

LASSO[®] II
HERBICIDE BY MONSANTO

POWER
GRANULES

Selective herbicide for preemergence weed control in corn, soybeans, peanuts and woody ornamentals.

RESTRICTED USE PESTICIDE
due to oncogenicity. 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.

The use of this product may be hazardous to your health. This product contains alachlor, which has been determined to cause tumors in laboratory animals.

In case of an emergency involving this product or for user safety information on this product, call collect, day or night (314) 694-4000.

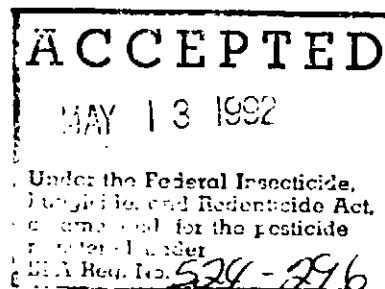
COMPLETE DIRECTIONS FOR USE

EPA Reg. No. 524-296

~~1991-1~~ 1992-1

A843.77-000.40/53

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®Lasso is a registered trademark of Monsanto Company

April 29, 1992

Read the entire label before using this product.

Use only according to label instructions.

Read "LIMIT OF WARRANTY AND LIABILITY" before buying or using. If terms are not acceptable, return at once unopened.

LIMIT OF WARRANTY AND LIABILITY

This Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes set forth in the Complete Directions for Use label booklet ("Directions") when used in accordance with those Directions under the conditions described therein. NO OTHER EXPRESS WARRANTY OR IMPLIED WARRANTY OF FITNESS FOR PARTICULAR PURPOSE OF MERCHANTABILITY IS MADE. This warranty is also subject to the conditions and limitations stated herein.

Buyer and all users shall promptly notify this Company of any claims whether based in contract, negligence, strict liability, other tort or otherwise.

Buyer and all users are responsible for all loss or damage from use or handling which results from conditions beyond the control of this Company, including, but not limited to, incompatibility with products other than those set forth in the Directions, unusual weather, weather conditions which are outside the range considered normal at the application site and for the time period when the product is applied, as well as weather conditions which are outside the application ranges set forth in the Directions, application in any manner not explicitly set forth in the Directions, moisture conditions outside the moisture range specified in the Directions, or the presence of products other than those set forth in the Directions in or on the soil, crop or treated vegetation.

THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE LIMIT OF THE LIABILITY OF THIS COMPANY OR ANY OTHER SELLER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT (INCLUDING CLAIMS BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY, OTHER TORT OR OTHERWISE) SHALL BE THE PURCHASE PRICE PAID BY THE USER OR BUYER FOR THE QUANTITY OF THIS PRODUCT INVOLVED, OR, AT THE ELECTION OF THIS COMPANY OR ANY OTHER SELLER, THE REPLACEMENT OF SUCH QUANTITY, OR, IF NOT ACQUIRED BY PURCHASE, REPLACEMENT OF SUCH QUANTITY. IN NO EVENT SHALL THIS COMPANY OR ANY OTHER SELLER BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES.

Buyer and all users are deemed to have accepted the terms of this LIMIT OF WARRANTY AND LIABILITY which may not be varied by any verbal or written agreement.

PRECAUTIONARY STATEMENTS

Hazards to Humans
and Domestic Animals

Keep out of reach of children.

WARNING!

CAUSES EYE IRRITATION.

MAY CAUSE RESPIRATORY TRACT IRRITATION.

MAY CAUSE ALLERGIC SKIN REACTION.

Do not get in eyes, on skin or on clothing.

Avoid breathing dust.

Wash thoroughly with soap and water after handling.

Wear goggles or face shield, rubber gloves, long trousers, long sleeved shirt or jacket of tightly woven material along with boots high enough to cover ankles when loading and when adjusting, repairing or cleaning equipment. Clothing which comes in contact with Lasso must be washed before reuse.

FIRST AID: IF IN EYES, immediately flush with plenty of water for at least 15 minutes. ~~Get medical attention~~ Call a physician immediately.

IF ON SKIN, immediately flush with plenty of water while removing contaminated clothing. As soon as soap is available, wash thoroughly with soap and water. Wash clothing before reuse. Sensitized persons should avoid further contact and reuse of contaminated clothing. Get medical attention.

IF INHALED, remove individual to fresh air. Get medical attention if breathing difficulty develops.

In case of emergency involving this product,

Call Collect, day or night, (314) 694-4000.

Environmental Hazards

This chemical has been identified in limited ground water sampling and there is the possibility that it can leach through the soil to ground water, especially where soils are coarse and ground water is near the surface. Following application, and during rainfall events that cause runoff, this chemical may reach surface water bodies including streams, rivers and reservoirs.

~~Do not apply directly to water or wetlands.~~ Do not contaminate water when disposing of equipment washwaters. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark.

ACTIVE INGREDIENT:

Alachlor: 2-chloro-2',6'-diethyl-N-(methoxymethyl)acetanilide.....15%
INERT INGREDIENTS......85%
100%

Contains petroleum distillates.

DIRECTIONS FOR USE

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

Storage and Disposal

Do not contaminate water, foodstuffs, seed or feed by storage or disposal.

STORAGE:

Below 32°F this product can cake. If product cakes, place in warm, dry area until product uncakes.

DISPOSAL:

Wastes resulting from the use of this product that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticide disposal or in accordance with applicable Federal, state or local procedures. Emptied container retains vapor and product residue. Observe all labeled safeguards until container is cleaned or destroyed.

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

~~This product is recommended for preemergence control of most annual grasses and certain broadleaf weeds. It should be applied to the soil surface prior to crop or weed emergence. The soil surface should be freshly worked and free of weed growth. The seed bed should be fine, firm and free of clods and trash.~~

~~Better results are obtained when moisture occurs within one week after application. High intensity or excessive rainfall, or excessive irrigation, after application may reduce control.~~

~~Use of this product not consistent with this label may result in injury to persons, animals or crops, or other unintended consequences. Keep bag closed to prevent spills and contamination.~~

GENERAL INFORMATION

This product is recommended for control of yellow nutsedge and the annual grasses and broadleaf weeds listed in the "WEEDS CONTROLLED" section of this label. This product may be applied either as a surface application prior to or after planting or shallowly incorporated prior to planting to blend the herbicide treatment into the upper 1/2 to 2 inches of soil. Except for minimum or conservation tillage systems, the seedbed should be fine, firm and free of clods and trash.

Performance is improved when moisture occurs within one week after application. The amount required depends primarily upon the amount of soil moisture in the weed germination zone at the time of application, soil type and organic matter content, but 1/3 to 3/4 inch is generally sufficient for performance of this product. High intensity or excessive rainfall or excessive irrigation after application may reduce control. This product will not control emerged seedlings.

Use of this product not consistent with this label may result in injury to persons, animals or crops or other unintended consequences. Keep container closed to prevent spills and contamination.

SOIL TEXTURE

Applicators should evaluate soil and weed conditions carefully to assure that they choose the lowest effective label rate.

