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Real-Kill® Broadleaf Weed Killer

EPA Reg. No. 478-121

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- 4) Attach sprayer to hose. Extend hose to the farthest area of lawn to be treated and work back toward faucet so that you do not walk over treated areas. Apply evenly to lawn.

EXAMPLE: To treat 1,000 sq. ft. of Fescue put in concentrate to the 4 fl. oz. mark and add water to the 4 gallon mark. Check the directions you received when you purchased your sprayer for further details on the proper use of your sprayer.

OUNCES OF CONCENTRATE TO USE ON THESE GRASS TYPE:				
Sq Ft to be Treated	St. Augustine*, Bahia, Centipede	Bermuda, Bentgrass	Bluegrass, Fescue, Rye, Zoysia	Gallons of Water
250	1/2	2/3	1	1
1,000	2	2 2/3	4	4
5,000	10	13 1/3	20	20
8,000	16	21 1/3	32	32

*DO NOT USE ON FLORATAM GRASS IN FLORIDA.

READY SPRAY NOZZLE (Optional Directions)

- 1) Shake container well before using.
- 2) Connect a garden hose to the ready spray nozzle. Make sure the yellow water control dial on the nozzle is in the "OFF" position.
- 3) Turn on water at faucet. Extend hose to the farthest area of lawn to be treated and work back toward faucet so that you do not walk over treated areas. Push in the small white concentrate control button to the "OPEN" position.
- 4) To BEGIN spraying, point nozzle toward lawn and turn the yellow water control dial to the "ON" position. Water will automatically mix with the concentrate. Walk at a steady pace while spraying using an even sweeping motion, slightly overlapping treated areas. One quart will treat an area up to 16,000 sq. ft.
- 5) To STOP spraying turn yellow water control dial to the "OFF" position. Push in small white concentrate control button back to "CLOSED" position. Turn off water at faucet. To relieve pressure, turn yellow water control dial to "ON" position until water stops spraying before removing nozzle from hose.
- 6) TO STORE unused concentrate, place in cool area away from heat, direct sunlight or open flame.

USE TIPS

- 1) For best results, mow before treating weeds.
- 2) Do not treat when air temperatures exceed 85°F or damage to grass may occur.
- 3) Do not water within 24 hours after treatment. Poor weed control may result if spray is applied just before rain.
- 4) For new lawns, treat within 24 hours after seeding. On established lawns, wait 3 weeks after treatment before re-seeding established lawns. Once new grass has started to grow, wait until it has reached a height of 2 inches before treating.
- 5) Do not allow spray to get on vegetables or ornamental plants since injury may result. Do not spray around roots of trees and ornamentals. Clover will be damaged if sprayed.
- 6) Whether using a hose-end sprayer or pressure sprayer, avoid sprays which are too fine because they can drift and damage other plants.
- 7) If certain tough weeds are not dead within 3 weeks, repeat treatment. Broadcast application is not necessary; follow spot treatment directions.

People and pets should not be allowed in treated areas until spray has dried.

STORAGE AND DISPOSAL

Store in a cool, dry area away from heat or open flame. Do not reuse container. Rinse thoroughly before discarding in trash. Securely wrap and discard container in trash.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Harmful if swallowed or absorbed through skin. Avoid breathing vapor and spray mist. Avoid contact with skin, eyes and clothing. When using this product, wear long-sleeved shirt, long pants, socks, shoes and rubber gloves. Wear goggles when applying this product. After using this product, rinse gloves before removing, remove clothing and launder separately before reuse, and promptly and thoroughly wash hands and exposed skin with soap and water. Remove saturated clothing as soon as possible and shower. Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment areas until spray has dried. The maximum number of broadcast applications per treatment site is 2 per year.

Statement of Practical Treatment

If Swallowed: Call a physician or Poison Control Center immediately. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with

finger. Repeat until vomit fluid is clear. Never induce vomiting or give anything by mouth to an unconscious person. If on Skin: Wash contaminated clothing and wash affected areas with plenty of soap and water. Get medical attention if irritation persists. If in Eyes: Flush eyes with plenty of water. Call a physician if irritation persists. If Inhaled: Remove victim to fresh air. Apply artificial respiration if indicated.

Environmental Hazards

Do not apply under conditions involving possible spray contact or drift onto food, forage, vegetables, ornamental plants or other desirable plantings that might be damaged or the crops rendered unfit for sale, use or consumption. This product is toxic to fish and aquatic invertebrates. Drift or runoff may adversely affect fish, aquatic invertebrates and nontarget plants. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.

Questions or comments? Call 800-332-5553.

