

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

PH25  
1812-240  
pg. 20-C

MAY - 3 1990

L. Vernon White  
Manager, Pesticide Registration  
Griffin Corporation  
Agricultural Chemicals Group  
P.O. Box 1847  
Valdosta, GA 31603-1847

Dear Mr. White:

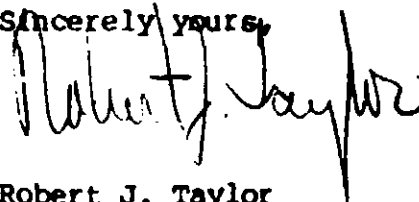
Subject: Griffex™ 4L  
EPA Reg. No. 1812-240  
Re: Atrazine Voluntary Exposure Reductions Measures  
Your Amendment Resubmission Dated April 13, 1990

The labeling referred to above, submitted in connection with the Federal Insecticide, Fungicide, and Rodenticide Act, as amended is acceptable with the following comment:

On page 3 under section entitled "Postemergence broadleaf weed control with Griffex™ 4L", change the term "Boot Stage" to "12 inches in height" or "Boot Stage but no higher than 12 inches".

Please submit five (5) copies of your final printed labeling incorporating this amendment and above mentioned comments before you release the product for shipment. All technical and end-use products released for shipment must have amended labels after September 1, 1990.

Sincerely yours,



Robert J. Taylor  
Product Manager (25)  
Fungicide-Herbicide Branch  
Registration Division (H7505C)