The recommended use rates of this product generally vary with soil texture. Unless soil texture is specifically named, rate tables

throughout this label refer to only three soil textural groups: coarse, medium and fine. The following is a listing of the soil textures included in each of these three soil textural groups:

SOIL TEXTURAL GROUP	SOIL TEXTURE
COARSE:	sand, loamy sand, sandy loam
MEDIUM:	loam, silt loam, silt, sandy clay loam
FINE:	silty clay loam, clay loam, sandy clay, silty clay, clay

Refer to the above table to determine the corresponding soil textural group for the soil to be treated.

DO NOT BAND apply this product on COARSE textured soils.

**APPLICATION EQUIPMENT,
CALIBRATION AND HANDLING
INSTRUCTIONS**

NOTE

Direct contact or exposure to this product should be minimized. The following instructions for loading and repairing equipment should be followed in order to minimize this exposure. Review the protective clothing requirements as listed in the Precautionary Statements section of this label and do not use this product until you have the necessary protective clothing.

Equipment Cleaning and Repair

Cleaning and repair of application equipment is a source of exposure to this product. Care should be taken to minimize exposure during cleaning and repair of application equipment. Whenever possible, this equipment should be rinsed before being cleaned or repaired. When repairs must be made during application, the equipment should be shutdown, and special care should be taken to avoid contact with the pesticide.

**APPLICATION INFORMATION
APPLICATION SYSTEMS**

Ground Broadcast Treatment--Apply the recommended rates of this product per acre. Use broadcast applicators that can apply small amounts of these granules evenly.

Band Treatment (Behind Press Wheel only)--Use applicators designed for this purpose. Calculate the amount of granules per acre needed for band treatment as follows:

$$\frac{\text{Band width in inches}}{\text{Row width in inches}} \times \text{Broadcast Rate per acre} = \text{Band Rate per acre}$$

For example: If 26 pounds per acre are recommended for broadcast treatment and you wish to treat a band of 14 inches wide in crop rows spaced 38 inches apart:

$$\frac{14}{38} \times 26 = 9.6 \text{ pounds of granules needed for the band treatment}$$

NOTE: For application of this product do not rely on settings used for other granular herbicides.

Calibration--The following settings are only guidelines for calibration, they do not allow for equipment variation or wear. Check settings after initial calibration so that the proper rate is applied.

APPLICATOR	GRANULAR APPLICATOR SETTING			
	Broadcast Rate Per Acre		Broadcast Rate Per Acre	
	4 mph	5 mph	4 mph	5 mph
Allis Chalmers	2	2	3	3
Gandy (bolt-on)	12	13	13	15
(snap-on)	12	13	14	15
I.H. before 1931	1/9	2/2	2/2	2/6
1981 -- 1 gauge/hopper	1/9	2/1	2/1	2/4
2 gauges/hopper	2/0	2/2	2/2	2/6
John Deere --				
metal hopper	1/27	1/31	1/31	2/1
plastic hopper,				
-10, 20 etc. gauge increment	13	15	15	19
-5, 15 etc. gauge increment	11	13	13	15
Knob meter	18	21	21	27
Noble-hopper				
bottom hole	10	13	13	15
Noble and White-				
bottom hole	7	8	9	10

Buffalo				
Fluted-row feed	2.0	2.0	2.5	2.5
Plateless planter	8	10	10	13

GRANULAR APPLICATOR SETTING

APPLICATOR	Broadcast Rate Per Acre			
	23 Pounds		26 Pounds	
	4 mph	5 mph	4 mph	5 mph
Allis Chalmers	4	4	4	4
Gandy (bolt-on)	14	17	16	18
(snap-on)	15	16	16	17
I.H. before 1981	2/4	2/9	2/6	3/5
1981 -- 1 gauge/hopper	2/3	2/6	2/5	2/8
2 gauges/hopper	2/4	2/8	2/6	3/1
John Deere --				
metal hopper	1/33	2/4	2/2	2/6
plastic hopper,				
-10, 20 etc. gauge increment	17	21	19	24
-5, 15 etc. gauge increment	14	16	15	17
Knob meter	25	31	28	35
Noble-hopper				
bottom hole	14	17	16	19
Noble and White-				
bottom hole	10	12	11	13
Buffalo				
Fluted-row feed	3.0	3.0	3.5	3.5
Plateless planter	12	15	13	18

It is important that the applicator be calibrated properly to deliver the desired amount of this product. To calibrate, set the applicator and attach a bag over the spreader plate or remove the delivery tube and attach a plastic nursing bottle over the spout. Operate at a constant speed on terrain to be planted. Four to 5 mph is suggested. For a 14-inch band, collect the granules for 500 linear feet (583 sq. ft. area) and measure the VOLUME or WEIGHT collected. Tap plastic nursing bottle or other measuring container gently to settle the granules when taking a reading.

Refer to the following table to determine the broadcast rate per acre for the amount collected. If necessary adjust the application equipment so that each spout dispenses the proper amount.

Broadcast Rate Per Acre	Volume Collected in 500 linear feet for a 14 inch band	Weight Collected in 500 linear feet for a 14 inch band
16 lb.	4.4 fl. oz.	3.4 oz.
20 lb.	5.6 fl. oz.	4.3 oz.
23 lb.	6.4 fl. oz.	4.9 oz.
26 lb.	7.2 fl. oz.	5.6 oz.

For other band widths calculate the calibration distance as follows:

$$\frac{14 \text{ inches}}{\text{Band width in inches}} \times 500 = \text{Calibration distance in linear feet.}$$

APPLICATION TIMING AND METHODS

Preemergence Surface Application - This product may be applied to the soil surface after planting and prior to either crop or weed emergence. Apply within 5 days of last preplant tillage. If weeds emerge after treatment, or if treatment is applied more than 5 days after last preplant tillage, rotary hoe or shallowly cultivate immediately to improve performance. Precipitation or overhead sprinkler irrigation is required after application to move the herbicide treatment into the weed germination zone. The amount of precipitation or overhead sprinkler irrigation required depends on existing soil moisture, soil type and percent organic matter content, but 1/3 to 3/4 inch is normally adequate. Performance is improved when moisture is received with 7 days after application and prior to weed emergence. High intensity or excessive rainfall or excessive irrigation after application may reduce control.

CULTIVATION INFORMATION

If grass or weed seedlings emerge before it rains, rotary hoeing will improve performance.

If cultivation is necessary because of soil crusting or compaction, tillage should be shallow to minimize dilution of this herbicide.

Except for the above, as long as the grasses and weeds are controlled, delay cultivation as long as possible.

Only after weeds emerge in the treated band, set cultivator to throw soil into the row covering the band. On peanuts, do not throw soil into the row.

WEED-CONTROL
WEEDS CONTROLLED

Applicators should evaluate soil and weed conditions carefully to assure that they choose the lowest effective label rate.

