

PM 25 1812-349

File
102-10



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

MAY 6 1994

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

L. Vernon White
GRIFFIN CORPORATION
P. O. Box 1847
Valdosta, GA 31603-1847

Subject: Label Amendment Submission of 06/15/93 in Response to PR Notice 93-7
EPA Reg. No. 1812 349
COTTON-PRO 80DF

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



Recycled/Recyclable
Printed with Soy/Canola ink on paper that
contains at least 50% recycled fiber

2010

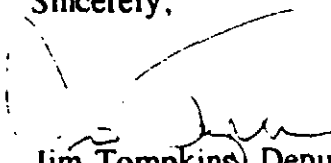
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Attachment

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GRIFFINS

1812-349

06/15/93

COTTON-PRO 80DF

Original Submissions

User Safety Recommendations and the Agri. Use Requir. must either be placed in a box or printed on the label in a contrasting color from surrounding text.

ACCEPTED
with COMMENT
In EPA Letter

MAY 6

Under the Federal
Fungicide, and Rodenticide
Act, as amended, for the
registered under EPA

1812-34

COTTON-PRO® DF

Dry Flowable

For selective weed control in cotton and celery

ACTIVE INGREDIENT:

Prometryn (2,4-bis(isopropylamino)-6-(methylthio)s-triazine)..... 80.0

INERT INGREDIENTS..... 20.0

TOTAL..... 100.0

Contains 0.8 Pounds Prometryn Per Pound of Product

KEEP OUT OF REACH OF CHILDREN

DANGER - PELIGRO

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

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Flush with plenty of water. Call a physician.

IF SWALLOWED: Drink promptly a large quantity of milk, egg whites, gelatin solution if these are not available, drink large quantities of water. Do not induce vomiting. Avoid alcohol. Do not give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

IF ON SKIN: Wash immediately with soap and water. Get medical attention.

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

~~**PRECAUCION AL USUARIO:** Si usted no lee ingles, no use este producto hasta que la etiqueta haya sido explicado ampliamente.~~

GRIFFIN CORPORATION
VALDOSTA, GEORGIA 31601

EPA REG. NO. 1812-34
EPA EST. NO. 1812-GA

NET CONTENTS 5 Lbs

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**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND (DOMESTIC ANIMALS)
DANGER - PELIGRO**

Precautionary Statements: Corrosive. Causes irreversible eye damage. Harmful if absorbed through the skin or inhaled. Do not get in eyes or on clothing. Avoid contact with skin. ~~Wear goggles, face shield or safety glasses, when handling.~~ Avoid breathing dust or spray mist. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. ~~Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.~~

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:
~~long-sleeved shirt and long pants
waterproof gloves
shoes plus socks
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 the 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.~~

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.~~

ENVIRONMENTAL HAZARDS

Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes). 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 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.

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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 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 intervals. 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 worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

Exception: If product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

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

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. (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 and oral warnings must include the following information: DANGER—Area treated with Cotton Pro DF on (date of application). Do not enter without appropriate protective clothing until sprays have dried. In case of accidental exposure, follow instructions under Statement of Practical Treatment section.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

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Do not reuse empty containers.

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: **Plastic Containers** - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in asanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. **Paper and Plastic Bags** - Completely empty container into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

GENERAL INFORMATION

Do not apply this product through any type of irrigation system. Do not allow livestock to feed or graze on treated cotton crops. Cotton-Pro DF is a selective herbicide that may be applied either before or after weeds emerge for control of most annual broadleaf weeds and grasses. When applied before weeds emerge, Cotton-Pro DF enters weeds through their roots. Thus, its effectiveness depends on moisture to move it into the soil. Under very dry soil conditions after application, a shallow cultivation or rotary hoeing will generally result in better weed control. When applied to emerged weeds, Cotton-Pro DF provides foliar knockdown of existing weeds and residual control of later germinating weeds, depending on the rate applied.

Following many years of continuous use of this product and chemically related products, biotypes of some of the weeds listed on this label have been reported which cannot be effectively controlled by this and related herbicides. Where this is known or suspected, we recommend the used of this product in combination with other registered herbicides which are not triazines. Consult with your State Agricultural Extension Service for specific recommendations.

IMPORTANT: FAILURE TO FOLLOW PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY, POOR PERFORMANCE, AND/OR ILLEGAL RESIDUES.

