

PM-23

Reg # 19713-337

1918

Please read instructions on reverse before completing form. Form Approved, OMB No. 2070-0060, Approval expires 2-28-95



United States
Environmental Protection Agency
Washington, DC 20460

<input type="checkbox"/> Registration
<input type="checkbox"/> Amendment
<input checked="" type="checkbox"/> Other

OPP Identifier Number
229195

Application for Pesticide - Section I

1. Company/Product Number 19713-337	2. EPA Product Manager R. Taylor/J Miller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Drexel Suppress DP (Duo-Pack)	PM# #21 and #23	
5. Name and Address of Applicant (Include ZIP Code) Drexel Chemical Company P. O. Box 13327 Memphis, Tn 38113-0327 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)
Drexel is preparing a Duo-Pack of Drexel Atrazine 4L (19713-11) and Drexel LV6 Weed Killer (19713-337) which will be called DREXEL SUPPRESS DP.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
* Certification must be submitted	If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container		<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Barbara Brown	Title Registration Specialist	Telephone No. (Include Area Code) 901/774-4370
2. Signature <i>Barbara Brown</i>		3. Title Registration Specialist
4. Typed Name Barbara Brown		5. Date 7/7/95
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)

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**DREXEL
HERBICIDE II**

ACTIVE INGREDIENT:

2-Ethylhexyl Ester of 2,4-Dichlorophenoxyacetic acid* 94.4%

INERT INGREDIENTS: 5.6%

TOTAL: 100.0%

*2,4-Dichlorophenoxyacetic Acid equivalent to 62.6% . Product contains 6 lbs. active ingredient per gallon
Isomer specific by ADAC Method No. 6.D01 - 5.D05.

KEEP OUT OF REACH OF CHILDREN

CAUTION

SHAKE WELL BEFORE USING

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 to 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

IF IN EYES: Flush with plenty of water. Get medical attention if irritation persists..

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

IF INHALED: Move victim to fresh air. Give artificial respiration if needed. Get medical attention.

EPA REG. NO. 19713-337

EPA EST. NO. 19713-MS-1

MANUFACTURED BY:

Drexel Chemical Company

P. O. Box 13327

Memphis, TN 38113-0327

ENVIRONMENTAL HAZARDS

For terrestrial uses, do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from target areas. Spray equipment used in applying this product should be thoroughly cleaned before using for any other purpose. Use repeated flushing with soap and warm water or suitable chemical cleaner. It is best to use a separate sprayer for application of insecticides and fungicides. Do not contaminate water by cleaning of equipment or disposal of washwater. This product will kill or seriously injure many desirable forms of vegetation. Do not apply directly to flowers, fruits, vegetables, grapes, ornamentals, cotton or other desirable plants. Do not use when there is hazard from product may injure susceptible plants in the immediate vicinity. Avoid contamination of water used for domestic purposes and irrigation purposes. Excessive amounts of this product in the soil may temporarily inhibit seed germination and plant growth. This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and non-target plants. Do not apply directly to water except as specified on this label. Do not contaminate water when disposing of equipment washwaters.

GROUND WATER CONTAMINATION

Most cases of groundwater contamination involving phenoxy herbicides such as 2,4-D pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing or 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.

DIRECTIONS FOR USE

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

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

For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulations.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

PRECAUTIONARY STATEMENTS

Hazards to humans and domestic animals.

CAUTION: Harmful if swallowed. Avoid breathing spray mist. Avoid contact with skin, eyes and clothing. May produce skin sensitization reaction in certain individuals. In case of contact, immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists. The area being treated must be vacated by unprotected persons.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

Long-sleeved shirt and long pants

Waterproof gloves

Shoes plus socks

Protective eyewear.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENGINEERING CONTROL STATEMENTS

If this container contains over 1 gallon and less than 5 gallons, mixers and loaders who do not use a closed mechanical system (probe and pump) to transfer the contents of this container must wear coveralls or a chemical-resistant apron in addition to the other required PPE.

