

19713-553

02-16-2012

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

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Ms. Luz Chan
Drexel Chemical Company
P.O. Box 13327
Memphis, TN 38113-0327

FEB 16 2012

Subject: Notification per PR Notice 2001-5 & 98-10
Drexel Simazat 90DF
EPA Registration Number 19713-553
Application dated January 31, 2012

Dear Ms. Chan,

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 2001-5 and 98-10 of the subject product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 2001-5 and 98-10 and finds that the action requested falls within the scope of PRN 2001-5 and 98-10. The label submitted with the application has been date-stamped "Notification" and will be placed in our records.

If you have any questions, please contact Hope Johnson at 703-305-5410.

Sincerely,

A handwritten signature in black ink, appearing to read "Kable Bo Davis".

Kable Bo Davis
Product Manager 25
Herbicide Branch
Registration Division (7505P)



United States
Environmental Protection Agency
 Washington, DC 20460

Registration
 Amendment
 Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 19713-553	2. EPA Product Manager Kable Bo Davis	3. Proposed Classification <input type="checkbox"/> None <input checked="" type="checkbox"/> Restricted
4. Company/Product (Name) DREXEL SIMAZAT 90DF	PM# 25/Herbicide Branch	
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)(ii), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

Amendment - Explain below. Final printed labels in response to Agency letter dated _____
 Resubmission in response to Agency letter dated _____ "Me Too" Application.
 Notification - Explain below. Other - Explain below.

NOTIFICATION
FEB 16 2012

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Submission of revised label to add resistance management per PR Notice 2005-1. Details are in the cover letter accompanying this submission.

This notification is consistent with the provisions of PR Notice 98-10 and EPA Regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the Confidential Statement of Formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under Sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input checked="" type="checkbox"/> Paper <input checked="" type="checkbox"/> Other (Specify) polywoven bag
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container

3. Location of Net Contents Information
 Label Container

4. Size(s) Retail Container
less than 50 lbs.; 50 lbs. and greater

5. Location of Label Directions
 On the label

6. Manner in Which Label is Affixed to Product
 Lithograph Paper glued
 Stenciled Other _____

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

Name Luz G Chan	Title Registration Manager	Telephone No. (Include Area Code) (901) 774-4370
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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.

2. Signature
Luz G Chan

3. Title
Registration Manager

4. Typed Name
Luz G Chan

5. Date
1/31/2012

6. Date Application Received
(Stamped)



Drexel Chemical Company

January 31, 2012

Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
Rm S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202

NOTIFICATION

FEB 16 2012

**Re: Submission of Revised Label According to PR Notice 2005-1
DREXEL SIMAZAT 90DF (EPA Reg. No. 19713-553)**


Herewith:

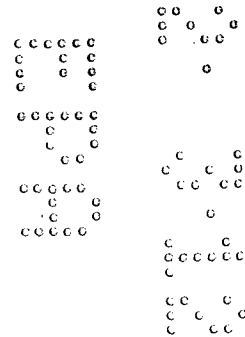
1. EPA Form 8570-1
2. Two copies (marked and unmarked) of the label (553SP-0212*) with the following revisions:
 - On page 1, the herbicide resistance group box was added.
 - On page 5, the "Resistance Management" section was added according to PR Notice 2005-1.

If you have questions/clarification regarding this submission, I can be reached at (901) 774-4370 or e-mail Lchan@drexchem.com.

Thank you.

Respectfully yours,
DREXEL CHEMICAL COMPANY


Luz G Chan
Registration Manager



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**RESTRICTED USE PESTICIDE
(GROUND AND SURFACE WATER CONCERNS)**

For retail sale 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.



GROUP 5 HERBICIDES

Simazat™ 90DF
Herbicide

For season-long weed control in Christmas tree plantations, Corn and Quackgrass control.

ACTIVE INGREDIENTS:

Atrazine	44.18%
Related compounds	0.83%
Simazine	45.00%

OTHER INGREDIENTS:	<u>9.99%</u>
TOTAL:	100.00%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

NOTIFICATION

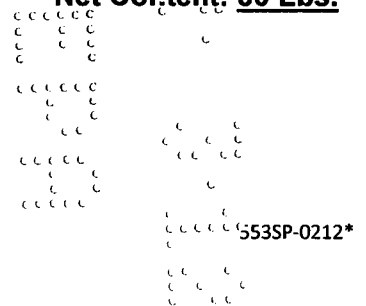
FEB 16 2012

See FIRST AID on Page 2

**EPA Reg. No. 19713-553
EPA Est. No. 19713-MS-001**

Net Content: 30 Lbs.

Manufactured By:
Drexel Chemical Company
P.O. BOX 13327, MEMPHIS, TN 38113-0327
SINCE 1972



FIRST AID

IF SWALLOWED:

- Immediately call a poison control center or doctor for treatment advice.
- Do not induce vomiting unless told to by a poison control center or doctor.
- Do not give any liquid to the person.
- Do not give anything by mouth to an unconscious person.

