



Canopy[®] HERBICIDE

DISPERSIBLE GRANULE

ACTIVE INGREDIENT: 75%
 Metribuzin [4-Amino-6-[[1,1-dimethylethyl]-3-(methylthio)-1,2,4-triazine-5(4H)-one] 64.3%
 Ethyl 2-[[[4-chloro-6-methoxypyrimidin-2-yl)amino]carbonyl]amino]sulfonate 10.7%
INERT INGREDIENTS 25%
 U.S. Patents 4 346 220 4 394 506 EPA EST. 39926 PR 1
 & 3 905 801 EPA Reg. No. 352-444

KEEP OUT OF REACH OF CHILDREN PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS

CAUTION! HARMFUL IF SWALLOWED
 CAUSES MODERATE
 EYE INJURY.

Avoid breathing dust or spray mist. Avoid contact with skin, eyes and clothing.

In case of contact with eyes, immediately flush with plenty of water. Get medical attention if irritation persists. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse.

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

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.

For medical emergencies involving this product, call toll free 1-800-441-3637.

ENVIRONMENTAL HAZARDS

Do not apply directly to water or wetlands. Do not contaminate water by cleaning of equipment or disposal of wastes.

Net Contents: 5 lb (2270 grams)

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 AGRICULTURAL PRODUCTS DEPARTMENT
 WILMINGTON, DELAWARE

AG-860 8095
 D-021186

ACCEPTED

APR - 3 1986

Under the Federal Insecticide,
 Fungicide, and Rodenticide Act,
 as amended, for the pesticide
 registered under
 EPA Reg. No. 352-444

IMPORTANT

Injury to or loss of desirable trees or vegetation may result from failure to observe the following. Do not apply or drain or flush equipment on or near desirable trees or other plants, or on areas where their roots may extend, or in locations where the chemical may be washed or moved into contact with their roots. Do not use on lawns, walks, driveways, tennis courts or similar areas. Prevent drift of spray to desirable plants. Do not contaminate any body of water. Keep from contact with fertilizers, insecticides, fungicides and seeds during storage.

PRIOR TO USING "CANOPY" HERBICIDE, CONSIDERATION SHOULD BE GIVEN TO CROP ROTATION PLANS. Crops other than soybeans may be extremely sensitive to low concentrations of "Canopy" remaining in the soil the next planting season. Choice of rotation crop is restricted following application of "Canopy". (See "MINIMUM RECROPPING INTERVAL AND ROTATIONAL GUIDELINES".) "Canopy" should not be applied on soils above pH 7.0 except in those states as directed in Section II of "MINIMUM RECROPPING INTERVAL AND ROTATIONAL GUIDELINES" where application can be made to soils with a pH as high as 7.5.

Thoroughly clean all traces of "Canopy" from application equipment immediately after use and prior to spraying crops other than soybeans.

Metribuzin is a chemical which can travel (seep or leach) through soil and can contaminate groundwater which may be used as drinking water. Metribuzin has been found in groundwater as a result of agricultural use. Users are advised not to apply metribuzin where the water table (ground water) is close to the surface and where the soils are very permeable, i.e., well drained soils such as sandy sands. Your local agricultural agencies can provide further information on the type of soil in your area and the location of groundwater.

NOTICE OF WARRANTY

DuPont warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for the purpose stated on such label only when used in accordance with the directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the 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 DuPont. In no case shall DuPont be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks are assumed by the buyer. DUPONT MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS SET FORTH ABOVE.

GENERAL INFORMATION

DuPont "Canopy" Herbicide is a dispersible granule formulation to be mixed with water and sprayed for selective preemergence and preplant incorporated weed control in soybeans. When applied according to the directions

on this label, it will control many broadleaf weeds and provide partial control of nutsedge.

Preemergence applications of "Canopy" require rainfall or sprinkler irrigation to activate the herbicide. Degree of control and duration of effect depend on rate used, weed spectrum, growing conditions at and following time of treatment, soil pH, texture, organic matter, moisture and precipitation.

Because most crops are highly sensitive to "Canopy", all direct or indirect contact (such as spray drift) to crops or to land scheduled to be planted to crops other than soybeans should be avoided.

BIOLOGICAL ACTIVITY

"Canopy" rapidly inhibits the growth of susceptible weeds. Following preplant incorporation or preemergence treatment, susceptible weeds may germinate and emerge, but growth then ceases and leaves become yellow 3-5 days after emergence. Death of leaf tissue and growing point will follow in some species while others will remain green but stunted and noncompetitive. "Canopy" provides partial control of some annual grasses when used preplant or preemergence but other products may be needed to ensure adequate grass control.

DIRECTIONS FOR USE

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

EQUIPMENT — SPRAY VOLUMES

Apply uniformly by ground equipment with a properly calibrated low pressure (20 to 40 psi) fixed-boom sprayer equipped with fan-type nozzles and screens no finer than 50 mesh. Use 10 to 40 gal/s of water per acre.

