of fine fescue have been tested.

\*\*\*Use of this product on 'Tifgreen' (328) hybrid bermudagrass greens may result in undesirable turfgrass injury.

\*\*\*\*DO NOT use this product on seedling buffalograss in the spring of the first year of establishment until the turfgrass is fully green and has established new roots.

**Reseeding, Overseeding, or Sprigging**

Reseeding, overseeding, or sprigging of treated areas within 3 months after a single application of this product, or 4 months after a split application program totaling more than 1.5 fl oz/1000 sq ft (2 qts/a), may inhibit the establishment of desirable turfgrasses. When reseeding or overseeding, proper cultural practices such as soil cultivation, irrigation and fertilization

November 17, 1990

770415  
should be followed. For best results, use mechanical or power seeding equipment (slit seeders) designed to give good seed to soil contact.

### **Golf Course Putting Greens**

Putting greens should be well-drained and managed to promote the development of deep rooting systems. The use of this product on greens without good root development may result in undesirable turfgrass injury.

Application of this product to overseeded greens should be made four weeks or less before the transition period from overseeded turfgrass back to established turfgrass.

Avoid application of this product to golf course putting greens that are under stress. High temperatures may cause stress to greens increasing the risk of turfgrass injury.

Undesirable thinning, yellowing, and rapid decline of established *Poa annua* may occur under stress conditions. DO NOT use this product on greens with *Poa annua* cover, where summer heat or other stresses to *Poa annua* can occur and loss of some or all of that cover is unacceptable. Use this product where the goal is to control or eliminate the *Poa annua*, or where potential loss of some or all of the *Poa annua* cover can be tolerated.

DO NOT apply this product to Colonial bentgrass greens. Use of this product on 'Tifgreen' (328) hybrid bermudagrass greens may result in undesirable turfgrass injury.

For additional margins of turfgrass safety on greens and where consistent with local use guides, consider the use of split applications (made at rates equal to one-half of the Program 3 single application use rate recommended for your region in Table 1 below) spaced 6-8 weeks apart.

DO NOT tank-mix this product with other products (other than marking dyes or foams) for application to greens. Use of this product in combination programs with turf plant growth regulator compounds may result in undesirable turfgrass injury.

DO NOT apply this product in the fall before covering greens for winter protection.

Properly calibrate application equipment prior to usage, and DO NOT apply this product through equipment that uses cluster spray nozzles (due to variability in application use rates and spray patterns).

### **Other Use Precautions**

Early postemergence applications of this product alone are only effective on crabgrass if applied before crabgrass has displayed its fifth leaf or first tiller.

For best results, cultural practices that disturb the soil, such as core-, spike-, or hydro-aerification, and verticutting, should be done before application of this product. DO NOT apply this product until the grass has recovered from these cultural practices.

Apply this product directly to established lawns or ornamental turfs only. DO NOT apply to flowers, vegetables, shrubs or trees.

DO NOT use clippings from treated turf for mulching around vegetables or fruit trees.

DO NOT apply this product to pastures.

Keep people and pets off treated areas until spray has dried.

### APPLICATION DIRECTIONS

#### Control of Crabgrass

##### Preemergence and Early Postemergence Control.

- This product provides "preemergence" control of crabgrass (including the large, smooth, and southern species) when applied prior to the emergence of crabgrass from the ground in established lawns and ornamental turfs.
- It can also provide "early postemergence" control of crabgrass during the early stages of crabgrass growth after the crabgrass has emerged from the ground. However, it is often difficult to see the very small, early stages of crabgrass in well-established lawns and ornamental turfs. Early post-emergence crabgrass control will be obtained only when this product is applied prior to the tillering of crabgrass, which generally corresponds to the time when you can first easily see the crabgrass plants in the lawn or turf. So the practical benefit of this product's additional, early postemergence activity is that (compared to strictly preemergence crabgrass products) it can give the user a 2-8 week longer period of time (depending on climatic conditions and crabgrass growth rates) to make applications and still control crabgrass.

##### Application Frequency and Timing.

- This product may be applied as a single application, as a split application, or as a sequential application for crabgrass control in the spring, summer, or fall.
- DO NOT apply more than 1.5 fl oz/1000 sq ft (2 qts/a) per application, and no more than 4.5 fl oz/1000 sq ft (6 qts/a) per year.