GRASSES AND BROADLEAF WEEDS CONTROLLED BY Cotton-Pro DF

Annual morningglory	Goosegrass	Pigweed (carelessweed)
Barnyardgrass	Groundcherry	Purslane
(watergrass)	Junglerice	Ragweed
Black nightshade	Lambsquarter	Signalgrass (and other
Crabgrass	Malva	Brachiaria spp.)
Florida pusley	Mustard	Smartweed
Foxtail	Panicum spp.	Teaweed (prickly sida)
		Wild Oats

Cotton-Pro DF also controls shallow-germinating seedlings of:

Coffeeweed	Cocklebur	Sandbur
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Cotton-Pro DF does not control:

- Bermudagrass
- Johnsongrass
- Other established perennials
- Sprangletop at selective rates

APPLICATION DIRECTIONS

GROUND APPLICATION: Use conventional spray equipment with hydraulic or mechanical agitation except in Arizona and California where only mechanical agitators are recommended. Screens in nozzles and 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.

Unless otherwise specified, use Cotton-Pro DF in a minimum of 10 gallons of water per acre for all preplant, preemergence and postemergence applications with ground equipment. For preplant incorporated or preemergence application, use flat fan nozzle tips. For postemergence band application, use off-center nozzle tips. For postemergence broadcast application, use flat fan nozzle tips. Use flood nozzle tips only in Arizona and California for lay-by treatment in cotton at least 18 inches tall.

For band applications , calculate amount to be applied per acre as follows:

$$\frac{\text{band width in inches}}{\text{row spacing in inches}} \times \begin{matrix} \text{broadcast} \\ \text{rate} \\ \text{per acre} \end{matrix} = \begin{matrix} \text{amount needed} \\ \text{per acre of field} \end{matrix}$$

AERIAL APPLICATION PREPLANT, PREEMERGENCE AND WINTER WEED CONTROL (cotton only): Use aerial application only where broadcast applications are specified. Use a minimum of 5 gals of spray mixture per acre. Avoid applications under conditions where uniform coverage cannot be obtained or where excessive spray drift may occur. Do not use aerial application postemergence.

~~Avoid application to humans or animals. Flagmen and loaders should avoid inhalation of spray mist and prolonged contact with skin. and should wash thoroughly before eating and at the end of each day's operation.~~

To assure that spray will be controllable within the target area, make applications at a maximum height of 10 ft. above vegetation, using low drift nozzles at a minimum pressure of 40 psi and restrict application to periods when wind speed does not exceed 10 mph. To assure that spray will not adversely affect adjacent sensitive non-target plants, apply by aircraft at a minimum upwind distance of 400 feet from sensitive plants. **Avoid spray overlap, as crop injury may result.**

MIXING PROCEDURES: Be sure sprayer is clean and not contaminated with any other material as crop injury or sprayer clogging may occur. Fill spray tank 1/2 to 3/4 full with clean water. Start agitation. Add the product directly from the container into the partially filled spray tank and continue filling tank. Provide agitation during mixing and application to maintain a uniform suspension.

CLEANING: Wash sprayer thoroughly with clean water immediately after use. Do not use the same sprayer on sensitive crops, as even small residues of Cotton-Pro 80 DF in the tank may cause injury to these crops.

SEEDBED PREPARATION: To insure proper placement of Cotton-Pro 80 DF seedbeds must be well prepared and free as possible from trash and clods. A firm seed bed is best for obtaining effective weed control. Uniformity in height and width of seedbed is essential for proper postemergence application. Beds should be low and flat. Take care to avoid planter marks. Wide planter packing wheels or rollers are recommended. Wheel furrows should be uniform in depth. Mount the sprayer so that it follows the same rows as the planter.

RECOMMENDED USES COTTON

Cotton-Pro 80 DF may be applied preplant incorporated (Arizona and New Mexico) or preemergence and/or postemergence as recommended in the following tables. The postemergence application may follow preplant incorporated or preemergence treatments of Cotton-Pro 80 DF.

Do not use on glandless cotton varieties or crop injury will occur.

PREPLANT INCORPORATION (Arizona and New Mexico): Apply Cotton-Pro 80 DF at the appropriate rate in Table 1 as a broadcast or band treatment. If broadcast, treat the flat soil surface prior to listing. If banded, apply over partially finished or finished beds. Incorporate up to 4 inches deep immediately after application with PTO-driven equipment, double disk, rolling cultivator or bed conditioner.

