

See the following table for recommended rates of Partner and Lorox Plus in this tank mixture.

SOIL TEXTURAL GROUP*	BROADCAST RATE PER ACRE**		
	Partner® (pounds)	+	Lorox Plus (ounces)
Coarse sandy loam only	2.6 to 3.4		12 to 14
Medium	3 to 3.8		14 to 16
Fine	3.8 to 4.5		16 to 18

\*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 of Partner and Lorox Plus in areas of heavy weed infestation.

■ **PARTNER® plus PREVIEW** ■

For weeds controlled preemergence, see the "WEEDS CONTROLLED" section of this label for Partner and Partner plus Preview.

NOTE: Observe all precautions and limitations on the Partner and Preview labels, including precautions on soil pH, sensitive soybean varieties and rotation crop restrictions. See the following table for recommended rates of Partner and Preview in this tank mixture.

SOIL TEXTURAL GROUP*	BROADCAST RATE PER ACRE**		
	Partner® (pounds)	+	Preview (ounces)
Coarse sandy loam only	2.6 to 3.4		6
Medium	3 to 3.8		7
Fine	3.8 to 4.5		8

\*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 of Partner in areas of heavy weed infestation.

■ **PARTNER® plus PREVIEW plus LOROX PLUS** ■

For weeds controlled preemergence, see the "WEEDS CONTROLLED" section of this label for Partner plus Preview.

NOTE: Observe all precautions and limitations on the labels for Partner, Preview and Lorox Plus, including precautions on soil

pH, sensitive soybean varieties and rotational crop restrictions.

See the following table for recommended rates of Partner, Preview and Lorox Plus in this tank mixture.

SOIL TEXTURAL GROUP*	BROADCAST RATE PER ACRE**		
	Partner® (pounds)	+ Preview (ounces)	+ Lorox Plus (ounces)
Coarsesandy loam only	2.6 to 3.4	3	6
Medium	3 to 3.8	3.5	7
Fine	3.8 to 4.5	4	8

\*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 of Partner in areas of heavy weed infestation.

**PARTNER® plus PURSUIT**

For weeds controlled preemergence, see the "WEEDS CONTROLLED" section of this label for Partner plus Pursuit.

NOTE: Observe all precautions and limitations on the Partner and Pursuit labels before use of this tank mixture, including minimum recropping interval and rotational guidelines.

See the following table for recommended rates of Partner and Pursuit in this tank mixture.

SOIL TEXTURAL GROUP*	BROADCAST RATE PER ACRE**	
	Partner® (pounds)	+ Pursuit (ounces)
Coarse	2.6 to 3.4	4
Medium	3 to 3.8	4
Fine	3.8 to 4.5	4

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

\*\*Use the higher rate of Partner in areas of heavy weed infestation.

**PARTNER® plus SCEPTER**

For weeds controlled preemergence, see the "WEEDS CONTROLLED" section of this label for Partner and Partner plus Scepter.

Note: Observe all precautions and limitations on the Partner and Scepter labels before use of this tank mixture, including minimum recropping interval and rotational guidelines.

See the following table for recommended rates of Partner and Scepter in this tank mixture.

SOIL TEXTURAL GROUP*	BROADCAST RATE PER ACRE**	
	Partner® (pounds)	+ Scepter (pints)
Coarse sandy loam only	2.6 to 3.4	2/3
Medium	3 to 3.8	2/3
Fine	3.8 to 4.5	2/3

\*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 of Partner in areas of heavy weed infestation.

**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.

If emerged weeds are present at the time of treatment, Roundup, or Gramoxone Extra should be added to the product according to the directions for use on their respective product labels. If unsatisfactory weed control occurs (due to excessively dry or excessively wet conditions) following the earlier application, a postemergence application of an appropriate labeled grass and/or broadleaf weed herbicide may be used. If a postemergence treatment includes the herbicide used early preplant, do not exceed the labeled rate for corn on a given soil texture. Observe all precautions and limitations on the labels for Partner, Roundup, Gramoxone Extra and other postemergence herbicides before use of these products.

DO NOT apply tank mixtures containing Roundup, Gramoxone Extra or other contact herbicides by air.

**PARTNER®**

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.

