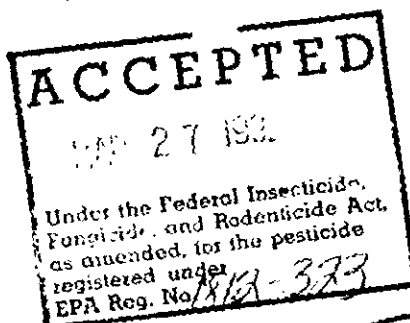


Griffin



METURON[®]
80DF

DRY FLOWABLE

FOR PREEMERGENCE AND POSTEMERGENCE WEED CONTROL IN COTTON

ACTIVE INGREDIENT:

Flumeturon 1,1-dimethyl-3-[a,a,a-trifluoro-m-tolyl]urea 80%

INERT INGREDIENTS: 20%

TOTAL 100%

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 to 2 glasses of water, milk, egg whites or gelatin solution, and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. Call physician immediately.

NOTE TO PHYSICIAN: There is no specific antidote for flumeturon. Induce emesis and lavage stomach. Give saline laxative and supportive therapy.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

IF IN EYES: Flush with plenty of water. Get medical attention if irritation persists.

GRIFFIN CORPORATION

VALDOSTA, GEORGIA 31601

EPA Reg. No. 1612-123

NET CONTENTS 5 LBS.

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PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION

Causes eye irritation. Harmful if swallowed, absorbed through the skin, or inhaled. Avoid contact with skin, eyes or clothing. Wear protective clothing. Wash thoroughly with soap and water after handling.

ENVIRONMENTAL HAZARDS

Do not apply directly to water. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water when disposing of equipment washwaters. Apply this product only as specified on this label.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its label. Do not apply this product in a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

RE-ENTRY STATEMENT

Do not enter treated areas without protective clothing until sprays have dried. Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information. Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product.

STORAGE AND DISPOSAL

PESTICIDE DISPOSAL: Do not contaminate water, food or feed by storage and disposal. Do not contaminate water when disposing of equipment wash waters. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate if allowed by state and local authorities. If burned, stay out of smoke.

DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

IMPORTANT: Read the entire Directions for Use and the Conditions of Sale and Warranty before using this product.

GENERAL INFORMATION

METURON 80 OF effectively controls selected annual grass and annual broadleaf weeds with no injury to cotton when used in accordance with label directions. METURON 80 OF will provide effective control of the following weeds:

ANNUAL GRASS WEEDS

Barnyardgrass Crowfootgrass Goosegrass Brachiaria Fall Panicum Ryegrass Crabgrass Foxtail

ANNUAL BROADLEAF WEEDS

Butterweed Sesbania Lambsquarters Tumbleweed Morningglory
Goatshead Groundcherry (Wright) Purslane Prickly Sida (Ironweed or Teawood) Ragweed
Pigweed Cudweed Sicklepod Florida Pusley Smartweed

METURON 80 OF is not effective for control of perennial weeds.

APPLICATION INSTRUCTIONS

MIXING

METURON 80 OF readily mixes with water. To assure thorough mixing the spray tank should be 1/3 to 1/2 full of water before adding METURON 80 OF. If other products are tank mixed, add in the following order:

- (1) dry flowables,
- (2) wettable powders,
- (3) liquid flowables,
- (4) emulsifiable concentrates
- (5) surfactants or compatibility agents.

Should poor mixing occur with any product, dilute the product equal parts of water before adding to the spray tank. In cotton where a nitrogen solution may be used as a carrier, METURON 80 OF must be thoroughly stirred in water before adding to nitrogen solution.

Before mixing METURON 80 OF with nitrogen solution check for compatibility. Thoroughly mix METURON 80 OF with 2 tablespoons of water. Then mix the slurry with the nitrogen solution 1 tablespoon of METURON 80 OF per pint of nitrogen solution equals 2.5 pounds in 25 gallons (adjust accordingly for other rates) and allow to stand for 5 minutes. The products are compatible when no lumping, curdling or gelation exist, and when any separation can be readily removed. If METURON 80 OF should settle out when mixed with the nitrogen solution, a compatibility agent may be used to improve suspension. Adding the compatibility agent at its recommended rate, usually 1 to 2 pints per 100 gallons (1/8 to 1/4 teaspoon per pint for tank), may improve mixture with nitrogen solution.

To maintain a uniform spray mixture, use bypass or mechanical agitation in the tank. To reduce foaming, bypass agitation should end in the bottom of the tank. The spray mixture should never be left in the tank without constant agitation. Spray equipment must always be thoroughly cleaned before adding METURON 80 OF as residues of other pesticides can alter the results from METURON 80 OF even to the point of causing serious crop injury. Do not spray this product through any type of irrigation system.

EQUIPMENT

Uniform distribution is essential for most effective weed control. Fan type nozzles are generally most effective for herbicide application. Uniform distribution may also be influenced by spray pressure and volume; for ground application use no less than 10 gpa for preplant incorporated and preemergence treatments and 20 gpa for postemergence.

For banded applications use rates of METURON 80 OF and carrier proportional to broadcast. Dividing row width by band width and multiplying by the rate per acre broadcast will give the amount of METURON 80 OF needed on the band.