Table 1

Region	Soil Texture	Broadcast Rate Pounds/Acre
Arizona and New Mexico	sand, loamy sand sandy loam, loam silt loam, clay	Do Not Use 2.0 3.0

PRECAUTIONS: Do not use Cotton-Pro 80 DF in cut areas of newly leveled field, in areas of excess salt or in areas where flooding over the beds is likely to occur or crop injury may result. Do not plant cotton in tractor wheel depressions or crop injury may result. On mulch planted cotton, water back only after cotton seedlings are well established. In New Mexico, apply either preplant incorporated or preemergence (not both). If aerially applied, avoid spray overlap, as crop injury may result.

PREEMERGENCE: Apply at planting or shortly after planting at the appropriate rate in Table 2. Cotton-Pro 80 DF may be used on cotton planted flat, on beds or in furrows. To avoid concentration of Cotton-Pro 80 DF in the seed furrow, do not make broadcast applications of cotton planted in furrows deeper than 2 inches. Band applications may be made to cotton planted in furrows deeper than 2 inches, but band width should not exceed the width of the bottom of the furrow. If banded, do not cover treated bands with soil while cultivating untreated row middles.

Do not use on sand or loamy sand or shallow soils with caliche subsoils or in areas with caliche outcroppings.

Rainfall or irrigation is needed following preemergence application to obtain weed control.

Cotton may be replanted in soil previously treated with Cotton-Pro 80 DF. Do not apply a second preemergence application of Cotton-Pro 80 DF or injury may occur.

Table 2

Region	Soil Texture	Broadcast Rate Pounds/Acre
Mid-South and Southeast other than Mississippi River Delta in Mississippi	sandy loam silt and clay loam Sharkey clay	2.0-2.5 3.0 Do Not Use
Mississippi River Delta in Mississippi	sandy loam silt and clay loam Sharkey Clay	2.5-3.0 3.5 Do Not Use
Blacklands of Texas and Oklahoma, Texas Gulf Coast and Texas Coastal Bend	loam clay	1.5 3.0
Rio Grande Valley of Texas*	loam clay	2.0 3.0
High Plains, Rolling Plains and Edwards Plateau of TX, Southwest TX and New Mexico**	sandy, loamy sand sandy loam loam, sandy clay loam other clay soils	Do Not Use 1.0 1.5 2.0
Arizona		Do Not Use

*Rio Grande Valley of Texas - Furrow irrigation cotton - if adequate rain does not fall soon after application, a shallow cultivation will improve weed control.

**New Mexico - Apply either preplant incorporated or preemergence (not both).

PRECAUTION: If aerially applied, avoid spray overlap, as crop injury may result.

POSTEMERGENCE: Be especially careful in applying Cotton-Pro 80 DF postemergence to prevent contact of the spray with cotton leaves. Injury may occur. Use precision application equipment so that spray is accurately directed

to the base of the cotton plants and still thoroughly covers the soil and weeds beneath the cotton plants. Apply during calm periods to prevent drift.

Use leaf lifters or shields if leaf contact cannot be avoided merely by directing the spray. Apply only when all plants have exceeded the minimum recommended height. Apply to level, well prepared surfaces such as relatively clod-free beds made with bed-shapers.

Do not apply to furrow-planted cotton until furrows are leveled (plowed in). Do not treat cotton under stress from drought, cultivator damage or fertilizer application. Do not apply aerially.

When applying to emerged weeds, add 2 quarts of surfactant per 100 gallons of spray mixture. Use a surfactant that is compatible with Cotton-Pro 80 DF when applied in cotton and is approved by EPA for use on food and feed crops. Examples include X-77, Tronic and Triton.

CHEMICAL HOE (EMERGED WEEDS ONLY): Apply Cotton-Pro 80 DF at the appropriate rate in Table 3, two or three times if necessary. In cotton 3-6 inches tall be extremely careful to avoid spray contact with cotton leaves by applying Cotton-Pro 80 DF with a precision applicator equipped with fenders or shields such as Bell Row Shield, Dickey Fenders or W&A Fenders. In cotton less than 10 inches tall, apply only if cotton is bedded or flat-planted. Do not apply aerially.

Table 3

Height of Cotton and Area of Use	Height of Weeds	Broadcast Rate Pounds/Acre
3-6 inches (AK, LA, MS, MO, TN and TX)	less than 1 inch 6 or more inches (all regions) less than 2 inches	0.6 0.6 - 0.8

LAY-BY (EMERGED WEEDS AND GERMINATING WEEDS): Apply Cotton-Pro 80 DF at the appropriate rate in Table 4, once per season when cotton is at least 12 inches tall (18 inches where flood nozzles are used in Arizona). Apply before weeds are 2 inches tall. Do not apply aerially.