APPROVED APPLICATION SYSTEMS

Ground - Broadcast boom

Aerial - Fixed wing; helicopter

Center Pivot Irrigation

Dry Bulk Fertilizer Impregnation

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

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.

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 but before crop emergence.

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

SOIL TEXTURAL GROUP	<u>BROADCAST RATE PER ACRE (POUNDS)</u>	
	Partner®	
Coarse	3.8	
Medium	4.5	
Fine	4.5	

In order to provide broad spectrum weed control, both single and split applications of this product must be followed with a planned postemergence application of a labeled broadleaf and/or grass herbicide. Observe the directions 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.

PARTNER® plus CANOPY  
(TANK MIXTURE)

This tank mixture, when applied in a single application or split application in an early preplant program, will provide preemergence

control or reduced competition of the annual grasses and broadleaf weeds listed in the "WEEDS CONTROLLED" section of this label.

NOTE: Observe all precautions and limitations on the Partner and Canopy labels, including precautions on soil pH, sensitive soybean varieties, minimum recropping interval and rotational guidelines.

DO NOT plant rice or peanuts within 18 months after application of this tank mixture.

APPROVED APPLICATION SYSTEMS

Ground - Broadcast boom

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

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.

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 but before crop emergence.

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

SOIL TEXTURAL GROUP*	BROADCAST RATE PER ACRE**	
	Partner (pounds)	+ Canopy (ounces)
Coarse	3.8	6 to 8
Medium	3.8 to 4.5	8 to 10
Fine	4.5	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 of Partner and Canopy in areas of heavy weed infestation.

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

**PARTNER® plus LOROX PLUS  
(TANK MIXTURE)**

This tank mixture, when applied in a single application or split application in an early preplant program, will provide preemergence control or reduced competition of the annual grasses and broadleaf weeds listed in the "WEEDS CONTROLLED" section of this label.

**NOTE:** Observe all precautions and limitations on the Partner and Lorox Plus labels, including precautions on soil pH, sensitive soybean varieties, minimum recropping interval and rotational guidelines.

**APPROVED APPLICATION SYSTEMS**

Ground - Broadcast boom

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

**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.

**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 but before crop emergence.

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

SOIL TEXTURAL GROUP <sup>1</sup>	BROADCAST RATE PER ACRE**	
	Partner® (pounds)	+ Lorox Plus (ounces)
Coarse	3.8	12 to 14
Medium	3.8 to 4.5	14 to 16
Fine	4.5	16 to 18

<sup>1</sup>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 of Partner and Lorox Plus in areas of heavy weed infestation.

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

**PARTNER® plus PREVIEW  
(TANK MIXTURE)**

This tank mixture, when applied in a single application or split application in an early preplant program, will provide preemergence control or reduced competition of the annual grasses and broadleaf weeds listed in the "WEEDS CONTROLLED" section of this label.

**NOTE:** Observe all precautions and limitations on the Partner and Preview labels, including precautions on soil pH, sensitive soybean varieties, minimum recropping interval and rotational guidelines.

**APPROVED APPLICATION SYSTEMS**

Ground -- Broadcast boom

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

**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.

**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 but before crop emergence.

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

<b>BROADCAST RATE PER ACRE**</b>		
<b>SOIL TEXTURAL GROUP*</b>	<b>Partner® (pounds)</b>	<b>+ Preview (ounces)</b>
Coarse	3.8	6 to 7
Medium	3.8 to 4.5	7 to 8
Fine	4.5	8 to 9

\*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 of Partner and Preview in areas of heavy weed infestation.

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

**PARTNER® plus PREVIEW plus LOROX PLUS  
(TANK MIXTURE)**

This tank mixture, when applied in a single application in an early preplant program, will provide preemergence control or reduced competition of the annual grasses and broadleaf weeds listed in the "WEEDS CONTROLLED" section of this label.

NOTE: Observe all precautions and limitations on the Partner, Preview and Lorox Plus labels, including precautions on soil pH, sensitive soybean varieties, minimum recropping interval and rotational guidelines.

**APPROVED APPLICATION SYSTEMS**

Ground - Broadcast boom

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

**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.

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

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

SOIL TEXTURAL GROUP*	BROADCAST RATE PER ACRE**		
	Partner® (pounds)	+ Preview + (ounces)	Lorox Plus (ounces)
Coarse	3.8	3	6
Medium	2.8 to 4.5	3.5	7
Fine	4.5	4	8

\*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 of Partner in areas of heavy weed infestation.