Manufactured in the USA for Realex, Division of United Industries Corporation, P.O. Box 15842, St. Louis, MO 63114-0842

EPA Reg. No. 478-121

EPA Est. No. 9688-MO-1

Form: A6/M&R © 1994

Fluometuron (1,1-dimethyl-3-(alpha, alpha, alpha, -trifluoro-m-tolyl) urea)	80.00%
INERT INGREDIENTS:	20.00%
TOTAL:	100.00%

KEEP OUT OF REACH OF CHILDREN

WARNING AVISO

Si usted no entiende la etiqueta, busque a algulen para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

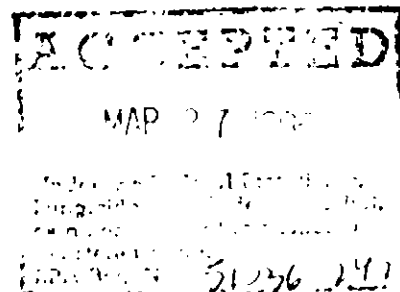
STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Immediately flush with large amounts of water. Get medical attention if irritation persists.
 IF ON SKIN: Wash affected skin areas thoroughly with soap and water. Get medical attention if irritation persists.
 IF SWALLOWED: Drink water and induce vomiting by placing fingers at back of throat. Call a physician, hospital, or Poison Control Center immediately.
 IF INHALED: Move subject to fresh air. Get medical attention.
 NOTE TO PHYSICIAN: If the patient has ingested fluometuron, induce emesis or lavage stomach. Administer a saline laxative and supportive treatment.

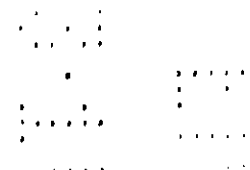
SEE ADDITIONAL PRECAUTIONARY STATEMENTS ELSEWHERE ON LABEL

EPA Reg. No. 51036-~~app~~ *EUG*

EPA Est. No. 9779-AR-13



Manufactured By:
 MICRO FLO COMPANY
 P.O. BOX 5948
 LAKE LAND, FL 33807



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PRECAUTIONARY STATEMENTS

WARNING

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Causes eye irritation. Do not get in eyes, or on skin. Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing vapors or spray mist.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear long-sleeved shirt and long pants, waterproof gloves, shoes plus socks and protective eyewear.

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

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40CFR 170.240 (d)(4-6), the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

) Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

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 contaminate water when disposing of equipment washwaters.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product through any type of irrigation system.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

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

Do not enter or allow entry into treated areas during the restricted entry interval (REI) of 24 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

Coveralls
Waterproof gloves
Shoes plus socks
Protective eyewear

STORAGE AND DISPOSAL

DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL

STORAGE: Store in a dry location away from children, animals, foods, feeds, seeds, or other agricultural chemicals. Handle in accordance with information given under Precautionary Statements. In the event of spillage or leakage, scrape up spillage. If spillage is not suitable for use, dispose of in accordance with information given under DISPOSAL. Repackage and relabel useable product in a sound container. In case of fire or other emergency, report at once by toll free telephone to 800-424-9300.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or if allowed by state or local authorities, by burning. If burned, stay out of smoke.

GENERAL INFORMATION

FLO-MET 80 DF is effective for annual grass and annual broadleaf weed control in cotton. FLO-MET 80 DF applied according to label directions will control the following annual weeds:

ANNUAL BROADLEAF WEEDS

Spurred anoda	Prickly sida (teaweed)
Cocklebur	Purslane
Florida pusley	Pigweed
Groundcherry (Wright)	Sesbania

Jimsonweed
Lambsquarters
Morningglory
Pigweed

Sicklepod
Smartweed
Tumbleweed

ANNUAL GRASS WEEDS

Barnyardgrass
Crabgrass
Crowfootgrass
Fall panicum

Foxtail
Goosegrass
Ryegrass
Signalgrass (Brachiaria)

Established perennial weeds such as Johnsongrass from rhizomes is not controlled.

APPLICATION PROCEDURES

BAND TREATMENT: For band applications, the following formula may be used to calculate the amount of FLO-MET 80 DF required:

$$\frac{\text{band width (inches)}}{\text{row width (inches)}} \times \text{broadcast rate per acre} = \text{amount needed per acre}$$

EQUIPMENT:

Thoroughly clean sprayer prior to use. Do not use a sprayer contaminated with 2,4-D or other materials as crop damage or sprayer clogging may result.

Use properly calibrated conventional spray equipment that will apply spray uniformly and has hydraulic or mechanical agitation, except in California or Arizona where only mechanical agitators are recommended. Screens in nozzles, in suction, and in-line strainers should be no finer than 50-mesh. Use a pump with capacity to maintain 35-40 psi at the nozzles. If hydraulic agitation is used, the pump should also provide sufficient agitation in the tank to keep the mixture in suspension. Avoid leaving spray mixture in tank without constant agitation. If bypass agitation is used, it should terminate at the bottom of the tank to minimize foaming. Wash sprayer thoroughly with clean water immediately after use. Apply in a minimum of 10 gallons per acre for preplant incorporated or pre-emergence applications, or apply in a minimum of 20 gallons per acre for postemergence application.

