

100 2, 1991

Mr. Victor A. Dorr
Hoechst Celanese Corporation
Route 200-205, P.O. Box 2500
Somerville, NJ 08876-1258

Dear Mr. Dorr:

Subject: Whip[®] IEC Herbicide
EPA Registration No. 8340-23
Application To Amend Registration Dated April 9, 1991
To Add Use On Wheat

Dakota[®] TP Herbicide
EPA Registration No. 8340-23
Letter Request To Amend Registration Dated March 15, 1991
To Register A Twin-Pack Product Containing Whip[®] IEC
Herbicide and MCP Ester Herbicide (EPA Registration
No. 62719-59)

Dakota[®] Plus TP Herbicide
EPA Registration No. 8340-23
Letter Request To Amend Registration Dated August 16, 1991
To Register A Triple-Pack Product Containing Whip[®] IEC
Herbicide, MCP Ester Herbicide (EPA Registration
No. 62719-59) and Express[®] Herbicide (EPA Reg. No.
352-509)

Cheyenne[®] TP Herbicide
EPA File Symbol 8340-23
Letter Request to Amend Registration Dated August 16, 1991
To Register A Triple-Pack Product Containing Whip[®] IEC
Herbicide, MCP Ester Herbicide (EPA Registration No.
621719-59) and Harmony[®] Extra Herbicide (EPA Reg. No.
352-538)

The subject application and requests for amending the registration and the labeling submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) as amended is acceptable provided that you:

BEST AVAILABLE COPY

-2-

Submit five (5) printed copies of the final printed labeling before releasing the product for shipment.

If this condition is not complied with, the registration will be subject to cancellation in accordance with FIFRA, Section 6(e). Your release for shipment of the product constitutes acceptance of this condition.

A stamped copy of the labeling is enclosed for your records.

Sincerely yours,

Joanne I. Miller
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (H7505C)

Enclosure

E.Wilson:Diskette #00001: 08-22-91

3/63

Revised August 15, 1991

[Container Label - 4 Pages]

WHIP^(R) 1EC HERBICIDE

FOR SELECTIVE POSTEMERGENCE ANNUAL AND PERENNIAL GRASS CONTROL
IN RICE, WHEAT, SOYBEANS, COTTON, PEANUTS AND ACRPAGE
CONSERVATION RESERVE (SET-ASIDE)

ACTIVE INGREDIENT:

fenoxaprop-ethyl: (+)-ethyl 2-[4-[(6-chloro-2-
benzoxazolyl)oxy]phenoxy]propanoate..... 12.50%*

INERT INGREDIENTS:..... 87.50%**

TOTAL 100.00%

* Equivalent to 1.00 pound of active ingredient per gallon.

** This product contains the toxic inert ingredient
dimethylformamide.

KEEP OUT OF REACH OF CHILDREN

WARNING

SEE SIDE PANELS FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

SEE ATTACHED FOLDER FOR COMPLETE DIRECTIONS OF USE AND
ADDITIONAL INFORMATION.

EPA EST. NO.

EPA Reg. No. 8340-23

NET CONTENTS: 1 Gallon
2.5 Gallons

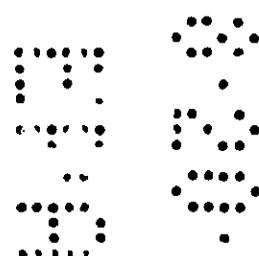
ACCEPTED
with COMMENTS
EPA Letter Dated:

AUG 23 1991

Hoechst Celanese

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

8340-23



Hoechst Celanese Corporation
Route 202-206
PO Box 2500
Somerville, NJ 08876-1258

Hoechst

PRECAUTIONARY STATEMENTS

WARNING

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

May cause substantial but temporary eye injury. Do not get in eyes. Wear goggles or face shield and impermeable rubber gloves (such as neoprene or PVC) while mixing. Harmful if swallowed, absorbed through skin or inhaled. Do not take internally. Avoid inhalation of vapor or spray mist. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Drift or runoff may adversely affect nontarget plants. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

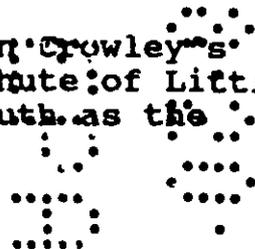
ENDANGERED SPECIES RESTRICTIONS

The use of Whip 1EC Herbicide on rice is restricted to protect the endangered fat pocketbook pearly mussel (Potamilus capax) and its habitat. Use is prohibited in the following areas of Arkansas:

Mississippi County - Within the basin that drains directly into the Right Hand Chute of Little River, south of Big Lake National Wildlife Refuge.

Poinsett County - Between Crowley's Ridge and the levee east of the Right Hand Chute of Little River and the St. Francis Floodway. Use is also prohibited west of Route 140 and north of Route 63 at the siphon near Marked Tree. The prohibited area does not include the area bounded by Arkansas Highway 373 on the west, Highway 63 on the east, and Highway 14 on the south.

Cross, St. Francis and Lee Counties - Between Crowley's Ridge and the levee east of the Right Hand Chute of Little River and the St. Francis Floodway as far south as the confluence of L'Anguille River (Lee County).



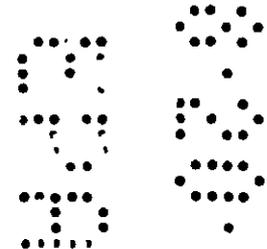
STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Do not store over 100°F or below 10°F. Do not use or store near heat or open flame.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. 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: Empty containers should be triple rinsed into the spray tank during the spray operation. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.



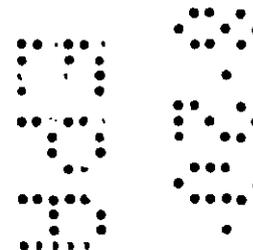
STATEMENT OF PRACTICAL TREATMENT

In case of eye contact, immediately flush with plenty of water for 15 minutes. Get medical attention. If swallowed, do not induce vomiting. Whip 1EC Herbicide contains petroleum distillates. Call a physician. Vomiting should be supervised by a physician because of the possible pulmonary damage via aspiration of the solvent.

If possible bring this container and labeling to the attending physician. For emergency assistance call (908) 231-4125.

IMPORTANT NOTICE: DISCLAIMER

Read "IMPORTANT NOTICE: DISCLAIMER" before buying or using. If terms are not acceptable, return at once unopened. HOECHST CELANESE CORPORATION warrants only that the product conforms to the chemical description on the label and is reasonably fit for the purpose stated on the label when used in accordance with the directions under normal conditions of use. This warranty does not extend to the use of this product contrary to label instructions or under abnormal conditions, or under conditions not reasonably foreseeable to HOECHST CELANESE CORPORATION, and user assumes the risk of any such use. HOECHST CELANESE CORPORATION MAKES NO OTHER WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR OF MERCHANTABILITY. In no case shall HOECHST CELANESE CORPORATION be liable for consequential, special, indirect or incidental damages resulting from the use or handling of this product. The foregoing conditions of sale and warranty can be varied only by an agreement in writing signed by a duly authorized representative of HOECHST CELANESE CORPORATION.



[Attached Use Directions - 21 Pages]

WHIP^(R) 1EC HERBICIDE

IMPORTANT INSTRUCTIONS ENCLOSED

FOR THE SELECTIVE POSTEMERGENCE ANNUAL AND PERENNIAL GRASS CONTROL IN RICE, WHEAT, SOYBEANS, COTTON, PEANUTS AND ACREAGE CONSERVATION RESERVE (SET-ASIDE)

GENERAL INFORMATION

Whip 1EC Herbicide is an emulsifiable concentrate for use in the selective postemergence control of annual and perennial grassy weeds in soybeans, rice, cotton, peanuts and wheat. Thorough spray coverage of emerged grasses is important. Visible effects begin as a general chlorosis (yellowing) followed by death of the weed. Visible injury of the grasses is evident approximately 4-10 days after application (dependent upon environmental conditions); but complete kill of the target grass will take 12-21 days.

Since many grass crops are sensitive to Whip 1EC Herbicide, including sorghum and corn, avoid all direct or indirect contact to neighboring fields.

Whip 1EC Herbicide does not control broadleaf weeds or sedges.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply until you have read the entire label.

SOYBEANS, COTTON AND PEANUTS

APPLICATION INFORMATION:

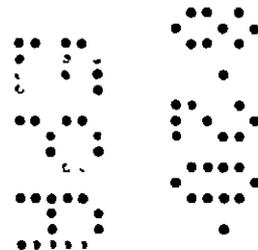
- A. **Ground Application:** Broadcast - Refer to the Rate and Grass Recommendation Chart for proper application rates. Whip 1EC Herbicide should be applied in a minimum of ten (10) gallons of water per broadcast acre. Flat fan or hollow cone nozzles are recommended. Use a minimum pressure of forty (40) pounds per square inch. Under dense weed/crop canopies, high spray pressure is very important for obtaining thorough coverage; therefore, use higher spray pressure under these conditions. Spot Treatment - Whip 1EC Herbicide may be applied for the control of grasses through knapsack sprayers or high-volume equipment utilizing handguns or other suitable nozzle arrangements in a 1% v/v solution with water (e.g., 32 fluid ounces per 25 gallons of water). Apply to actively growing grasses. Apply to the foliage of grasses on a spray-to-wet basis. DO NOT spray to the point of runoff. The spray gallonage should not exceed 25 gallons per acre. Spray coverage should be uniform and complete.

B. **Air Application: For Soybeans Only** -- Whip 1EC Herbicide should be applied in a minimum of five (5) gallons of water per broadcast acre. Uniform spray coverage is essential when using aircraft, and is achieved by the use of spray droplet size (150-300 micron range). DO NOT USE raindrop nozzles. Aerial applications with this product should be made at a height which provide the most effective swath width for the aircraft and yet provide the recommended rates given on this label and uniform application.

DO NOT APPLY by aircraft when wind speeds exceed eight (8) mph. Avoid all direct or indirect contact to neighboring fields.

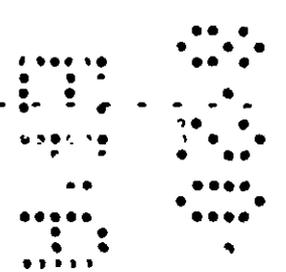
TIMING OF APPLICATION:

Whip 1EC Herbicide will control grasses at most growth stages; but for optimum grass control, applications should be made to young, vigorously growing grassy weeds. Follow the recommendations for time of application listed on the rate/grass recommendation chart below. Earlier applications of Whip 1EC Herbicide (before all grasses have emerged) could result in late flushes of grass reinfesting the treated area.



