

DATE: 2/1/88

TO: PRODUCT MANAGER \_\_\_\_\_

FROM: AUTOMATED SCIENCES GROUP

THE FOLLOWING REGISTRATION JACKETS ARE RETURNED FOR CHEMICAL  
INGREDIENT IDENTIFICATION. PLEASE REFER TO THE 'REQUEST FOR  
CHEMICAL NAME REVIEW' FORM ATTACHED TO EACH JACKET.

REG. # 524-400

REG. # \_\_\_\_\_

REG. # \_\_\_\_\_

REC. # \_\_\_\_\_

REG. # \_\_\_\_\_

REG. # \_\_\_\_\_

APPENDIX A

Request date 2/1/88  
Receipt date \_\_\_\_\_  
Return date: \_\_\_\_\_  
- Requestor JB  
RTSD \_\_\_\_\_

REQUEST FOR CHEMICAL NAME REVIEW

Please type or print clearly the following:

Requestor Jolynn Brooks

Org. \_\_\_\_\_ (TS-7 ) Room 263 Phone 557-4467  
(Div./Br./Sect.)

Name of Chemical 1. 1,6-hexamethylene diamine  
2. Vikoflex 7170  
3. Witconate, AOK

Synonym(s) 1. \_\_\_\_\_  
(Include trade names, co./research names, etc.)  
2. \_\_\_\_\_  
3. \_\_\_\_\_

Codes:

CAS \_\_\_\_\_

Caswell \_\_\_\_\_

Other (specify) \_\_\_\_\_

Description:

Product Name Partner WDG

Product Type herbicide  
(Use, i.e., insecticide, herbicide, disinfectant, etc.)

Registrant Monsanto

Reg. No./File Symbol 524-4p0

Active Ingredient  Inert Ingredient  Other (specify)

Shaughnessy code \_\_\_\_\_

cc: Requestor  
PM (new active ingredients only)  
RTSD

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# PARTNER

WATER DISPERSIBLE GRANULE

HERBICIDE BY **Monsanto**

ACC  
NOV  
Under the F  
Fungicide, o  
as amended  
registered u  
EPA Reg. No

EPA Reg. No. 524-

The use of this product may be hazardous to your health. This product contains alachlor, which has been determined to cause tumors in  
Carefully follow detailed instructions in booklet

Read the entire label before using this product:

Use only according to label instructions.

Read "LIMIT OF WARRANTY AND LIABILITY" which appears in the label booklet before buying or using. If terms are not acceptable, return at once unopened.

**PRECAUTIONARY STATEMENTS**

Hazards to Humans  
and Domestic Animals

Keep out of reach of children.

**CAUTION!**

MAY CAUSE EYE IRRITATION.

MAY CAUSE ALLERGIC SKIN REACTION.

Avoid contact with eyes, skin or clothing.

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 Partner must be washed before reuse.

Wash thoroughly with soap and water after handling.

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

**IF ON SKIN**, immediately flush with plenty of water while removing contaminated clothing.

Wash clothing before reuse. Sensitized persons should avoid further contact and reuse of clothing.

In case of an 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.

Care must be taken when using this product to prevent back siphoning into wells, spills or improper disposal of excess pesticide, spray mixtures or rinsates.

Check valves or antisiphoning devices must be used on all mixing equipment. Disposal of excess pesticide, spray mixtures, 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 to water or wetlands. Do not contaminate water by cleaning of equipment or disposal of waste.

**Storage and Disposal**

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

**STORAGE:**

Keep bag closed to prevent spills and contamination.

**DISPOSAL:**  
Wastes res cannot be disposed of disposal or water supply with applic

Emptied co all labeled

Completely Then dispo by inciner authorities,

**ACTIVE INGR**  
Alachlor, ( methox Imazaquin (1-meth 3-quinol

**INERT INGR**

● Trademark of MONSANTO



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

LOT NO.

PACKER

NET

00247 00071


PRINTED BOX FRONT/BACK

843.93-001.11R  
EPA Est. 602-MO-1

**ACCEPTED**  
NOV - 4 1987  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under  
EPA Reg. No. 576-400

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**PARTNER<sup>®</sup>**

**WATER DISPERSIBLE GRANULE**

HERBICIDE BY **Monsanto**

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.