If this container contains 5 gallons or more in capacity, a closed mechanical system (probe and pump) must be used for transferring the contents of this container. If the contents of a non-refillable pesticide container are emptied, the probe must be rinsed before removal. The mechanical system must be used in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d)(4)]. The handler PPE requirements may be reduced or modified as specified in the WPS.

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

USER SAFETY REQUIREMENTS

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

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AGRICULTURAL REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard. Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours. PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is: Coveralls, waterproof gloves, and shoes plus socks

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food, or feed by storage or disposal. Do not store under conditions which might adversely affect the container or its ability to function properly.

STORAGE: Do not store below temperatures of 0 degrees F. If frozen, warm to 40 degrees F. and reconstitute before using by rolling or shaking the container. Store in a safe manner. Store in original container only. Keep container tightly closed when not in use. Reduce stacking height where local conditions can affect package strength. Personnel should use clothing and equipment consistent with good pesticide handling.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of federal law and may contaminate groundwater. 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: 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.

WARRANTY - CONDITION OF SALE

The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, herbicide resistant weed population, or the use of, or application of the product contrary to label instructions, all of which are beyond the control of Drexel Chemical Company. All such risks shall be assumed by the User.

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Drexel Chemical Company shall not be responsible for losses or damages resulting from use of this product in any manner not set forth on this label. User assumes all risks associated with the use of this product in any manner not specifically set forth on this label. Drexel Chemical Company warrants only that the material contained herein conforms to the chemical description on the label and is reasonably fit for the use therein described when used in accordance with the directions for use, subject to the risks referred to above.

RESTRICTED USE PESTICIDE
 (Ground and surface water concerns)

For retail sale to and use only by certified applicators or persons under their direct supervision, and only for those uses covered by the certified applicator's certification. This product is a restricted use herbicide due to ground and surface water concerns. Users must read and follow all precautionary statements and instructions for use in order to minimize potential for atrazine to reach ground and surface water.

**DREXEL
 SUPPRESS DP
 HERBICIDE DUO-PACK**

HERBICIDE I
 EPA Reg. No. 19713-11

ACTIVE INGREDIENT:	
Atrazine: (2-chloro-6-isopropylamine-s-triazine) . . .	40.8%
Related compounds.2.2%
INERT INGREDIENTS:	<u>57.0%</u>
TOTAL:	100.0%

HERBICIDE II
 EPA REG. NO. 19713-337

ACTIVE INGREDIENT:	
2-Ethylhexyl Ester of 2,4-Dichlorophenoxyacetic acid .	94.4%
INERT INGREDIENTS:	<u>5.6%</u>
TOTAL:	100.0%

**KEEP OUT OF REACH OF CHILDREN
 CAUTION**

This Duo-Pack contains 1-7/8 gallons of HERBICIDE I and 2-1/2 quarts of HERBICIDE II

Refer to the individual product labels for Precautionary Statements, Worker Protection Standard Requirements, Storage and Disposal and Environmental Hazards Information.

MANUFACTURED BY:
 Drexel Chemical Company
 P. O. Box 13327
 Memphis, TN 38113-0327

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Contact your local Poison Control Center, hospital or physician. If the patient is unconscious, maintain breathing and heartbeat (cardiopulmonary resuscitation). If the patient is conscious and alert, induce vomiting (syrup of ipecac or stimulate the back of the throat with finger). Never give anything by mouth to a unconscious person.

IF IN EYES: Flush with plenty of water. Get medical attention if irritation persists.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

IF INHALED: Move victim to fresh air. Give artificial respiration if needed. Get medical attention.

PRECAUTIONARY STATEMENTS

Hazards to humans and domestic animals.

CAUTION: Avoid application directly to animals or humans. Harmful if swallowed. Avoid breathing of spray. Do not take internally. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear: Long-sleeved shirt and long pants, waterproof gloves, chemical-resistant footwear plus socks and protective eyewear. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water.