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

**PARTNER® plus PURSUIT  
(TANK MIXTURE)**

This tank mixture, when applied in a single application or split application in an early preplant program, will provide preemergence control or reduced competition of the annual grasses and broadleaf weeds listed in the "WEEDS CONTROLLED" section of this label.

NOTE: Observe all precautions and limitations on the Partner and Pursuit labels, including precautions on soil pH, sensitive soybean varieties, minimum recropping interval and rotational guidelines.

**APPROVED APPLICATION SYSTEMS**

Ground - Broadcast boom

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

**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.

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 but before crop emergence.

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

<b>BROADCAST RATE PER ACRE**</b>			
<b>SOIL TEXTURAL GROUP*</b>			
	<b>Partner® (pounds)</b>	<b>+</b>	<b>Pursuit (ounces)</b>
Coarse	3.8		4
Medium	3.8 to 4.5		4
Fine	4.5		4

\*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 of Partner in areas of heavy weed infestation.

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

**PARTNER® plus SCEPTER  
(TANK MIXTURE)**

This tank mixture, when applied in a single application or split application in a early preplant program, will provide preemergence control or reduced competition of the annual grasses and broadleaf weeds listed in the "WEEDS CONTROLLED" section of this label.

NOTE: Observe all precautions and limitations on the Partner and Scepter labels, including precautions on soil pH, sensitive soybean varieties, minimum re-cropping interval and rotational guidelines.

**APPROVED APPLICATION SYSTEMS**

Ground - Broadcast boom

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

**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.

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 but before crop emergence.

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

**BROADCAST RATE PER ACRE\*\***

SOIL TEXTURAL GROUP*	Partner® (pounds)	+	Scepter (pints)
Coarse	3.8		2/3
Medium	3.8 to 4.5		2/3
Fine	4.5		2/3

\*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 of Partner in areas of heavy weed infestation.

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

**DRY BEANS**

When making applications on dry beans, do not make more than one application per year or exceed a total of 4.5 pounds of Partner per acre per year.

**Dry Beans (All Types)**

FOR USE ONLY WEST OF THE MISSISSIPPI  
RIVER, EXCEPT IN KERN COUNTY, CALIFORNIA.

**PARTNER®**

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

NOTE: DO NOT APPLY ON DRY BEANS AFTER PLANTING AS CROP INJURY MAY OCCUR. This product may delay crop maturity and/or reduce yield if cold, wet soil conditions occur after planting.

Do not feed forage or hay from treated crop.

**APPROVED APPLICATION SYSTEMS**

Ground Broadcast boom

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.

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

**RECOMMENDED RATES:** Apply 3.8 to 4.5 pounds of this product per acre and shallowly incorporate prior to planting. Use the higher rate in areas of heavy weed infestation or when eastern black or hairy nightshade or yellow nutsedge are present. Applications which are not consistent with recommendations in this label may result in unsatisfactory weed control or crop injury.

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**PARTNER® plus EPTAM  
(TANK MIXTURE)  
Dry Beans (All Types)**

**FOR USE ONLY IN MICHIGAN AND  
WEST OF THE MISSISSIPPI RIVER,  
EXCEPT IN CALIFORNIA**

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

**NOTE:** Read the label for Eptam thoroughly for rotational crop restrictions. This tank mixture may delay crop maturity and/or reduce yield if cold, wet soil conditions occur after planting.

Do not feed forage or hay from treated crop.

**APPROVED APPLICATION SYSTEMS**

Ground Broadcast boom

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

**APPROVED APPLICATION METHODS**

**Preplant Incorporated** Apply this tank mixture within 7 days prior to planting and shallowly incorporate into the upper 2 inches of soil immediately.

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

**RECOMMENDED RATES:** Apply 3 to 4.5 pounds of partner plus 2 to 3 pints of Eptam 7-E per acre. Use the higher recommended rate of Partner for this tank mixture when heavy weed infestations, eastern

black or hairy nightshade or yellow nutsedge are present. USE ONLY THE 3-POUND RATE OF PARTNER IN MICHIGAN. Applications which are not consistent with recommendations in this label may result in unsatisfactory weed control or crop injury.