RATE AND GRASS RECOMMENDATION CHART

<u>Grass Species</u>	<u>Optimum Stage of Growth*</u>	<u>Crop Oil Concentrate</u>	<u>Application Rate**</u>	
			<u>Fl. pts./A</u>	<u>Oz./A</u>
ANNUAL GRASSES				
Giant Foxtail <u>(Setaria faberii)</u>	3-6"	Always add 1 qt.	0.8	13
Green Foxtail <u>(Setaria viridis)</u>	3-6"	with ground 1 pt.		
Volunteer Corn <u>(Zea mays)</u>	10-24"	with serial application		
Wild Proso Millet <u>(Panicum miliaceum)</u>	5-10"			
Johnsongrass, Seedling <u>(Sorghum halepense)</u>	4-10"			
Wild Cane/Shattercane <u>(Sorghum bicolor)</u>	6-12"			
Barnyardgrass <u>(Echinochloa crusgalli)</u>				
Fall Panicum <u>(Panicum dichotomiflorum)</u>				
Bristle Foxtail <u>(Setaria verticillata)</u>				
Purple Foxtail <u>(Setaria viridis robusta purpurea)</u>				
Robust Foxtail <u>(Setaria viridis robusta alba)</u>				
Jungle Rice <u>(Echinochloa colonva)</u>	3-6"	OPTIONAL	1.2	19
Southwestern Cupgrass <u>(Eriochloa gracilis)</u>				
Sprangletop <u>(Leptochloa filiformis)</u>				
Wild oats <u>(Avena fatua)</u>				
Witchgrass <u>(Panicum capillare)</u>				
Wooly Cupgrass <u>(Eriochloa villosa)</u>				



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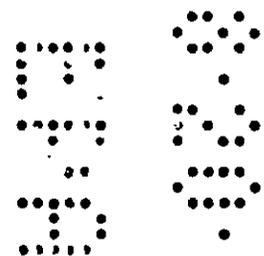
Wirestem muhly <u>(Muhlenbergia frondosa)</u> Yellow Foxtail <u>(Setaria lutescens)</u> Broadleaf Signalgrass <u>(Brachiaria platyphylla)</u> Goosegrass <u>(Eleusine indica)</u> Texas panicum <u>(Panicum texanum)</u>	3-6"	Always add COC	1.2	19
Large Crabgrass <u>(Digitaria sanguinalis)</u> Smooth Crabgrass <u>(Digitaria ischaemum)</u>	1-2"	Always add COC	1.2	19
Itchgrass <u>(Rottboellia exaltata)</u>	3-6"	Optional	1.2	19

PERENNIAL GRASSES

Johnsongrass from rhizomes <u>(Sorghum halepense)</u>	10-20"	DO NOT ADD OIL	1.2	19
Second application if needed (regrowth) (A timely cultivation may override necessity of a <u>second application.</u>)	10-20"		0.8	13

*See control of larger annual grasses.

**When controlling mixed populations of grassy weeds, always use the rate that will control the least susceptible species.



CONTROL OF LARGER ANNUAL GRASSES

In soybeans, cotton and peanuts, always use crop oil concentrate when controlling annual grasses that have grown beyond the optimum growth stage for control. When grasses are large, the control may take somewhat longer.

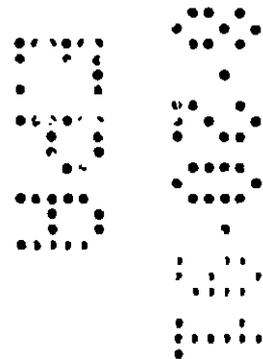
ADDITIVES

The addition of nonphytotoxic oil concentrate to the spray solution at one (1) quart per acre for ground applications and one (1) pint per acre for aerial applications, or a non-ionic surfactant at 1/4-1/2% by volume to the spray solution may improve the herbicidal activity of Whip 1EC Herbicide. A nonphytotoxic oil should be added when the grassy weeds are under drought stress or when a less than optimum application timing is necessary (see Timing of Application Section). Add a nonphytotoxic oil concentrate or a once-refined vegetable oil or soybean oil concentrate containing 15-20% approved emulsifiers. Crop oil concentrates vary in their viscosity; therefore, it is important to maintain constant agitation while the spray mixture is in the spray tank.

The increased speed of foliage burn resulting from the addition of crop oil concentrate may reduce the translocation of Whip 1EC Herbicide to the Johnsongrass roots and rhizomes. Therefore, the addition of nonphytotoxic oil is not recommended for the control of rhizome Johnsongrass.

TANK MIX RECOMMENDATIONS FOR SOYBEANS AND PEANUTS

Whip 1EC Herbicide may be tank mixed with Basagran Herbicide in a postemergence program for broad spectrum weed control in soybeans and peanuts. Whip 1EC Herbicide may also be tank mixed with Blazer or Tackle 2AS in soybeans only. Tank mix applications are to be used only when both the annual grass and broadleaf weeds are in the proper stage of growth as specified on each respective herbicide label. When tank mixing, always follow the use directions in accordance with the respective label. No label dosage rates should be exceeded.



Water Volume and Spray Pressure

Ground Equipment: For the tank mix, use a minimum of 20 gallons per acre of total spray solution and a minimum pressure of 40 PSI. Use standard high pressure hollow cone or flat-fan nozzles. Do not use flood nozzles.

Aerial Equipment: For tank mixes, use a minimum of 5 gallons per acre of total spray solution and a minimum pressure of 40 PSI.

Mixing: Fill the spray tank half full with water while the agitator is running. Add the recommended amount of Whip 1EC Herbicide followed by the tank mix component. Then add the remaining amount of water.

Tank Mix with Basagran^R

Whip 1EC Herbicide should be applied at a rate of 1.2 to 1.6 pints per acre and Basagran at a rate of 1.5 to 2.0 pints per acre. The choice of rates of each product and additives is dependent on the weed size and weed spectrum present. Refer to the Basagran label to identify the proper rate and additives for control of the species and size of the broadleaf weeds present.

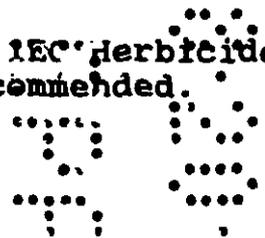
The Whip 1EC Herbicide rates for tank mixing with Basagran are 1.2 pints per acre when the annual grassy weeds are 1 to 4 inches tall, and 1.6 pints per acre when the annual grassy weeds are 4 to 6 inches tall or less than 2 tillers. DO NOT use this tank mix if the annual grassy weeds have developed more than 2 tillers or are larger than 6 inches tall. For the control of shattercane 6 to 12 inches tall and broadleaf weeds that are on the Basagran label, tank mix Whip 1EC Herbicide at a rate of 1.2 pints per acre with Basagran at 1.5 to 2.0 pints per acre. DO NOT use this tank mix to control rhizome Johnsongrass. Sequential applications of Whip 1EC Herbicide and Basagran may be necessary if the stages of the grass and broadleaf weeds are not within tank mix label recommendations at the same time.

For Use On Soybeans and Peanuts Only: When tank mixing Whip 1EC Herbicide and Basagran, always add crop oil concentrate or other labeled additives at the appropriate labeled rate.

Special Note: When tank mixing Basagran and Whip 1EC Herbicide, a minimum rate of Whip at 1.2 pints per acre is recommended.

Tank Mix with Blazer^R or Tackle 2AS

Whip 1EC Herbicide should be tank mixed at a rate of 1.6 pints per acre. Blazer or Tackle 2AS should be tank mixed at a rate of 1.5 to 2.0 pints per acre. In no instances should crop oil concentrate or a surfactant be used with this tank mix. This tank mix should not be used for the control of rhizome Johnsongrass.



Tank Mix with Blazer^R or Tackle 2AS (continued)

The stage of growth of both the annual grassy weeds and the broadleaf weeds should conform to the directions on each product label. The tank mix of Whip 1EC Herbicide plus Blazer or Tackle 2AS should not be applied after the annual grasses have begun tillering. Whenever the grass and broadleaf weeds are not both in the proper stage of growth according to this tank mix label, a sequential application should be utilized. When Whip 1EC Herbicide is applied first, a waiting period of 3 days is necessary before applying Blazer or Tackle 2AS. When Blazer or Tackle 2AS is applied first, a waiting period of 7 days is necessary before applying Whip 1EC Herbicide.

Special Note: The mixture of Whip 1EC Herbicide plus Blazer or Tackle 2AS may only suppress velvetleaf.

Tank Mix with Reflex^R 2LC Herbicide (Soybeans Only)

METHOD 1

Tank Mix Application

Whip 1EC Herbicide and Reflex 2LC Herbicide

(Annual grasses and broadleaf weeds are at the proper stage of growth for treatment as per the respective labels.)

A tank mix of Whip 1EC Herbicide and Reflex 2LC Herbicide may be applied at the recommended rates and growth stages to susceptible annual grass and broadleaf weed species in a manner consistent with respective labels. Whip 1EC Herbicide should be applied at a rate of 1.2 - 1.6 pints per acre and Reflex 2LC Herbicide at 1.0 - 1.5 pints per acre. The choice of rates for Whip 1EC Herbicide is dependent on the weed size and weed spectrum present. The Whip 1EC Herbicide rate for tank mixing with Reflex 2LC Herbicide is 1.2 pints per acre when annual grassy weeds are 1-4 inches tall, and 1.6 pints per acre when annual grassy weeds are 4-6 inches tall or less than 2 tillers. For the control of shattercane 6-12 inches tall, tank mix Whip 1EC Herbicide at a rate of 1.2 pints per acre with Reflex 2LC Herbicide. The choice of rates for Reflex 2LC Herbicide is dependent on the weed size, weed spectrum and geographical locations. Refer to the Reflex 2LC Herbicide label for specific rates, geographical restrictions, and for a list of weeds controlled.

Use crop oil concentrate in the tank mix at 1% v/v (1 quart per 25 gallons of spray solution).

Tank Mix with Reflex^R 2LC Herbicide (Soybeans Only) (continued)

- * DO NOT use this tank mix if perennial grasses such as rhizome Johnsongrass are the predominant grass species to be controlled.
- * DO NOT use this tank mix if the annual grassy weeds have developed more than 2 tillers or are larger than 6 inches tall. This tank mix may result in reduced annual grass control.

METHOD 2

Sequential Application

Whip 1EC Herbicide followed by Reflex 2LC Herbicide

(Annual and/or perennial grass weeds are at the proper growth stage for treatment, prior to broadleaf weed treatment.)

Apply Whip 1EC Herbicide to annual and/or perennial grass weeds at the recommended rate and growth stage listed on this label.

When treating annual grass weeds, allow at least 3 days, and when treating perennial grass weeds allow at least 5 days to elapse prior to a Reflex 2LC Herbicide application. After the appropriate time interval has elapsed, apply Reflex 2LC Herbicide with an approved adjuvant to actively growing weeds at the recommended rate and growth stage. Refer to the Reflex label for specific rates, geographical restrictions, and for a list of weeds controlled.

METHOD 3

Sequential Application

Reflex 2LC Herbicide followed by Whip 1EC Herbicide

(Broadleaf weeds are at the proper growth stage for treatment, prior to annual and/or perennial grass weed treatment.)

Apply Reflex 2LC Herbicide with an approved adjuvant to susceptible broadleaf weeds at the recommended rate and growth stage listed on the Reflex 2LC Herbicide label. Refer to the Reflex 2LC Herbicide label for specific rates, geographical restrictions, and for a list of weeds controlled.

A sequential application of Whip 1EC Herbicide may be made following a Reflex 2LC Herbicide application when annual or perennial grass weeds resume active growth indicated by the development of a new leaf. Follow the recommended rates and growth stages listed on the Whip 1EC Herbicide label.

SPECIAL NOTE: Tank mix applications can result in increases in crop injury as compared to either product used alone.