CONCURRENCES

SYMBOL								
SURNAME								
DATE								

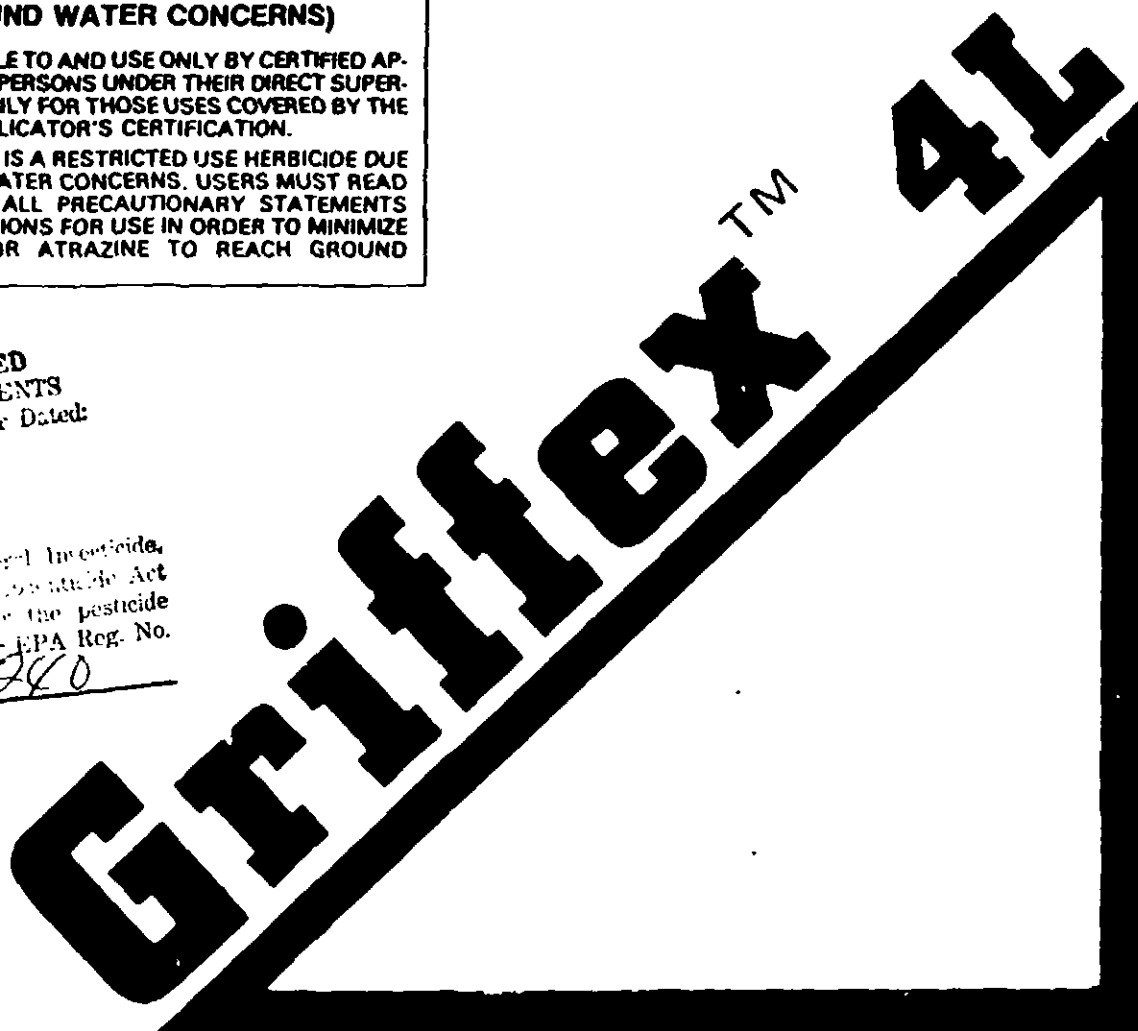
**RESTRICTED USE PESTICIDE  
(GROUND WATER CONCERNS)**

FOR RETAIL SALE TO AND USE ONLY BY CERTIFIED APPLICATORS OR PERSONS UNDER THEIR DIRECT SUPERVISION, AND ONLY FOR THOSE USES COVERED BY THE CERTIFIED APPLICATOR'S CERTIFICATION.

THIS PRODUCT IS A RESTRICTED USE HERBICIDE DUE TO GROUND WATER CONCERNS. USERS MUST READ AND FOLLOW ALL PRECAUTIONARY STATEMENTS AND INSTRUCTIONS FOR USE IN ORDER TO MINIMIZE POTENTIAL FOR ATRAZINE TO REACH GROUND WATER.

ACCEPTED  
with COMMENTS  
In EPA Letter Dated:

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
1812-240



**For Season-Long Weed Control in Corn, Sorghum and Certain Other Crops**

Contains 4 pounds Atrazine per gallon.

<b>ACTIVE INGREDIENTS:</b> .....	<b>43.30%</b>
Atrazine (2-chloro-4-ethylamino-6-isopropylamino-s-triazine) .....	42.00%
Related compounds .....	1.30%
<b>INERT INGREDIENTS:</b> .....	<b>56.70%</b>
<b>TOTAL</b> .....	<b>100.00%</b>

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**STATEMENT OF PRACTICAL TREATMENT**

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

**IF ON SKIN:** Wash with plenty of soap and water.

**IF IN EYES:** Flush with plenty of 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.

See Additional Precautionary Statements.

**Griffin**



Griffin. The Hardworking Difference™

**GRIFFIN CORPORATION**

VALDOSTA, GEORGIA 31601

NET CONTENTS 2 1/2 Gallons

EPA REG NO 1812-240

EPA EST NO 1812 GA-3

**BEST AVAILABLE COPY**

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS & DOMESTIC ANIMALS  
CAUTION**

Harmful if swallowed. Avoid inhalation of spray mist. Do not get in eyes. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

**ENVIRONMENTAL HAZARDS**

Atrazine can travel (seep or leach) through soil and can enter groundwater which may be used as drinking water. Atrazine has been found in groundwater. Users are advised not to apply to sand and loamy sand soils where the water table (groundwater) is close to the surface and where these soils are very permeable, i.e., well-drained. Your local agricultural agencies can provide further information on the type of soil in your area and the location of groundwater.

This pesticide is toxic to aquatic invertebrates. Do not apply directly to water or wetlands. Runoff and drift from treated areas may be hazardous to aquatic organisms in neighboring 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 a manner inconsistent with its labeling.

Users are required to wear long sleeve shirts and long pants or equivalent, chemical resistant gloves, and boots (waterproofed). In addition, persons involved in mixing / loading operations are required to use chemical resistant rubber or neoprene gloves and a face shield or goggles.

Ground water contamination may be reduced by diking and flooring of permanent liquid bulk storage sites with an impermeable material.

This product may not be mixed / loaded, or used within 50 feet of all wells including abandoned wells, drainage wells, and sink holes.