ENGINEERING CONTROLS STATEMENT:

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

USER SAFETY REQUIREMENTS

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

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ENVIRONMENTAL HAZARDS

Atrazine can travel (seep or leach) through soil and can enter ground water which may be used as drinking water. Atrazine has been found in groundwater. Users are advised not to apply atrazine to sand and loamy sand soils where the water table (groundwater) is close to the surface and where these soils are very permeable, i.e., well-drained. Your local agricultural agencies can provide further information on the type of soil in your area and the location of groundwater. Groundwater contamination may be reduced by diking and flooring of permanent liquid bulk storage sites with an impermeable material. This pesticide is toxic to aquatic invertebrates. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Runoff and drift from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters.

This product may not be mixed/loaded, or used within 50 feet of all wells including abandoned wells, drainage wells, and sink holes. This product may not be mixed or loaded within 50 feet of intermittent streams and rivers, natural or impounded lakes and reservoirs. This product may not be applied aerially or by ground within 66 feet of the points where field surface water runoff enters perennial or intermittent streams and rivers or within 200 feet around natural or impounded lakes and reservoirs. If this product is applied to highly erodible land, the 66 foot buffer or set-back from runoff points must be planted to crop or seeded with grass or other suitable crop.

DIRECTIONS FOR USE

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

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

For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulations.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

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AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard. Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours. PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is: Coveralls, waterproof gloves, and chemical-resistant footwear plus socks

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food, or feed by storage or disposal. Do not store under conditions which might adversely affect the container or its ability to function properly.

STORAGE: Do not store below temperatures of 0 degrees F. If frozen, warm to 40 degrees F. and reconstitute before using by rolling or shaking the container. Store in a safe manner. Store in original container only. Keep container tightly closed when not in use. Reduce stacking height where local conditions can affect package strength. Personnel should use clothing and equipment consistent with good pesticide handling.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of federal law and may contaminate groundwater. 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: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if a allowed by state and local authorities, by burning. If burned, stay out of smoke.

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WARRANTY - CONDITION OF SALE

The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, herbicide resistant weed population, or the use of, or application of the product contrary to label instructions, all of which are beyond the control of Drexel Chemical Company. All such risks shall be assumed by the User. Drexel Chemical Company shall not be responsible for losses or damages resulting from use of this product in any manner not set forth on this label. User assumes all risks associated with the use of this product in any manner not specifically set forth on this label. Drexel Chemical Company warrants only that the material contained herein conforms to the chemical description on the label and is reasonably fit for the use therein described when used in accordance with the directions for use, subject to the risks referred to above.

GENERAL INFORMATION:

SUPPRESS DP will control most annual broadleaf and grass weeds in corn, sorghum, wheat, fallowland and conifers.

IMPORTANT: Do not use in greenhouses, nurseries, on turf, landscape plantings, or as a tree injection.

FAILURE TO FOLLOW DIRECTIONS AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR WEED CONTROL, CROP INJURY OR ILLEGAL RESIDUES.

Observe all cautions and limitations on this label and on the labels of each of the products in this duo-pack before using. Always follow the use directions of the more restrictive label. Observe all cautions and limitations on the labels of products used in combination with **SUPPRESS DP**. Do not use **SUPPRESS DP** other than in accordance with the instructions set forth in this label. The use of **SUPPRESS DP** not consistent with this label may result in injury to crops. Do Not apply this product through any type of irrigation system.

APPLICATION PROCEDURES:

To avoid spray drift, do not apply when conditions favor drift beyond the target area. Avoid spray overlap, as crop injury or illegal residues may occur.

Equip sprayers with nozzles that provide accurate and uniform application. Be certain that nozzles are the same size and uniformly spaced across the boom. Calibrate sprayer before use.

Use a pump with capacity to: (1) maintain 35-49 psi at nozzles, and (2) provide sufficient, continuous agitation in the tank to keep mixture in suspension - this requires recirculation of 10% of the tank volume per minute. Use a jet agitator or liquid sparge tube for agitation. Do not air sparge.