Tank Mix with Pinnacle^R Herbicide (Soybeans Only)

Whip 1EC Herbicide may be tank mixed with Pinnacle Herbicide for broad spectrum weed control. The application rate for Pinnacle Herbicide is 0.25 ounce per acre. Refer to the rate chart below for the Whip 1EC Herbicide use rates. This tank mix application should be made to grasses in the 2-leaf to 2-tiller stage of growth. Sequential applications may be necessary if the stages of growth of the grass and broadleaf weeds are not within the recommended timing of application. It is recommended that a non-ionic surfactant at a rate of 0.125-0.250% v/v be added to this tank mix. DO NOT add crop oil concentrate. Refer to the Pinnacle Herbicide label for additional information.

<u>Species</u>	<u>Whip 1EC Herbicide Rates (Pints/A) When Tank Mixed With Pinnacle (0.25 oz.)</u>
Giant Foxtail	1.0 pt.
Volunteer Corn	1.0
Seedling Johnsongrass	1.0
Green Foxtail	1.0
Wild Proso Millet	1.2
Shattercane	1.2
Barnyardgrass	1.2
Woolly Cupgrass	1.2
Yellow Foxtail	1.2

Tank Mix with Pinnacle Herbicide Plus Classic^R Herbicide (Soybeans Only)

Whip 1EC Herbicide may be tank mixed with Pinnacle Herbicide plus Classic Herbicide for broad spectrum weed control. The application rate for Pinnacle Herbicide is 0.25 ounce per acre plus Classic Herbicide at 0.25 ounce per acre. Refer to the rate chart below for the Whip 1EC Herbicide use rates. This tank mix application should be made to grasses in the 2-leaf to 2-tiller stage of growth. Sequential applications may be necessary if the stages of growth of the grass and broadleaf weeds are not within the recommended timing of application. Refer to the Pinnacle Herbicide and Classic Herbicide labels for additional information.

<u>Species</u>	<u>Whip 1EC Herbicide Rates (Pints/A) When Tank Mixed With Pinnacle plus Classic (0.25 + 0.25 oz.)</u>
Giant Foxtail	1.2 pt.
Volunteer Corn	1.2
Seedling Johnsongrass	1.2
Green Foxtail	1.2
Wild Proso Millet	1.4
Shattercane	1.4
Barnyardgrass	1.6
Woolly Cupgrass	1.6
Yellow Foxtail	1.6

Tank Mix with Fusilade^R 2000 Herbicide

For improved control of Johnsongrass and/or annual grass, Whip 1EC Herbicide may be tank mixed with Fusilade 2000 Herbicide. When rhizome Johnsongrass is the predominant grassy weed, Whip 1EC Herbicide should be applied at a rate of 9.5 fl.oz. per acre and Fusilade at 12.0 fl.oz. per acre. When annual grasses are the predominant grassy weeds, Whip 1EC Herbicide should be applied at a rate of 11.0 fl.oz. per acre and Fusilade 2000 at 9.6 fl.oz. per acre. Tank mix applications are to be used only if both annual grass and rhizome Johnsongrass are at the proper stage of growth as specified on each respective label.

For all ground applications, use crop oil concentrate in the tank mix at 1% v/v (1 quart per 25 gallons of spray solution). For aerial applications, use crop oil concentrate at 1 pint per acre.

The tank mix of Whip 1EC Herbicide plus Fusilade 2000 Herbicide may be applied in combination with Reflex 2LC, Basagran, or Blazer herbicides as described on this and the Fusilade 2000 Herbicide labels. If there are any differences in labeling, the most restrictive labeling applies. DO NOT tank mix with Reflex 2LC, Basagran, or Blazer when rhizome Johnsongrass is the predominant grassy weed problem.

SPECIAL NOTES FOR SOYBEANS, COTTON AND PEANUTS

1. Annual ryegrass (Lolium sp.), quackgrass (Agropyron repens) and Bermudagrass (Cynodon dactylon) are not controlled by Whip 1EC Herbicide.
2. Rainfall within one hour of an application may cause a reduction in grass control.
3. If a new flush of grass occurs, either a timely cultivation or a second application of Whip 1EC Herbicide may be necessary. In soybeans and peanuts, DO NOT make more than two applications of Whip 1EC Herbicide per growing season and DO NOT apply more than 2 pints (0.25 lbs. ai) per acre per growing season. In cotton, DO NOT make more than 3 applications of Whip 1EC Herbicide per growing season and DO NOT apply more than 2.8 pints (0.35 lbs. ai) per acre per growing season.
4. DO NOT cultivate within four days before or after a Whip 1EC Herbicide application.
5. ALWAYS, clean sprayer thoroughly before and after any pesticide application.
6. As a spot treatment, apply Whip 1EC Herbicide in a 1% v/v solution with water (e.g., 32 fluid ounces per 25 gallons of water). (See instructions for use in the Ground Application Section.)
7. Whip 1EC Herbicide is not phytotoxic to soybeans, cotton or peanuts at any growth stage. But for best results, it should be applied according to the development of the annual grassy weeds as noted, but before the bloom stage of soybeans and cotton, and prior to peg initiation of peanuts.
8. DO NOT graze or feed treated forage, hay, straw, or vines.
9. Application of Whip 1EC Herbicide to grasses under stress (e.g., drought), may result in reduced control.
10. DO NOT plant any rotational crop in a Whip 1EC Herbicide treated field for 30 days after application (120 days for small grains).

13/25

11. DO NOT apply Whip 1EC Herbicide less than 90 days before harvesting soybeans, 60 days before harvesting peanuts, and 40 days before harvesting cotton.
12. DO NOT apply this product through any irrigation system.
13. The application of any pesticide (other than those listed on this label) made within 7 days of the Whip 1EC Herbicide application causing stress to the target grass may reduce the effectiveness of the Whip application.
14. Read and follow restrictions and limitations on the Basagran Herbicide, Reflex 2LC Herbicide, Blazer/Tackle, Pinnacle Herbicide, Classic Herbicide, and Fusilade 2000 Herbicide labels as applicable. The most restrictive labeling applies in tank mixes.

RICE

Rice is tolerant to postemergence applications of Whip 1EC Herbicide from the 4-leaf to the late tillering stage of rice development. Always plant high quality seed in order to obtain a uniform germination and a good rice stand. Postemergence applications may result in temporary rice injury that appears as leaf chlorosis and stunting. The rice will normally recover from these symptoms in two to four weeks.

Use instructions, particularly water management, must be followed to minimize rice injury. Read and follow all label directions carefully.

APPLICATION INFORMATION:

Rice fields should be level and free of large clods to obtain uniform germination of rice and grassy weeds and to insure uniform flood levels. If necessary, fields may be flushed prior to treatment. If fields are flushed prior to treatment, flush in sufficient time so that the rice and grass are actively growing at time of treatment. Allow sufficient time for water to drain from the paddy before the Whip 1EC Herbicide application.

Rice injury may occur if applications of Whip 1EC Herbicide are made within three (3) days following periods of inclement (rainy, foggy, cloudy) weather.

Do not apply Whip 1EC Herbicide within 14 days following the activation of fertilizer.

A. **Air Application:** Apply aurally using a minimum of ten (10) gallons of water per broadcast acre. It is recommended to increase the gallonage to obtain thorough coverage when a dense weed canopy is present. Uniform spray coverage is essential when using aircraft, and is achieved by the use of a spray droplet size ranging from 150 to 300 microns. A hydraulic boom-nozzle system that will apply 10 gallons of water per acre with a minimum pressure of 20 pounds per square inch is recommended. Best results are obtained with D-8 nozzles. DO NOT USE raindrop nozzles. Aerial applications with this product should be made at a height which provide the most effective swath width for the aircraft and yet provide the recommended rates given on this label and uniform application.

DO NOT APPLY by aircraft when wind speeds exceed eight (8) mph. Avoid all direct or indirect contact to neighboring fields.

Special Notes:

1. Thoroughly clean mixing vat and airplane by rinsing with clean water before Whip 1EC Herbicide is added.
2. It is important to calibrate the spray equipment with Whip 1EC Herbicide in the spray solution. The spray swath width and total volume per acre may vary when compared to other rice herbicides.
3. A flow meter is recommended to obtain proper water volume (gpa).

B. **Ground Application:** Apply in a minimum of ten (10) gallons of water per broadcast acre. Flat fan or hollow cone nozzles are recommended. Use a minimum pressure of 40 PSI. Under dense weed/crop canopies, high spray pressure and increased gallonage is very important in obtaining thorough coverage.

While broadleaf crops, such as cotton and soybeans, are very tolerant to Whip 1EC Herbicide, grassy crops, such as corn and sorghum, are extremely sensitive and drift onto these grassy crops must be avoided. To insure thorough coverage and to avoid drift, DO NOT APPLY when the wind speed exceeds eight (8) mph.

Timing of Application:

For Arkansas, Louisiana, Mississippi, Missouri, and Texas.

When recommended water management practices are followed (see Water Management Section), optimal conditions for controlling grass usually occur when the rice is in the 4-leaf to late tillering stage of development (but prior to panicle initiation). However, applications should be made following the Rate and Grass Recommendation Chart for Rice below.

Rate and Grass Recommendation Chart for Rice

Grass Species	Amount of Whip per acre (pints) Relative to Stage of Annual Grass Weeds		> 2 Tiller or >10 Inches	
	1-5 leaf or 1-5 inches	5 leaf - 2 Tiller or 5-10 inches		
Sprangletop (<u>Leptochloa</u> spp.)			1.2 to 1.6 pts./A	
Barnyardgrass, watergrass (<u>Echinochloa crusgalli</u>)			S U P P R E S S I O N	
Broadleaf Signalgrass (<u>Brachiaria platyphylla</u>)				
Goosegrass (<u>Eleusine indica</u>)	1.2 pts./A	1.6 pts./A		
Jungle rice (<u>Echinochloa colonum</u>)				
Crabgrass (<u>Digitaria</u> spp.)				
Johnsongrass (10-15") (<u>Sorghum halepense</u>)				
Giant Foxtail (<u>Setaria faberi</u>)				
Fall Panicum (<u>Panicum dichotomiflorum</u>)				
Red Rice* (<u>Oryza sativa</u>)	1.2 pts./A (3 leaf) 1.6 pts./A (4 leaf)			NOT RECOMMENDED

*For suppression of red rice, apply Whip 1EC Herbicide at 1.2-1.6 pints/A when the red rice is in the 4-leaf stage of growth.

Early Season Applications in Texas

For early season applications when the daily minimum temperatures are below 60°F for 3 consecutive days, tank mix Whip 1EC Herbicide at 0.9 pint per acre with Basagran Herbicide at 1.5 pints per acre. For this early season tank mix application, the annual grassy weeds should be actively growing and should be no larger than the 4-leaf stage of growth.

WATER MANAGEMENT - IMPORTANT INSTRUCTIONS

The following paddy flood program must be used:

PREFLOOD:

1. Rice fields must be level. If desirable, fields may be flushed prior to treatment. To expose existing grasses, allow sufficient time for water to drain from the field before the Whip 1EC Herbicide application.
2. When to Apply the Paddy Flood:
 - a. When the rice is less than eight (8) inches in height, do not flood fields for at least seven (7) days after the Whip 1EC Herbicide application.
 - b. When the rice is greater than eight (8) inches in height, the fields can be flooded in 4 - 5 days following the application.
3. The water depth (flush or flood) should not exceed 25% of the rice height for 21 days after the Whip 1EC Herbicide application. A deep flood can be applied anytime after 21 days following treatment.