Carefully follow detailed instructions in attached booklet.

Read the entire label before using this product. Use only according to label instructions. Read "LIMIT OF WARRANTY AND LIABILITY" before using. If terms are not acceptable, return of unit suggested.

This product contains

**SCEPTER**  
herbicide

\* INFORMATION ON REPACKAGING IS PROVIDED

ACTIVE INGREDIENTS:

Alachlor, (2-chloro-2-(4-chlorophenyl)-2-hydroxypropane)	59.85
Imazapyridyl acetate	1.15
(1-methyl-4-methyl-5-pyridinyl)-2-ylidene-3-imidazolidinone	4.00
Inert ingredients	34.00
<b>TOTAL INGREDIENTS</b>	<b>100.00</b>

Keep out of reach of children.  
**CAUTION!** Read precautions on back panel.

\* SCEPTER is a registered trademark of Monsanto Company  
\* SCEPTER is a registered trademark of American Cyanamid Company

TWO 14.5 LB UNITS

#### PRECAUTIONARY STATEMENTS

Hazards to Humans and  
Domestic Animals

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Wash thoroughly with soap and water after handling.

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

**IF ON SKIN,** immediately flush with plenty of water while removing contaminated clothing. Wash clothing before reuse. Sensitive persons should avoid further contact and reuse of contaminated clothing.

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

#### Environmental Hazards

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

Care must be taken when using the product to prevent back-siphoning into wells, tanks or sumps, or the use of excess pesticide, spray mixtures or rinsates.

Check valves or anti-siphoning devices must be used on all mixing equipment. Disposal of excess pesticide, spray mixtures, 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 directly to water or wetlands. Do not contaminate water by cleaning of equipment or disposal of wastes.

#### Storage and Disposal

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

**STORAGE:**

Keep bags/containers closed to prevent spillage/contamination.

**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 pesticides disposal or incinerated in a safe place away from water supplies. All disposal should be in accordance with applicable Federal, state or local procedures.

Empty container retains product residue. Observe all labeled safeguards until container is destroyed.

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

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RIGHT SIDE



**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. (Directions) when used in accordance with these Directions under the conditions described therein. NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY 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.

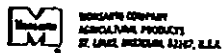
Buyer and all users are responsible for all loss or damage from use or handling which results from conditions beyond the control of this Company, including, but not limited to, incompatibility with products other than those set forth in the Directions, application in or contact with desirable vegetation, wind, 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.

The 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.

In case of an emergency involving this product, call Chemagro at 1-800-521-4466.

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Patent Pending



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WATER DISPERSIBLE GRANULE

HERBICIDE BY **Monsanto**

For weed control in soybeans.

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.

**Complete Directions for Use**

\*Partner is a registered trademark of Monsanto Company.

1987-1

843.93-001.09/53

**ACCEPTED**

**NOV - 4 1987**

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 526-1600

©MONSANTO COMPANY 1987

Patent pending.

MONSANTO COMPANY  
AGRICULTURAL PRODUCTS  
ST LOUIS MISSOURI 63167 U S A



**BEST AVAILABLE COPY**

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.

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 OR IMPLIED WARRANTY OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY 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, application to or contact with desirable vegetation, 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.

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**PRECAUTIONARY STATEMENTS**

Hazards to Humans and Domestic Animals

Keep out of reach of children.

**CAUTION!**

MAY CAUSE EYE IRRITATION.

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**Environmental Hazards**

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**Storage and Disposal**

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**STORAGE:**

Keep bags/containers closed to prevent spills and contamination.

**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.

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broadleaf weeds. For perennial weeds controlled, see the "WEEDS CONTROLLED" section of the label booklet for Roundup.

To obtain control of perennial weeds, follow recommendations on the label booklet for Roundup for stage of growth and rate of application.