When applied as directed under the conditions described, this product CONTROLS the following weeds:

ANNUAL GRASSES

Barnyardgrass

Echinochloa crus-galli

Crabgrass

Digitaria ischaemum

Digitaria sanguinalis

Foxtail, robust

Setaria viridis

Foxtail, giant

Setaria faberi

Foxtail, green

Setaria viridis

Foxtail, yellow

Setaria lutescens

Goosegrass

Eleusine indica

Panicum, browntop

Panicum fasciculatum

Panicum, fall

Panicum dichotomifloru

Signalgrass, broadleaf

Brachiaria spp.

Sprangletop, red

Leptochloa filiformis

Witchgrass

Panicum capillare

ANNUAL BROADLEAVES

Carpetweed

Mollugo verticillata

Galinsoga

Galinsoga spp.

Groundcherry, cutleaf¹

Physalis angulata

[[Nightshade, black¹

Solanum nigrum]]

Nightshade, hairy¹

Solanum sarrachoides

Pigweed, Carelessweed

Amaranthus spp.

Purslane

Portulaca oleracea

Pursley, Florida

Richardia scarbria

Waterhemp

Amaranthus tuberculatos

¹Use a minimum of 17 pounds of this product per acre on coarse soils, or 20 to 26 pounds of this product on medium and fine soils for control of this weed.

When applied immediately after planting, under the conditions described, this product at a rate of 16 17 to 26 pounds per acre on a broadcast basis REDUCES COMPETITION from the following hard-to-control weeds:

ANNUAL GRASSES

Cupgrass, wolly

Eriochloa villosa

Johnsongrass, seeding

Sorghum halepense

Panicum, Texas

Panicum texanum

Sandbur, Grasebur

Cenchrus incertus

Shattercane, wild cane
Sorghum bicolor

ANNUAL BROADLEAVES

Beggarweed, Florida
Desmodium tortuosum

Lambsquarters
Chenopodium album

Morningglory, smallflower
Jacquemontia tamnifolia

Ragweed, common
Ambrosia artemisiifolia

Smartweed
Polygonum pensylvanicum
Polygonum persicaria

Sida, spiny; Teaweed
Sida spinosa

Starbur, bristly
Acanthospermum hispidum

SEDGES

Nutsedge, yellow
Cyperus esculentus

~~This product WILL NOT CONTROL rhizome Bermudagrass, field bindweed, bull nettle, Canada chistle, rhizome Johnsongrass, morningglory and quackgrass.~~

~~FIELD CORN, HYBRID SEED CORN,
SILAGE CORN, SWEET CORN
AND SOYBEANS.~~

CORN
(Field corn, Hybrid Seed Corn, Silage Corn, Sweet Corn)

When making applications on corn, do not exceed a total of 26 pounds of this product per acre per year.

LASSO® II

Apply this product for control of yellow nutsedge and the annual grasses and broadleaf weeds listed in the "WEEDS CONTROLLED" section of this label.

APPROVED APPLICATION SYSTEMS

Ground - Broadcast boom; banded

Reference: The "APPLICATION SYSTEMS" section of this label provides information on the application of this tank mixture using the system selected.

APPROVED APPLICATION METHOD

Preemergence Surface - Apply this tank mixture after planting, before crop and weed emergence and within 5 days after last preplant tillage operation. See the following tables for recommended broadcast and banded rates per acre for preemergence surface applications.

Reference: The "APPLICATION TIMING AND METHODS" section of this label provides detailed information and procedures for the application timing and method selected.

Applicators should evaluate soil and weed conditions carefully to assure that they choose the lowest effective label rate.

For control of listed annual grasses and broadleaf weeds apply after planting and before crop or weeds emerge. For band treatment apply granules behind the press wheel. See table below for recommended rates on various soil textures.

	BROADCAST RATE PER ACRE	
	Less than 3%	More than 3%
SOIL TEXTURE	organic matter	organic matter

MEDIUM		
Loams	16 lb	20 lb
HEAVY		
Silty Clay Loam thru Clay	20 lb	26 lb

Surface Application Rates

SOIL TEXTURAL GROUP*	BROADCAST RATE PER ACRE (POUNDS)**	
	Less than 3% organic matter	3% or more organic matter
Coarse***	13 to 15	13 to 15
Medium	13 to 18	13 to 18
Fine	13 to 18	17 to 22

*Refer to the "SOIL TEXTURE" section of this label to determine the corresponding soil textural group for the soil to be treated.

**Use the higher rate in the recommended range in areas of heavy weed infestations. Use a minimum of 17 pounds per acre on coarse soils and 20 to 26 pounds on medium and fine soils to control black or hairy nightshade.

***When applied under sprinkler irrigation on coarse soils, use a minimum of 20 pounds per acre of this product.

For Lister or Deep Furrow Planted Corn

Broadcast Treatment--Apply at the rate of 16 pounds per acre.

Band Treatment (Behind Press Wheel)--For a 10 inch band treatment over the row (40 inch spacing) apply 4 pounds per acre. For a 7 inch band treatment over the row (40 inch spacing), apply 2.8 pounds per acre.

If heavy rains follow application, weed control on the top and sides of the furrow may not be as good as that obtained in the bottom of the furrow.

Where deep lister planting is practiced, only partial weed control can be expected on steep furrow sides. It is suggested that a 7 inch band be applied at the bottom of the furrow. Better results can be expected where the granules lie on an even flat surface which is not subject to shifting by wind or rain.

For Furrow Irrigated Corn and Soybeans

This product must be incorporated into the soil by harrow, finger weeder or rotary hoe. Shallow incorporation of at least 1/2 inch but not more than 2 inches may result in unsatisfactory weed control. Incorporation deeper than 2 inches may result in unsatisfactory weed control. Incorporation depth must be kept above the seed. Soil moisture at application must be sufficient for crop and weed emergence. Irrigation within 10 days following planting may improve weed control. See the table above for recommended rates.

SOYBEANS

When making applications on soybeans, do not exceed a total of 20 pounds of this product per acre per year.

LASSO® II

Do not feed forage, hay or straw from soybeans treated with this product. Do not ensile soybeans treated with this product.

Apply this product for control of yellow nutsedge and the annual grasses and broadleaf weeds listed in the "WEEDS CONTROLLED" section of this label.

APPROVED APPLICATION SYSTEMS

Ground-Broadcast boom; banded

Reference: The "APPLICATION SYSTEMS" section of this label provides detailed information on the application of this product using the system selected.

APPROVED APPLICATION METHODS

Preemergence Surface—Apply this product after planting before crop and weed emergence and within 5 days after last preplant tillage operation.

NOTE: The highest levels of weed control will be obtained when applications are made prior to the emergence of the crop and weeds.

Weeds which are emerged at time of application are not controlled by this product. If weeds are emerged at application shallowly cultivate or rotary hoe immediately to improve performance.

Reference: The "APPLICATION TIMING AND METHODS" section of this label provides detailed information and procedures for the application timing and methods selected.

RECOMMENDED RATES: Refer to the following tables for the recommended broadcast treatment rates for this product. Applications which are not consistent with recommendations in this label may result in unsatisfactory weed control or crop injury.