POST-FLOOD:

1. The rice should have at least one tiller before making a post-flood application with Whip 1EC Herbicide.
2. Water levels at the time of application should cover no more than 25% of the rice and annual grass foliage.
3. Reflood to a normal depth two to three days after the application.
4. Whip 1EC Herbicide may only provide suppression of annual grassy weeds having developed beyond the 2-tiller stage of growth.

CONTROL OF OTHER WEEDS:

Tank Mix Recommendations for Rice:

Sequential applications may be necessary if the growth stage of the grasses and broadleaf weeds are not within the tank mix label recommendations at the same time. When making sequential applications of rice herbicides other than Basagran, Bolero, or Prowl, wait 6 days before or after the application of Whip 1EC Herbicide.

In pre-flood applications, a new flush of broadleaf and grassy weeds may occur under certain environmental conditions before the field receives permanent flood five to seven (5-7) days later; therefore, additional herbicide applications may be required. DO NOT make a second application of Whip 1EC Herbicide within 14 days of the first application.

Tank Mix with Basagran

The Whip 1EC Herbicide rates for tank mixes with Basagran are 1.2 pints per acre, when the annual grassy weeds are 1 to 3 leaf (1 - 4 inches) and 1.6 pints per acre when the annual grassy weeds are 4 leaf to 1 tiller (4 - 8 inches). Do not tank mix Whip 1EC Herbicide and Basagran when the annual grassy weeds have developed more than 1 tiller or if the weeds are under drought stress. Sequential applications may be necessary if the growth stage of the grasses and broadleaf weeds are not within the tank mix label recommendations at the same time.

Tank Mix with Bolero

A tank mix of Whip 1EC Herbicide and Bolero Herbicide can be used for the control of annual grass and aquatic weed species. Apply 1.2 pints/acre (0.15 lb. ai/A) of Whip 1EC Herbicide plus 2-3 pints/acre (2.0-3.0 lbs. ai/A) of Bolero. Do not apply this tank mixture when annual grassy weeds have developed more than one (1) tiller or if the weeds are drought stressed. Do not apply to stressed rice.

Tank Mix with Prowl

Use a tank mix of Whip 1EC Herbicide and Prowl 4E Herbicide for postemergence and residual control of annual grass species listed on the Whip 1EC Herbicide label. Apply 1.2-1.6 pints/acre (0.15-0.20 lb. ai/A) of Whip 1EC Herbicide plus 1.5-2.0 pints/acre (0.75-1.0 lb. ai/A) of Prowl 4E Herbicide. Do not apply this tank mixture when annual grassy weeds have developed more than one (1) tiller or if the weeds are drought stressed.

MIXING INSTRUCTIONS:

Fill the spray tank half full with water while the agitator is running. Add the recommended amount of Whip 1EC Herbicide followed by the appropriate amount of the tank mix component. Then add the remaining amount of water.

SPECIAL NOTES FOR RICE:

1. DO NOT add a crop oil concentrate to the spray solution when treating rice as rice injury may occur.
2. Rainfall within one hour of an application may reduce the grass control.
3. DO NOT make more than two applications of Whip 1EC Herbicide per growing season. Do not make a second application of Whip 1EC Herbicide within 14 days of the first application. Do not apply more than 2.4 pints per acre per growing season.
4. DO NOT apply Whip 1EC Herbicide after the late tillering stage of the rice crop development (but prior to panicle initiation).
5. ALWAYS clean spray system thoroughly before and after any pesticide application. Avoid using any water that is contaminated with other pesticides.
6. DO NOT graze or feed rice straw to livestock.
7. DO NOT plant any rotational crop in a Whip 1EC Herbicide treated field for 30 days after application (120 days for small grains).
8. DO NOT apply Whip 1EC Herbicide in areas where catfish and crayfish are commercially cultivated.
9. DO NOT use rice irrigation water to irrigate crops not registered for use with Whip 1EC Herbicide within 14 days of the last application of this product.
10. DO NOT apply Whip 1EC Herbicide less than 65 days before harvesting rice.
11. DO NOT apply Whip 1EC Herbicide for at least 14 days following the activation of fertilizer.
12. Applications of Whip 1EC Herbicide to grasses under drought stress may result in reduced control.

13. DO NOT tank mix Whip 1EC Herbicide with Blazer, Propanil, Ordram, phenoxy herbicides, or liquid fertilizers.
14. DO NOT apply Whip 1EC Herbicide within seven (7) days following a Furadan application.
15. Whip 1EC Herbicide can be applied to the following rice varieties: Newbonnet, Lemont, Skybonnet, Tebonnet, Bond, Gulfmont, Rexmont, Labelle, Starbonnet, L-201, Newrex, and CB-801.
16. DO NOT use on the rice varieties Leah, Mars, Mercury, Texmati, and Toro 2, as damage to these varieties may occur.

WHEAT

Whip 1EC Herbicide is a postemergence herbicide for the control of green and yellow foxtail (pigeongrass), volunteer and wild millet species, and wild oats in hard red spring wheat and winter wheat. When applying to wheat, Whip 1EC Herbicide MUST be tank mixed with MCPA Herbicide. Failure to tank mix Whip 1EC Herbicide with MCPA Herbicide will cause injury to the wheat. DO NOT apply to durum wheat or barley.

APPLICATION INFORMATION

Whip 1EC Herbicide, when applied as recommended in the following Rate Recommendation Chart, controls the listed annual grassy and broadleaf weeds.

Ground Application: DO NOT apply when winds are gusty, or when conditions will favor movement of spray particles off the desired spray target. To avoid drift and insure consistent weed control, apply Whip 1EC Herbicide with the spray boom as low as possible while maintaining a uniform spray pattern. Apply a minimum of ten (10) gallons of spray solution per acre, using a spray pressure of 30-40 psi with flat fan nozzle tips. DO NOT apply with hollow cone type insecticide or other nozzles that produce a fine droplet spray. Under dense weed/crop canopies, high spray volume (15-20 gpa) is very important for obtaining thorough coverage.

RATE RECOMMENDATION CHART

	Green Foxtail	Foxtail Millets	Yellow Foxtail	Proso Millet	Wild Oats

Products	Fluid Ounces of Whip 1EC Herbicide Per Acre				

Whip plus MCPA	8	8	8	8	24
Whip plus MCPA plus Banvel ^R	8	8	8	8	Not rec.
Whip plus MCPA plus Buctgil ^R	8	10.5	10.5	10.5	Not rec.
Whip plus MCPA plus Ally ^R	8	8	10.5	10.5	Not rec.
Whip plus MCPA plus Harmony Extra ^R	8	8	10.5	10.5	24
Whip plus MCPA plus Express ^R	8	8	10.5	10.5	24

TIMING OF APPLICATION

The time of application is determined by the growth stage of the wheat and the grassy weed species. Apply Whip 1EC Herbicide to wheat from the 3-leaf stage to the end of tillering stage of growth. DO NOT spray after wheat jointing begins. Whip 1EC Herbicide will control susceptible grassy weeds from the 2-leaf stage to the 2-tiller stage of growth. Applications should be made to young, actively growing weeds. Whip 1EC Herbicide has no effect via the soil and will only control emerged grassy weeds.

TANK MIX COMBINATIONS

Whip 1EC Herbicide must always be tank mixed with MCPA herbicide when applied to wheat. This includes when tank mixing with the herbicides listed below for broadleaf and annual grassy weed control. Refer to the Rate Recommendation Chart for the approved broadleaf tank mix partners and the correct rate of Whip 1EC Herbicide. The maximum use rates for the broadleaf herbicides are as follows:

Banvel Herbicide	2.0 fl.oz./A
Banvel SGF Herbicide	4.0 fl.oz./A
Harmony Extra 75DF	0.3 oz./A
Express 60DF	0.17 oz./A
Ally 60DF	0.1 oz./A
*Buctril 2EC	16 fl.oz./A

* The addition of Buctril 2EC Herbicide to Whip 1EC Herbicide may cause temporary wheat yellowing and/or stunting.

Refer to the specific product labels for all use and precautionary statements.

MOISTURE EFFECTS ON ANNUAL GRASSY WEED CONTROL

Foxtail (pigeongrass) can be controlled well over a wide range of soil moisture conditions. However, foxtail under drought stress exhibits rolled leaves ("onion leaf") and should not be sprayed as poor control may result.

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NOTES FOR HARD RED SPRING WHEAT AND WINTER WHEAT

1. DO NOT apply to durum wheat, barley, rye or tame oats.
2. Rainfall within one (1) hour of application may cause a reduction in weed control.
3. DO NOT apply more than one (1) application of Whip 1EC Herbicide in a growing season.
4. DO NOT apply Whip 1EC Herbicide within 70 days of harvesting wheat.
5. DO NOT apply this product through any type of irrigation system.
6. DO NOT apply this product aerially.
7. DO NOT tank mix Whip 1EC Herbicide with other broadleaf herbicides, surfactants, or liquid fertilizers unless specifically recommended on this label.
8. Cool, wet conditions at the time of application may result in temporary stunting or chlorosis of the wheat.

ACREAGE CONSERVATION RESERVE (SET-ASIDE)

Whip 1EC Herbicide may be used to control annual grassy weeds in acreage conservation reserve (set-aside) areas. This acreage is often seeded to the following cover crops: clover, alfalfa, tall fescue, bromegrass, and ryegrass. Special note: Timothy and orchardgrass are sensitive to Whip 1EC Herbicide. The cover crops listed above have excellent tolerance to Whip 1EC Herbicide at 1.2 to 1.6 pints per acre. Select the proper rate from the Rate and Grass Recommendation Chart found in the Soybean Section of this label.

SPECIAL NOTES:

1. DO NOT harvest or graze cover crops treated with Whip 1EC Herbicide.
2. DO NOT apply to cover crops such as oats, sorghum, sudangrass, and Timothy as injury may occur.

Ally^R is a registered trademark of E.I. duPont de Nemours & Co., Inc.

Banvel^R and Banvel^R SGF are registered trademarks of Sandoz Crop Protection Corporation.

Basagran^R is a registered trademark of BASF AG.

Blazer^R is a registered trademark of BASF Corporation.

Buctril^R is a registered trademark of Rhone-Poulenc Inc.

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Express^R is a registered trademark of E.I. duPont de Nemours & Co., Inc.

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Pinnacle^R is a registered trademark of E.I. duPont de Nemours & Co., Inc.

Reflex^R 2LC is a registered trademark of ICI Americas Inc.

Tackle^R is a registered trademark of Rhone-Poulenc Inc.

Revised August 15, 1991

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DAKOTA PLUS TP HERBICIDE

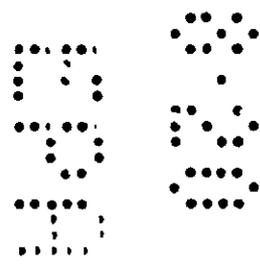
A TRIPLE PACK PRODUCT FOR POSTEMERGENCE CONTROL OF FOXTAIL AND MILLET SPECIES AND BROADLEAF WEEDS IN HARD RED SPRING WHEAT

**ACCEPTED
with COMMENTS
in EPA Letter Dated:**

AUG 23 1991

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

8340-23



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H-33171 1EC Herbicide

Active Ingredient:

Fenoxaprop-ethyl: (\pm)-ethyl 2-[4-[(6-chloro-2-benzoxazolyl)oxy]phenoxy]propanoate.....12.50%*

Inert Ingredients:.....87.50%**

TOTAL: 100.00%

* Equivalent to 1.00 pound of active ingredient per gallon.