November 17, 1960

Spring Applications.

- For single applications made in the spring or early summer, this product should be applied at the appropriate rate corresponding to one of the three control programs listed in Table 1 below, depending on the user's location, the mowing height of the turfgrass, and whether the use is considered to be preemergence or early postemergence at the time of the application. The duration of residual weed control provided by this product is directly related to the total rate applied, but will vary somewhat depending on weather, weed pressure, turfgrass competitiveness, and the user's location within a region.
- Use Program 1 for preemergence control at sites where turfgrass is cut relatively high (e.g., homeowner lawns). This program provides 3-5 months of preemergence crabgrass control. This program will also provide early postemergence control of crabgrass up to the 3-leaf stage at sites where turfgrass is cut relatively high (e.g., homeowner lawns).
- Use Program 2 for preemergence control at sites where (a) turfgrass is cut relatively low (e.g., golf fairways), and (b) turfgrass maintenance or weed control has been conducted during the previous year. This program provides 4-6 months of preemergence crabgrass control. This program may also be used for early postemergence control up to crabgrass tillering at sites where turfgrass is cut relatively high (e.g., homeowner lawns).
- Use Program 3 for preemergence control at sites where (a) turfgrass is cut relatively low (e.g., golf fairways) and (b) turf maintenance or weed control has not been conducted during the previous year. This program provides 4-6 months of preemergence crabgrass control. This program may also be used for early postemergence control up to crabgrass tillering at sites where turfgrass is cut relatively low (e.g., golf fairways).
- Subsequent, sequential pre- and/or postemergence applications should be made where longer periods of control are desired.
- Split applications may also be made, with the rates in Table 1 being split across two applications made 5-10 weeks apart. Such applications may provide improved weed control.

**BEST AVAILABLE COPY**

100#15

**Table 1: Recommended Single Application Use Rates\***  
(fl oz/1000 sq ft, qts/a)

	PROGRAM 1	PROGRAM 2	PROGRAM 3
<b>USES</b>	Preemergence (high cut turf) & Early Postemergence up to 3-leaf (high cut turf)	Preemergence (low cut turf) & Early Postemergence up to 1 tiller (high cut turf)	Preemergence (low cut turf) & Early Postemergence up to 1 tiller (low cut turf)
<b>REGION</b>			
North	0.750 1.0	1.125 1.5	1.500 2.0
Transition	1.125 1.5	1.500 2.0	1.875** 2.5**
South	1.500 2.0	1.875** 2.5**	2.250** 3.0**
Coastal South	1.875** 2.5**	2.250** 3.0**	2.625** 3.5**
West	0.750-1.125 1.0 -1.5	1.125-1.500 1.5 -2.0	1.125-1.875** 1.5 -2.5**

\*DO NOT apply more than 1.5 fl oz/1000 sq ft (2 qts/a) per application, and no more than 4.5 fl oz/1000 sq ft (6 qts/a) per year. The addition of a nonionic surfactant at 0.5 percent by volume or 2 qts per 100 gals of spray solution may improve early postemergence control. Always read and follow the surfactant manufacturer's label recommendations. Regions include areas listed below.

- North: all other areas.
- Transition: DE, KS, KY, MD, MO, NJ, VA, southeastern PA, southern areas of IL, IN, OH, & coastal areas of CT, NY, & RI.
- South: AL, AR, GA, LA, MS, NC, NM, OK, SC, TN, & TX.
- Coastal South: HI, FL, & southern coastal areas of AL, GA, LA, MS, NC, SC, & TX.
- West: AZ, CA, & NV. In this climatically diverse region, use the higher rates in local areas with longer crabgrass seasons.

\*\*Preemergence applications must be applied as a split application when the rate is greater than 1.5 fl oz/1000 sq ft (2 qts/a). Early postemergence applications are limited to 1.5 fl oz/1000 sq ft (2 qts/a) per application.

Fall Applications.

- This product can also be applied in the late summer or early fall (late August through November) at the "Program 3" use rates listed in Table 1 to provide control of crabgrass through the early part of the next spring.

- The fall application should be followed by an appropriate spring application to provide season-long control.