Surface Application Rates

SOIL TEXTURAL GROUP*	BROADCAST RATE PER ACRE (POUNDS)**	
	Less than 3% organic matter	3% or more organic matter
Coarse***	13 to 15	13 to 15
Medium	13 to 18	13 to 18
Fine	13 to 18	17 to 20

*Refer to the "SOIL TEXTURE" section of this label to determine the corresponding soil textural group for the soil to be treated.

**Use the higher rate in the recommended range in areas of heavy weed infestations. Use a minimum of 17 pounds per acre on coarse soils and 20 pounds on medium and fine soils to control black or hairy nightshade.

***When applied under sprinkler irrigation on coarse soils, use 20 pounds per acre of this product.

For Furrow Irrigated Soybeans

This product must be incorporated into the soil by harrow, finger weeder or rotary hoe. Shallow incorporation of at least 1/2 inch but not more than 2 inches may result in unsatisfactory weed control. Incorporation deeper than 2 inches may result in unsatisfactory weed control. Incorporation depth must be kept above the seed. Soil moisture at application must be sufficient for crop and weed emergence. Irrigation within 10 days following planting may improve weed control. See the table above for recommended rates.

PEANUTS

Broadcast--Apply 20 pounds of this product per acre, from immediately after planting and until either crop or weeds emerge. NOTE: Hard-to-control weeds require 23 to 26 pounds per acre.

NOTE: Do not use ~~treated forage for animal fodder~~. feed forage or hay from treated crop.

WOODY ORNAMENTALS

Field and Liner Grown Ornamentals

Use in **Cotoneaster** (Cotoneaster spp.), **Crabapple** (Malus spp.), **Dogwood** (Cornus spp.), **Euonymus** (Euonymus spp. shrub spp. only), **Holly** (Ilex spp.), **Juniper** (Juniperus spp.) and **Yew** (Taxus spp.).

Container Grown Ornamentals

Use in **Holly** (Ilex spp.) and **Juniper** (Juniperus spp.).

DO NOT USE IN GREENHOUSES OR OTHER ENCLOSED STRUCTURES.

NOT RECOMMENDED FOR DOMESTIC APPLICATION, EXCEPT BY CERTIFIED APPLICATORS.

When applied as directed under the conditions described, this product controls the weeds listed on this label in newly planted or established field and container grown woody ornamentals.

DO NOT USE THIS PRODUCT ON SEEDBEDS, UNROOTED CUTTINGS OR PRIOR TO TRANSPLANTING. DO NOT APPLY THIS PRODUCT TO PLANTS WHOSE FOLIAGE IS MOIST OR WET AS GRANULES MAY STICK TO THIS FOLIAGE AND CROP INJURY MAY RESULT. OVERHEAD IRRIGATION APPLIED WITHIN ONE HOUR AFTER APPLICATION WILL WASH GRANULES OFF THE FOLIAGE AND INJURY WILL BE MINIMIZED.

Broadcast Treatment--Apply this product at a broadcast rate of 27 pounds per acre anytime after transplanting and before weeds emerge or after existing weeds have been removed. See the "WEED CONTROL" and "CULTIVATION INFORMATION" sections of this label for further information. Repeat applications of this product may be required for sustained long-term weed control. Do not exceed ~~three~~ ~~(3)~~ ~~applications~~ 2 applications or a total of 40 pounds of this product per year.

NOTE: Plant injury symptoms (leaf tip burn, discoloration, distortion, etc.) may occur with applications of this product to actively growing woody ornamentals. Do not retreat within twenty-one (21) days.

In case of an emergency involving this product,
Call Collect, day or night, (314) 694-4000.

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MONSANTO COMPANY ° AGRICULTURAL PRODUCTS
ST. LOUIS, MISSOURI 63167 U.S.A.

April 29, 1992

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CropStar® GB
Herbicide By Monsanto

Selective herbicide for preemergence weed control in corn and soybeans.

RESTRICTED USE PESTICIDE

due to oncogenicity. For retail sale to and use only by Certified Applicators or person under their direct supervision and only for those uses covered by the Certified Applicator's certification.

The use of this product may be hazardous to your health. This product contains alachlor, which has been determined to cause tumors in laboratory animals.

In case of emergency involving this product, or for user safety information on this product, Call Collect, day or night (314) 694-4000.

COMPLETE DIRECTIONS FOR USE.

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REFORMULATION OR REPACKAGING IS PROHIBITED.

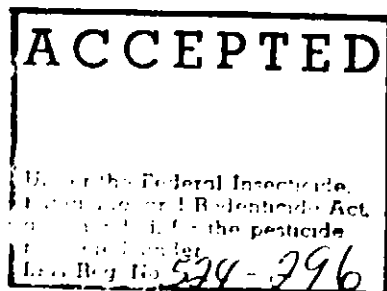
LIMIT OF WARRANTY AND LIABILITY

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CropStar® GB

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February 7, 1992



Buyer and all users shall promptly notify this Company of any claims whether based in contract, negligence, strict liability, other tort or otherwise.

Buyer and all users are responsible for all loss or damage from use or handling which results from conditions beyond the control of this Company, including, but not limited to, incompatibility with products other than those set forth in the Directions, unusual weather, weather conditions which are outside the range considered normal at the application site and for the time period when the product is applied, as well as weather conditions which are outside the application ranges set forth in the Directions, application in any manner not explicitly set forth in the Directions, moisture conditions outside the moisture range specified in the Directions, or the presence of products other than those set forth in the Directions in or on the soil, crop or treated vegetation.

THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE LIMIT OF THE LIABILITY OF THIS COMPANY OR ANY OTHER SELLER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT (INCLUDING CLAIMS BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY, OTHER TORT OR OTHERWISE) SHALL BE THE PURCHASE PRICE PAID BY THE USER OR BUYER FOR THE QUANTITY OF THIS PRODUCT INVOLVED, OR, AT THE ELECTION OF THIS COMPANY OR ANY OTHER SELLER, THE REPLACEMENT OF SUCH QUANTITY, OR, IF NOT ACQUIRED BY PURCHASE, REPLACEMENT OF SUCH QUANTITY. IN NO EVENT SHALL THIS COMPANY OR ANY OTHER SELLER BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES.

Buyer and all users are deemed to have accepted the terms of this LIMIT OF WARRANTY AND LIABILITY which may not be varied by any verbal or written agreement.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

Keep out of reach of children.

WARNING!

CAUSES EYE IRRITATION.

MAY CAUSE RESPIRATORY TRACT IRRITATION.

MAY CAUSE ALLERGIC SKIN REACTION.

Do not get in eyes, on skin or on clothing.

Avoid breathing dust.

Wear goggles or face shield, rubber gloves, long trousers, long sleeved shirt or jacket of tightly woven material along with boots high enough to cover ankles when transferring and mixing, and when adjusting, repairing or cleaning equipment. Clothing

which comes in contact with this product must be washed before use.

oroughly with soap and water after handling.