MIXING INSTRUCTIONS:

Fill spray tank 1/2 full with water or nitrogen solution. Start agitation. Pour FLO-MET 80DF directly from the container into the partially filled spray tank. If FLO-MET 80DF is to be tank mixed with another herbicide, add that product after the FLO-MET 80DF is thoroughly mixed. Add the rest of the water or nitrogen solution. Agitate during mixing and application to maintain uniform suspension.

To determine compatibility, add two teaspoons of FLO-MET 80DF to one pint of nitrogen solution, equivalent to 2.5 pounds in 25 gallons. If using other application rates, adjust compatibility test rates proportionally. Stir or shake thoroughly. Let stand 5 minutes. If it remains mixed or can be remixed readily, the mixture is compatible. If FLO-MET 80DF settles out when mixed with a nitrogen solution, a compatibility agent at 1 to 3 pints per 100 gallons fertilizer may improve compatibility. Add 1/8 to 3/8 teaspoon of the compatibility agent to determine effectiveness.

AERIAL APPLICATION:

Apply FLO-MET 80DF in a minimum of 5 gallons of water per acre. Avoid applications under conditions where uniform coverage cannot be obtained or where extensive spray drift may occur.

COTTON

FLO-MET 80DF may be applied as a preemergence treatment to the surface of the soil, or lightly incorporated immediately after planting, or as a directed, semidirected, or over-the-top postemergence application. For preemergence treatment only FLO-MET 80DF may be tank-mixed with most liquid nitrogen fertilizers. FLO-MET 80DF may be combined with other herbicides in cotton as directed in the section, "Combinations."

FLO-MET 80DF is most effective when used as follows:

1ST APPLICATION:

Preemergence broadcast. See Preemergence Treatment below.

2ND APPLICATION:

Postemergence, directed, semidirected, or over-the-top when cotton is 3 to 6 inches high. See Postemergence Treatments below.

3RD APPLICATION:

If needed, postemergence, directed, or semidirected, at layby (last normal cultivation), using no more than 1.25 pounds per acre.

PREEMERGENCE TREATMENT

Apply FLO-MET 80DF at a rate of 1.25 to 2.5 pounds per acre. On light silt and sandy soils low in organic matter, use the lower rate. FLO-MET 80DF may be applied to the surface of the soil or lightly incorporated into the soil after planting cotton.

PREPLANT INCORPORATED USE (ARIZONA, CALIFORNIA, AND NEW MEXICO)

FLO-MET 80DF may be applied preplant as a broadcast spray at 2.0 pounds per acre after the beds for preplant irrigation have been formed. Apply before the beds are dragged off (using a bed shaper set to remove 1 to 2 inches from beds) in preparation for planting. Furrow irrigation should precede the application and planting should follow as soon as possible. Plant into untreated soil after drag-off and return treated soil to the beds when furrows are reformed. Do not allow furrow irrigation water to pond over the beds.

POSTEMERGENCE TREATMENTS

FLO-MET 80DF may be applied postemergence to cotton but preemergence to weeds, or postemergence to both cotton and weeds. FLO-MET 80DF should be applied at rates of 1.25 to 2.5 pounds per acre. Apply as a directed, semidirected, or over-the-top spray. FLO-MET 80DF may be applied to cotton plants at any stage of growth from 3 inches high to layby. Use the higher rate when applying postemergence to weeds; weeds should be 2 inches high or less. Use of a surfactant that is approved by FDA for use on food and feed crops and is compatible with FLO-MET 80DF when applied to cotton may enhance the postemergence herbicidal activity of FLO-MET 80DF. The surfactant rate should not exceed 0.5% of the carrier volume (1 pint per 25 gallons of water).

Application Precautions:

Rainfall that is sufficient to germinate seeds or for growing crops is adequate to activate the herbicidal activity of FLO-MET 80DF. Where dry weather conditions prevail, the herbicidal activity of FLO-MET 80DF may be delayed or reduced. Cultivate if necessary.

Do not make more than three applications of FLO-MET 80DF to the same crops or field in any one year. Do not plant crops other than cotton or sugarcane within 6 months of the last application of FLO-MET 80DF or injury may result.

The use of FLO-MET 80DF as a preemergence or early postemergence application, following the use of a systemic insecticide at planting, may result in injury to cotton.

WEST TEXAS ONLY:

Do not use FLO-MET 80DF on sandy, loamy sand, or fine sandy loam soils. Do not use FLO-MET 80DF on cotton planted in furrow.