**RE-ENTRY STATEMENT**

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

Do not enter treated area without protective clothing until sprays have dried.

In 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. (Indicate specific oral warnings which inform workers of areas or fields that may not be entered without specific protective clothing, period of time field must be vacated and appropriate actions to take in case of accidental exposure). When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: CAUTION: Area treated with GRIFFEX on (date of application). Do not enter without appropriate protective clothing until spray has dried. In case of accidental exposure see Statement of Practical Treatment.

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal. Do not use or store around the home environment. Avoid contact with water in case of spill or leak, soak up with sand, earth or synthetic absorbent (do not use alkaline absorbents) and dispose of wastes in compliance with local, state and Federal regulations.

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

**GENERAL INFORMATION**

Griffex™ 4L Herbicide controls most annual broadleaf and grass weeds in corn, sorghum and certain other crops.

**APPLICATION PROCEDURES**

Do not apply this product through any type of irrigation system.

Griffex™ 4L, a liquid formulation, should be mixed with water or liquid fertilizer and applied as a spray. Pour Griffex™ 4L into the tank during or after filling Hydraulic (jet) or mechanical agitation is recommended during mixing and application to keep the material in suspension. All return lines to the tank must discharge below liquid level and agitation should not be so violent as to cause air bubbles to form in the liquid. Wash sprayer thoroughly after use.

**Ground Application:** Apply Griffex™ 4L in 10-40 gallons of water per acre to assure even coverage unless otherwise specified. Use TeeJet 8002, 8003, or 8004 fan type or other appropriate nozzles with equal or greater size openings for broadcast applications. Use TeeJet 8002-E or 8004-E or similar nozzles for band applications. Screens in nozzles and agitation and in-line strainers should be no finer than 50-mesh. Use a pump with capacity sufficient to maintain 35-40 psi operating pressure.

**Aerial Application:** Use only where broadcast applications are specified. Apply a minimum of 1 gallon of water for each 2 pints of Griffex™ 4L to be applied per acre. Do not apply where uniform coverage cannot be obtained or where excessive spray drift may occur. Avoid application directly to animals or humans. Flagmen or loaders should avoid inhalation of spray mist or contact with skin and should wash thoroughly before eating and at the end of each day's operation.

**Postemergence Weed Control with Griffex™ 4L plus Emulsifiable Oil in Water:** The addition of oil to Griffex™ 4L in water sprays may speed the activity of Griffex™ 4L and provide quicker kill of weeds. However, under certain conditions the use of oil may seriously damage corn or sorghum. To minimize the possibility of damage, follow the directions, procedures and precautions given below.

For combining with Griffex™ 4L, use a crop oil designated for use with Griffex™ 4L containing at least 1% suitable emulsifier. Oils contaminated with water or other materials can cause compatibility problems and/or crop injury.

**Equipment Procedures for Griffex™ 4L and Emulsifiable Oil:**

1. Thoroughly clean sprayer prior to use. Do not use sprayer contaminated with 2, 4-D or other materials as crop damage or sprayer clogging may result.
2. Fill the spray tank with water, allowing for the addition of the Griffex™ 4L.
3. With the agitation system in operation, add the Griffex™ 4L.
4. Add the emulsifiable oil last.
5. Empty the tank as completely as possible before refilling to prevent a buildup of oil in the tank. Keep the agitation system in operation to avoid a separation of the oil from the water in the spray mixture still remaining in the tank.
6. If an oil film starts to build up in the tank, drain the tank and clean out with a strong detergent solution or solvent.
7. Clean the sprayer thoroughly immediately after use by flushing the system with water containing a detergent.

**NOTE:**

1. Do not use oil in Griffex™ 4L sprays when corn or sorghum is under stress from prolonged cold, wet weather, poor fertility, or other factors or when corn or sorghum is wet and succulent from recent rainfall as crop injury may occur.
2. Do not use oils in sprays when treating inbred lines or any breeding stock as injury may occur.
3. Adding other insecticides, herbicides, liquid fertilizers, or other materials is not recommended because they may cause compatibility problems or crop injury.
4. Store and handle emulsifiable oil carefully. Oil contaminated with even a small amount of water may not emulsify properly when added to the tank.
5. Do not make more than one application of Griffex™ 4L and emulsifiable oil in water per season.
6. All return lines to the tank must discharge below liquid level.