USE OF THE TANK MIXTURE FOR BERMUDAGRASS OR JOHNSONGRASS CONTROL IS NOT RECOMMENDED

NOTE: When using these tank mixtures do not exceed 4 quarts of Roundup herbicide per acre

#### GRAMOXONE SUPER

NOTE: GRAMOXONE SUPER HERBICIDE IS A POISON WHICH MAY BE FATAL OR HARMFUL TO HUMANS AND DOMESTIC ANIMALS.

**Broadcast Treatment** — Apply 1-1/2 to 2-1/2 pints of Gramoxone Super in this tank mixture immediately before, during or after planting but BEFORE CROP EMERGENCE. Use the 2-1/2 pint rate if any weeds are 4 to 6 inches tall. This mixture may not control weeds taller than 6 inches. As density of stubble, crop residue or weeds increases, spray gallonage should be increased within the recommended range for complete coverage. Add a nonionic spreader surfactant (approved for use on growing crops) containing at least 75 percent surface active agent at 8 fluid ounces per 100 gallons of diluted spray. Refer to the Gramoxone Super label for precautionary statements.

#### SEQUENTIAL TREATMENTS

Partner herbicide applied preplant incorporated or pre-emergence followed by a sequential treatment of 2/3 pint per acre of Scepter herbicide postemergence will control Florida beggarweed, Mexicanweed, and sicklepod. The sequential postemergence treatment should be applied before weed species exceed the 1 to 2 true-leaf stage.

This sequential application program may be used in Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, North Carolina, South Carolina and Tennessee only.

843.93-001.09/53

Patent pending.  
Printed in U.S.A.

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

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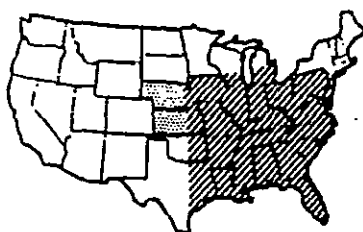
\*For best activity on these weed species, preplant incorporate or water in Partner treatments.

\*\* Sequential postemergence treatments of Scepter herbicide applied before weed species exceed the 1 to 2 true leaf stage will control these weed species. Refer to the "SEQUENTIAL TREATMENT" section of the label for details.

## DIRECTIONS FOR USE

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

Partner herbicide can be applied only in the states or parts of states shaded in the following map:



 = For irrigated soybeans only.

NOTE: See "SEQUENTIAL TREATMENTS" section in this label for geographical restrictions for this method of application.

## SOYBEANS

### APPROVED APPLICATION SYSTEMS

**Ground Broadcast Treatment** — Uniformly apply Partner in 10 or more gallons of water per acre using properly calibrated broadcast boom equipment. DO NOT apply during periods of gusty winds, when winds are in excess of 10 mph or when other conditions favoring drift exist.

**Band Treatment** — Apply a broadcast equivalent rate and volume per acre. To determine these:

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

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

### PARTNER® APPLICATION RATE

Apply Partner at a broadcast rate of 2.9 pounds per acre, or 1 bag of product per 5 acres.

Refer to the "WEEDS CONTROLLED" section of this label to determine specifics such as method of application for corresponding weed species.

### APPROVED APPLICATION TIMING AND METHODS

**Preplant Incorporation** — This product may be mixed into the soil using shallow incorporation equipment any time within 7 days prior to planting. Apply the recommended treatment rate to the soil surface as a broadcast application. Either existing soil moisture or subsequent precipitation or irrigation is required to bring incorporated herbicide into contact with germinating weed seedlings. If weeds emerge after treatment, rotary hoe or shallowly cultivate immediately to improve performance. Refer to the "Cultivation Information" section.

If soybeans are planted on beds, apply and incorporate after bed formation.

NOTE: Incorporation of this product on coarse soil types may reduce length of weed control due to further dilution by rainfall or irrigation.

**1-Pass Incorporation (Surface Blend™)**: Shallowly incorporate (Surface Blend) the herbicide into the upper 1 to 2 inches of the soil. Equipment should be operated at manufacturer's design speed for 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 the herbicide into the upper 1 to 2 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 crop and weed emergence. Apply within 5 days of last preplant tillage. Performance is improved when moisture or irrigation is received within 7 days after application and prior to weed emergence. 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. Refer to the "Cultivation Information" section.