Continuous agitation in the spray tank is required to keep the material in suspension. Avoid overlap and shut off spray booms while starting, turning, slowing or stopping, as injury to the crop may result.

PREPLANT INCORPORATED USE ON SOYBEANS

"Canopy" should be uniformly incorporated into the top 1-2" of soil prior to planting soybeans. If tank-mixed with a grass herbicide, such as a DNA like "Trellan", or acetanilide such as "Dual" or "Lasso", follow label instructions for incorporation of the grass herbicide. Improper soil incorporation can result in erratic weed control or crop injury.

"Canopy" + "Trellan" or "Dual" — Apply within 2 weeks of planting.

"Canopy" + "Lasso" — Apply within 7 days of planting.

PREEMERGENCE USE ON SOYBEANS

Preemergence application. Apply after planting but before soybeans emerge. Do not spray overlap of emerged soybeans.

Preemergence activity of "Canopy" requires rainfall or irrigation to activate. Best results are obtained if treatment is made to moist soil and followed by rainfall or irrigation (1/2"-1") before weeds germinate. On dry soil more moisture is required for activation (1"-2"). If moisture is insufficient to activate the herbicide, a rotary hoeing or shallow cultivation should be made after emergence of crop while weeds are small enough to be controlled by mechanical means. "Canopy" can be applied preemergence in combination with "Lasso", "Dual", "Prowl", or following the use of a preplant grass material such as "Trellan".

SOYBEANS — MINIMUM TILLAGE OR NO TILL

"Canopy" applied preemergence to soybeans but post-emergence to broadleaf weeds and small annual grasses will provide burndown of existing weeds. When used for burndown add 0.25% surfactant such as Surfactant WK or a quart of crop oil concentrate. For added postemergence control especially on grasses, "Canopy" can be applied with Roundup, paraquat or Bromo. For added post-emergence grass control, "Canopy" can be mixed with

"Dual" or "Lasso". Consult labels for rates and use instructions. Maintain constant agitation of spray mixture.

Apply as Follows:

Soil Texture	Rate (Ounces Per Acre)
(1/2"-5% Organic Matter)	
Coarse. Loamy sand Sandy loam	6-10
Medium. Loam Silty loam Silt	8-12
Fine. Silty clay loam Clay loam Clay	10-14

*Do not apply to soil with less than 1/2% O.M.

Use higher rates on soils with higher organic matter or heavy pressure from large deep germinating weed seeds.

Dosage rates listed are broadcast rates. For band applications use proportionally less.

Plant seed 1 1/2" to 2" deep on a flat or raised seedbed only or crop injury may occur.

Soybean injury may occur if excessive rainfall occurs after application but before soybeans germinate.

Do not apply "Canopy" to soils with pH greater than 7.0 except as directed in Section II of "MINIMUM RECROPPING INTERVAL AND ROTATIONAL GUIDELINES". Soybean varieties such as Altona, Coker 102 and 156, Goven Semmes, Tracy, Vansoy, Terra Vig 505 and 606, AP 71 and NKS 1884 are sensitive to "Canopy". Injury may occur if "Canopy" is used on these varieties. Before use on any soybean variety, tolerance to "Canopy" must first be determined. Injury to soybeans may occur if "Canopy" is used on soils having a calcareous surface layer or pH greater than 7.5, or if used in conjunction with soil-applied organic phosphate pesticides such as "Dasanit", "Disyston", "Mocap", "Nemacur", "Thimet", parathion, "Lorsban" or "Counter".

NOTE: Injury may occur if atrazine was applied on the soil the year before use of "Canopy". Seeding disease, cold weather, deep planting (more than 2"), excessive moisture, high salt concentration or drought may weaken soybean seedlings and increase possibility of crop injury.

Do not apply to Black Belt Soils of Alabama and Mississippi with a soil pH greater than 7.0, as injury may occur.

WEEDS CONTROLLED

The following weeds will be controlled at the above rates both preplant incorporated and preemergence.

cocklebur	morningglory, annual	purslane
Florida beggarweed	nyctal	ragweed, common
hemp sesbania	oncleleaf	ragweed, giant
hophornbeam	prick	shepherd
ironweed	smallflower	shepherd
lambquarters	tail	spotted spurge
	prickly sida (leaved)	sunflower
		velvetleaf

PARTIAL CONTROL

yellow nutsedge	seeding	panicum
purple nutsedge	johnsongrass	signalgrass
crabgrass		broadleaf
loria		

Large seeded weeds, germinating deep in the soil, such as morningglory, sicklepod, cocklebur and giant ragweed or weeds with subsequent flushes may require a cultivation or an application of a postemergence herbicide for season long control.

NOTE: Consult "Lasso", "Dual", "Prowl" or "Trellan" labels for additional weeds controlled when "Canopy" is used in conjunction with these herbicides.

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SPRAY TANK PREPARATION

Fill tank 1/4 full with water. Start agitation system, add "Canopy" and continue adding water. Add separately each additional component of any tank mix while adding water. Continue agitation throughout. If poor mixing should occur with any component, premix the component with two parts water before adding to spray tank.