IF ON SKIN OR CLOTHING:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15 to 20 minutes.
- Call a poison control center or doctor for treatment advice.

IF IN EYES:

- Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

IF INHALED:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth.
- Call a poison control center or doctor for further treatment advise.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378.

NOTE TO PHYSICIAN: There is no specific antidote for atrazine. If this product is ingested, induce emesis or lavage stomach. The use of an aqueous slurry of activated charcoal may be considered.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Harmful if swallowed, absorbed through skin, or inhaled. Avoid contact with skin, eyes, or clothing. Causes moderate eye irritation. Avoid breathing spray mist.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are polyethylene or polyvinyl chloride. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

Mixers, loaders, cleaners of equipment or spills, and other handlers exposed to the concentrate and mixers and loaders supporting groundboom applications must wear: Coveralls over long-sleeved shirt and long pants, chemical-resistant gloves, chemical-resistant footwear plus socks, chemical-resistant apron, and a NIOSH-approved dust/mist filtering respirator with any R, P, or HE filter or a NIOSH-approved dust/mist filtering respirator with approval number prefix TC-21C.

Applicators and all other handlers of the dilute must wear: Long-sleeved shirt and long pants, chemical-resistant gloves and shoes plus socks.

Aerial application is prohibited.

See engineering controls for additional requirements.

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

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

ENGINEERING CONTROLS

When applicators or handlers use enclosed cabs in a manner that meets the requirements listed in the WPS for agricultural pesticides [40 CFR 170.240(d)(4-5)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Users should: 1) Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. 2) Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. 3) Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

Atrazine and Simazine can travel (seep or leach) through soil and can enter groundwater which may be used as drinking water. Atrazine and Simazine have been found in groundwater. Users are advised not to apply Atrazine and Simazine 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 product must not be mixed or loaded within 50 feet of intermittent streams and rivers, natural or impounded lakes and reservoirs. This product must not be applied 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 setback from runoff points must be planted to crop or seeded with grass or other suitable crop.

This product must not be mixed or loaded, or used within 50 feet of all wells including abandoned wells, drainage wells and sink holes. Operations that involve mixing, loading, rinsing, or washing of this product into or from pesticide handling or application equipment or containers within 50 feet of any well are prohibited, unless conducted on an impervious pad constructed to withstand the weight of the heaviest load that may be positioned on or moved across the pad. Such a pad shall be designed and maintained to contain any product spill or equipment leaks, container or equipment rinse or wash water, and rain water means that may fall on the pad. Surface water shall not be allowed to either flow over or from the pad which means the pad must be self-contained. The pad shall be sloped to facilitate material removal.

An unroofed pad shall be of sufficient capacity to contain at a minimum 110% of the capacity of the largest pesticide container or application equipment on the pad. A pad that is covered by a roof of sufficient size to completely exclude precipitation from contact with the pad shall have a minimum containment of 100% of the capacity of the largest pesticide container or application equipment on the pad. Containment capacities as described above shall be maintained at all times. The above-specified minimum containment capacities do not apply to vehicles when delivering pesticide to the mixing/loading sites.

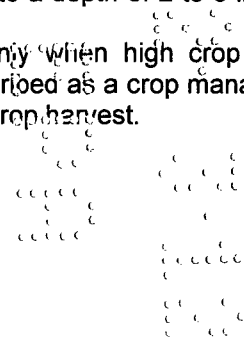
Additional State imposed requirements regarding well-head setbacks and operational area containment must be observed.

This pesticide is toxic to aquatic invertebrates. 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 treated areas. Runoff and drift from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters.

TILE-OUTLETTED FIELDS CONTAINING STANDPIPES

One of the following restrictions must be used in applying atrazine to tile-outletted fields containing standpipes:

- 1) Do not apply this product within 66 feet of standpipes in tile-outletted fields.
- 2) Apply this product to the entire tile-outletted field and immediately incorporate it to a depth of 2 to 3 inches in the entire tile-outletted field.
- 3) Apply this product to the entire tile-outletted field under a no-till practice only when high crop residue management practices are used. High crop residue management practice is described as a crop management practice where little or no crop residue is removed from the field during and after crop harvest.



DIRECTIONS FOR USE

RESTRICTED USE PESTICIDE

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

ANY USE OF THIS PRODUCT IN AN AREA WHERE USE IS PROHIBITED IS A VIOLATION OF FEDERAL LAW. Before using this product, you must consult the Atrazine Watershed Information Center (AWIC) and Simazine Watershed Information Center (SWIC) to determine whether the use of this product is prohibited in your watershed. AWIC can be accessed through www.atrazine-watershed.info or 1-866-365-3014 while SWIC through www.simazine-watershed.info or 1-888-365-2874.

If use of this product is prohibited in your watershed, you may return this product to your point of purchase or contact Drexel Chemical Company for a refund.

AERIAL APPLICATION IS PROHIBITED.

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. 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 regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, 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 (REI). The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

For Christmas trees, do not enter or allow worker entry into treated areas during the REI of 48 hours. For all other crops and use patterns, do not enter or allow worker entry into treated areas during the REI of 12 hours.