F. FIRST AID: IF IN EYES, immediately flush with plenty of water for at least 15 minutes. Get medical attention.

IF ON SKIN, immediately flush with plenty of water while removing contaminated clothing. As soon as soap is available, wash skin thoroughly with soap and water. Wash clothing before reuse. Sensitized persons should avoid further contact and reuse of contaminated clothing. Get medical attention.

IF INHALED, remove individual to fresh air. Get medical attention if breathing difficulty develops.

In case of emergency involving this product,
Call Collect, day or night (314)694-4000.

Environmental Hazards

This chemical has been identified in limited ground water sampling and there is the possibility that it can leach through the soil to ground water, especially where soils are coarse and ground water is near the surface. Following application, and during rainfall events that cause runoff, the chemical may reach surface water bodies including streams, rivers and reservoirs.

Do not apply directly to water or wetlands, 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.

Physical or Chemical Hazards

Use and handle only with adequate ventilation.

In case of:

SPILL or LEAK, collect solid material, remove and keep away from human and domestic animals.

ACTIVE INGREDIENTS:

Alachlor, 2-chloro-2',6'diethyl-

N-(methoxymethyl)acetanilide.....	15%
INERT INGREDIENTS:.....	85%
	100%

Contains petroleum distillates

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

Do not contaminate water, foodstuffs, feed or seed by storage or disposal.

STORAGE:

Below 32°F this product can cake. ~~up~~. If product cakes ~~up~~, place in a warm, ~~dry~~ area until product uncakes.

DISPOSAL:

Wastes resulting from the use of this product that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticide disposal or in accordance with applicable Federal, state or local procedures.

Emptied sack retains vapor and product residue. Observe all labeled safeguards until container is cleaned, reconditioned or destroyed.

Completely empty sack into transfer or application equipment. Do not reuse container. Return emptied container per the Monsanto container return program. If not returned, dispose of empty sack 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

The product is recommended for control of yellow nutsedge and the annual grasses and broadleaf weeds listed in the "WEEDS CONTROLLED" section of this label. This product may be applied either as a surface application ~~prior to~~ before or after planting or shallowly incorporated prior to planting to blend the herbicide treatment into the upper 1 to 2 inches of soil. ~~Except for minimum or conservation tillage systems,~~ The seedbed should be fine, firm and free of clods and trash ~~when tillage is performed.~~

~~Performance is improved when moisture occurs within one week after application. The amount required depends primarily upon the amount of soil moisture in the weed germination zone at the time of application, soil type and organic matter content, but 1/3 to 3/4 inch is generally sufficient for performance of this product. High intensity or excessive rainfall or excessive irrigation~~

~~after application may reduce control. This product will not control emerged seedlings.~~

Do not apply when conditions favor drift.

Read and carefully observe precautionary statements and all other information appearing on the labeling of all products used in sequential treatments.

Do not flood irrigate following application of this product. This product will not control emerged seedlings.

Use this product not consistent with this label may result in injury to persons, animals or crops, or other unintended consequences. Keep sack closed to prevent spills and contamination.

SOIL TEXTURE

Applicators should evaluate soil and weed conditions carefully to assure that they choose the lowest effective label rate.

The recommended use rates of this product generally vary with soil texture. Unless soil texture is specifically named, rate tables throughout this label refer to only three soil textural groups: coarse, medium and fine. The following is a listing of the soil textures included in each of these three soil textural groups:

SOIL TEXTURAL GROUP	SOIL TEXTURE
COARSE:	sand, loamy sand, sandy loam
MEDIUM:	loam, silt loam, silt, sandy clay loam
FINE:	silty clay loam, clay loam, sandy clay, silty clay, clay

Refer to the above table to determine the corresponding soil textural group for the soil to be treated.

CALIBRATION AND HANDLING INSTRUCTIONS NOTE

Direct contact or exposure to this product should be minimized. The following instructions for transfer, application, cleaning or repairing equipment should be followed in order to minimize this exposure. Review the protective clothing requirements as listed in the Precautionary Statements section of this label (front

panel) and do not use this product until you have the necessary protective clothing.

Calibration—It is important that the pneumatic (air flow) applicator be properly calibrated to deliver the desired amount of this product. An applicator that has not been properly calibrated may result in unsatisfactory weed control or crop injury. For specific guidelines on calibrating your pneumatic applicator contact your pneumatic applicator manufacturer.

1000 Pound Containers

Open pouring from these containers can result in exposure from dust and is not recommended. This product should be transferred from these containers to the tender unit or pneumatic (air flow) applicator using only Monsanto authorized transfer systems. The transfer system should not be removed from the container or disconnected until the container is emptied. Contact Monsanto Company regarding recommended equipment.

Equipment Cleaning and Repair

Cleaning and repair of transfer systems and application equipment is a source of exposure to this product. Care should be taken to minimize exposure during cleaning and repair of transfer systems and application equipment. Whenever possible, these systems or equipment should be rinsed before being cleaned or repaired. When repairs must be made during transfer for application, the equipment should be shutdown and special care should be taken to avoid contact with the pesticide.

APPLICATION INFORMATION APPLICATION SYSTEMS

Ground Broadcast Treatment—Apply the recommended rate per acre of this product alone or with dry bulk fertilizer blended on-board a pneumatic (air flow) applicator. Use broadcast applicators that can apply this product evenly. Do not apply this product during periods of gusty winds or winds in excess of 15 MPH.

Application with Dry Bulk Fertilizer—The herbicide-fertilizer On-Board blending process (Granu-Blend®) must be completed only by commercial fertilizer or chemical dealerships properly equipped for this procedure. Contact Monsanto Company for additional information regarding recommended equipment and methods for Granu-Blend application.

Dry bulk fertilizer may be blended with this product for use in corn and soybeans. This product, when applied with dry bulk fertilizer, must be shallowly incorporated within 7 days prior to

planting. On medium and fine textured soils, in areas where soil incorporation is not planned, i.e., reduced tillage situations or in some conventional till situations, applications can be made up to 30 days before planting to allow moisture to move the herbicide-fertilizer mixture into the soil. On coarse textured soils, applications can be made up to 14 days prior to planting. This product must be applied as recommended in this label for the crop, weed and soil type treated. Refer to the table for broadcast rate per acre in the "Early Preplant Surface, Preplant Incorporated or Preemergence Surface Application" section of this label to determine the recommended broadcast rate per acre for the herbicide treatment to be applied.

*Granu-Blend is a registered trademark of Monsanto Company.

The following is a partial list of the dry fertilizer which may be blended with this product.

Ammonium sulfate	21-0-0
Ammonium phosphate-sulfate	16-20-0
Diammonium phosphate	18-46-0
Potassium chloride	0-0-60
Potassium sulfate	0-0-52
Single super-phosphate	0-20-0
Treble super-phosphate	0-46-0
*Urea	46-0-0

*Some ureas may be phytotoxic when applied on corn. Use only ureas known to be safe to corn. Blends suitable for use in soybeans, such as 0-26-26 are also approved for use with this product.

