

PM 27 524-487 10/17

**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.

**HARNESS® 20G**  
Herbicide By Monsanto

Harness® 20G is a granular herbicide for weed control in Field Corn, Production Seed Corn, Silage Corn and Popcorn.

In case of emergency involving this product, or for user safety information on this product, Call Collect, day or night (314) 694-4900.

**ACCEPTED**  
SEP 28 1995  
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 524-487

Complete Directions for Use

\*Harness is a registered trademark of Monsanto Company

EPA Reg. 524-XXX

1995-1

Read the entire label before using this product. Use only according to label instruction.

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

REFORMULATION OR REPACKAGING IS PROHIBITED.

**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 OR 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.)

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PRECAUTIONARY STATEMENTS

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Hazards to Humans and Domestic Animals

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Keep out of reach of children.

**CAUTION!**

CAUSES EYE IRRITATION.

MAY CAUSE ALLERGIC SKIN REACTION.

Avoid contact with skin, eyes, or clothing.  
Wash thoroughly with soap and water after handling.

**FIRST AID: IF IN EYES**, immediately flush with plenty of water. Get medical attention if irritation persists.

**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.

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**Personal Protective Equipment**

Applicators and other handlers must wear: long-sleeved shirt and long pants; and shoes plus socks.

Follow 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.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural herbicides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

**User Safety Recommendations:**

**User 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.

Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

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

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**Environmental Hazards**

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This product is toxic to fish. Do not apply directly to water, or 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.

This chemical demonstrates the properties and characteristics associated with chemicals detected in ground water. The use of this chemical in areas where soils are permeable, particularly where the ground water is shallow, may result in ground water contamination.

Acetochlor has properties that may result in surface water contamination via dissolved runoff and runoff erosion. Practices should be followed to minimize the potential for dissolved runoff and/or runoff erosion.

**ACTIVE INGREDIENT:**

Acetochlor, 2-chloro-N-ethoxymethyl-N-(2-ethyl-6-methylphenyl)acetamide.....	20.0%
<b>INERT INGREDIENTS:</b> .....	80.0%
	100 %

U.S. Patent No. 4,256,481. Other patents pending. No license is granted under any non-U.S. patents.

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**DIRECTIONS FOR USE**

It is a violation of federal law to use this product in any manner inconsistent with its labeling. For any requirement specific to your State or Tribe, consult the agency responsible for pesticide regulation.

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 the 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 interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

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 applicaiton.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours. Exception: if the 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, and shoes plus socks.

For more product information, call toll-free 1-800-332-3111.

STORAGE AND DISPOSAL

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

**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

Harness® 20G herbicide 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 will not control emerged seedlings. This product may be applied either as a surface application 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.

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

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#### USE RESTRICTIONS

This chemical demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the groundwater is shallow, may result in groundwater contamination. Do not apply to the following soils if ground water depth is 30 feet or less: sands with less than 3% organic matter; loamy sands with less than 2% organic matter; or sandy loams with less than 1% organic matter.

This product may not be loaded within 50 feet of any wells (including abandoned wells and drainage wells), sink holes, intermittent streams and rivers, and natural or impounded lakes and reservoirs. This setback does not apply to properly capped or plugged abandoned wells and does not apply to impervious pad or properly diked mixing/loading areas.

Operations that involve loading, rinsing, or washing of this product into or from pesticide handling or application equipment or containers within 50 feet of any well are prohibited unless conducted on an impervious pad constructed to withstand the weight of the heaviest load that may be positioned on or moved across the pad. Such a pad shall be designed and maintained to contain any product spills or equipment leaks, container or equipment rinse or washwater, and rainwater that may fall on pad. Surface water shall not be allowed to either flow over or from the pad, which means the pad must be self contained. The pad shall be sloped to facilitate material removal. An unroofed pad shall be of sufficient capacity to contain a minimum of 110% of the capacity of the largest pesticide container or application equipment on the pad. A pad that is covered by a roof of sufficient size to completely exclude precipitation from contact with the pad shall have a minimum containment capacity of 100% of the capacity of the largest pesticide container or application equipment on the pad. Containment capacities as described above shall be maintained at all times. The above specified minimum containment capacities do not apply to vehicles when delivering pesticide shipments to the mixing/loading site. States may have in effect additional requirements regarding wellhead setbacks and operational containment.

Do not flood irrigate to apply or incorporate this product.

Product must be used in a manner which will prevent back siphoning into wells, spills or improper disposal of excess pesticide or rinsates.

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

Disposal of excess pesticide or rinsate should be according to label use instructions or according to the State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA regional office.

Do not apply under conditions which favor runoff or wind erosion of soil containing this product to non-target areas. To prevent off-site movement due to runoff or wind erosion:

Avoid treating powdery dry or light sandy soils when conditions are favorable for wind erosion. Under these conditions, the soil surface should first be settled by rainfall or irrigation.

Do not apply to impervious substrates such as paved or highly compacted surfaces or frozen or snow covered soils.

Do not use tailwater from the first flood or furrow irrigation of treated fields to treat non-target crops unless at least 1/2 inch of rainfall has occurred between application and the first irrigation.

Do not apply this product using aerial application equipment.

Do not apply when wind conditions favor drift to non-target sites. To minimize drift to non-target areas:

Keep ground driven boom as low as possible above the target surface.

Make application when the wind velocity favors on-target product deposition (approximately 3-10 mph). Do not apply when wind velocity exceeds 15 mph. Avoid application when gusts approach 15 mph.