Table 4

Region	Soil Texture	Broadcast Rate Pounds/Acre
Mid-South and Southeast	sandy loam clay	1.5 1.75 2.0
Blacklands of Texas and Oklahoma	loam clay	2.0 1.0
High Plains of Texas and New Mexico	sandy loam and clay	1.0 1.5
Southwest Texas	loam clay	1.5 2.0
Rio Grande Valley of Texas		Do Not Use
Arizona	sand and loamy sand sandy loam loam	Do Not Use 1.5-2.0 2.0

WINTER WEED CONTROL - Arkansas, Louisiana, Mississippi and Texas: For control of winter weeds only, such as chickweed, henbit (purpletop) and seedling dock on fall bedded cotton land, apply 0.75 - 1.0 pounds of Cotton-Pro 80 DF per acre in the fall or winter to land that will be planted to cotton the following spring. For best results, apply before weeds emerge. Cotton-Pro 80 DF will give effective control of emerged henbit if applied before it reaches 4-6 inches tall. For postemergence henbit control, add a suitable surfactant, such as X-77, at 0.5% of spray volume or an emulsifiable oil at 1.0% of spray volume to the spray tank.

PRECAUTION: Allow a minimum of 21 days between fallow application and preemergence application of Cotton-Pro 80 DF or other herbicides with similar chemistry such as Caporal, Cotoran¹, 85DF, Cotoran 4L, Meturon², 80DF, Meturon 4L, Direx 4L³ or Karmex⁴ DF. Treatment intervals of less than 21 days can cause crop injury.

To avoid crop injury, do not use Cotton-Pro 80 DF for winter weed control in areas of excess salt or calcareous soil. If aerially applied, avoid spray overlap, as crop injury may result.

ROTATIONAL CROPS: The following vegetable and cover crops may be planted in the fall when Cotton-Pro 80 DF was applied on cotton by no more than one of these methods that year: preplant incorporated, preemergence or only one chemical hoe treatment.

VEGETABLES: Cabbage, okra, onions, peas, red beets, sweet corn.

COVER CROPS: (must be plowed down and not used for food or feed) Oats, sorghum, winter barley, winter rye, winter wheat.

SPRING-SEEDED CROPS AND SPRING-SEEDED VEGETABLES - Arizona and Rio Grande Valley of Texas: Should not be planted until after April 1.

COMBINATIONS FOR COTTON

A tank mix of Cotton-Pro 80 DF and Trilin¹ or other trifluralin products or a tank mix of Cotton-Pro 80 DF and Prowl² may be applied and preplant incorporated for weed control in cotton. These tank mixes may be aerially applied. See aerial application instructions.

PROWL - Arizona, New Mexico and the upper and lower El Paso Valley of Texas: This preplant incorporated tank mixture controls all weeds listed on this label and on the Prowl cotton label. Apply prior to listing or over partially finished or finished beds and incorporate immediately. Refer to the Prowl label for soil mixing, spraying and incorporation methods. Continuous agitation in the spray tank is required to keep the material in suspension. Apply the tank

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Mixture with ground equipment in at least 10 gallons of water/acre at the appropriate rates in Table 6.

Table 6

Soil Texture	Broadcast Rate/Acre	
	Prowl	Cotton-Pro 80 DF
sand, loamy sand	Do Not Use	
sandy loam	1.0 - 1.5 pts	1.5 - 2.0 lbs
loam	1.5 - 2.0 pts	2.0 lbs
silt loam, silt, sandy clay loam	1.5 - 2.0 pts	2.0 - 3.0 lbs
clay loam, silty clay loam, clay	1.5 - 3.0 pts	2.0 - 3.0 lbs

Use the high rate for each soil texture above if heavy weed populations are anticipated. Use the 3 pt rate of Prowl for heavy clay soils.

PRECAUTIONS: Do not use in cut areas of newly leveled fields, in areas of excess salt or in areas where flooding over the bed is likely to occur as crop injury may result. Do not plant cotton in tractor wheel depressions or crop injury may result. Do not use this tank mixture when cotton is irrigated up as crop injury may result. On mulch planted cotton, water back only after cotton seedlings are well established.

NOTE: Do not feed treated forage to livestock or graze treated areas.

ROTATIONAL CROPS: If treated crop is lost, cotton may be replanted. Do not rework the soil. Refer to the Prowl label and the cotton section of this label for rotational crop restrictions.