**PARTNER® plus TREFLAN  
(TANK MIXTURE)  
Dry Beans (All Types)**

**FOR USE ONLY WEST OF THE MISSISSIPPI  
RIVER, EXCEPT IN KERN COUNTY, CALIFORNIA.**

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

**NOTE:** Read the label for Treflan thoroughly for rotational crop restrictions. This tank mixture may delay crop maturity and/or reduce yield if cold, wet soil conditions occur after planting.

Do not feed forage or hay from treated crop.

**APPROVED APPLICATION SYSTEMS**

Ground Broadcast boom

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

**APPROVED APPLICATION METHODS**

**Preplant Incorporated** Apply this tank mixture within 7 days prior to planting and shallowly incorporate into the upper 2 inches of soil within 8 hours after application.

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

**RECOMMENDED RATES:** Apply 3.8 to 4.5 pounds of this product plus 1/2 quart of Treflan per acre. Use the higher rate of this product for this tank mixture in areas of heavy weed infestation or when eastern black or hairy nightshade or yellow nutsedge are present. Applications which are not consistent with recommendations in this label may result in unsatisfactory weed control or crop injury.

**PARTNER®**

**Red Kidney Bean Types Only**

**FOR USE IN ILLINOIS AND WISCONSIN ONLY**

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

NOTE: This product may delay crop maturity and/or reduce yield if cold, wet soil conditions occur after planting.

Do not feed forage or hay from treated crop.

**APPROVED APPLICATION SYSTEMS**

Ground Broadcast boom; banded

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

**Preemergence Surface** Apply this product 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 application timing and method selected.

**RECOMMENDED RATES:** Apply 3.8 to 4.5 pounds of this product per acre. Use the higher recommended rate when heavy weed infestations, eastern black or hairy nightshade or yellow nutsedge are present. Preplant incorporate only for control of yellow nutsedge.

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**LIMA BEANS (GREEN)**

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When making applications on lima beans, do not make more than one application per year or exceed a total of 4.5 pounds of Partner per acre per year.

**FOR USE IN ALL STATES,  
EXCEPT IN KERN COUNTY, CALIFORNIA**

**PARTNER®**

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

NOTE: This product may delay crop maturity and/or reduce yield if cold, wet soil conditions occur after planting.

Do not feed forage or hay from treated crop.

APPROVED APPLICATION SYSTEMS

Ground Broadcast boom

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.

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

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

RECOMMENDED RATES: Refer to the following table for recommended broadcast treatment rates.

Preplant Incorporated Application Rates

SOIL TEXTURAL GROUP*	BROADCAST RATE PER ACRE (POUNDS)
	Partner*
Coarse	3
Medium	3.8 to 4.5
Fine**	3.8 to 4.5

\*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 infestation or when eastern black or hairy nightshade or yellow nutsedge are present.

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**Surface Application Rates**

SOIL TEXTURAL GROUP*	BROADCAST RATE PER ACRE (POUNDS)
	Partner®
Coarse	2.3 to 3
Medium	3.8 to 4.5
Fine**	3.8 to 4.5

\*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 infestation or when eastern black or hairy nightshade are present.

NOTE: Preemergence applications are not recommended for use in Illinois or Wisconsin as crop injury may occur.

**MUNG BEANS**

When making applications on mung beans, do not make more than one application per year or exceed a total of 3 pounds of Partner per acre per year.

**FOR USE IN OKLAHOMA ONLY**

**PARTNER®**

Apply this product in water solution for control of 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 product using the system selected.

Do not feed forage or hay from treated crop.

**APPROVED APPLICATION METHODS**

**Preemergence Surface** Apply this product 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 application timing and method selected.

RECOMMENDED RATES: Refer to the following table for recommended broadcast rates.

**Surface Application Rates**

SOIL TEXTURAL GROUP	BROADCAST RATE PER ACRE (POUNDS)
	Partner®
Coarse*	2.3
Medium	3
Fine	3

\*DO NOT USE ON SAND AS CROP INJURY MAY OCCUR.

**WOODY ORNAMENTALS**

**PARTNER®**

FOR USE ON JUNIPER  
(JUNIPERUS SPP.)  
AND YEW (TAXUS SPP.)