**Postemergence Surface Application** — Apply before soybeans exceed the unifoliate stage of growth (first two true leaves). Weeds which are emerged at time of application may not be controlled by this product. Rainfall or overhead sprinkler irrigation is required after application to move the herbicide into the weed germination zone to control unemerged weeds. If weeds are emerged at application or after treatment, shallowly cultivate or rotary hoe immediately to improve performance. Refer to the "Cultivation Information" section.

NOTE: The highest levels of weed control will be obtained when applications are made prior to the emergence of the crop and weeds and as near the last tillage operation as possible.

DO NOT graze treated area or feed treated forage to livestock following postemergence application of this product.

**Cultivation Information** — Delay cultivation after application for as long as possible unless broadleaf weeds or grasses emerge. There are situations after application when susceptible weeds may emerge, growth stops, and then the weeds either die or are not competitive with the crop. The overall activity will depend on weed species and location of the root system in the soil. Shallowly cultivate or rotary hoe immediately if broadleaf weeds or grasses emerge. If cultivation is necessary because of soil crusting or compaction, set equipment shallowly and minimize lateral soil movement to avoid dilution or displacement of the herbicide treatment. Only after weeds emerge in the treatment band, set cultivator to throw soil into the row covering the band.

™Surface Blend is a trademark of Monsanto Company.

## TANK MIXTURES

### PARTNER® plus LASSO® MICRO-TECH®

In cases of heavy weed infestation or to improve weed control by alternate methods of application than found on this label (i.e., seeding johnsongrass, groundcherry, nightshade, smartweed, Texas panicum), Lasso Micro-Tech herbicide can be added to the recommended Partner herbicide treatment rate and methods of application described. Refer to the label booklet for Lasso Micro-Tech for specific recommendations. A maximum of 2 quarts of Lasso Micro-Tech per acre can be added to the 2.9 pound per-acre rate of Partner.

### PARTNER® plus ROUNDUP®

or

### PARTNER plus GRAMOXONE SUPER™

For situations that have emerged weeds, apply these tank mixtures in 10 to 40 gallons of water per acre immediately before, during or after planting but BEFORE CROP EMERGENCE. As density of stubble, weeds or crop residue increases, spray gallonage and rate should be increased within the recommended ranges to insure complete coverage.

### CONTROL OR SUPPRESSION OF EMERGED WEEDS

#### ROUNDUP®

**Annual Weeds** — Apply 1 quart of Roundup herbicide per acre in these tank mixtures if weeds are less than 6 inches tall, and use 1.5 quarts of Roundup if weeds are more than 6 inches tall for control of many emerged annual grasses and broadleaf weeds. For emerged annual weeds controlled, see the "WEEDS CONTROLLED" section of the label booklet for Roundup.

**Perennial Weeds** — At normal application dates in minimum tillage systems, perennial weeds may not be at the proper stage of growth for control. See the "GENERAL INFORMATION" section of the label booklet for Roundup for the proper stage of growth for perennial weeds. Use of 2 to 4 quarts of Roundup per acre in this tank mixture under these conditions provides top kill and reduces competition from many emerged perennial grass and

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2. Teaspoons (for a more exacting test, a five to ten milliliter (ml) pipette or graduated cylinder is desirable).
3. Sprayable fluid fertilizer to be tested.
4. The herbicides to be mixed.
5. A compatibility agent (the purpose of the adjunct is to help keep the fertilizer and crop protection chemical in suspension, if this assistance is needed).

#### B. Procedure

1. Add one pint of the sprayable fluid fertilizer that will be used or other herbicide carrier to each jar marked "with" and "without".



Add One Pint Liquid Fertilizer to Two Quart Jars.



2. To the jar marked "With", add 1/4 teaspoon or 1.2 milliliters of a suitable compatibility agent; shake gently for five to ten seconds to mix. (1/4 teaspoon in one pint is the equivalent of two pints per 100 gallons of liquid fertilizer).