NOTE: DO NOT blend this product with fertilizers containing ammonium nitrate, potassium nitrate or sodium nitrate.

Apply the herbicide-fertilizer blend uniformly with a properly calibrated pneumatic applicator. Nonuniform application of the herbicide-fertilizer blend may result in unsatisfactory weed control or crop injury.

This product can also be used as an absorptive agent for the herbicide-fertilizer In-Plant impregnation process. See the following table for correct rates of this product and Lasso® per acre. If the total amount of liquid Lasso herbicide exceeds 3.25 quarts per acre additional nonherbicidal absorptive material may be necessary to ensure a free-flowing mixture.

POUNDS PLUS QUARTS OF HERBICIDE/ACRE TO
IMPREGNATE ON DRY BULK FERTILIZER.

Recommended Total Lasso[®] Broadcast Rate/acre

		Lbs. a.i./acre			
		3.5			
3				4	
CropStar [®] (Lbs)	Lasso (Qts)	CropStar (Lbs)	Lasso (Qts)	CropStar (Lbs)	Lasso (Qts)
5	2.25	5	2.75	5	3.25

®Lasso is a registered trademark of Monsanto Company.

APPLICATION TIMING AND METHODS

~~NOTE: Unless specifically recommended, only one treatment of this product may be applied to a labeled crop.~~

Early Preplant Surface—This product may be applied to no-till and other conservation tillage systems before weeds emerge and up to 45 days before planting, with 60 percent of the recommended broadcast rate applied initially and the remaining 40 percent applied at planting. Applications made less than 30 days prior to planting can be made either as a split or single application. If weeds are present at the time of application, apply a contact herbicide. Observe direction for use, precautions and restrictions on the label of the contact herbicide. During the planting operation be careful not to move untreated soil to the surface or move treated soil out of the row, as weed control may be reduced.

Preplant Incorporation—This product may be mixed into the soil using shallow incorporation equipment any time within 7 days prior to planting. Refer to the crop to be treated in the "DIRECTIONS FOR USE" section of this label to determine if preplant incorporation is recommended. Apply the recommended treatment rate to the soil surface as a broadcast application. Precipitation or irrigation is required to bring incorporated herbicide treatments into contact with germinating weed seedlings. The amount of precipitation or irrigation required depends on existing soil moisture, soil type and percent organic matter content, but 1/3 to 3/4 inch is normally adequate. If weeds emerge after treatment, rotary hoe or shallowly cultivate immediately to improve performance.

NOTE: Do not incorporate unless specifically recommended in this label for the crop and herbicide treatment selected. Incorporation of this product on coarse soil types may reduce length of weed control due to leaching with rainfall or

irrigation. Incorporation is not recommended on coarse soils in the southeastern states.

1-Pass Incorporation (Surface Blend™): Shallowly incorporate (Surface Blend) this product into the upper 1 to 2 inches of the soil. Equipment should be operated at manufacturer's designed speed for the incorporation to ensure adequate mixing and distribution of the herbicide treatment in the soil. Equipment design, including any drag attachments, must be adequate to avoid soil ridging which may result in streaked or reduced weed control. Soil conditions, including moisture content and crop residue levels must be suitable to allow thorough and uniform mixing with the equipment used for 1-pass incorporation.

Contact Monsanto Company for additional information regarding recommended equipment and methods for Surface Blend application.

2-Pass Incorporation: When 2-pass incorporation is used, shallowly incorporate this product into the upper 1 to 1 inches of the soil with equipment set to work the soil NO DEEPER THAN 4 INCHES. The second pass must be made at an angle to and no deeper than the first pass to ensure proper distribution of the herbicide treatment in the soil.

™Surface Blend is a trademark of Monsanto Company.

Preemergence Surface Application—This product may be applied to the soil surface after planting and prior to either crop or weed emergence. Apply within 5 days of last preplant tillage. If weeds emerge after treatment, or if treatment is applied more than 5 days after last preplant tillage, rotary hoe or shallowly cultivate immediately to improve performance. Precipitation or overhead sprinkler irrigation is required after application to move the herbicide treatment into the weed germination zone. The amount of precipitation or overhead sprinkler irrigation required depends on existing soil moisture, soil type and percent organic matter content, but 1/3 to 3/4 inch is normally adequate. Performance is improved when moisture is received within 7 days after application and prior to weed emergence. High intensity or excessive rainfall or excessive irrigation after application may reduce control.

CULTIVATION INFORMATION

If annual grass or broadleaf weed seedlings emerge, rotary hoe immediately to improve weed control.

If cultivation is necessary because of soil crusting or compaction, tillage should be shallow to minimize dilution of this herbicide.

Except for the above, as long as the grasses and weeds are controlled, delay cultivation as long as possible.

WEEDS CONTROLLED

Applicators should evaluate soil and weed conditions carefully to assure that they choose the lowest effective label rate.

When applied as directed under the conditions described, this product CONTROLS the following weeds:

ANNUAL GRASSES

Barnyardgrass

Echinochloa crus-galli

Crabgrass

Digitaria ischaemum
Digitaria sanguinalis

Foxtail, robust

Setaria viridis

Foxtail, giant

Setaria faberi

Foxtail, green

Setaria viridis

Foxtail, yellow

Setaria lutescens

Goosegrass

Eleusine indica

Panicum, browntop

Panicum fasciculatum

Panicum, fall

Panicum dichtomiflorum

Signalgrass, broadleaf

Brachiaria spp.

Sprangletop, red

Leptochloa filiformis

Rice, red*

Oryza sativa

Witchgrass

Panicum capillare

*Use 20 to 26 pounds of this product per acre and apply preplant incorporated only for control on medium and fine textured soils.

ANNUAL BROADLEAVES

Carpetweed

Mollugo verticillata

Galinsoga

Galinsoga spp.

Groundcherry, cutleaf¹

Physalis angulata

Nightshade, black¹

Solanum nigrum

Nightshade, hairy¹

Solanum sarrachoides

Pigweed, Carelessweed

Amaranthus spp.

Purslane

Portulaca oleracea

Pursley, Florida

Richardia scabria

Waterhemp

Amaranthus tuberculatos

SEDGES

Nutsedge, yellow²

Cyperus esculentus

¹Use a minimum of 17 pounds of this product per acre on coarse soils, or 20 to 26 pounds of this product on medium and fine soils for control of this weed.

²Use 20 to 26 pounds of this product per acre and apply preplant incorporated only for control on medium and fine textured soils. On coarse soils with less than 3 percent organic matter, use 20

to 26 pounds of this product per acre as a preemergence surface application to reduce competition from this weed.