**Control of Other Grass and Broadleaf Weeds**

**Spring Applications.** Used as directed for crabgrass control in the spring, this product will also control (at the "Program 3" rates) or suppress (at the "Program 2" rates) the following weeds when applied prior to their emergence:

- |                               |  |
|-------------------------------|--|
| barnyardgrass                 | smutgrass  |
| bluegrass (annual)            | lespedeza (common)                               |
| crowfootgrass                 | oxalis (buttercup, creeping & yellow woodsorrel) |
| foxtail (yellow & green)*     |  |
| goosegrass                    | purslane (common)                                |
| kikuyugrass                   | speedwell (corn)                                 |
| ryegrass (annual & perennial) | spurge (prostrate & spotted)                     |

\*Also controlled at the Program 2 rates.

**Fall Applications.** Used as directed for late summer or early fall use, for crabgrass control through the early part of the next spring, this product will also control (at the "Program 3" rates) or suppress (at the "Program 2" rates) the following weeds when applied prior to their emergence:

- |                    |                     |
|--------------------|---------------------|
| bluegrass (annual) | geranium (Carolina) |
| bittercress        | parsley-piert       |
| chickweed          | pineappleweed       |
| henbit             | shepherdspurge      |

Always consult local use guides for proper application timing, as seasonal definitions will differ somewhat by region.

**Tank Mixtures**

READ THE LABEL OF EACH TANK MIXTURE PRODUCT USED AND FOLLOW THE PRECAUTIONARY STATEMENTS, DIRECTIONS FOR USE, AND OTHER RESTRICTIONS. DO NOT TANK-MIX THIS PRODUCT WITH OTHER PRODUCTS (EXCEPT MARKER DYES AND FOAMS) FOR APPLICATION TO GOLF GREENS.

This product may be tank-mixed with fluid fertilizers and/or other pesticides. When applied according to label directions, a tank mixture of this product and an EPA-registered pesticide will provide control of susceptible pests listed on the respective labels for the two products. A compatibility test (see the "Compatibility Test" section below) is suggested before tank-mixing this product with fluid fertilizers and/or other pesticides.

**Tank Mixtures for Postemergence Control of Crabgrass**

Application of this product alone will only provide early post-emergence control of crabgrass when treated prior to reaching the tillering stage of growth. For postemergence control of tillered crabgrass up to 3 tillers, this product should be

10/15

applied in combination with either MSMA or Acclaim™. Refer to Table 2 for postemergence use rates with these tank mixtures.

**Table 2: Recommended Use Rates in Tank Mixtures for Postemergence Control of Crabgrass\***

MIXTURE	DIMENSION + MSMA fl oz/ 1000 sq ft, qts/a	DIMENSION + ACCLAIM fl oz/ 1000 sq ft, qts/a
North	0.750-1.125 + 0.5-1.0 1.0 -1.5	0.750-1.125 + 0.15-0.35 1.0 -1.5
Transition	0.750-1.125 + 1.0-1.5 1.0 -1.5	0.750-1.125 + 0.15-0.35 1.0 -1.5
South	1.125-1.500 + 1.0-2.0 1.5 -2.0	1.125-1.500 + 0.28-0.35 1.5 -2.0
Coastal South	1.125-1.500 + 1.5-2.0 1.5 -2.0	1.125-1.500 + 0.28-0.35 1.5 -2.0
West	0.750-1.500 + 1.0-2.0 1.0 -2.0	0.750-1.500 + 0.28-0.35 1.0 -2.0

\*Region definitions are the same as those listed in Table 1.

™Acclaim is a registered trademark of Hoechst-Roussel Agri-Vet Company.

Observe all limitations, precautionary statements, and use restrictions on labels for MSMA or Acclaim before using these tank mixtures. Refer to specific turfgrass species for safety information for these products. The addition of a nonionic surfactant at 0.5 percent by volume or 2 qts per 100 gals of spray solution may improve control. Always read and follow the surfactant manufacturer's label recommendations.

Compatibility Test

Before mixing this product with fluid fertilizers and/or other pesticides, it is advisable to test compatibility by mixing all the components in a small jar in proportionate quantities.