To Jar Marked "With" Add Compatibility Agent and Shake to Mix.



3. To each jar add the appropriate amount of herbicide(s). If more than one is used, add them separately with the dry materials added first, flowables second and liquids last. Shake gently five to ten seconds after each addition.



Add Herbicide(s) To Both Jars And Shake to Mix.



Amount to Be Added Per Pint Of Sprayable Fluid Fertilizer (Assuming Volume is 25 gal/A)

HERBICIDE	RATE/A	Level Teaspoons
	1 lb. =	1.5
WDG's	2 lb. =	3
or	3 lb. =	4.5
Dry Flowables	4 lb. =	6
	5 lb. =	7.5

HERBICIDE	RATE/A	Level Teaspoons	Milliliters
Fertifiable	1 pint =	0.5	or 2.4
Concentrates or	1 quart =	1	or 4.7
Flowables or	2 quarts =	2	or 9.5
Liquids or	3 quarts =	3	or 14.2
Solutions	1 gallon =	4	or 19
	5 quarts =	5	or 23.8

This compatibility test is designed for 25 gallons of spray per acre with the maximum labeled rate of herbicide. For changes in spray volume or herbicide concentration, see appropriate changes in the ingredients of the test.

Regardless of spray volume, the amount of compatibility agent should be equal to two or three pints (two pints = 1/2 teaspoon or 1.2 milliliters, three pints = 3/8 teaspoon or 1.8 milliliters per pint of sprayable fluid fertilizer) per 100 gallons of liquid fertilizer.

#### C. Observations and Decisions

1. If the herbicide(s) and the sprayable fluid fertilizer are compatible.

2. If a compatibility agent is necessary.

Five minutes after the final addition and mixing, observe both jars for the formation of large flakes, sludge, gels or other precipitates. Observe if the herbicide(s) cannot be physically mixed with the liquid fertilizer but remains as small oily particles in the solution.

If incompatibility in any form described above occurs in the jar "with" the compatibility agent added, the liquid fertilizer and the herbicide(s) should not be used together in the same spray tank.

If incompatibility as described above occurs in the jar "without" the adjunct but not in the jar "with" adjunct, the use of a compatibility adjunct is recommended.

Both jars should be allowed to stand and be observed periodically for one-half hour. If the separate layers of liquid fertilizer and additives can be resuspended by shaking, commercial application is possible. An emulsifiable concentrate normally will go to the top after standing; dry flowables will either settle to the bottom of the tank or jar, or float to the top, depending upon the density of the herbicides.

If the herbicide(s) is compatible with fluid fertilizer in the foregoing test without having to use a compatibility agent, fluid fertilizer may be used for the premixing. If it is not compatible without the compatibility agent, the herbicide(s) should be premixed with water before adding to the spray tank.

### WEEDS CONTROLLED

When applied as directed under conditions described, the following annual grass and broadleaf weeds listed are CONTROLLED by Partner herbicide:

#### ANNUAL GRASSES

Barnyardgrass	Foxtail (yellow)
Echinochloa crus-galli	Setaria glauca
Crypsis	Cynopogon
(Smooth) Digitaria	Elymus indica
ischaemum	Johnsongrass (seedling)*
(Large) Digitaria	Sorghum halepense
sanguinalis	Panicum (tall)
Foxtail (plant)	Panicum
Setaria faberi	dichotomiflorum
Foxtail (green, robust)	Signalgrass (broadleaf)
purple, robust white)	Brachiaria platyphylla
Setaria viridis	Wickgrass
	Panicum capillare