**CORN**

One application will control most annual broadleaf and grass weeds such as barnyardgrass, witchgrass (*Panicum capillare*), yellow foxtail, green foxtail, wild oat, large (hairy) crabgrass, giant foxtail, velvetleaf, morningglory, lambsquarters, pigweed, ragweed, nightshade, purslane, and mustard.

Griffex™ 4L may be applied either before planting, at planting or after planting at the rate indicated below.

For preplant and preemergence applications, nitrogen solutions or complete liquid fertilizers may replace all or part of the water as a carrier of Griffex™ 4L. Do not apply after corn has emerged as there is danger of liquid fertilizers causing crop injury.

**Preplant:** Broadcast in the spring after plowing at the rate indicated below. Apply before, during, or after final seedbed preparation. If soil is tilled or worked after application, avoid deep incorporation of Griffex™ 4L. Best results have been obtained when Griffex™ 4L is applied within two weeks prior to planting.

**Preemergence:** Apply during or shortly after planting prior to weed emergence at the rate indicated below.

**Postemergence:** Apply before weeds exceed 1½ inches in height at the rate indicated below.

Soil Texture	Rate per acre of Griffex™ 4L		
	Broadcast in 10-40 gal. of water/A	20-inch band† in 5-20 gal. of water/A	13-inch band† in 4-14 gal. of water/A
Light soils: Sands, loamy sands, and sandy loams	4 pints	2 pints	1 1/2 pints
Medium soils: Silt and clay loams that are low in organic matter	4 1/2 pints	2 1/2 pints	1 1/2 pints
Heavy soils: Silt and clay loams with medium to high organic matter and clays	6 pints	3 pints	2 pints
Peats, mucks, and high organic clays (Apply postemergence only)	6 pints	3 pints	2 pints

†Based on 40-inch row spacing. For other band or row widths, adjust the rate in proportion to the area actually treated.

**Northern Nutgrass or Yellow Nutsedge (*Cyperus esculentus*) Control:** Broadcast 4-6 pints per acre preplant preemergence, or postemergence before nutgrass is more than 1 1/2 inches high. If applied before nutgrass begins growth, cultivate within 2-3 weeks. If applied after nutgrass has emerged, cultivate within 10-14 days.

**Quackgrass Control on Land Going Into Corn Production: Single Application:** Broadcast 4-6 pints per acre in the spring. Plow 1-3 weeks after application.

**Postemergence weed control with Griffex™ 4L plus emulsifiable oil in water:**

**Ground Application:** Broadcast 4 pints of Griffex™ 4L and 1 gal. of emulsifiable oil in 20-40 gal. of water per acre after emergence but before weeds reach 1 1/2 inches in height.

**Aerial Application:** Broadcast 4 pints of Griffex™ 4L and 1/2 gal. of emulsifiable oil in no less than 5 gal. of water per acre after weed emergence but before weeds reach 1 1/2 inches.

## SORGHUM AND SORGHUM-SUDAN HYBRIDS (GRAIN AND FORAGE TYPES)

Preplant or preemergence (Eastern and Central Nebraska and Northeast Kansas Only)

For preplant and preemergence applications, nitrogen solutions or complete liquid fertilizers may replace all or part of the water as a carrier for Griffex™ 4L. Do not apply after sorghum has emerged as there is danger of liquid fertilizers causing crop injury.

**Preplant:** Broadcast in the spring after plowing at the rate indicated in the table below. Application may be made before, during, or after final seedbed preparation. If soil is tilled or worked after application, avoid deep incorporation of Griffex™ 4L. Best results have been obtained when Griffex™ 4L is applied within two weeks prior to planting.

**Preemergence:** Apply during or shortly after planting prior to weed emergence at the rate indicated in the table below.