** This product contains the toxic inert ingredient dimethylformamide.

KEEP OUT OF REACH OF CHILDREN

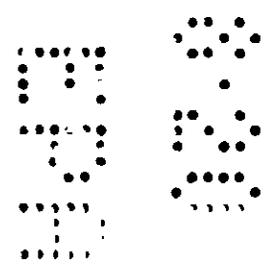
WARNING

See additional precautionary statements.

See attached folder for complete directions of use and additional information.

EPA REG. NO. 8340-23-54382
EPA EST. NO. 34704-MS-1

Net Contents: 1.24 Gallons



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MCPA Herbicide

Active Ingredient:

2-methyl-4-chlorophenoxyacetic acid,
isooctyl (2-ethylhexyl) ester..... 74.4 %***

Inert Ingredients:..... 25.6 %

TOTAL: 100.00%

***Contains the equivalent of 47.7% 2-methyl-4-chlorophenoxyacetic acid equivalent to 4.0 lbs. per gallon at 68° F.

KEEP OUT OF REACH OF CHILDREN

WARNING

**AVISO:
PRECAUCION AL USUARIO:**

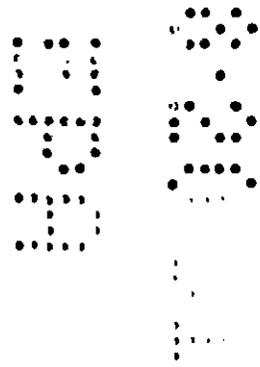
Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

See additional precautionary statements.

See attached folder for complete directions of use and additional information.

EPA REG. NO. 62719-59-54382
EPA EST. NO. 464-M1-1

Net Contents: 1.89 Gallons



Plus Herbicide

Active Ingredient:

Methyl-2-[[[N-(4-methoxy-6-methyl-1,3,5-triazin-2-yl)
methylamino]carbonylamino]sulfonyl] benzoate.....75.00¢

Inert Ingredients:.....25.00¢

TOTAL: 100.00¢

KEEP OUT OF REACH OF CHILDREN

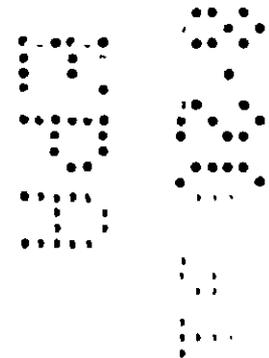
CAUTION

See additional precautionary statements.

See attached folder for complete directions of use
and additional information.

EPA EST. NO.
EPA REG. NO. 352-538

Net Contents: 3.3 ounces



H-33171 IEC Herbicide

PRECAUTIONARY STATEMENTS

WARNING

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

May cause substantial but temporary eye injury. Do not get in eyes. Wear goggles or face shield and impermeable rubber gloves (such as neoprene or PVC) while mixing. Harmful if swallowed, absorbed through skin or inhaled. Do not take internally. Avoid inhalation of vapor or spray mist. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Drift or runoff may adversely affect nontarget plants. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

STORAGE AND DISPOSAL:

Do not contaminate water, food or feed by storage or disposal.

STORAGE:

Do not store over 100°F or below 10°F. Do not use or store near heat or open flame.

PRODUCT DISPOSAL:

Pesticide wastes are toxic. 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:

Empty containers should be triple rinsed into the spray tank during the spray operation. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerator, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

STATEMENT OF PRACTICAL TREATMENT

In case of eye contact, immediately flush with plenty of water for 15 minutes. Get medical attention.

If swallowed, do not induce vomiting. HOE-33171 IEC Herbicide contains petroleum distillates. Call a physician. Vomiting should be supervised by a physician because of the possible pulmonary damage via aspiration of the solvent.

If possible, bring all three containers and labeling to the attending physician. For emergency assistance call (908) 231-4125.

MCPA Herbicide

PRECAUTIONARY STATEMENTS

WARNING

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUSES SKIN IRRITATION. HARMFUL IF SWALLOWED. MAY CAUSE ALLERGIC SKIN REACTION.
Do not get on skin or clothing. Avoid contact with eyes. Avoid breathing spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

STATEMENT OF PRACTICAL TREATMENT: If on skin: Wash with plenty of soap and water. Get medical attention. If in eyes: Flush with plenty of water. Get medical attention if irritation persists. If swallowed: Do not induce vomiting. Call a physician.

ENVIRONMENTAL HAZARDS

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

MIXING AND LOADING: Most cases of groundwater contamination involving phenoxy herbicides such as MCPA have been associated with mixing/loading and disposal sites. Caution should be exercised when handling MCPA pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing and transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

CLEANING OF EQUIPMENT: When cleaning equipment, do not pour washwater on the ground; spray or drain over a large area away from wells and other water sources.

Do not apply MCPA isooctyl ester around houses, recreation sites, or similar areas.

STORAGE AND DISPOSAL:

Do not contaminate water, food or feed by storage or disposal.

STORAGE:

Do NOT store in freezing temperatures. If allowed to freeze, remix before using. Do not transport with or store near fertilizers, seeds, insecticides or fungicides.

PESTICIDE DISPOSAL:

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL:

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Local conditions may affect the use of this chemical. Consult State Agricultural Extension or Experiment Station weed specialists for specific recommendations for local weed problems and for information on possible lower dosages.

Plus Herbicide

PRECAUTIONARY STATEMENT

CAUTION

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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

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

ENVIRONMENTAL HAZARDS

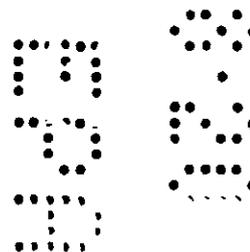
Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes). Do not contaminate water when disposing of equipment washwaters.

STORAGE AND DISPOSAL

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

PRODUCT DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Triple-rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.



IMPORTANT NOTICE: DISCLAIMER

Read "IMPORTANT NOTICE: DISCLAIMER" before buying or using. If terms are not acceptable, return at once unopened. HOECHST-ROUSSEL AGRI-VET COMPANY warrants only that the product conforms to the chemical description on the label and is reasonably fit for the purpose stated on the label when used in accordance with the directions under normal conditions of use. This warranty does not extend to the use of this product contrary to label instructions or under abnormal conditions, or under conditions not reasonably foreseeable to HOECHST-ROUSSEL AGRI-VET COMPANY and user assumes the risk of any such use. HOECHST-ROUSSEL AGRI-VET COMPANY MAKES NO OTHER WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR OF MERCHANTABILITY. In no case shall HOECHST-ROUSSEL AGRI-VET COMPANY be liable for consequential, special, indirect or incidental damages resulting from the use or handling of this product. The foregoing conditions of sale and warranty can be varied only by an agreement in writing signed by a duly authorized representative of HOECHST-ROUSSEL AGRI-VET COMPANY.

HOECHST-ROUSSEL

AGRI-VET COMPANY

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DIRECTIONS FOR USE

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

GENERAL INFORMATION

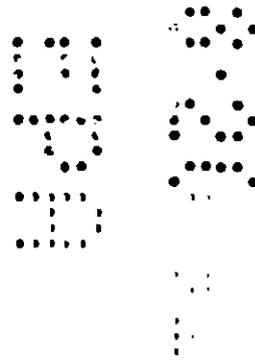
Dakota Plus TP Herbicide is a broad-spectrum postemergence herbicide for the control of both grass and broadleaf weeds in spring wheat (excluding durum). Grass weeds controlled include green foxtail (pigeongrass) and volunteer and wild millet species. In addition, several broadleaf weeds are controlled including kochia, redroot pigweed, wild mustard, and common lambsquarter.

A convenient package of Dakota Plus TP Herbicide contains 1.24 gallons of HOE-33171 1EC Herbicide, 1.89 gallons of MCPA Herbicide, and 3.3 ounces of Plus Herbicide. All of the components in the Dakota Plus TP Herbicide package must be tank mixed according to the mixing instructions in this label and applied according to the label recommendations or a reduction in weed control and/or an increase in crop phytotoxicity will occur.

DO NOT apply to durum wheat or barley.

APPLICATION INFORMATION

Ground Application: DO NOT apply when winds are gusty, or when conditions will favor movement of spray particles off the desired spray target. To avoid drift and insure consistent weed control, apply Dakota Plus TP Herbicide with the spray boom as low as possible while maintaining a uniform spray pattern. Apply a minimum of ten (10) gallons of spray solution per acre, using a spray pressure of not more than 40 PSI with flat-fan nozzle tips. DO NOT apply with hollow cone type nozzles used for applying insecticides or other nozzles that produce a fine droplet spray. Under dense weed populations, high spray volume (15-20 gpa) is very important for obtaining thorough coverage.

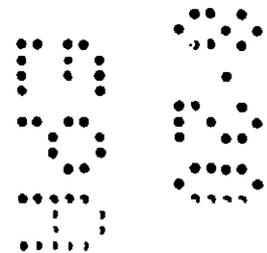


RATE RECOMMENDATION CHART

<u>Grass Species</u>	<u>Acres Treated Per Package</u>	
	2-3 Leaf	1-2 Tiller
Green Foxtail	20 Acres	15 Acres
Foxtail Millets (volunteer) (Common, Siberian, Hungarian, German)		
<u>Broadleaf Weeds</u>		
Annual Sowthistle *	Prostrate Knotweed *	
Black Mustard	Redroot Pigweed *	
Canada Thistle *	Russian Thistle	
Common Cocklebur	Shepherd's purse *	
Common Chickweed	Tarweed Fiddleneck	
Common Groundsel	Tumble Mustard	
Common Lambsquarters	Treacle Mustard	
False Chamomile	Volunteer Lentils	
Field Pennygrass	Volunteer Peas	
Flixweed	Volunteer Sunflower	
Hairy Nightshade *	Wild Buckwheat *	
Kochia	Wild Chamomile	
Mayweed Chamomile	Wild Garlic	
Miners Lettuce	Wild Mustard	
Pennsylvania Smartweed *		
Pineappleweed		

* Suppression Only

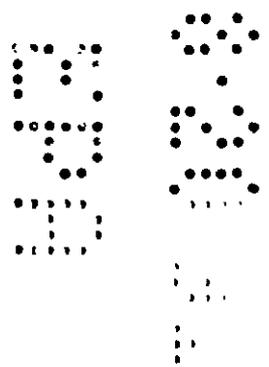
Dakota Plus TP Herbicide contains two active ingredients (MCPA ester and tribenuron) which require special equipment cleanup after spraying. Therefore, spray equipment used in applying this product should be thoroughly cleaned before using for any other purpose. See Sprayer Cleanup section of this labeling for further information.



TIMING OF APPLICATION

Dakota Plus TP Herbicide can be applied to wheat from the 2-leaf stage until tillering is complete. DO NOT SPRAY SPRING WHEAT AFTER JOINTING BEGINS.