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

NOTE: Topical application or contact of this product with green foliage of the woody ornamental may cause injury and is not recommended. In case green foliage is accidentally sprayed, overhead irrigation within 1 hour after application will minimize injury symptoms (i.e., leaf tip burn, discoloration, distortion, etc.). This product is recommended for this use for application by certified, professional applicators only.

DO NOT USE THIS PRODUCT ON SEEDBEDS, UNROOTED CUTTINGS OR PRIOR TO TRANSPLANTING. DO NOT USE THIS PRODUCT IN GREENHOUSES OR OTHER ENCLOSED STRUCTURES, APPLIED THROUGH IRRIGATION SYSTEMS OR MIXED WITH SPRAYABLE FLUID FERTILIZERS. APPLICATIONS DURING PERIODS WHEN TEMPERATURE EXCEEDS 90°F MAY CAUSE INJURY TO ORNAMENTALS.

**APPROVED APPLICATION SYSTEMS**

Ground Broadcast boom; banded

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

APPROVED APPLICATION METHODS

Post-Transplant Directed Apply this product as a directed spray after transplanting or to established plantings prior to weed emergence.

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

RECOMMENDED RATES: Apply 6 pounds of this product per acre as a broadcast treatment. Applications which are not consistent with the recommendations in this label may result in unsatisfactory weed control or injury to ornamental plantings.

NOTE: Repeat applications of this product may be required for sustained weed control. DO NOT exceed 2 applications or 9 pounds of Partner per acre per year or re-treat within 21 days.

APPENDIX

LIST OF COMMON AND SCIENTIFIC NAME OF ANNUAL GRASSES AND BROADLEAF WEEDS.

ANNUAL GRASSES

Barnyardgrass  
*Echinochloa crus-galli*

Crabgrass  
*Digitaria ischaemum*  
*Digitaria sanguinalis*

Cupgrass, woolly  
*Eriochloa villosa*

Foxtail, giant  
*Setaria faberi*

Foxtail, green, robust  
purple, robust white  
*Setaria viridis*

Foxtail, yellow  
*Setaria lutescens*

Goosegrass  
*Eleusine indica*

Johnsongrass, seedling  
*Sorghum halepense*

Millet, proso

**Panicum miliaceum**

**Panicum, browntop**  
**Panicum fasciculatum**

**Panicum, fall**  
**Panicum dichotomiflorum**

**Panicum, Texas**  
**Panicum texanum**

**Rice, red**  
**Oryza sativa**

**Sandbur, Grassbur**  
**Cenchrus incertus**

**Shattercane, wild cane**  
**Sorghum bicolor**

**Signalgrass, broadleaf**  
**Brachiaria platyphylla**

**Sprangletop, red**  
**Leptochloa filiformis**

**Witengrass**  
**Panicum capillare**

**ANNUAL BROADLEAVES**

**Beggarweed, Florida**  
**Desmodium tortuosum**

**Carpetweed**  
**Mollugo verticillata**

**Cocklebur**  
**Xanthium strumarium**

**Coffeeweed,**  
**Hemp sesbania**  
**Sesbania exaltata**

**Copperleaf, hophornbeam**  
**Acalypha spp.**

**Galinsoga**  
**Galinsoga spp.**

**Groundcherry, annual**  
**Physalis spp.**

**Groundcherry, cutleaf**  
**Physalis angulata**

**Jimsonweed**

*Datura stramonium*

**Kochia**

*Kochia scoparia*

**Lambsquarters**

*Chenopodium album*

**Morningglory:**

**Tall**

*Ipomoea purpurea*

**Pitted**

*Ipomoea lacunosa*

**Ivyleaf**

*Ipomoea hederacea*

**Entireleaf**

*Ipomoea hederacea*  
var. *intergriuscula*

**Smallflower**

*Jacquemontia tamnifolia*

**Mustard**

*Brassica spp.*

**Nightshade, black**

*Solanum nigrum*

**Nightshade, hairy**

*Solanum sarrachoides*

**Pigweed, Carelessweed**

*Amaranthus spp.*

**Purslane**

*Portulaca oleracea*

**Pusley, Florida**

*Richardia scabra*

**Ragweed, common**

*Ambrosia artemisiifolia*

**Ragweed, giant**

*Ambrosia trifida*

**Sicklepod**

*Cassia obtusifolia*

**Sida, prickly; Teaweed**

*Sida spinosa*

**Smartweed**

*Polygonum pennsylvanicum*

*Polygonum persicaria*

Starbur, bristly  
*Acanthospermum*  
*hispidum*

Sunflower, common  
*Helianthus annuus*

Velvetleaf, Buttonweed  
*Abutilon theophrasti*

Waterhemp  
*Amaranthus tuberculatus*

**SEDGE**

Nutsedge, yellow  
*Cyperus esculentus*

EPA Reg. No. 524-4030

843.12-000.58/53

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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.