Preplant and Preemergence Application

(In Eastern and Central Nebraska and Northeastern Kansas Only)

Soil Texture	Rate per acre of Griffex™ 4L		
	Broadcast in 10-40 gal. of water/A	20-inch Band† in 5-20 gal. of water/A	13-inch Band† in 4-14 gal. of water/A
Sand to sand/loam, eroded slopes and soils low in organic matter	Do not use		
Other soils (shallow incorporation may improve control)	4-4 1/2 pints	2-2 1/2 pints	1 1/2-1 1/4 pints

†Based on 40-inch row spacing. When making band applications, reduce the broadcast rate per acre in proportion to the area treated.

**Postemergence.** For the control of broadleaves and grasses, apply postemergence applications of Griffex™ 4L in no less than ten gallons of water per acre at the rate indicated in the table below. Weeds should not exceed 1 1/2 inches in height at application. Application must be made before sorghum reaches 12 inches in height.

Postemergence Application†* (weeds should not be more than 1 1/2 inches high)				
Weeds to be controlled and soil texture	Stage or height of sorghum at treatment	Rate per acre of Griffex™ 4L		
		Broadcast in 10-40 gal. of water/A	20-inch band† in 5-20 gal. of water/A	13-inch band† in 4-14 gal. of water/A
Broadleaf and grass weeds				
Sand or loamy sand		Do not use		
Sandy loam		See broadleaf weeds below		
Silt loam to Silt loam to sandy clay loam	Completely emerged	4-4 1/2 pints	2-2 1/2 pints	14-1 1/2 pints
Olton and Pullman clay soils	At least 6 inches high	4-4 1/2 pints	2-2 1/2 pints	1 1/2-1 1/4 pints
Silty clay loams and heavier soils	Completely emerged	6 pints	3 pints	2 pints

Postemergence Application†† (weeds should not be more than 1 1/2 inches high)				
Weeds to be controlled and soil texture	Stage or height of sorghum at treatment	Rate per acre of Griffex™ 4L		
		Broadcast in 10-40 gal. of water/A	20-inch band† in 5-20 gal. of water/A	13-inch band† in 4-14 gal. of water/A
Broadleaf weeds				
Sandy loams and heavier soils in Oklahoma, New Mexico, Texas, West Kansas, Colorado, and desert regions of Arizona and California only	At least 6 inches high	2 1/2 pints plus 1/4-1/2 pint surfactant	1 1/2 pints plus 3/8-3/4 pint surfactant	1/2 pint plus 1/4-1/2 pint surfactant

†Based on 40-inch row spacing

††Up to "close-in"

**Postemergence broadleaf weed control with Griffex™ 4L plus emulsifiable oil in water (New Mexico, Oklahoma, and Texas only)** Apply when sorghum is 6-10 inches high and before boot stage. Treat broadleaf weeds before they reach 6 inches.

## PRECAUTIONS

- Do not apply more than 6 pints of Griffex™ 4L to corn in any one year.
- Land treated with Griffex™ 4L should not be planted to any crop except corn until the following year or injury may occur.
- Following harvest of a treated crop, plow (moldboard or diskplow) and thoroughly till the soil in fall or spring to minimize possible injury to rotational spring-seeded crops, regardless of the rate used.
- If Griffex™ 4L is applied after June 10, do not rotate with crops other than corn or sorghum the next year or injury may occur.
- In the High Plains and Intermountain areas of the West where rainfall is sparse and erratic or where irrigation is required, use Griffex™ 4L to control weeds in corn only when corn is to follow corn or a crop of untreated corn or sorghum is to precede other rotational crops.
- In western Minnesota and eastern parts of the Dakotas, Nebraska, and Kansas, corn treated with Griffex™ 4L should not be followed with soybeans if the broadcast rate applied was more than 4 pints per acre (or comparable rate in a band) or injury may occur.
- Do not plant sugar beets, tobacco, vegetables (including dry beans), spring-seeded small grains, or small-seeded legumes and grasses the year following Griffex™ 4L application or injury may occur.
- Do not graze treated area or feed treated forage to livestock for 21 days following application.

## TANK MIXTURES ON CORN

### Dual 8E

Use as tank mixture for control of certain broadleaf and grass weeds in corn. Refer to Dual 8E label for all directions, weeds controlled, precautions, and limitations.