When applied under the conditions described, this product at a rate of 17 to 26 pounds per acre on a broadcast basis REDUCES COMPETITION from the following hard to control weeds:

ANNUAL GRASSES

Cupgrass, woolly
Eriochloa villosa

Johnsongrass, seeding
Sorghum halepense

Panicum, Texas
Panicum texanum

Sandbur, Grassbur
Cenchrus incertus

Shattercane, wild cane
Sorghum bicolor

ANNUAL BROADLEAVES

Beggarweed, Florida
Desmodium tortuosum

Lambsquarters
Chenopodium album

Morningglory, smallflower
Jacquemontia tamnifolia

Ragweed, common
Ambrosia artemisiifolia

Smartweed
Polygonum pensylvanicum
Polygonum persicaria

Sida, spiny; Teaweed
Sida spinosa

Starbur, bristly
Acanthospermum hispidum

CORN
(All Types)

When making applications on corn, do not make more than two applications per year or exceed 26 pounds of CropStar per acre per year.

CropStar® GB

Apply this product alone or blended (On-Board) with dry bulk fertilizer for control of yellow nutsedge and the annual grasses and broadleaf weeds listed in the "WEEDS CONTROLLED" section of this label.

APPROVED APPLICATION SYSTEMS

Ground-Broadcast boom

Dry Bulk Fertilizer (On-Board Blending)

Reference: The "APPLICATION SYSTEMS" section of this label provides detailed information on the application of this product using the system selected.

APPROVED APPLICATION METHODS

Preplant Incorporated—Apply this product within 7 days prior to planting and shallowly incorporate or Surface Blend into the upper 1 to 2 inches of soil. Irrigation within 10 days following planting may improve weed control.

Preemergence Surface—Apply this product after planting, before crop and weed emergence and within 5 days after last preplant tillage operation.

NOTE: The highest levels of weed control will be obtained when applications are made prior to the emergence of the crop and weeds.

Weeds which are emerged at time of application are not controlled by this product. If weeds are emerged at application, shallowly cultivate or rotary hoe immediately to improve performance.

REFERENCE: The "APPLICATION TIMING AND METHODS" section of this label provides detailed information and procedures for the application timing and method selected.

RECOMMENDED RATES: Refer to the following tables for the recommended broadcast treatment rates for this product. Applications which are not consistent with recommendations in

this label may result in unsatisfactory weed control or crop injury.

Preplant Incorporated Application Rates

SOIL TEXTURAL GROUP*	BROADCAST RATE PER ACRE (POUNDS)**	
	Less than 3% organic matter	3% or more organic matter
Coarse	17	17
Medium	17 to 20	17 to 20
Fine	17 to 20	20 to 23

*Refer to the "SOIL TEXTURE" section of this label to determine the corresponding soil textural group for the soil to be treated.

**Use the higher rate in the recommended range in areas of heavy weed infestations. Use 17 to 23 pounds per acre where furrow irrigation is used. Rates may be increased to a maximum of 26 pounds of any soil type when heavy infestations of yellow nutsedge or red rice are present.

Surface Application Rates

SOIL TEXTURAL GROUP*	BROADCAST RATE PER ACRE (POUNDS)**	
	Less than 3% organic matter	3% or more organic matter
Coarse***	13 to 15	13 to 15
Medium	13 to 18	13 to 18
Fine	13 to 18	17 to 22

*Refer to the "SOIL TEXTURE" section of this label to determine the corresponding soil textural group for the soil to be treated.

**Use the higher rate in the recommended range in areas of heavy weed infestations. Use a minimum of 17 pounds per acre on coarse soils and 20 to 26 pounds on medium and fine soils to control black or hairy nightshade.

***When applied under sprinkler irrigation on coarse soils, use a minimum of 20 pounds per acre of this product.

Conservation or Minimum
Tillage Systems
TANK MIXTURES

AT-PLANTING APPLICATIONS

CropStar® GB

When applied as directed this product will provide preemergence control of the annual grasses and broadleaf weeds listed in the "WEEDS CONTROLLED" section of this label.

APPROVED APPLICATION SYSTEMS

Ground-Broadcast boom

Dry Bulk Fertilizer (On-Board Blending)

Reference: The "APPLICATION SYSTEMS" section of this label provides detailed information on the application of this product using the system selected.

APPROVED APPLICATION METHOD

Preemergence Surface—Apply this tank mixture after planting, before crop and weed emergence and within 5 days after last preplant tillage operation.

Reference: The "APPLICATION TIMING AND METHODS" section of this label provides detailed information and procedures for the application timing and method selected.

NOTE: The highest levels of weed control will be obtained when applications are made prior to the emergence of the crop and weeds.

Weeds which are emerged at time of application are not controlled by this product. If weeds are emerged at time of application, apply a labeled contact herbicide. Observe the directions for use, precautions and restrictions on the label of the contact herbicide.

RECOMMENDED RATES: Refer to the following table for the recommended broadcast application rates for this product. Applications which are not consistent with recommendations in this label may result in unsatisfactory weed control or crop injury.

Surface Application Rates

SOIL TEXTURAL GROUP*	BROADCAST RATE PER ACRE (POUNDS)** Cropstar® GB
Coarse	17
Medium	20
Fine	20 to 23

*Refer to the "SOIL TEXTURE" section of the label to determine the corresponding soil textural group for the soil to be treated.

**Use the higher rate in the recommended range in areas of heavy grass infestation, or when organic matter content is 3 percent or more.

EARLY PREPLANT APPLICATION

For use in no-till and other conservation tillage system in CONNECTICUT, DELAWARE, ILLINOIS, INDIANA, IOWA, KANSAS, KENTUCKY, MARYLAND, MASSACHUSETTS, MICHIGAN, MINNESOTA, MISSOURI, NEBRASKA, NEW JERSEY, NEW YORK, NORTH CAROLINA, OHIO, PENNSYLVANIA, SOUTH DAKOTA, VERMONT, VIRGINIA AND WISCONSIN.

CropStar® GB

This product, when applied in a single application or split application will provide preemergence control or reduced competition of the annual grasses and broadleaf weeds listed in the "WEEDS CONTROLLED" section of this label. If weeds are emerged at time of application, apply a labeled contact herbicide. Observe the direction for use, precautions and restrictions on the label of the contact herbicide.

RECOMMENDED RATE AND TIMING OF APPLICATION

Single application—Application of this product should be made less than 30 days before planting but prior to weed emergence. This application should be restricted to areas north of Interstate 70 when west of the Mississippi River and north of Interstate 64 when east of the Mississippi River where cool spring weather minimizes or slows biodegradation of herbicides.

NOTE: Application on coarse soils should not be made more than two weeks prior to planting.

Split application—Apply 60 percent of the recommended rate as a split application prior to weed emergence and no more than 45 days prior to planting and the remaining 40 percent at or immediately following planting.

See the following table for recommended broadcast rates per acre for single and split applications.

SOIL
TEXTURAL
GROUP

BROADCAST RATE PER ACRE (POUNDS)

Cropstar® GB

Coarse	17
Medium	20
Fine	23

In order to provide broad spectrum weed control, both the single and split applications of this product must be followed with a planned post-emergence application of a labeled broadleaf and/or grass herbicide. Observe all the direction for use, precautions and restrictions on the label of the postemergence herbicide before use of these products.

If emerged weeds exist at planting, the application of a contact herbicide or tillage is recommended when possible to eliminate existing weeds.