Band width (in.)	x	rate/acre	=	METURON 80 OF
row width (in.)		broadcast		rate of band

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AERIAL APPLICATION

Apply Meturon 80 OF at a rate of 5 gallons of water per acre. Avoid applications under conditions where uniform coverage cannot be obtained or where excessive spray drift may occur. Avoid applications during a breeze or storm. Equipment and operator should avoid minimum of spray drift and prolonged contact with acid. Wash thoroughly before eating and at the end of each day's operation.

Crop	Type	Timing Method	Rate / Acre	Height	Use Instructions
Cotton					METURON 80 OF provides effective weed control when applied preemergence or postemergence to cotton and weeds. In some areas, a very light incorporation immediately following application to the soil may improve weed control. Postemergence METURON 80 OF may be applied as directed, semi-directed or over-the-top spray to cotton. Tank mixture with most liquid nitrogen solutions can be done with preemergence application only. To be most effective apply METURON 80 OF in a program using preemergence, early postemergence (cotton 3 to 6 inches tall), and late postemergence (lay-by) applications. PRECAUTION: The use of this product on light silt and sandy soils low in organic matter may result in serious crop injury or stand loss. Hillides or slightly eroded areas are particularly subject to this injury.
		Pre-plant Incorporation (Arizona & New Mexico Only)	2 pounds		After beds are prepared for pre-plant irrigation, apply METURON 80 OF broadcast. Application should follow furrow irrigation with planting as soon as possible after irrigation. Treatment must be made before beds are dragged off for planting. A bed shaper should be used to remove 1 to 2 inches from the beds after treatment. Irrigation water should not be allowed to puddle or pond over beds.
		Preemergence Treatment	1.25 to 2.5 pounds		On light silt and sandy soils, low in organic matter, use the lower rate. METURON 80 OF may be applied to the surface of the soil, or lightly incorporated into the soil, after planting cotton.
		Postemergence Treatment	1.25 to 2.5 pounds	3 inches to lay-by	METURON 80 OF may be applied postemergence to cotton and pre- or postemergence to weeds. Application can be directed, semi-directed or topical to cotton. The higher rate should be used when weeds have emerged. The use of a surfactant at a rate not to exceed 0.5% of spray volume or 1 pint per 25 gallons of water may increase activity on weeds.
Combinations and Overlays (Cotton)	Triin™ or other trifluralins		1.25 to 2.5 pounds		METURON 80 OF may be applied preemergence following a preplant incorporated application of Triin or other trifluralins. Follow label recommendations for use rates of Triin or other trifluralins and precautions.
	Prowl		1.25 to 2.5 pounds		METURON 80 OF may be applied preemergence following a preplant incorporated application of Prowl. Follow label recommendations for use rates of Prowl and precautions.
	Zonal® Rapid 80		1.25 to 2.5 pounds		METURON 80 OF may be applied preemergence following a preplant incorporated application of Zonal Rapid 80 or preemergence in combination with Zonal Rapid 80. Follow label recommendations for use rates of Zonal Rapid 80 and precautions.
	OSMA / MSMA		1.25 to 2.5 pounds	3 inches to bloom	METURON 80 OF may be tank mixed with OSMA or MSMA and applied as a postemergence directed spray to cotton. Follow label recommendation for use rates of OSMA or MSMA and precautions. Addition of a surfactant at 0.5% of spray volume (1 pint per 25 gallons) will enhance performance. This mixture should be applied in such a manner as to avoid contact of cotton foliage to avoid injury. Do not graze treated areas or feed treated forage or gin trash to livestock.
		Mixing Instructions			When tank mixing, products should be added to the sprayer in the following order: First fill tank 1/2 to 2/3 full of water. Second, add wettable powders, water dispersible granules and dry flowables. Wettable powders may need to be prethinned (stirred) in a small amount of water. Third, add liquid flowables to tank. Then emulsifiable concentrates may be added. Last, add surfactants. Agitate vigorously during the mixing and then after.
		Precautions			The herbicidal activity of METURON 80 OF may be lessened under dry conditions; however, rainfall sufficient to germinate seeds and grow the crop will usually activate METURON 80 OF. Interaction between METURON 80 OF when applied preemergence or early postemergence and preemergence applications of systemic insecticides may result in crop injury. METURON 80 OF should not be applied more than three times to the same crop or field in a year. Do not plant crops other than cotton within six months of the last METURON 80 OF application as injury may result. ARIZONA, CALIFORNIA and NEW MEXICO: With the exception of cotton, corn and grain sorghum which may be planted the next spring, do not plant other crops to METURON 80 OF treated areas for one year. METURON 80 OF should not be used on sandy-textured soil of less than 1% organic matter. ARKANSAS, LOUISIANA and MISSISSIPPI: Do not apply METURON 80 OF at one pound on sandy loam soils or on organic matter. WEST TEXAS: Do not apply METURON 80 OF on soils to be used for sandy, early sand or late sand, sandy loam soils not to be planted in 1975.

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WARRANTY STATEMENT

GRIFFIN warrants that this product conforms to the chemical description on the label thereof and is properly fit for purposes stated on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of GRIFFIN. In no case shall GRIFFIN be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the Buyer. GRIFFIN MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

Tolin[®] trademark of Griffin Corporation for trifluralin.

Prow[®] trademark of American Cyanamid for pendimethalin.

Zonit[®] Rapid 80 trademark of Sandoz for norflurazon.

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