### Sim-Trol 4L

Use as tank mixture for control of many annual weeds, including carpetweed, crabgrass, fall panicum, foxtail, lambsquarters, morningglory, pigweed, ragweed, and velvetleaf. Apply before planting, at planting, or after planting, but before crop and weeds emerge, as shown in Table 2a. Use 1:1 ratio for control of above weeds. Use 1:2 ratio for expected heavy infestations of crabgrass and fall panicum. Apply in a minimum of 20 gal. of water/A. Cultivate shallowly if weeds develop.

**Preplant:** Apply in spring during or after final seedbed preparation. If soil is tilled or worked after application, avoid deep incorporation. For best results, apply within two weeks before planting.

**Preemergence:** Apply during or shortly after planting, but before crop and weeds emerge. Refer to Corn sections of this label and to Sim-Trol 4L label for further directions, limitations and cautions.

**TABLE 2a**  
Tank Mixtures with Simazine on Corn

Soil Texture	1:1 Ratio*		1:2 Ratio**	
	This Product	Sim-Trol 4L	This Product	Sim-Trol 4L
Sand, loamy sand, sandy loam	2 pt.	2 pt.	1.32 pt.	2.67 pt.
Loam, Silt loam, silt, clay loam, sandy clay loam, Silty clay loam, sandy clay, or silty clay with low organic matter	2.4 pt.	2.4 pt.	1.6 pt.	3.2 pt.
Loam, silt loam, silt, clay loam, sandy clay loam, silty clay loam, sandy clay, or silty clay with medium to high organic matter, and clay (including dark prairie soils of the Corn Belt)	3 pt.	3 pt.	1.92 pt.	3.84 pt.

\*For control of above weeds

\*\*For control of expected heavy infestations of crabgrass and fall panicum

PRINTING AREA LIMIT—NO COPY BELOW THIS LINE

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Ground Application: Broadcast 2 1/2 pints of Griffex™ 4L and 1/2-1 gal. of emulsifiable oil in 20-40 gal. of water per acre.

Aerial Application: Broadcast 2 1/2 pints of Griffex™ 4L and 1/2 gal. of emulsifiable oil in no less than 5 gallons of water per acre.

## PRECAUTIONS

1. Heavy rains immediately following application tend to result in excessive concentrations of herbicide in seed furrow, resulting in possible crop injury. Applications to furrow-planted sorghum should not be made until furrows are leveled (plowed-in). Deep planter marks or seed furrows should also be leveled before application.
2. Application made to sorghum growing under stress caused by minor element deficiency or to sorghum growing on highly calcareous soils may result in crop injury.
3. Do not plant any rotation crops other than those specified in the Suggestions For Rotational Crops Section below for 18 months following application.
4. Do not graze or feed forage from treated areas for 21 days following application.
5. Following harvest of a treated crop, plow (moldboard or diskplow) and thoroughly till the soil in fall or spring to minimize possible injury to rotational spring-seeded crops, regardless of the rate used.
6. Do not apply more than 6 pints of Griffex 4L to sorghum in any one year.

## Suggestions for Rotational Crops

1. Sorghum or corn may be planted the year following treatment
2. All other rotational crops may be planted 18 months after application
3. When the broadcast rate used does not exceed 2 1/2 pints per acre, fall wheat may be planted 15 months after application.

## TANK MIXTURES ON GRAIN SORGHUM

Igran® 80W

Use as tank mixture for control of certain broadleaf and grass weeds in grain sorghum. Refer to Igran 80W label for all directions, weeds controlled, precautions, and limitations.

## SUGARCANE

For control of many annual broadleaf and grass weeds, including amaranths, crabgrass, fireweed, Flora's paintbrush, foxtails, junglerice and wiregrass:

Broadcast 2-4 quarts in 20-50 gallons of water/A for adequate coverage of the soil surface at time of planting or ratooning, but before cane emerges. One additional application may be made over cane as it emerges, and two additional applications may be made interine after emergence as directed sprays.

For control of emerged pellitory weed (Florida only): Apply 0.8-1.2 pints in at least 40 gallons of water/A as a directed spray. Add 2 quarts of surfactant for each 50 gallons of spray. Thoroughly cover weed foliage.

Precautions: (1) Do not apply after "close-in". (2) Do not apply more than 10 quarts/A to any one crop of cane.