SOYBEANS

CropStar® GB

When making applications on soybeans, do not make more than two applications per year or exceed a total of 20 pounds of CropStar per acre per year.

Do not feed forage, hay or straw from soybeans treated with this product. Do not ensile soybeans treated with this product.

Apply this product alone or blended (On-Board) with dry bulk fertilizer for control of yellow nutsedge and the annual grasses and broadleaf weeds listed in the "WEEDS CONTROLLED" section of this label.

APPROVED APPLICATION SYSTEMS

Ground-Broadcast boom

Dry Bulk Fertilizer (On-Board Blending)

Reference: The "APPLICATION SYSTEMS" section of this label provides detailed information on the application of this product using the system selected.

APPROVED APPLICATION METHODS

Preplant Incorporated—Apply this product within 7 days prior to planting and shallowly incorporate or Surface Blend into the upper 1 to 2 inches of soil. Irrigation within 10 days following planting may improve weed control.

Preemergence Surface—Apply this product after planting before crop and weed emergence and within 5 days after last preplant tillage operation.

NOTE: The highest levels of weed control will be obtained when applications are made prior to the emergence of the crop and weeds.

Weeds which are emerged at time of application are not controlled by this product. If weeds are emerged at application shallowly cultivate or rotary hoe immediately to improve performance.

Reference: The "APPLICATION TIMING AND METHODS" section of this label provides detailed information and procedures for the application timing and methods selected.

RECOMMENDED RATES: Refer to the following tables for the recommended broadcast treatment rates for this product. Applications which are not consistent with recommendations in this label may result in unsatisfactory weed control or crop injury.

Preplant Incorporation Application Rates

SOIL TEXTURAL GROUP*	BROADCAST RATE PER ACRE (POUNDS)**	
	Less than 3% organic matter	3% or more organic matter
Coarse	17	17
Medium	17 to 20	17 to 20
Fine	17 to 20	17 to 23 20

*Refer to the "SOIL TEXTURE" section of this label to determine the corresponding soil textural group for the soil to be treated.

**Use the higher rate in the recommended range in areas of heavy weed infestations. Use 17 to 23 20 pounds per acre where furrow irrigation is used. ~~Rates may be increased to a maximum of 26 pounds~~ Use 20 pounds per acre on any soil type when heavy infestations of yellow nutsedge or red rice are present.

Surface Application Rates

SOIL TEXTURAL GROUP*	BROADCAST RATE PER ACRE (POUNDS)**	
	Less than 3% organic matter	3% or more organic matter
Coarse***	13 to 15	13 to 15
Medium	13 to 18	13 to 18
Fine	13 to 18	17 to 22 20

*Refer to the "SOIL TEXTURE" section of this label to determine the corresponding soil textural group for the soil to be treated.

**Use the higher rate in the recommended range in areas of heavy weed infestations. Use a minimum of 17 pounds per acre on coarse soils and 20 ~~to 26~~ pounds on medium and fine soils to control black or hairy nightshade.

***When applied under sprinkler irrigation on coarse soils, use a ~~minimum of~~ 20 pounds per acre of this product.

Conservation or Minimum Tillage Systems TANK MIXTURES

AT-PLANTING APPLICATIONS

CropStar® GB

When applied as directed this product will provide preemergence control of the annual grasses and broadleaf weeds listed in the "WEEDS CONTROLLED" section of this label.

APPROVED APPLICATION SYSTEMS

Ground-Broadcast boom

Dry Bulk Fertilizer (On-Board Blending)

Reference: The "APPLICATION SYSTEM" section of this label provides detailed information on the application of this product using the system selected.

APPROVED APPLICATION METHOD

Preemergence Surface—Apply this tank mixture after planting, before crop and weed emergence and within 5 days after last preplant tillage operation.

Reference: The "APPLICATION TIMING AND METHODS" section of this label provides detailed information and procedures for the application timing and method selected.

NOTE: The highest levels of weed control will be obtained when applications are made prior to the emergence of the crop and weeds.

Weeds which are emerged at time of application are not controlled by this product. If weeds are emerged at time of application, apply a labeled contact herbicide. Observe the direction for use, precautions and restrictions on the label of the contact herbicide.

RECOMMENDED RATES: Refer to the following table for the recommended broadcast application rates for this product. Applications which are not for this product. Applications which are not consistent with recommendations in this label may result in unsatisfactory weed control or crop injury.

Surface Application Rates

SOIL TEXTURAL GROUP*	BROADCAST RATE PER ACRE (POUNDS)** Cropstar™ GB
Coarse	17
Medium	20
Fine	20 to 23

*Refer to the "SOIL TEXTURE" section of the label to determine the corresponding soil textural group for the soil to be treated.

~~**Use the higher rate in the recommended range in areas of heavy grass infestation, or when organic matter content is 3 percent or more.~~

EARLY PREPLANT APPLICATION

For use in no-till and other conservation tillage systems in CONNECTICUT, DELAWARE, ILLINOIS, INDIANA, IOWA, KANSAS, KENTUCKY, MARYLAND, MASSACHUSETTS, MICHIGAN, MINNESOTA, MISSOURI, NEBRASKA, NEW JERSEY, NEW YORK, NORTH CAROLINA, OHIO, PENNSYLVANIA, SOUTH DAKOTA, VERMONT, VIRGINIA AND WISCONSIN.

CropStar® GB

This product, when applied in a single application or split application will provide preemergence control or reduced competition of the annual grasses and broadleaf weeds listed in

the "WEEDS CONTROLLED" section of this label. If weeds are emerged at time of application, apply a labeled contact herbicide. Observe the direction for use, precautions and restrictions on the label of the contact herbicide.

RECOMMENDED RATE AND TIMING OF APPLICATION

Single application—Application of this product should be made less than 30 days before planting but prior to weed emergence. This application should be restricted to areas north of Interstate 70 when west of the Mississippi River and north of Interstate 64 when east of the Mississippi River where cool spring weather minimizes or slows biodegradation of herbicides.

NOTE: Application on coarse soils should not be made more than two weeks prior to planting.

Split application—Apply 60 percent of the recommended rate as a split application prior to weed emergence and no more than 45 days prior to planting and the remaining 40 percent at or immediately following planting.

See the following table for recommended broadcast rates per acre for single and split applications.

SOIL TEXTURAL GROUP	BROADCAST RATE PER ACRE (POUNDS) CropStar® GB
Coarse	17
Medium	20
Fine	23 20

In order to provide broad spectrum weed control, both the single and split applications of this product must be followed with a planned post-emergence application of a labeled broadleaf and/or grass herbicide. Observe all the direction for use, precautions and restrictions on the label of the postemergence herbicide before use of these products.

If emerged weeds exist at planting, the application of a contact herbicide or tillage is recommended when possible to eliminate existing weeds.

~~843.78-000.01/53~~
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EPA Reg. No. 524-296

In case of an emergency involving this product, Call Collect, day or night, (314) 694-4000.

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MONSANTO COMPANY
AGRICULTURAL PRODUCTS
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