It is suggested that screens be used to protect the pump and to prevent nozzles from clogging. Screens placed on suction side of pump should be 16-mesh or coarser. Do not place a screen in the recirculation line. Use 50-mesh or coarser screens between the pump and boom, and where required, at the nozzles. Check nozzle manufacturer's recommendations.

For more information on spray equipment and calibration, consult sprayer manufacturers and state recommendations. For specific local directions and spray schedules, consult the current state agricultural experiment station recommendations.

AERIAL APPLICATION: Apply in 3 to 10 gallons of solution per acre. Do not use nozzles or nozzle configurations that generate fine droplets. Mechanical flagging systems are suggested to obtain more uniform application. Do not apply by air during periods of thermal inversion. Avoid application if potential for drift is excessive and/or susceptible crops are growing in the vicinity.

GROUND APPLICATION: Apply in 10 to 50 gallons of spray solution per acre using a boom type sprayer. Use flat fan nozzles and an operating pressure of 33 to 49 psi at the boom. A pressure of 30 psi or less may be desirable to help minimize drift if adequate weed coverage can be obtained at such pressure. High volumes of solution and lower travel speeds are generally helpful when lowering pressure.

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MIXING INSTRUCTIONS

NOTE: Slowly invert container several times to assure uniform mixture

Prepare no more spray mixture than is required for the immediate operation. Use the entire contents of this container once the container is opened. Thoroughly clean spray equipment before using this product. Agitate the spray solution before and during application. Rinse spray tank thoroughly with clean water after each days use and dispose of pesticide rinsate by application to an already treated area.

SUPPRESS DP Alone: Add 1/2 to 2/3 of the required amount of water to the spray or mixing tank. With the agitator running, add the SUPPRESS DP to the tank. Continue agitation while adding the remainder of the water. Begin application of the spray solution after the SUPPRESS DP has completely dispersed into the water. Maintain continuous agitation until all of the mixture has been sprayed.

If using SUPPRESS DP in mixture with other products, observe all directions for use, crops, sites, use rates, dilution ratios, precautions, and limitations which appear on the tank mix product label. No label dosage rate should be exceeded and the most restrictive label precautions and limitations should be followed. SUPPRESS DP should not be mixed with any product which prohibits such mixing. Tank mixtures or other application of products are permitted only in those cases for which the products are registered.

ROTATION CROPS

Land treated with atrazine should not be planted to any crop except corn or sorghum until the following year or injury may occur.

SUPPRESS DP will control or suppress* the following weeds in addition to many other susceptible noxious plants.

- | | | |
|-------------------------|------------------------|-------------------------|
| Black nightshade | Buffalo bur | Cocklebur |
| Common lambs quarter | Common ragweed | Dandelion |
| Docks | Downy brome | Easternblack nightshade |
| Giant ragweed | Ivy leaf morningglory | Jimsonweed |
| Mustard | Pennsylvania smartweed | Penny cress (fanweed) |
| Redroot pigweed | Scw thistle | Spanish needles |
| Sunflower | Tall morningglory | Velvet leaf |
| Venice mallow | Vetch | Wild buckwheat |
| Wild lettuce | Wild mustard | Wild oats |
| Witch grass | Yellow foxtail | Green foxtail |
| Large (hairy) crabgrass | | |

*Locally resistant weeds will generally be suppressed such that competition with the crop is reduced.

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SPECIFIC CROP USES

MAXIMUM RATES PRIOR TO FIELD CORN OR SORGHUM EMERGENCE

soil application prior to crop emergence (including early pre-plant, pre-plant surface, at planting or pre-emergence) the following maximum rates apply to the total of all atrazine treatments.