Low humidity and high temperatures increase the likelihood of drift to sensitive areas. Avoid applying during conditions of low humidity and/or high temperatures. Do not apply during inversion conditions.

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.

Wash application equipment with clean water after use.

Do not rotate to crops other than soybeans, corn (all types including sweet corn), milo (sorghum), wheat, or tobacco.

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.

**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.

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.

**Band Treatment** - This product may be applied with any standard granular applicator capable of uniformly distributing a predetermined amount of granules to a desired area. Band treatments made at seeding should only be applied behind the press wheel.

NOTES: Caution should be taken with seeding equipment so that any track (soil depression) made by the planter press wheel is minimal. This will reduce concentration of granules in the press wheel track by heavy rain which can

result in crop injury. Soil tillage should not follow the use of band applications unless it is adapted so as not to displace the band and hence reduce weed control in the band. In reduced tillage systems, injury may occur if the planter slit is not properly closed during planting.

### 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.

#### 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 or application, the equipment should be shutdown and special care should be taken to avoid contact with the pesticide.

**Calibration**—It is important that the applicator is 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.

**It is important that the user calibrate each individual granular applicator before its use.**

Calculate the amount of Harness 20G needed for band treatment as follows:

Band width in inches	X	Broadcast Rate per acre	=	Band Rate per acre
Row width in inches				

For example: If 10 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:



$$\frac{14}{38} \times 10 = 3.7 \text{ pounds of granules needed for the band treatment}$$

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

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 the 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
8 lb	2.2 fl. oz.	1.7 oz.
10 lb	2.8 fl. oz.	2.1 oz.
12 lb	3.3 fl. oz.	2.6 oz.
13 lb	3.6 fl. oz.	2.8 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**

**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 14 days prior to planting. Refer to 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.

**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.

**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*

**Crowfootgrass**

*Dactyloctenium aegyptium*

**Cupgrass, prairie**

*Eriochloa contracta*

**Cupgrass, woolly\***

*Eriochloa villosa*

**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 15 pounds of this product per acre to control this weed. Control can be erratic, especially under dry weather conditions. Control escaped weeds with cultivation or application of an appropriate EPA-registered postemergence herbicide.

ANNUAL BROADLEAVES

Carpetweed  
*Mollugo verticillata*

Galinsoga  
*Galinsoga spp.*

Henbit  
*Lamium amplexicaule*

Lambsquarters\*  
*Chenopodium album*

Nightshade, black  
*Solanum nigrum*

Nightshade, hairy  
*Solanum sarrachoides*

Pigweed, Carelessweed  
*Amaranthus spp.*

Purslane  
*Portulaca oleracea*

Pursley, Florida  
*Richardia scabria*

Ragweed, Common\*  
*Ambrosia artemisiifolia*

Waterhemp  
*Amaranthus tuberculatos*

\*Use the higher rate in the recommended range if triazine resistant biotypes are suspected.

SEDGES

**Nutsedge, yellow\***  
*Cyperus esculentus*

\*Use 12 to 15 lbs of this product per acre to control this weed and preplant incorporate for best results.

When applied under the conditions described, this product at a rate of 6 to 15 pounds per acre on a broadcast basis REDUCES COMPETITION from the following hard to control weeds:

ANNUAL GRASSES

**Johnsongrass, seeding**  
*Sorghum halepense*

**Millet, foxtail**  
*Setaria italica*

**Millet, proso**  
*Panicum miliaceum*

**Panicum, Texas**  
*Panicum texanum*

**Sandbur, Grassbur**  
*Cenchrus incertus*

**Shattercane, wildcane\***  
*Sorghum bicolor*

\*Use 13 to 15 pounds of this product per acre to reduce competition from this weed.

ANNUAL BROADLEAVES

**Beggarweed, Florida**  
*Desmodium tortuosum*

**Groundcherry, cutleaf**  
*Physalis angulata*

**Jimsonweed**  
*Datura stramonium*

**Kochia**  
*Kochia scoparia*

**Sida, spiny; Teaweed**  
*Sida spinosa*

**Smartweed**  
*Polygonum pensylvanicum*  
*Polygonum persicaria*

**Starbur, bristly**  
*Acanthospermum hispidum*

**Velvetleaf, Buttonweed**  
*Abutilon theophrasti*

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**FIELD CORN, PRODUCTION SEED CORN, SILAGE CORN AND POPCORN**

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When making applications on corn, do not make more than one application per year or exceed 15 pounds of Harness 20G per acre per year.

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

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 14 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 during or 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.

**Application Rates**

SOIL TEXTURAL GROUP*	BROADCAST RATE PER ACRE (POUNDS)**	
	Less than 3% organic matter	3% or more organic matter
Coarse***	6 to 8	8
Medium	8 to 10	8 to 10
Fine	8 to 10	10 to 12

\*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.

\*\*\*Refer to the "USE RESTRICTIONS" section of this label for restrictions.

**Conservation or Minimum  
Tillage Systems**

**FIELD CORN, PRODUCTION SEED CORN, SILAGE CORN AND POPCORN**

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; banded

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**

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

**Early Preplant-Single Application** - Application of this product should be made less than 30 days before planting but prior to weed emergence.

**Early Preplant-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 but before crop emergence.

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

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

**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)** HARNESSE* 20G
Coarse***	7 to 9
Medium	10 to 12
Fine	12 to 14

\*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.

\*\*\*Refer to the "USE RESTRICTIONS" section of this label for restrictions.



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•Granu-Blend is a registered trademark of Monsanto Company.  
™Surface Blend is a trademark of Monsanto Company.

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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.