Dakota Plus TP Herbicide will control susceptible grassy weeds in the 2-leaf to 2-tiller stage of growth. Annual broadleaf weeds should be past the cotyledon and less than 4 inches tall or across. Applications should be made to young, actively growing weeds. One package of Dakota Plus TP Herbicide will treat 20 acres of spring wheat when the annual grasses are in the 2-3 leaf stage of growth. When the annual grasses are in the 1-2 tiller stage of growth, apply one package of Dakota Plus TP Herbicide to 15 acres. The contents of all three (3) containers in the package must be completely used to insure crop safety and adequate weed control.



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MOISTURE EFFECTS ON FOXTAIL AND FOXTAIL MILLET CONTROL

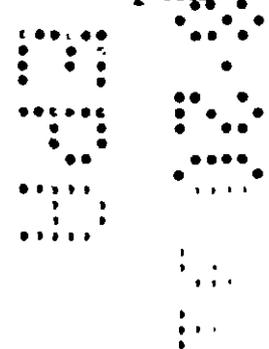
Foxtail (pigeongrass) can be well controlled over a wide range of soil moisture conditions. However, foxtail under drought stress exhibits rolled leaves ("onion leaf") and should not be sprayed as poor control may result.

Low soil moisture levels, low humidity, and high temperatures will interact to reduce the control of weeds by Dakota Plus TP Herbicide.

MIXING INSTRUCTIONS

1. Assure the spray tank is thoroughly clean.
2. Fill the spray tank half full with clean water and start agitation or by-pass system.
3. Add the entire amount of the Plus Herbicide (Container #1), into four gallons of clean water and mix thoroughly.
4. Add the mixture to the spray tank. Agitate thoroughly until all of the Plus Herbicide is completely in suspension.
5. Add the entire amount of MCPA (Container #2) and continue agitation.
6. Add the entire amount of H-33171 1EC Herbicide (Container #3) and continue agitation.
7. Triple rinse the emptied containers, numbers 1, 2, and 3 into the spray tank.
8. Add the remaining amount of water while agitation continues. Spray immediately. Spray mixture should not be left in spray tank overnight.

Special Note: Always mix the Plus Herbicide (Container #1) in four gallons of water first, then add this suspension to the partially filled sprayed tank.



SPRAYER CLEANUP

To avoid subsequent injury to crops other than wheat, thoroughly clean all mixing and spray equipment immediately following applications of Dakota Plus TP Herbicide as follows:

1. Drain tank; thoroughly rinse spray tanks, boom, and hoses with clean water. Loosen and physically remove any visible deposits.
2. Fill the tank with clean water and one gallon of household ammonia* (contains 3% active) for every 100 gallons of water. Flush the hoses, boom, and nozzles with the cleaning solution. Then add more water to completely fill the tank. Circulate the cleaning solution through the tank and hoses for at least 15 minutes. Again flush the hoses, boom, and nozzles with the cleaning solution and then drain the tank.
3. Remove the nozzles and screens and clean separately in a bucket containing cleaning agent and water.
4. Repeat Step 2.
5. Rinse the tank, boom, and hoses with clean water.
6. The rinsate may be disposed of on site or at an approved waste disposal facility.

*Equivalent amounts of an alternate strength ammonia solution or an approved cleaner (listed below) can be used in the cleanout procedure. Carefully read and follow the individual instructions.

APPROVED CLEANERS:

- Protank Cleaner-Manufactured for Cenex/Land O'Lakes Agronomy Co.
- Chem-Tank Cleaner & Neutralizer-Manufactured by Farmbelt Chemicals, Inc.
- "Incide-Out"(8)
- Nutra-Sol--Compounded for Thomas G. Kilfoil Co., Inc., San Bruno, CA
- Tank and Equipment Cleaner-Manufactured by Loveland Industries, Inc.
- Tank-Aid--Manufactured for Cornbelt Chemical Company

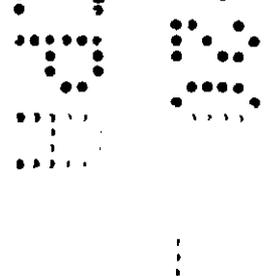
CAUTION: DO NOT use chlorine bleach with ammonia... Failure to do so with this combination will release a gas with a musty chlorine odor which can cause eye, nose, throat, and lung irritation. DO NOT clean equipment in an enclosed area.

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SPECIAL NOTES

1. DO NOT apply to durum wheat, barley, rye, or tame oats.
2. Rainfall within four (4) hours of an application may cause a reduction in weed control.
3. DO NOT apply more than one (1) application in a growing season.
4. DO NOT apply Dakota Plus TP Herbicide within 70 days of harvest.
5. DO NOT apply this product through any type of irrigation system.
6. DO NOT apply this product aerially.
7. DO NOT tank mix Dakota Plus TP Herbicide with other broadleaf herbicides, surfactants, or liquid fertilizers.
8. Dakota Plus TP Herbicide contains the herbicides fenoxoprop-ethyl, tribenuron and MCPA as active ingredients. Therefore, this product may kill or seriously injure many desirable forms of vegetation. Do not apply directly to flowers, fruits, vegetables, ornamentals, or other desirable plants. Do not use when there is hazard from drifting mists. (Coarse sprays are less likely to drift.) Vapors from this product may injure susceptible plants in the immediate vicinity.
9. Cool, wet conditions at the time of application may result in temporary stunting or chlorosis of the wheat.
10. DO NOT plant any crop other than wheat or barley for 60 days after application of Dakota Plus TP Herbicide.
11. DO NOT graze or feed forage or hay from treated areas to livestock (harvested straw may be used for bedding and/or feed).
12. DO NOT apply to wheat that is stressed by severe winter, drought, water-saturated soil, disease or insect damage as crop injury may result. Under certain conditions such as prolonged cool weather (daily high temperature less than 50 Deg. F.) or wide fluctuations in day/night temperatures just prior to, during or soon after treatment, temporary yellowing and/or crop stunting may occur. Risk of injury is greatest when crop is in the 3 to 5-leaf stage.



45/10

Revised, August 15, 1991

CHEYENNE[®] TP HERBICIDE

A TRIPLE PACK PRODUCT FOR POSTEMERGENCE CONTROL OF MOST ANNUAL GRASSY WEEDS (INCLUDING WILD OATS AND FOXTAIL SPECIES) AND BROADLEAF WEEDS IN WHEAT (EXCLUDING DURUM WHEAT). THIS PACKAGE WILL TREAT 20 ACRES OF WHEAT.

**ACCEPTED
with COMMENTS
in EPA Letter Dated**

AUG 23 1991
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
responsible under EPA Reg. No.
8340-23

9 5 2 2

43/67

H-33171 1EC Herbicide

Active Ingredient:

Fenoxaprop-ethyl: (±)-ethyl 2-[4-[(6-chloro-2-benzoxazolyl)oxy]phenoxy]propanoate.....12.50%*

Inert Ingredients:.....87.50%**

TOTAL: 100.00%

* Equivalent to 1.00 pound of active ingredient per gallon.

** This product contains the toxic inert ingredient dimethylformamide.

KEEP OUT OF REACH OF CHILDREN

WARNING

See additional precautionary statements.

See attached folder for complete directions of use and additional information.

EPA REG. NO. 8340-23-54382
EPA EST. NO. 34704-MS-1

Net Contents: 3.52 Gallons
(Two 1.76 gallon containers)

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/2

MCPA Herbicide

Active Ingredient:

2-methyl-4-chlorophenoxyacetic acid,
isooctyl (2-ethylhexyl) ester..... 74.4 %***

Inert Ingredients:..... 25.6 %

TOTAL: 100.00%

***Contains the equivalent of 47.7% 2-methyl-4-chlorophenoxyacetic acid equivalent to 4.0 lbs. per gallon at 68° F.

KEEP OUT OF REACH OF CHILDREN

WARNING

**AVISO:
PRECAUCION AL USUARIO:**

Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

See additional precautionary statements.

See attached folder for complete directions of use and additional information.

EPA REG. NO. 62719-59-54382
EPA EST. NO. 464-M1-1

Net Contents: 1.89 Gallons

X-TRA Herbicide

Active Ingredients:

Methyl-3-[[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl) amino]carbonyl]amino]sulfonyl]-2-thiophenecarboxylate...50.00%

Methyl-2-[[[N-(4-methoxy-6-methyl-1,3,5-triazin-2-yl) methylamino]carbonyl]amino]sulfonyl] benzoate.....25.00%

Inert Ingredients:.....25.00%

TOTAL: 100.00%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See additional precautionary statements.

See attached folder for complete directions of use and additional information.

EPA REG. NO. 352-538-54382
EPA EST. NO.

Net Contents: 0.375 Pounds

H-33171 IEC Herbicide

PRECAUTIONARY STATEMENTS

WARNING

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

May cause substantial but temporary eye injury. Do not get in eyes. Wear goggles or face shield and impermeable rubber gloves (such as neoprene or PVC) while mixing. Harmful if swallowed, absorbed through skin or inhaled. Do not take internally. Avoid inhalation of vapor or spray mist. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Drift or runoff may adversely affect nontarget plants. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

STORAGE AND DISPOSAL:

Do not contaminate water, food or feed by storage or disposal.

Do not store over 100°F or below 10°F. Do not use or store near heat or open flame.

PESTICIDE DISPOSAL:

Pesticide wastes are toxic. 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:

Empty containers should be triple rinsed into the spray tank during the spray operation. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerator, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

STATEMENT OF PRACTICAL TREATMENT

In case of eye contact, immediately flush with plenty of water for 15 minutes. Get medical attention.

If swallowed, do not induce vomiting. H-33171 IEC Herbicide contains petroleum distillates. Call a physician. Vomiting should be supervised by a physician because of the possible pulmonary damage via aspiration of the solvent.

If possible bring this container and labeling to the attending physician. For emergency assistance call (908) 231-4125.

MCPA Herbicide

PRECAUTIONARY STATEMENTS

WARNING

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUSES SKIN IRRITATION. HARMFUL IF SWALLOWED. MAY CAUSE ALLERGIC SKIN REACTION. Do not get on skin or clothing. Avoid contact with eyes. Avoid breathing spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

STATEMENT OF PRACTICAL TREATMENT: If on skin: Wash with plenty of soap and water. Get medical attention. If in eyes: Flush with plenty of water. Get medical attention if irritation persists. If swallowed: Do not induce vomiting. Call a physician.

ENVIRONMENTAL HAZARDS

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

Mixing and Loading: Most cases of groundwater contamination involving phenoxy herbicides such as MCPA have been associated with mixing/loading and disposal sites. Caution should be exercised when handling MCPA pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing and transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

Cleaning of Equipment: When cleaning equipment, do not pour washwater on the ground; spray or drain over a large area away from wells and other water sources.

Do not apply MCPA isooctyl ester around houses, recreation sites, or similar areas.

STORAGE AND DISPOSAL:

Do not contaminate water, food or feed by storage or disposal.

STORAGE:

Do NOT store in freezing temperatures. If allowed to freeze remix before using. Do not transport with or store near fertilizers, seeds, insecticides or fungicides.

PESTICIDE DISPOSAL:

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL:

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Local conditions may affect the use of this chemical. Consult State Agricultural Extension or Experiment Station weed specialists for specific recommendations for local weed problems and for information on possible lower doses

X-TRA HERBICIDE

PRECAUTIONARY STATEMENTS

CAUTION

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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

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

ENVIRONMENTAL HAZARDS

Do not apply directly to water or wetlands (swamps, bogs, marshes and potholes). Do not contaminate water when disposing of equipment washwaters. In case of significant spill, call CHEMTREC 1-800-424-9300.