#### ANNUAL BROADLEAVES

Clasby Starbur	Nightshade (hoary)
Acanthospermum	Solanum saracchoides
hispidum	Pigweed, Carduusweed
Burcucumber*	Amaranthus spp.
Sicyos angulatus	Palmetto (wild)
Carpenterweed	Euphorbia heterophylla
Mollugo verticillata	Punctureweed
Cocklebur	Tribulus terrestris
Xanthium strumarium	Purdies
Galinsoga	Portulaca oleraceae
Galinsoga spp.	Palmy (Florida)
Groundcherry (corbel)*	Richardia scabra
Physalis angulata	Ragweed
fimbricoides	(Common) Ambrosia
Datura stramonium	artemisiifolia
Lambquarters	(Giant) Amrosia
Chenopodium album	trifida
St. John (Venice)	Redweed*
Hibiscus bristum	Melochia corchorifolia
Stammingery	Sida (gichly), Tearweed
(Palmetto) Ipomoea	Sida spinosa
wrightii	Smartweed*
(Pitted) Ipomoea	(Ledybush) Poly-
lacunosa	gonum persicaria
(Smallflower) Jacque-	(Peanut) Poly-
moelia tamnifolia	gonum pennsylvanicum
Mustard	Sunflower (common)
Brassica spp.	Helianthus annuus
Nightshade	Valerian*
(uniform black)	Abutilon theophrasti
Solanum pycnanthum	

\* Preplant incorporate for control of these weeds.

When applied preplant incorporated, or preemergence immediately after planting and within 5 days of last tillage, Partner herbicide applied alone or in a labeled tank mixture REDUCES COMPETITION from the following hard-to-control annual weeds.

#### ANNUAL GRASSES

Panicum (tall)*	Sandbar, Grassbar
Panicum texanum	Cenchrus pauciflorus
Rice (tall)*	Shattercane (wild c.)**
Oryza sativa	Sorghum bicolor

#### SEDGE

Nutsedge (yellow)*
Cyperus esculentus

#### ANNUAL BROADLEAVES

Beggarweed (Florida)**	Sicklepod**
Oesmodium tortuosum	Cassia obtusifolia
Mesicanweed**	Spotted Spurge
Caperonia costaricensis	Euphorbia maculata
Morningglory*	
(Entireleaf) Ipomoea hederacea var. integrivulva	
(Turf) Ipomoea hederacea	
(Tall) Ipomoea purpurea	

\* For best activity on these weed species, preplant incorporate or water in Partner treatments.

\*\* Sequential postemergence treatments of Sedges herbicide applied before weed species exceed the 1 to 2 true leaf stage will control these weed species. Refer to the "SEQUENTIAL TREATMENT" section of the label for details.

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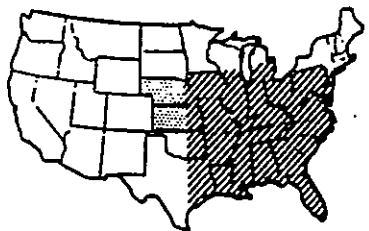
\* For best activity on these weed species, preplant incorporate or water in Partner treatments.

\*\* Sequential postemergence treatments of Scepter herbicide applied before weed species exceed the 1 to 2 true leaf stage will control these weed species. Refer to the "SEQUENTIAL TREATMENT" section of the label for details.

## DIRECTIONS FOR USE

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

Partner herbicide can be applied only in the states or parts of states shaded in the following map:



☐ = For irrigated soybeans only.

NOTE: See "SEQUENTIAL TREATMENTS" section in this label for geographical restrictions for this method of application.

## SOYBEANS

### APPROVED APPLICATION SYSTEMS

**Ground Broadcast Treatment** — Uniformly apply Partner in 10 or more gallons of water per acre using properly calibrated broadcast boom equipment. DO NOT apply during periods of gusty winds, when winds are in excess of 10 mph or when other conditions favoring drift exist.

**Band Treatment** — Apply a broadcast equivalent rate and volume per acre. To determine these:

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

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

### PARTNER® APPLICATION RATE

Apply Partner at a broadcast rate of 2.9 pounds per acre, or 1 bag of product per 5 acres.

Refer to the "WEEDS CONTROLLED" section of this label to determine specifics such as method of application for corresponding weed species.

### APPROVED APPLICATION TIMING AND METHODS

**Preplant Incorporation** — This product may be mixed into the soil using shallow incorporation equipment any time within 7 days prior to planting. Apply the recommended treatment rate to the soil surface as a broadcast application. Either existing soil moisture or subsequent precipitation or irrigation is required to bring incorporated herbicide into contact with germinating weed seedlings. If weeds emerge after treatment, rotary hoe or shallowly cultivate immediately to improve performance. Refer to the "Cultivation Information" section.