**Table 3: Compatibility Test Mixing Instructions**

Amount of Pesticide  
Added to Spray Carrier  
(assuming volume is 25 GPA)

Pesticide Formulation	IF: Rate Per Acre	ADD: Level Teaspoons per Pint Jar of Carrier Solution
Dry	1 lb	1-1/2
Liquid	1 qt	1

This compatibility test is designed for 25 gallons of spray solution per acre. The table above gives general guidelines for use rate ratios of pesticides to be tank-mixed with this product. Determine the amount of pesticide to tank-mix by referring to the pesticide label(s). Then, calculate the amount of pesticide to add to jar based on use rate ratios in table. For a use rate of 1 pound per acre of dry pesticide add 1-1/2 teaspoons to the jar, and for a use rate of 1 quart per acre of liquid pesticide, add 1 teaspoon to the jar. This product should be added based on use rate ratios for liquid pesticides (for use rate of 1 quart per acre add 1 teaspoon to the jar). For changes in spray volume or herbicide rate, make appropriate changes in the ingredients for the test. Shake well after mixing.

If pesticide(s) does not form crystals, flakes, sludge, gels, oily films or layers, then the tested components are compatible. Incompatibility in any of the above described forms will usually occur within 5 minutes after mixing.

If components are incompatible, the use of a compatibility agent is recommended. Repeat the above compatibility test with a suitable compatibility agent (one-half teaspoon per pint jar is equivalent to 2 pints per 100 gallons of spray solution).

**MIXING INSTRUCTIONS**

Dimension Alone with Water as the Carrier:

Fill the spray tank to about three-fourths of the desired volume with water. Add the recommended amount of this product to the tank. Complete the filling process while maintaining agitation. Remove the hose from the mixing tank immediately after filling to avoid siphoning back into the water source.

Dimension Alone with Fluid Fertilizer as the Carrier:

First, determine the compatibility of this product with the desired fluid fertilizer by mixing small proportional quantities in advance. See the "Compatibility Test" section of this label. Then follow the mixing procedure listed below for tank mixtures.

Tank Mixtures:

First, determine the compatibility of this product and the desired tank mixture partner product(s) in the appropriate carrier (water or fluid fertilizer) by mixing small proportional quantities in advance. See the "Compatibility Test" section of this label. Then adhere to the following mixing procedure:

1. Place a 20 to 35 mesh screen or wetting basket over the filling port.
2. Fill the sprayer half full with the appropriate carrier. Start agitation and continue agitation through mixing and spraying operations.

14/15

3. Add a compatibility agent if needed. Read and follow all of the information found on the product label for the selected compatibility agent. Check for adequate agitation.
4. If a wettable powder or dry flowable pesticide formulation is used, make a slurry with the water, and add it SLOWLY to the tank.
5. If a flowable pesticide formulation is used, premix with one part water, and add SLOWLY to tank.
6. Add this product or emulsifiable concentrate pesticide formulations to the tank.
7. Add water soluble liquid pesticide formulations followed by surfactants, marker dyes or foams, or drift control additives while continuing the filling process.
8. Remove the hose from the mixing tank immediately after filling to avoid siphoning back into the carrier source.
9. Maintain good agitation at all times until the contents of the tank are sprayed. If the spray mixture is allowed to settle, agitate thoroughly to resuspend the mixture before resuming spraying.

**APPLICATION EQUIPMENT AND INSTRUCTIONS**

Apply this product through conventional liquid application equipment in a sufficient amount of water or fluid fertilizer solution to provide a uniform spray distribution. DO NOT apply this product through liquid application equipment that uses cluster spray nozzles due to variability in application use rates and spray patterns. Calibrate application equipment prior to usage. Avoid streaking, skips, or overlaps during application. The use of marker dyes or foams aids more accurate applications. DO NOT apply this product through any type of irrigation system.

Dimension Turf Herbicide contains a naptha solvent. Under unusual circumstances, this solvent may weaken rubber or plastic components of mixing/spraying equipment (e.g., hoses). To reduce the potential for such damage (1) review and heed the equipment manufacturer's instructions for compatibility with naptha solvents, (2) use typical dilutions (e.g., 1 gal of Dimension in at least 50 gal of total spray solution), and (3) store spray solution in equipment for no more than three days if at all possible.

---

©MONSANTO COMPANY 1993

---

In case of an emergency involving this product, Call Collect, day or night, (314)694-4000.

---

15 15

MONSANTO COMPANY  
AGRICULTURAL PRODUCTS  
ST. LOUIS, MISSOURI 63167 U. S. A.

15 15

November 17, 1980