A fertilizer solution may be used in the spray mixture. Small quantities should be tested for compatibility by the following procedures before full scale mixing.

1. Put 1 pint of fertilizer solution in a quart jar.
2. Mix 2 teaspoons "Canopy" with 2 tablespoons of water, mix thoroughly and add to fertilizer solution.
3. Close jar and shake well.
4. If other herbicides are used in the mixture, premix 2 teaspoons of wettable powders to 1 teaspoon of liquids with 2 tablespoons of water, add to "Canopy" fertilizer solution mixture.
5. Close jar and shake well.
6. Watch mixture for several seconds, check again in 30 minutes.
7. If mixture does not separate, foam, gel, or become lumpy, it may be used.
8. Mixing ability may be improved by adding compatibility agents such as Kato Laboratories "Complex" or Witco Chemicals "Sponto" 168D. Follow directions on container.

Provided the above procedure shows the mixture to be compatible, prepare the tank mixture as follows. Add the fertilizer solution to the spray tank first, with the agitator running, add the required amount of "Canopy" and thoroughly mix. For tank mixtures with other herbicides, follow directions above. When tank mixing with other herbicides, all applicable directions, restrictions and precautions for the additional herbicides are also to be followed.

Use "Canopy" spray preparation the same day as mixed or product degradation may occur. Thoroughly reagitator before using if allowed to settle.

MINIMUM RECROPPING INTERVAL AND ROTATIONAL GUIDELINES

Crops that can be planted after using "Canopy" are listed below. Choice of rotational crop is determined by geographical location (state), soil pH and time interval elapsed since last application.

Section I — Southern States

States	Soil pH 7.0 or Less	Time Interval before Replanting				
		Before 4 Months	After 4 Months	After 10 Months	After 18 Months	After 30 Months
Alabama Arkansas Florida Georgia Louisiana Mississippi Texas	All Rates	soybeans	soybeans wheat barley	soybeans wheat barley corn cotton sorghum	soybeans wheat barley corn cotton peanuts sorghum rice	Field Bioassay* for all other crops

Section II — High pH — Southern States

States	Soil pH 7.1 to 7.5	Interval before Replanting			
		Before 4 Months	After 4 Months	After 18 Months	After 30 Months
Alabama Arkansas Florida Georgia Louisiana Mississippi Texas	All Rates	soybeans	soybeans wheat barley	soybeans wheat barley corn cotton peanuts sorghum rice	Field Bioassay* for all other crops

Section III

States	Soil pH 7.0 or Less	Time Interval before Replanting			
		Before 4 Months	After 4 Months	After 18 Months	After 30 Months
All other states	All Rates	soybeans	soybeans wheat barley	soybeans wheat barley corn cotton peanuts sorghum	Field Bioassay* for all other crops

FIELD BIOASSAY — The season before planting any crop not listed above, a successful field bioassay must be completed. The field bioassay will detect small quantities of "Canopy" which can remain in the soil and injure rotational crops. A successful field bioassay means growing to maturity a test strip of the crop(s) intended for production the following year. The test strip should cross the whole field including knolls and low areas.

COMBINATION TREATMENT: When recommended tank mix combinations are used, consult the product label for planting and recropping instructions and observe the directions that are the most restrictive.

SPRAYER CLEANUP

To avoid subsequent injury to crops other than soybeans, immediately after spraying and prior to spraying other crops, thoroughly remove all traces of "Canopy" from mixing and spray equipment. For more information, consult supplemental bulletin on sprayer cleanup following use of DuPont Classic®, "Canopy" or Gemini™ Herbicides.

PRECAUTIONS

Do not apply "Canopy" Herbicide to soils with a pH greater than 7.0 except in those states as directed in Section II of "MINIMUM RECROPPING INTERVAL AND ROTATIONAL GUIDELINES" where applications can be made to soils with a pH as high as 7.5.

CAUTION: Soil pH varies greatly even within the same field. pH variations as much as 2 pH units are common when soil has a calcareous sub soil. Determine soil pH by laboratory analysis using a 1:1 soil water suspension.

Do not graze treated fields or harvest for forage or hay.

Use of "Canopy" may affect rotational crops. Follow "MINIMUM RECROPPING INTERVAL AND ROTATIONAL GUIDELINES".

Do not use on sand, muck or peat soils, nor on soils with less than 1/2% organic matter as crop injury may occur.

Do not apply "Canopy" after the soybean crop has emerged.

Do not apply to Black Belt Soils of Alabama and Mississippi with soil pH greater than 7.0 as injury may occur.

If "Scepter" herbicide is used the same year as "Canopy", do not recrop except to soybeans within 18 months of the last herbicide application or recrop injury may occur.

NOTICE TO BUYER: Purchase of this material does not confer any rights under patents of countries outside of the United States.

STORAGE AND DISPOSAL

STORAGE: Store product in original container only, away from other pesticides, fertilizer, food or feed.

DISPOSAL: Do not contaminate water, food or feed by storage or 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.

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