If soybeans are planted on beds, apply and incorporate after bed formation.

NOTE: Incorporation of this product in coarse soil types may reduce length of weed control due to further dilution by rainfall or irrigation.

**1-Pass Incorporation (Surface Blend™):** Shallowly incorporate the herbicide into the upper 1 to 2 inches of the soil. Equipment should be operated at manufacturer's design speed for 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 the herbicide into the upper 1 to 2 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 crop and weed emergence. Apply within 5 days of last preplant tillage. Performance is improved when moisture or irrigation is received within 7 days after application and prior to weed emergence. 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. Refer to the "Cultivation Information" section.

**Postemergence Surface Application** — Apply before soybeans exceed the unifoliate stage of growth (first two true leaves). Weeds which are emerged at time of application may not be controlled by this product. Rainfall or overhead sprinkler irrigation is required after application to move the herbicide into the weed germination zone to control unemerged weeds. If weeds are emerged at application or after treatment, shallowly cultivate or rotary hoe immediately to improve performance. Refer to the "Cultivation Information" section.

NOTE: The highest levels of weed control will be obtained when applications are made prior to the emergence of the crop and weeds and as near the last tillage operation as possible.

DO NOT graze treated area or feed treated forage to livestock following postemergence application of this product.

**Cultivation Information** — Delay cultivation after application for as long as possible unless broadleaf weeds or grasses emerge. There are situations after application when susceptible weeds may emerge, growth stops, and then the weeds either die or are not competitive with the crop. The overall activity will depend on weed species and location of the root system in the soil. Shallowly cultivate or rotary hoe immediately if broadleaf weeds or grasses emerge. If cultivation is necessary because of soil crusting or compaction, set equipment shallowly and minimize lateral soil movement to avoid dilution or displacement of the herbicide treatment. Only after weeds emerge in the treatment band, set cultivator to throw soil into the row covering the band.

™ Surface Blend is a trademark of Monsanto Company.

## TANK MIXTURES

### PARTNER® plus LASSO® MICRO-TECH®

In cases of heavy weed infestation or to improve weed control by alternate methods of application than found on this label (i.e., seedling johnsongrass, groundcherry, nightshade, smartweed, Texas panicum), Lasso Micro-Tech herbicide can be added to the recommended Partner herbicide treatment rate and methods of application described. Refer to the label booklet for Lasso Micro-Tech for specific recommendations. A maximum of 2 quarts of Lasso Micro-Tech per acre can be added to the 2.9 pound per-acre rate of Partner.

### PARTNER® plus ROUNDUP®

or

### PARTNER plus GRAMOXONE SUPER™

For situations that have emerged weeds, apply these tank mixtures in 10 to 40 gallons of water per acre immediately before, during or after planting but BEFORE CROP EMERGENCE. As density of stubble, weeds or crop residue increases, spray gallonage and rate should be increased within the recommended ranges to insure complete coverage.

### CONTROL OR SUPPRESSION OF EMERGED WEEDS

#### ROUNDUP®

**Annual Weeds** — Apply 1 quart of Roundup herbicide per acre in these tank mixtures if weeds are less than 6 inches tall, and use 1.5 quarts of Roundup if weeds are more than 6 inches tall for control of many emerged annual grasses and broadleaf weeds. For emerged annual weeds controlled, see the "WEEDS CONTROLLED" section of the label booklet for Roundup.

**Perennial Weeds** — At normal application dates in minimum tillage systems, perennial weeds may not be at the proper stage of growth for control. See the "GENERAL INFORMATION" section of the label booklet for Roundup for the proper stage of growth for perennial weeds. Use of 2 to 4 quarts of Roundup per acre in this tank mixture under these conditions provides top kill and reduces competition from many emerged perennial grass and

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broadleaf weeds. For perennial weeds controlled, see the "WEEDS CONTROLLED" section of the label booklet for Roundup.

To obtain control of perennial weeds, follow recommendations on the label booklet for Roundup for stage of growth and rate of application.