STORAGE AND DISPOSAL

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

PRODUCT DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Triple-rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and authorities, by burning. If burned, stay out of smoke.

In case of significant spill, call CHEMTREC 1-800-424-9300.

IMPORTANT NOTICE: DISCLAIMER

Read "IMPORTANT NOTICE: DISCLAIMER" before buying or using. If terms are not acceptable, return at once unopened. HOECHST-ROUSSEL AGRI-VET COMPANY warrants only that the product conforms to the chemical description on the label and is reasonably fit for the purpose stated on the label when used in accordance with the directions under normal conditions of use. This warranty does not extend to the use of this product contrary to label instructions or under abnormal conditions, or under conditions not reasonably foreseeable to HOECHST-ROUSSEL AGRI-VET COMPANY and user assumes the risk of any such use. HOECHST-ROUSSEL AGRI-VET COMPANY MAKES NO OTHER WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR OF MERCHANTABILITY. In no case shall HOECHST-ROUSSEL AGRI-VET COMPANY be liable for consequential, special, indirect or incidental damages resulting from the use or handling of this product. The foregoing conditions of sale and warranty can be varied only by an agreement in writing signed by a duly authorized representative of HOECHST-ROUSSEL AGRI-VET COMPANY.

DIRECTIONS FOR USE

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

GENERAL INFORMATION

Cheyenne TP Herbicide is a broad-spectrum postemergence herbicide for the control of both grass and broadleaf weeds in wheat (excluding durum). Grass weeds controlled include wild oats, green foxtail (pigeongrass), volunteer and wild millet species. In addition, several broadleaf weeds are controlled including kochia, redroot pigweed, wild mustard, and common lambsquarters.

A convenient package of Cheyenne TP Herbicide contains 3.52 gallons (2 containers at 1.76 gallons each) of H-33171 1EC Herbicide (each marked container number 3), 1.89 gallons of MCPA Herbicide (marked container number 2), and 0.375 pounds of X-Tra Herbicide (marked container number 1). All of the components in the Cheyenne TP Herbicide package MUST be tank mixed according to the mixing instructions in this label and applied according to the label recommendations or a reduction in weed control and/or an increase in crop phytotoxicity will occur.

DO NOT apply to durum wheat or barley.

APPLICATION INFORMATION

Cheyenne TP Herbicide controls the following annual grassy and broadleaf weeds with one rate of application. One package of Cheyenne TP Herbicide will treat 20 acres of wheat. All containers in the box must be completely used to insure crop safety and adequate weed control.

Ground Application: DO NOT apply when winds are gusty, or when conditions will favor movement of spray particles off the desired spray target. To avoid drift and insure consistent weed control, apply Cheyenne TP Herbicide with the spray boom as low as possible while maintaining a uniform spray pattern. Apply a minimum of ten (10) gallons of spray solution per acre, using a spray pressure of 30-40 PSI with flat-fan nozzle tips. DO NOT apply with hollow cone type nozzles used for applying insecticides or other nozzles that produce a fine droplet spray. Under dense weed populations, high spray volume (15-20 gpa) is very important for obtaining thorough coverage.

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RATE RECOMMENDATION CHART

<u>Grass Species</u>	
Foxtail Millets (volunteer) (Common, Siberian, Hungarian, German)	
Green Foxtail	
Proso Millet (volunteer, wild)	
Wild Oats	
Yellow Foxtail *	
<u>Broadleaf Weeds</u>	
Annual Sowthistle	Prostrat. Knotweed
Black Mustard	Russian Thistle
Treacle Mustard	Scentless Mayweed
Common Chickweed	Shepherd's-purse
Common Groundsel	Smallflower Buttercup
Common Lambsquarters	Stinking Mayweed/Dogfennel
Curly Dock	Tarweed Fiddleneck
False Chamomile	Tumble Mustard
Field Pennycress	Volunteer Lentils
Flixweed	Volunteer Peas
Green Smartweed	Volunteer Sunflower
Kochia	Wild Buckwheat *
Ladysthumb	Wild Chamomile
London Rocket	Wild Garlic
Marshelder	Wild Mustard
Miners Lettuce	Canada Thistle *
Pennsylvania Smartweed	
Redroot Pigweed	

* Suppression Only

Cheyenne TP Herbicide contains three active ingredients (MCPA ester, thifensulfuron, tribenuron) which require special equipment cleanup after spraying. Therefore, spray equipment used in applying this product should be thoroughly cleaned before using for any other purpose. See Sprayer Cleanup section of this labeling for further information.

TIMING OF APPLICATION

The time of application is determined by the growth stage of the wheat and the grassy weed species. Apply Cheyenne TP Herbicide to wheat from the 3 leaf stage to the end of tillering stage of growth. DO NOT spray wheat after jointing begins.

Cheyenne TP Herbicide will control susceptible grassy weeds in the 2-4 leaf stage of growth. Annual broadleaf weeds should have grown beyond the cotyledon stage but less than 4 inches tall or in diameter. Applications should be made to young, actively growing weeds.

Cheyenne TP Herbicide has no effect via the soil and will only control emerged grassy and broadleaf weeds.

MOISTURE EFFECTS ON ANNUAL GRASSY WEED CONTROL

The following conditions will result in optimum wild oat control:

- a. adequate soil moisture which occurs under normal rainfall or in wheat following a fallow year
- b. temperatures generally lower than 85°F for several days prior to application

Low soil moisture levels, low humidity, and high temperatures will interact to reduce the wild oat control by Cheyenne TP Herbicide.

Foxtail (pigeongrass) can be well controlled over a wide range of soil moisture conditions. However, foxtail under drought stress exhibits rolled leaves ("onion leaf") and should not be sprayed as poor control may result.

MIXING INSTRUCTIONS

1. Assure the spray tank is thoroughly clean.
2. Fill the spray tank half full with clean water and start agitation or by-pass system.
3. Add the entire amount of the X-TRA Herbicide (container #1), into four gallons of clean water.
4. Add the mixture to the spray tank. Agitate thoroughly until all of the X-TRA Herbicide is completely in suspension.
5. Add the entire amount of MCPA (container #2) and continue agitation.
6. Add the entire amount of H-33171 1EC Herbicide (two containers marked #3) and continue agitation.
7. Triple rinse the emptied containers, numbers 1, 2, and 3, into the spray tank.
8. Add the remaining amount of water while agitation continues. Spray immediately. Spray mixture should not be left in spray tank overnight.

Special Note: Always mix the X-TRA Herbicide (container #1) in four gallons of water first, then add this suspension to the partially filled sprayed tank.

SPRAYER CLEANUP

To avoid subsequent injury to crops other than wheat, thoroughly clean all mixing and spray equipment immediately following applications of Cheyenne TP Herbicide as follows:

1. Drain tank; thoroughly rinse spray tanks, boom, and hoses with clean water. Loosen and physically remove any visible deposits.
2. Fill the tank with clean water and one gallon of household ammonia* (contains 3% active) for every 100 gallons of water. Flush the hoses, boom and nozzles with the cleaning solution. Then add more water to completely fill the tank. Circulate the cleaning solution through the tank and hoses for at least 15 minutes. Again flush the hoses, boom and nozzles with the cleaning solution and then drain the tank.
3. Remove the nozzles and screens and clean separately in a bucket containing cleaning agent and water.
4. Repeat Step 2.
5. Rinse the tank, boom and hoses with clean water.
6. The rinsate may be disposed of on site or at an approved waste disposal facility.

*Equivalent amounts of an alternate strength ammonia solution or an approved cleaner (listed below) can be used in the cleanout procedure. Carefully read and follow the individual cleaner instructions.

APPROVED CLEANERS:

- Protank Cleaner-Manufactured for Cenex/Land O'Lakes Agronomy Co.
- Chem-Tank Cleaner & Neutralizer-Manufactured by Farmbelt Chemicals, Inc.
- "Incide-Out"(8)
- Nutra-Sol--Compounded for Thomas G. Kilfoil Co., Inc., San Bruno, CA
- Tank and Equipment Cleaner-Manufactured by Loveland Industries, Inc.
- Tank-Aid--Manufactured for Cornbelt Chemical Company

NOTES:

1. Where routine spraying practices include shared equipment frequently being switched between applications of X-Tra and applications to sensitive crops during the same spray season, it is recommended a sprayer be dedicated to X-Tra to further reduce the chance for injury to sensitive crops.
2. Since the presence of tank-mix partners can interfere with the dispersion of X-Tra, when multiple tank loads of the same mix are being prepared, preslurry X-Tra in a dedicated container of clean water prior to adding to the tank.
3. DO NOT use chlorine bleach with ammonia. Mixing of these materials will release a gas with a musty chlorine odor which can cause eye, nose, throat and lung irritation. DO NOT clean equipment in an enclosed area.

SPECIAL NOTES

1. DO NOT apply to durum wheat, barley, rye, or tame oats.
2. Rainfall within four (4) hours of an application may cause a reduction in weed control.
3. DO NOT apply more than one (1) application in a growing season.
4. DO NOT apply Cheyenne TP Herbicide within 70 days of harvest.
5. DO NOT apply this product through any type of irrigation system.
6. DO NOT apply this product aurally.
7. DO NOT tank mix Cheyenne TP Herbicide with other broadleaf herbicides, surfactants, or liquid fertilizers.
8. Cheyenne TP Herbicide contains the herbicides fenoxoprop-ethyl, thifensulfuron, tribenuron, and MCPA as active ingredients. Therefore, this product may kill or seriously injure many desirable forms of vegetation. Do not apply directly to flowers, fruits, vegetables, ornamentals, or other desirable plants. Do not use when there is hazard from drifting mists (coarse sprays are less likely to drift). Vapors from this product may injure susceptible plants in the immediate vicinity.
9. Cool, wet conditions at the time of application may result in temporary stunting or chlorosis of the wheat.
10. DO NOT plant any crop other than wheat or barley for 60 days after application of Cheyenne TP Herbicide.
11. DO NOT graze or feed forage or hay from treated areas to livestock (harvested straw may be used for bedding and/or feed).
12. DO NOT apply to wheat that is stressed by severe winter, drought, water-saturated soil, disease or insect damage as crop injury may result. Under certain conditions such as prolonged cool weather (daily high temperature less than 50 Deg. F.) or wide fluctuations in day/night temperatures just prior to, during or soon after treatment, temporary yellowing and/or crop stunting may occur. Risk of injury is greatest when crop is in the 3 to 5-leaf stage.

Revised August 15, 1991

DAKOTA® TP HERBICIDE

**A TWIN PACK PRODUCT FOR POSTEMERGENCE CONTROL OF GREEN FOXTAIL,
YELLOW FOXTAIL AND OTHER ANNUAL GRASSES AND BROADLEAF WEEDS IN
HARD RED SPRING WHEAT**

E-33171 IEC Herbicide

MCPA Herbicide

Active Ingredient:

Fenoxaprop-ethyl: (±)-ethyl 2-[4-[(6-chloro-2-benzoxazolyl)oxy]phenoxy]propanoate.....12.50%*

Active Ingredient:

Isooctyl ester of 2-methyl-4-chlorophenoxyacetic acid.....

Inert Ingredients:.....17.50%**

Inert Ingredients:.....

TOTAL: 100.00%

TOTAL

* Equivalent to 1.00 pound of active ingredient per gallon.