PM 19 279-3023

File  
1044



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

APR - 6 1994

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Warren L. Smith  
FMC CORP.  
ACG SPECIALITY PRODUCTS  
1735 Market Street  
Philadelphia, PA 19103

Subject: Label Amendment Submission of 02/18/94 in Response to PR Notice 93-7  
EPA Reg. No. 279-3023  
FURADAN 15G INSECTICIDE NEMATICIDE

Dear Registrant:

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

**WHAT THIS ACCEPTANCE MEANS:**

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

**WHAT YOU NEED TO DO NEXT:**

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

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



Recycled/Recyclable  
Printed with Soy/Canola Ink  
contains at least 50% recycled fiber

2074

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

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

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

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

Sincerely,



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

Attachment

**BEST AVAILABLE COPY**

Code 3669

304

# RESTRICTED USE PESTICIDE

Due To Avian Toxicity

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.

Net Weight

# Furadan® 15 G Insecticide-Nematicide For Agricultural or Commercial Use Only

EPA Reg. No. 279-3023

EPA Est. 279-

**Active Ingredient:**

\*Carbofuran .....15.0%

**Inert Ingredients:** .....85.0%

100.0%

\*2,3-Dihydro-2,2-dimethyl-7-benzofuranylmethylcarbamate

**KEEP OUT OF REACH OF CHILDREN**

## WARNING

## AVISO

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

### STATEMENT OF PRACTICAL TREATMENT

**If swallowed:** Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention.

**If in eyes:** Flush with plenty of water for at least 15 minutes. Get medical attention.

**If on skin:** Wash skin immediately with soap and water.

**Antidote**

**Note to Physician:** Carbofuran is an N-methyl carbamate and a reversible cholinesterase inhibitor. Do not use oximes such as 2-PAM. Start by giving 2 mg. atropine intramuscularly. According to clinical response, continue until signs of atropinization occur (dry mouth or dilated pupils). If in eye, instill one drop of homatropine.

For Emergency Assistance Call (800) 331-3148

See Side Panel For Additional Precautionary Information.

ACCEPTED  
with COMMENTS  
In EPA Letter Dated

APR 6 1991

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

279-3023



FMC Corporation  
Agricultural Chemical Group  
Philadelphia PA 19103

3/93

### PRECAUTIONARY STATEMENTS Hazards to Humans (and Domestic Animals)

**Warning**

Poisonous if swallowed. May be fatal or harmful as a result of skin or eye contact or by breathing dust. Causes cholinesterase inhibition. Warning symptoms of poisoning include weakness, headache, sweating, nausea, vomiting, diarrhea, tightness in chest, blurred vision, pinpoint eye pupils, abnormal flow of saliva, abdominal cramps, and unconsciousness. Atropine sulfate is antidotal.

**Personal Protective Equipment:**

Applicators and other handlers must wear: long-sleeved shirt and long pants, waterproof gloves, shoes plus socks, and a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C).

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 pesticides (40 CFR 170.240 (d) (4-6)), the handler PPE requirements may be reduced or modified as specified in the WPS.

#### User Safety Recommendations:

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### Environmental Hazards

This pesticide is toxic to fish, birds and other wildlife. Birds feeding on treated areas may be killed. Birds killed by carbofuran pose a hazard to hawks and other birds-of-prey; contact your state wildlife agency or the U.S. Fish and Wildlife Service upon finding birds or other animals that may have been poisoned. Cover or incorporate granules in spill areas. Runoff from treated areas may be hazardous to fish in neighboring areas. Do not apply directly to water. Do not contaminate wells, wetlands or any body of water by cleaning of equipment or disposal of waste.

**Notice:** It is a Federal offense to use any pesticide in a manner that results in the death of a member of an endangered species.