USE OF THE TANK MIXTURE FOR BERMUDAGRASS OR JOHNSONGRASS CONTROL IS NOT RECOMMENDED

NOTE: When using these tank mixtures do not exceed 4 quarts of Roundup herbicide per acre.

#### GRAMOXONE SUPER

NOTE: GRAMOXONE SUPER HERBICIDE IS A POISON WHICH MAY BE FATAL OR HARMFUL TO HUMANS AND DOMESTIC ANIMALS.

**Broadcast Treatment** — Apply 1-1/2 to 2-1/2 pints of Gramoxone Super in this tank mixture immediately before, during or after planting but BEFORE CROP EMERGENCE. Use the 2-1/2 pint rate if any weeds are 4 to 6 inches tall. This mixture may not control weeds taller than 6 inches. As density of stubble, crop residue or weeds increases, spray gallonage should be increased within the recommended range for complete coverage. Add a nonionic spreader surfactant (approved for use on growing crops) containing at least 75 percent surface active agent at 8 fluid ounces per 100 gallons of diluted spray. Refer to the Gramoxone Super label for precautionary statements.

#### SEQUENTIAL TREATMENTS

Partner herbicide applied preplant incorporated or pre-emergence followed by a sequential treatment of 2/3 pint per acre of Scepter herbicide postemergence will control Florida beggarweed, Mexicanweed, and sicklepod. The sequential postemergence treatment should be applied before weed species exceed the 1 to 2 true-leaf stage.

This sequential application program may be used in Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, North Carolina, South Carolina and Tennessee only.

843.93-001.09/53

Patent pending.  
Printed in U.S.A.

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

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# PARTNER<sup>®</sup>

## WATER DISPERSIBLE GRANULE

HERBICIDE BY **Monsanto**

ACCEPTED

NOV - 4 1987

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 524-400

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.

Carefully follow detailed instructions in attached booklet.

Read the entire label before using this product.

Use only according to label instructions.

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

Keep out of reach of children.

**CAUTION!** Read precautions on back panel.

REFORMULATION OR REPACKAGING IS PROHIBITED

ACTIVE INGREDIENTS:

Alachlor, [2-chloro-2'6'-diethyl-N-(methoxymethyl) acetanilide] .....	69.6%
Imazaquin (2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-3-quinolinecarboxylic acid) .....	4.4%
INERT INGREDIENTS: .....	26.0%

100.0%

### NET 14.5 LBS

This product contains

# SCEPTER<sup>®</sup>

herbicide

\*PARTNER is a registered trademark of Monsanto Company

\*SCEPTER is a registered trademark of American Cyanamid Company

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### PRECAUTIONARY STATEMENTS

#### Hazards to Humans and Domestic Animals

Keep out of reach of children.

### CAUTION!

MAY CAUSE EYE IRRITATION.

MAY CAUSE ALLERGIC SKIN REACTION.

Avoid contact with eyes, skin and clothing.

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 Partner must be washed before reuse.

Wash thoroughly with soap and water after handling.

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

**IF ON SKIN,** immediately flush with plenty of water while removing contaminated clothing. Wash clothing before reuse. Sensitized persons should avoid further contact and reuse of contaminated clothing.

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

#### Environmental Hazards

This product contains atechlor which 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.

Care must be taken when using this product to prevent back-siphoning into wells, spills or improper disposal of excess pesticide, spray mixtures or rinsates.

Check valves or anti-siphoning devices must be used on all mixing equipment. Disposal of excess pesticide, spray mixtures, 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 directly to water or wetlands. Do not contaminate water by cleaning of equipment or disposal of wastes.

#### Storage and Disposal

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

#### STORAGE:

Keep bags/containers closed to prevent spills and contamination.

#### 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 buried on site in a safe place away from water supplies. All disposal should be in accordance with applicable Federal, State or local procedures.

Emptied container retains product residue. Observe all labeled safeguards until container is destroyed.

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

#### 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 OR IMPLIED WARRANTY OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY 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, application to or contact with desirable vegetation, 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.

The 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.

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

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