** This product contains the toxic inert ingredient dimethylformamide.

***Contains the equivalent of 47.7% 2-methyl-4-chlorophenoxyacetic acid equivalent to 4.0 lbs. per gallon.

KEEP OUT OF REACH OF CHILDREN

KEEP OUT OF REACH

WARNING

WARNING

See additional precautionary statements.

See additional precautionary statements.

Not for sale in California and Hawaii.

See attached folder for complete directions of use and additional information.

See attached folder for complete directions of use and additional information.

EPA EST. NO. 464-M1-1
EPA REG. NO. 62719-59-54382

EPA EST. NO. 34704-M1-1
EPA REG. NO. 8340-33-54382

Net Contents: 1.89 Gallons

Net Contents: 1.25 Gallons

Hoechst Celanese

Hoechst Celanese Corporation
Route 202-206
PO Box 2500
Somerville, NJ 08876-1258

Hoechst

M-33171 Herbicide

PRECAUTIONARY STATEMENTS

WARNING

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

May cause substantial but temporary eye injury. Do not get in eyes. Wear goggles or face shield and impermeable rubber gloves (such as neoprene or PVC) while mixing. Harmful if swallowed, absorbed through skin or inhaled. Do not take internally. Avoid inhalation of vapor or spray mist. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Drift or runoff may adversely affect nontarget plants. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

STORAGE AND DISPOSAL:

Do not contaminate water, food or feed by storage or disposal.

Do not store over 100°F or below 10°F. Do not use or store near heat or open flame.

PESTICIDE DISPOSAL:

Pesticide wastes are toxic. 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:

Empty containers should be triple rinsed into the spray tank during the spray operation. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerator, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

STATEMENT OF PRACTICAL TREATMENT

In case of eye contact, immediately flush with plenty of water for 15 minutes. Get medical attention.

If swallowed, do not induce vomiting. MOK-33171 IEC Herbicide contains petroleum distillates. Call a physician. Vomiting should be supervised by a physician because of the possible respiratory damage via aspiration of the solvent.

If possible bring this container and labeling to the attending physician. For emergency assistance call (908) 231-4125.

MCPA Herbicide

PRECAUTIONARY STATEMENTS

WARNING

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUSES SKIN IRRITATION. HARMFUL IF SWALLOWED. MAY CAUSE ALLERGIC SKIN REACTION.

Do not get on skin or clothing. Avoid contact with eyes. Avoid breathing spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

STATEMENT OF PRACTICAL TREATMENT: If on skin: Wash with plenty of soap and water. Get medical attention. If in eyes: Flush with plenty of water. Get medical attention if irritation persists. If swallowed: Do not induce vomiting. Call a physician.

ENVIRONMENTAL HAZARDS

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

Mixing and Loading: Most cases of groundwater contamination involving phenoxy herbicides such as MCPA have been associated with mixing/loading and disposal sites. Caution should be exercised when handling MCPA pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing and transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

Cleaning of Equipment: When cleaning equipment, do not pour washwater on the ground; spray or drain over a large area away from wells and other water sources.

Do not apply MCPA isooctyl ester around houses, recreation sites, or similar areas.

STORAGE AND DISPOSAL:

Do not contaminate water, food or feed by storage or disposal.

STORAGE:

Do NOT store in freezing temperatures. If allowed to freeze remix before using. Do not transport with or store near fertilizers, seeds, insecticides or fungicides.

PESTICIDE DISPOSAL:

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL:

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Local conditions may affect the use of this chemical. Consult State Agricultural Extension or Experiment Station weed specialists for specific recommendations for local weed problems and for information on possible lower dosages.

purpose stated on the label when used in accordance with the directions under normal conditions of use. This warranty does not extend to the use of this product contrary to label instructions or under abnormal conditions, or under conditions not reasonably foreseeable to HOECHST-ROUSSEL AGRI-VET COMPANY and user assumes the risk of any such use. HOECHST-ROUSSEL AGRI-VET COMPANY MAKES NO OTHER WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR OF MERCHANTABILITY. In no case shall HOECHST-ROUSSEL AGRI-VET COMPANY be liable for consequential, special, indirect or incidental damages resulting from the use or handling of this product. The foregoing conditions of sale and warranty can be varied only by an agreement in writing signed by a duly authorized representative of HOECHST-ROUSSEL AGRI-VET COMPANY.

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DIRECTIONS FOR USE

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

GENERAL INFORMATION

Dakota TP Herbicide is a postemergence herbicide for the control of green and yellow foxtail (pigeongrass), volunteer and wild millet species, and certain broadleaf weeds in hard red spring wheat (excluding durum).

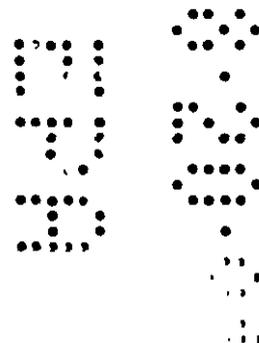
A convenient package of Dakota TP Herbicide contains 1.25 gallons of H-33171 1EC Herbicide and 1.89 gallons of MCPA Herbicide. All of the components in the Dakota TP Herbicide package must be tank mixed and applied together according to the label recommendations or a reduction in weed control and/or crop tolerance will occur.

DO NOT apply to durum wheat or barley.

APPLICATION INFORMATION

Dakota TP Herbicide, when applied as recommended in the following Rate Recommendation Chart, controls the listed annual grassy and broadleaf weeds.

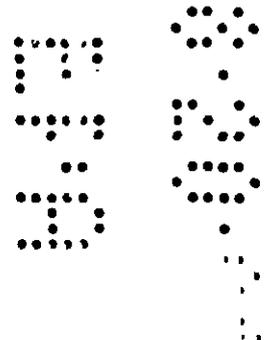
Ground Application: Do not apply when winds are gusty, or when conditions will favor movement of spray particles off the desired spray target. To avoid drift and insure consistent weed control, apply Dakota TP Herbicide with the spray boom as low as possible while maintaining a uniform spray pattern. Apply a minimum of ten (10) gallons of spray solution per acre, using a spray pressure of 30-40 PSI with flat fan nozzle tips. Do not apply with hollow cone type insecticide or other nozzles that produce a fine droplet spray. Under dense weed/crop canopies, high spray volume (15-20 gpa) is very important for obtaining thorough coverage.



RATE RECOMMENDATION CHART	
Grass Species	Acres Treated Per Package
Green Foxtail Foxtail Millets (volunteer) Common, Siberian, Hungarian, German Millet	20
Yellow Foxtail Proso Millet (volunteer, wild)	13
Broadleaf Weeds	Acres Treated Per Package
Annual Sowthistle Canada Thistle (suppression)* Common Lambsquarters Field Pennycress Pigweed (suppression)* Purslane Ragweed Shepherdspurse Tumble (Jim Hill) Mustard Wild Mustard Wild Radish	13-20

* Use the 13-acre per package rate for the control of less susceptible species in a mixed population.

Dakota TP Herbicide contains the herbicide MCPA as one of the active ingredients. Therefore, spray equipment used in applying this product should be thoroughly cleaned before using for any other purpose. Use repeated flushings with soap and warm water or suitable chemical cleaner.



TIMING OF APPLICATION

Apply Dakota TP Herbicide to spring wheat from the 3 leaf stage to the end of tillering stage of growth. DO NOT spray spring wheat after jointing begins.

Dakota TP Herbicide will control susceptible grassy weeds in the 2-leaf to 2-tiller stage of growth. Annual broadleaf weeds must not exceed 4 inches in height. Application should be made to young, actively growing weeds. Dakota TP Herbicide controls emerged grassy and broadleaf weeds. All the contents of both containers must be tank mixed and used completely to insure against phytotoxicity and to insure weed control.

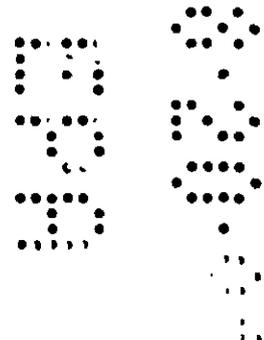
MOISTURE EFFECTS ON ANNUAL GRASSY WEED CONTROL

Foxtail (pigeongrass) can be controlled over a wide range of soil moisture conditions. However, foxtail under drought stress exhibits rolled leaves ("onion leaf") and should not be sprayed as poor control may result.

TANK MIX COMBINATIONS

Banvel^R Herbicide or Banvel^R SGFTM Herbicide

Two (2) fluid ounces of Banvel Herbicide or four (4) fluid ounces of Banvel SGF Herbicide can be tank mixed with Dakota TP Herbicide for additional broadleaf weed control. The use rate of Dakota TP Herbicide when tank mixing with either Banvel formulation is 20 acres per package for green foxtail and foxtail millets and 13 acres per package for yellow foxtail and proso millet (volunteer and wild).



Harmony^R Extra 75DF Herbicide, Express^R 75DF Herbicide, Ally^R 60DF Herbicide, or Buc-tril^R 2EC Herbicide

These herbicides can only be used with Dakota TP Herbicide if green foxtail and/or foxtail millets are the predominant grassy weeds in the field. The use rate of Dakota TP Herbicide for green foxtail and foxtail millets control when tank mixing with these broadleaf herbicides is 15 acres per package. Yellow foxtail control may be reduced with these tank mix combinations. The maximum use rate for these broadleaf herbicides is as follows:

Product	Ounces of Product Per 15 Acres
Harmony Extra 75DF	4.50
Express 75DF	2.55
Ally 60DF	1.50
*Buc-tril 2EC	240.00

* The addition of Buc-tril 2EC Herbicide to Dakota TP Herbicide may cause temporary wheat yellowing and/or stunting.

Refer to these specific product labels for all use and precautionary statements.

USE PRECAUTIONS FOR DAKOTA TP HERBICIDE

1. DO NOT apply to durum wheat, barley, rye, or tame oats.
2. Rainfall within one (1) hour of an application may cause a reduction in weed control.
3. DO NOT apply more than one (1) application in a growing season.
4. DO NOT apply Dakota TP Herbicide within 70 days of harvest.
5. DO NOT apply this product through any type of irrigation system.
6. DO NOT apply this product aerially.
7. DO NOT tank mix Dakota TP Herbicide with other broadleaf herbicides, surfactants, or liquid fertilizers unless specifically recommended on this label.
8. Dakota TP Herbicide contains the active ingredients fenoxoprop-ethyl and MCPA. Therefore, this product may kill or seriously injure many desirable forms of vegetation. Do not apply directly to flowers, fruits, vegetables, ornamentals, or other desirable plants. Do not use when there is hazard from drifting mists. (Coarse sprays are less likely to drift.) Vapors from this product may injure susceptible plants in the immediate vicinity.
9. Dakota TP Herbicide contains the herbicide MCPA as one of the active ingredients. Excessive amounts of this product in the soil may temporarily inhibit seed germination and plant growth.
10. Cool, wet conditions at the time of application may result in temporary stunting or chlorosis of the wheat.

Trademark Information

Banvel^R and Banvel^R SGFTM are registered trademarks of Sandoz Crop Protection Corporation.

Harmony^R Extra, Express^R, and Ally^R are registered trademarks of E.I. duPont de Nemours & Co., Inc.

Buctril^R is a registered trademark of Rhone-Poulenc Ag Company.