Soil Erodibility Classification*	Plant Residue Amount	Maximum Rate Per Acre Per Season
Highly erodible	30% or more (conservation tillage program)	2 lbs. atrazine
	Less than 30% (conventional tillage program)	1.6 lbs. atrazine
Non-highly	No limit	2 lbs. atrazine

*As defined by the Soil Conservation Service

NOTE: SUPPRESS DP is not recommended for pre-plant incorporated application.

In determining pounds of atrazine; 1-7/8 gallons is equivalent to 7.5 lbs. atrazine.

REPLANTING AND ROTATIONAL CROPS

1. If the treated crop is destroyed before maturity, only corn or sorghum can be replanted until the next year. This product may be applied to the replanted crop provided that the yearly maximum for atrazine is not exceeded and at least 3 weeks have elapsed since first treatment.
2. If this product is applied after June 10, do not rotate to crops other than corn or sorghum the following year or crop injury may result.
3. In the High Plains and Intermountain areas of the west where rainfall is sparse and erratic or where irrigation is required, a treated crop should be followed only by corn or sorghum, or a crop of untreated corn or sorghum should precede any other rotational crop.
4. In Western Minnesota and Eastern parts of the Dakotas, Nebraska, and Kansas, do not rotate to soybeans as crop injury may result.
5. Injury may occur to soybeans planted in North Central Iowa and South Central Minnesota the year following application of this product in soils having a calcareous surface layer.

6. Do not plant sugar beets, tobacco, vegetables (including dry beans), spring seeded small grains or small-seeded legumes and grasses the year following application or crop injury may result.

MAXIMUM RATES AFTER CORN OR SORGHUM EMERGENCE: Follow post-emergence applications, the following maximum rates apply to the total of all atrazine treatment.

Previous Soil Application of Atrazine To Crop	Total Atrazine Maximum Rate Per Calendar Year
No	2 lbs. atrazine post-emergence
Yes	2.5 lbs. atrazine combined from soil and post-emergence application.

In determining pounds of atrazine; 1-7/8 gallons of this container is equivalent to 7.5 lbs. atrazine.

FIELD CORN: Pre-plant Surface Application: To control existing broadleaf weed seedlings or susceptible cover crops prior to planting field corn, apply entire contents of the SUPPRESS DP Duo-Pack to 7.7 to 14.4 acres approximately 7 to 14 days before planting. Use according to the following application table:

PRE-PLANT APPLICATION RATES		
Soil Texture	Organic Matter	Acres/SUPPRESS DP Duo-Pack
Fine or medium (silt and clay loams)	Less than 1%	Do not make pre-plant application
	1% or more	7.7 to 14.4 acres
Coarse (sand, sandy loam, loamy sand)	Less than 2%	Do not make pre-plant application
	2% or more	7.7 to 14.4 acres

To control grasses or certain other problem weeds, it may be desirable to use a tank mixture with other herbicides. Observe the most restrictive label statements of various tank mix products used.

Pre-emergence: Follow pre-plant application rates above, except that timing is 3 to 5 days after planting, but prior to corn emergence. Corn seed should be covered with at least 1-1/2 inches of soil. Do not apply pre-emergence if a pre-plant application of this product was made.

Post-emergence: Apply early post-emergence from spike to 5 leaf stage of crop, but before 12 inches in height is exceeded. Avoid spraying just after corn leaves unfold. Weeds and crop should be actively growing and not under stress. Post-emergence application should not follow a pre-plant or pre-emergence application of this product by less than 3 weeks. Treated crop may be brittle and subject to breaking by wind and/or cultivation.

POST-EMERGENCE APPLICATION RATES		
CROP STAGE	ACRES PER SUPPRESS DP	
	DUO-PACK	COMMENTS
Spike to 4-leaf or up to 8 inches tall	13.4 acres	Over the top broadcast spray. May be used on all soil textures.
	7.7 to 13.4 acres	Use drop nozzles to keep spray off corn leaves. Do not apply to coarse soils (sand, sandy loam, loamy sands). Ground application only.
5-leaf or 8 to 12 inches tall	7.7 acres	Use drop nozzles to keep spray off corn leaves Ground application only.