Trilin or other trifluralin products - Arizona, New Mexico and the upper and lower El Paso Valley of Texas: This combination controls weeds listed on this label and the Trilin label. This combination controls shallow-germinating seedlings of cocklebur and coffeeweed.

Follow procedures on the Trilin label for soil preparation and incorporation. Apply the tank mix combination to the flat soil before disking.

Pour Cotton-Pro 80 DF directly into tank 1/2 to 3/4 full of water, allow it to disperse with agitation, add Trilin and continue filling with water. Continuous agitation in the spray tank is required to keep the material in suspension. Apply the tank mixture in at least 10 gallons of water/acre at the appropriate rates in Table 7.

Table 7

Soil Texture	Broadcast Rate/Acre	
	Trilin	Cotton-Pro 80 DF
sand, loamy sand	Do not Use	
sandy loam	1 pt	1.5 - 2.0 lbs*
medium soils	1.5 pts	2.5 lbs
fine soils	2 pts	2.5 lbs
muck or peat	Do Not Use	

*Use less than 2 lbs/acre only in Arizona.

PRECAUTIONS: Do not use in cut areas of newly leveled field, in areas of excess salt or in areas where flooding over the bed is likely to occur or crop injury may result. Do not plant cotton in tractor wheel depressions or crop injury may result. On mulch planted cotton, water back only after cotton seedlings are well established.

NOTE: Do not feed treated forage to livestock or graze treated areas.

ROTATIONAL CROPS: Cabbage, celery, okra, onions and peas may be planted in the fall after spring application of Trilin + Cotton-Pro 80 DF. Winter barley, rye and wheat can be planted in the fall if they are plowed down and not used for food or feed. Refer to the Trilin label for other directions and precautions.

Trilin SPLIT APPLICATION - Arizona: Apply a preplant incorporated application of Trilin as directed on that label, except use the appropriate rate in Table 7. Do not apply Trilin before January 1. Follow at planting or just before planting with a preplant incorporated treatment of Cotton-Pro 80 DF as directed in the cotton section of this label, except use the appropriate rate from Table 7.

DSMA OR MSMA: For faster knockdown of the weeds controlled by Cotton-Pro 80 DF alone, apply 0.6 - 0.8 pounds of Cotton-Pro 80 DF plus 3 pounds active ingredient DSMA or 2 pounds active ingredient of MSMA/acre, following the same directions, precautions, and limitations as given on this label for Cotton-Pro 80 DF applied alone postemergence (chemical hoe). If needed, make a second application 1-3 weeks after the first application. Do not apply after first bloom. Several formulations of DSMA and MSMA are available under various trade names from several manufactures. Observe the directions, limitations and precautions on label of the product.

CELERY

SEEDBEDS - Florida: Broadcast 0.75 - 1.0 pounds in a minimum of 20 gals of water/acre after celery has 2-5 true leaves. Application may be made over the celery. Apply only after seedbed covers have been removed from seedbeds for at least one week. Apply only once per year to seedbeds.

TRANSPLANTS: Apply one application at the appropriate rate from Table 8 in a minimum of 20 gallons of water/acre during the 2-6 week period after transplanting. Within the rate ranges given, use the lower rate on relatively coarse-textured soils and soils low in organic matter; use the higher rate on relatively fine-textured soils and soils high in organic matter. Application may be made over the celery. Apply before weeds are 2 inches tall.

Table 8

State	Soil	Broadcast Rates Pounds/Acre
Florida	sandy or muck	1.0 - 2.0
Hawaii	coarse-textured	2.0-3.0
	fine-textured	3.0 - 4.0
Michigan, Ohio	fine-textured or muck	1.5
Wisconsin	fine-textured	2.0 - 2.5

ROTATIONAL CROPS: The following crops may be seeded 5 months after applying not more than 2.5 pounds/acre on celery: cabbage, celery, corn, onions, peas, and red beets.

WARRANTY STATEMENT

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.

Caparol is a registered trademark of Ciba-Geigy.

Cotoran is a registered trademark of Ciba-Geigy

Cotton-Pro is a registered trademark of Griffin Corporation

Direx 4L is a registered trademark of Griffin Corporation

Karmex is a registered trademark of E.I. duPont de Nemours & Co.

Meturon is a registered trademark of Griffin Corporation

Prowl is a registered trademark of American Cyanamid

Trilin is a registered trademark of Griffin Corporation

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