For control of alexandergrass, large crabgrass, pellitory (artillery) weed and spiny amaranth, use only one of the following methods at planting or ratooning (Florida only):

1. Apply 4 quarts in 20-50 gallons of water/A, preemergence, broadcast or banded. Follow with one or two broadcast or banded over-the-top applications as needed, postemergence to sugarcane and weeds, at 2 quarts in 20-50 gallons of water/A. Treat before weeds exceed 1.5 inches in height.
2. Apply 1-3 times as needed, at 2 quarts in 20-50 gallons of water/A, either broadcast or banded over-the-top, postemergence to sugarcane and weeds. Treat before weeds exceed 2.5 inches in height.

## CHEMICAL FALLOW

Wheat-Sorghum Fallow

This treatment controls annual broadleaf and grass weeds following wheat harvest and in the following sorghum crop when grown under minimum tillage.

Apply 6 pt. to wheat stubble immediately following wheat harvest. If weeds are present, remove them with a sweep plow or other suitable implement after application. Plant sorghum into wheat stubble the following spring with minimum disturbance of the soil. Use a surface planter or a planter leaving a shallow furrow. If weeds are present, at planting, remove them with a sweep plow or other suitable implement before planting.

Precautions: (1) Use only on silt loam or finer textured soil. (2) Wheat-sorghum-fallow cropping sequence must be followed. (3) Do not apply following sorghum harvest.

Note: Do not graze or feed forage from treated area to livestock. Do not plant any crop other than those on this label within 15 months following treatment.

## Wheat-Corn-Fallow (KS, NE)

This product controls cheatgrass (downy brome, chess), Kochia, mustards, pigweed, Russian thistle, wild lettuce, wild sunflower, and volunteer wheat during period after wheat harvest. Weed control may extend into following corn crop grown under minimum tillage.

Apply with ground equipment only.

Follow directions for use, notes, and precautions in the "Wheat-Sorghum-Fallow" section above, substituting corn for references to sorghum.

## Wheat-Fallow-Wheat (CO, KS, MT, NE, ND, SD, and WY)

For preemergence control of cheatgrass (downy brome, chess), common lambsquarters, field pennycress, Kochia, mustard, Russian thistle, wild lettuce, and suppression of volunteer wheat during fallow period of a wheat-fallow-wheat rotation, apply 1-2 pt. in 10-40 gal. of water/A for ground application, on all soils except those listed under "Precautions." For control of pigweed and wild sunflower, use the higher rate. Apply to stubble ground. Treat only once during same fallow period.

If weeds are present at application and this product is used alone, use either an approved contact herbicide before or after treatment, or tillage after treatment.

Use tillage to control weeds which escape during fallow period. Till before planting. For this product applied alone or in tank mixture with Paraquat CL, plant at least 2 inches deep and 12 months or more after application.

Precautions: (1) Do not use on sand soil. (2) Do not treat eroded hillsides, caliche and rocky outcroppings, or exposed calcareous subsoil. (3) Do not treat soils of the Rosebud and Canyon Series in Western NE and adjoining counties in CO and WY. (4) Do not treat soils with calcareous surface layers. (5) Avoid spray overlap.

Note: Do not graze treated areas within 6 months after applications.

## Nonselective Weed Control On Noncropland

This product provides long term weed control on industrial sites, highway medians and shoulders, railroad right-of-ways, lumber yards, petroleum tank farms and in noncrop areas on farms, such as around buildings, equipment and fuel storage areas, along fences and lanes.

Apply before or soon after weeds begin growth. Make postemergence applications when weeds are young and actively growing. Use the higher rates on fine clay and muck soils. Use sufficient water to assure thorough coverage.

Annual broadleaf and grass weeds (including barnyardgrass, cheatgrass, crabgrass, lambsquarters, foxtail, ragweed puncturevine and turkey mullen). Apply 1.5 - 2.5 gallons per acre per calendar year. Do not exceed 2.5 gallons/A per calendar year.

Dual trademark of CIBA-GEIGY for metholachlor U.S. Patent No. 3,937,730

Igran trademark of CIBA-GEIGY for terbutryn U.S. Patent No. 3,634,062

## NOTICE OF WARRANTY

GRIFFIN warrants that this product conforms to the chemical description on the label thereof and is reasonably 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.

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CPC 008225

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