SORGHUM Post-emergence: Follow all directions and restrictions for field corn post-emergence with the following additional limitations:

1. Heavy rains immediately following application tend to concentrate herbicide in seed furrows resulting in possible crop injury. Furrow and planter marks should be leveled before application of this product to furrow-planted crop.
2. Do not graze or feed forage from treated areas for 21 days following application.
3. Do not make more than one application of these herbicides to sorghum per growing season.

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4. The replanting and rotational crop statements for field corn also apply to sorghum.

FALLOWLAND POST-HARVEST TO WHEAT: Follow each of the crop rotations as indicated or crop injury may result. Do not graze or feed forage from treated area to livestock. Do not plant any crop other than those listed on this label within 18 months following treatment. Use only on silt loam or finer textured soils. Apply to wheat stubble ground within 10 days after harvest. To control grasses or certain other problem weeds, it may be desirable to use a tank mixture with other herbicides. Observe the most restrictive label statements of various tank mix products used.

WHEAT/FALLOW/WHEAT (CO, KS, MT, NE, ND, OK, SD, TX & WY): Apply broadcast, contents of the SUPPRESS DP Duo-Pack on 7.9 to 14.7 acres to control cheatgrass (downy brome, chess), common lambsquarters, pennycress, mustard, wild lettuce and many other susceptible weeds. Apply these herbicides only once in the same fallow period, except that a split application totaling not more than 7.9 acres per SUPPRESS DP Duo-Pack may be made from summer to fall following a summer harvest. Control of emerged weeds may be improved by adding an agriculturally accepted surfactant, crop oil concentrate, or fertilizer solution.

WHEAT/CORN OR SORGHUM/FALLOW (CO, KS, NE, OK & TX): Apply broadcast, contents of the SUPPRESS DP Duo-Pack on 2.6 to 8.8 acres to control many annual weeds following wheat harvest. Use highest rate for larger or harder to control weeds, and for longer residual. Control may extend to the subsequent minimum tillage corn or sorghum crop. Apply this product only once in the same post-harvest period except that a split application at a rate of not more than 2.6 acres per SUPPRESS DP Duo-Pack may be made from summer to fall following summer harvest or wheat. Control of emerged weeds may be improved by adding an agriculturally accepted surfactant, crop oil concentrate, or fertilizer solution. Plant corn or sorghum into the stubble with minimum disturbance of the soil.

Use a surface planter or a planter leaving a shallow furrow. If weeds are present, remove them with a sweep plow, other suitable implement, or herbicides registered for such use. Do not apply this product post-harvest to corn sorghum crop.

ESTABLISHED CONIFERS (including Christmas trees and reforestation areas): This herbicide can be used as a directed spray between and around conifers of all species. Use ground application equipment only. If a boom sprayer is not practical use other spray equipment capable of directing spray to weeds and minimizing contact with the conifers. Apply contents of the SUPPRESS DP Duo-Pack on 1.9 to 3.9 acres to control susceptible annual broadleaf weeds and control or suppress certain grasses. Make application in the early spring when weeds are small and actively growing, and before budbreak of conifers. Quackgrass should be less than 1-1/2 inches tall and treated at the 1.9 acre rate for best results. Adequate spring and summer rainfall is needed to activate the atrazine portion of this mix. Fall dormant applications may be preferable in areas where fall moisture is more regular than spring moisture.

LIMITATIONS:

1. Keep spray or drift off of conifer shoot growth or injury may occur.
2. Do not apply by air.
3. In areas west of the Rocky Mountains (except Great Basin), do not graze meat or milk animals on treated areas within 7 months of fall application or 3 months of a spring application. Do not graze treated areas in the Great Basin or East of the Rocky Mountains.
4. Coarse soils increase the risk of conifer injury by this product. Do not use on sand, loamy sand or sandy loam if the risk of injury is unacceptable.
5. Do not apply to seedbeds.
6. Apply only once per each 12 month period.