ARKANSAS, LOUISIANA, AND MISSISSIPPI ONLY:

Use 1 pound of FLO-MET 80DF per acre on sandy loam soils low in organic matter.

ARIZONA, CALIFORNIA, AND NEW MEXICO ONLY:

Cotton, corn, and grain sorghum can be planted the next spring. Do not plant treated areas to other crops until one year after last application. Do not use on sandy or coarse-textured soil of less than 1% organic matter.

Do not apply within 60 days of harvest.

Do not feed foliage from cotton plants or gin trash to livestock.

COMBINATIONS FOR USE ON COTTON

Dual® 8E: Use in a tank mixture with FLO-MET 80DF preemergence in cotton for control of all weeds as listed on both labels. This combination will also control spotted spurge, hyssop spurge,

nodding spurge and prostate spurge. Apply to the soil surface at planting or after planting, but not before weeds or crops emerge, using the appropriate rates from the table below.

Note: Incompatibility may occur, add Active Plus at 0.5% volume/volume spray (4 pints/100 gal.) to help overcome this condition.

FLO-MET 80DF + Dual® 8E - Cotton (AR< LA< MS< Eastern OK< TN< Bootheel of MO and Gulf Coast, Rio Grand Valley and eastern TX)

Broadcast rates per acre		
SOIL TEXTURE	FLO-MET 80DF	Dual® 8E
Sand, loamy sand	DO NOT USE	
Sandy loam*	1.25 pounds	1.25 - 1.5 pints
Loam, silt loam, silt	1.25 - 2.0 pounds	1.5 - 2.0 pints
silty clay loam, sandy clay loam, silty clay, sandy clay, clay loam, clay	2.0 - 2.5 pounds	2 pints

* Use on sandy loam soils only in eastern OK and Gulf Coast, Rio Grand Valley, and eastern TX.

Precautions: (1) Do not apply on sand or loamy sand soils or in areas where water is likely to "pond" over the bed, or crop injury may occur. (2) Do not apply broadcast to furrow planted cotton. (3) The use of FLO-MET 80 DF following the use of a systemic insecticide at planting may result in crop injury. (4) Do not use on Taloka silt loam or crop injury may occur.

TRIFLURALIN 4EC:

Use in a tank mixture with FLO-MET 80DF (all areas except Arizona and California) or before an overlay with FLO-MET 80DF in cotton for control of all weeds listed on both labels. For the tank mixture, follow soil preparation and incorporation procedures for Trifluralin 4EC. Apply FLO-MET 80DF + Trifluralin 4EC tank mix rates specified below in a minimum of 15 gallons of water per acre.

FLO-MET 80DF + Trifluralin 4EC Tank Mixture (except Arizona and California).

Broadcast rates per acre		
SOIL TEXTURE	FLO-MET 80DF	Trifluralin 4EC
Sand, loamy sand, sandy loam*	1.25 pounds	1 pint
Loam, silty clay loam*, silt loam, silt, sandy clay loam*	2.0 pounds	1.5 pints
Clay, clay loam, silty clay loam*, silty clay, sandy clay, sandy clay loam*	2.5 pounds	2 pints

*Silty clay loam and sandy clay loam are transitional soils. If these soils are predominately sand or silt, they are usually classified as medium-textured soils. If predominately clay, they are classified as fine-textured soils.

For the overlay, apply FLO-MET 80DF as a preemergence soil surface treatment as recommended on this label at 1.25 to 2.5 pounds per acre after a preplant soil incorporated treatment of trifluralin. Apply Trifluralin 4EC as recommended on the label at 1 to 2.5 pints per acre.

Do not use the tank mix in Arizona and California. Do not apply the tank mix of FLO-MET 80DF + Trifluralin 4EC in liquid fertilizer. Refer to the Trifluralin 4EC label for directions, precautions, and limitations for use of that product, as well as the directions, precautions, and limitations on this FLO-MET 80DF LABEL.

PROWL®:

Apply FLO-MET 80DF as a preemergence surface treatment as recommended on this label at 1.25 to 2.5 pounds per acre after a preplant soil-incorporated treatment of Prowl® for control of all weeds listed on both labels. Apply Prowl® as recommended on its label at 1 to 3 pints per acre. Refer to the Prowl® label for directions, precautions, and limitations for use of that product.

ZORIAL RAPID 80®:

Apply FLO-MET 80DF according to directions on this label as a preemergence soil surface treatment following a preplant incorporated application of Zorial Rapid 80® or tank mix with Zorial Rapid 80® and apply as a preemergence treatment. Refer to the Zorial Rapid 80® label for directions for use, precautions, and limitations for use of that product.