The use of Furadan 15 G may pose a hazard to the following Federally designated endangered/threatened species known to be found in certain areas within the named locations.

- Attwater's Greater Prairie Chicken - Texas counties including: Aransas, Austin, Brazoria, Colorado, Galveston, Goliad, Harris, Refugio and Victoria
- Aleutian Canada Goose - California counties including Colusa, Merced, Stanislaus and Sutter
- Kern Primrose Sphinx Moth - Walker Basin of Kern County, California.

This product may not be used in areas where adverse impact on the Federally designated endangered/threatened species, noted above, is likely. Prior to making applications, the user of this product must determine that no such species are located in or immediately adjacent to the area to be treated. If the user is in doubt whether or not the above named endangered species may be affected, he should contact either the regional U.S. Fish and Wildlife Service office (Endangered Species Specialist) or personnel of the State Fish and Game office.

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

**BEST AVAILABLE COPY**



## DIRECTIONS FOR USE

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

Do not use this product on Long Island, N.Y. Do not use this product on corn or sorghum after 8/31/94.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

## 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), notification to workers, 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 enter or allow worker entry into treated areas during the restricted entry interval (REI) of 48 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 earth 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.

Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

## STORAGE AND DISPOSAL

### Pesticide Storage

Do not store in or around the home.

Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, fold and roll back bags, clamp and close tightly. Do not put concentrate or dilute material into food or drink containers. Do not contaminate other pesticides, fertilizers, water, food or feed by storage or disposal.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills. Call FMC: (800) 331-3148.

To confine spill: If liquid, dike surrounding area or absorb with sand, cat litter or commercial clay. If dry material, cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

### Pesticide Disposal

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

### Container Disposal

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.

## General Use Instructions

Cover or incorporate granules in spill areas.

Do not plant with any crop other than alfalfa artichokes bananas, barley coffee, corn (field pop or sweet) cotton, cranberries, cucurbits (cucumbers, melons, pumpkins, squash), flax, grapes, non-bearing fruit, oats, ornamentals, peanuts, peppers, potatoes, rice, seed crops (Bermuda-grass, spinach), sorghum, strawberries, soybeans, sugar beets, sugarcane, sunflowers, tobacco, or wheat for at least 10 months following use of this product.

## Cranberries—Washington Only

Insects Controlled	Rate of Application	Method of Application
Black Vine Weevil	13.3 Pounds per acre	Spread granules uniformly over soil surface using a rotary spreader. Make one application about June 15 to 25 and repeat one month later. Incorporate granules by following each application with sprinkler irrigation.

For use only on cranberry bogs that are sprinkler irrigated and are not flooded for purposes of irrigation or harvest.

Do not apply within 60 days of harvest.

## Cucurbits (Cucumber, Melons, Squash, Pumpkins)—Southeastern States Only

Insects Controlled	Rate of Application	Method of Application
Nematodes (Dagger, Lesion and Root-Knot)	1½ pounds per 1,000 linear feet of row	Apply in a 12 to 15 inch band and incorporate into the top 3 inches of soil.

## Pine Seedlings in Pine Progeny Tests

Insects Controlled	Rate of Application	Method of Application
Pale Weevil Pitch-Eating Weevil Nantucket Pine Tip Moth Pitch Pine Tip Moth	7 grams (¼ teaspoon) per seedling	Apply at transplanting. Distribute the granules in a 6 inch radius on the soil around each seedling. Cover granules with soil.

Do not use at transplanting if seedlings were treated with Furadan 4F slurry root dip.

Note: FMC will sell this product in conformity to volume limitations agreed to with EPA.

## Dealers Should Sell in Original Packages Only.

**Terms of Sale or Use:** On purchase of this product buyer and user agree to the following conditions:

**Warranty:** FMC makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Except as so warranted the product is sold as is. Buyer and user assume all risk of use and/or handling and/or storage of this material when such use and/or handling and/or storage is contrary to label instructions.

**Directions and Recommendations:** Follow directions carefully. Timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the seller and are assumed by the buyer at his own risk.

**Use of Product:** FMC's recommendations for the use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice.

**Damages:** Buyer's or user's exclusive remedy for damages for breach of warranty or negligence shall be limited to direct damages not exceeding the purchase price paid and shall not include incidental or consequential damages.

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