PPE required for early entry to treated areas that is permitted under the WPS and that involves contact with anything that has been treated, such as plants, soil, or water is: Coveralls, chemical-resistant gloves made of any waterproof material, and shoes plus socks.

USE INFORMATION

SIMAZAT 90DF is a herbicide that may be applied before weeds emerge or following removal of weed growth. It controls a wide variety of annual broadleaf and grass weeds when used at selective rates in agricultural and ornamental crops.

In each case where a range of rates is given, the lower rate should be used on light soils and soils low in organic matter, and the higher rates should be used on Heavy soils high in organic matter.

This product acts mainly through root absorption, its effectiveness depends on rainfall or irrigation to move it into the root zone. Should weeds develop, a shallow cultivation or rotary hoeing will generally result in better weed control.

This product is non-corrosive to equipment and non-flammable.

Care must be taken to avoid using this product where adjacent desirable trees, shrubs or plants might be injured.

This product will control grass and broadleaved weeds including the following:

Annual bluegrass	Henbit	Russian thistle
Annual morningglory	Jimsonweed	Smartweed
Carpetweed	Kochia	Shepherdspurse
Cheatgrass	Lambsquarters	Tansymustard
(Downy brome, Chess)	Mustards	Wild buckwheat
Cocklebur	Nightshade	Wild lettuce
Common chickweed	Pigweed	Wild mustard
Crabgrass	Purslane	Wild sunflower
Foxtail	Quackgrass	Velvetleaf
Fall panicum	Ragweed	

RESISTANCE MANAGEMENT

GROUP 5 HERBICIDES

SIMAZAT 90DF is a Group 5 herbicides. Any weed population may contain or develop plants naturally resistant to this product and other Group 5 herbicides. Weed species with acquired resistance to Group 5 may eventually dominate the weed population if Group 5 herbicides are used repeatedly in the same field or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by this product or other Group 5 herbicides.

To delay herbicide resistance, consider:

- Avoiding the consecutive use of this product or other target site of action Group 5 herbicides that have similar target site of action on the same insect/mite species.
- Using tank mixtures or premixes with herbicides from different target site of action Groups as long as the involved products are all registered for the same use and have different sites of action and are both effective at the tank mix or prepack rate on the weed(s) of concern.
- Basing herbicide use on a comprehensive IPM program.
- Monitoring treated weed populations for loss of field efficacy.
- Contacting your local extension specialist, certified crop advisors, and/or manufacturer for herbicide resistance management and/or integrated weed management recommendations for specific crops and resistant weed biotypes.

SPRAY DRIFT MANAGEMENT

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, relative humidity) and method of application (e.g., ground, chemigation) can influence pesticide drift. The applicator and grower must evaluate all factors and make appropriate adjustments when applying this product.

Wind Speed

Do not apply at wind speeds greater than 10 mph.

Droplet Size

Apply as a coarse or coarser spray (ASAE standard 572).

Release Height

For groundboom applications, apply with a nozzle height of no more than 4 feet above the ground or crop canopy.

APPLICATION PROCEDURES

Ground Application: For the most uniform distribution of broadcast applications, use 80° flat fan type nozzles. For band applications, use flat, even spray nozzles. Screens and strainers should be no finer than 50 mesh. Use a pump with capacity to: 1) provide sufficient hydraulic agitation during mixing and application to keep the material in suspension; and 2) maintain 35 to 40 psi operating pressure.

Use a minimum of 5 gallons of water per acre for pre-plant incorporated, pre-emergence, and post- (without oil or surfactant) applications. Use a minimum of 10 gallons of water per acre for all post-emergence applications combined with surfactant.

Where the amount of water is not specified, apply this product in 20 to 40 gallons of water per acre.

For band applications calculate the amount to be applied per acre as follows:

$$\frac{\text{Band width in inches}}{\text{Row width in inches}} \times \text{Rate Per Acre for broadcast treatment} = \text{Amount needed for band treatment}$$

THIS PRODUCT IN WATER OR LIQUID FERTILIZER APPLICATIONS

Nitrogen solutions or complete liquid fertilizers may replace all or part of the water as a carrier for pre-emergence and pre-plant applications of this product on Corn. Check the compatibility of this product with liquid fertilizer and/or nitrogen solution before use. Do not apply in nitrogen solution or complete liquid fertilizer after Corn emerges or crop injury may occur. Use 10 to 40 gallons of spray mixture per acre.

MIXING PROCEDURES (ALL USES)

1. Be sure sprayer is clean and not contaminated with any other materials or crop injury or sprayer clogging may result.
2. Fill tank one-fourth full with clean water, nitrogen solution, or complete liquid fertilizer.
3. Start agitation.

4. Be certain that the agitation system is working properly and creates a rippling or rolling action on the liquid surface.
5. Add this product directly into tank.
6. Continue filling tank until 90% full. Increase agitation, if necessary, to maintain surface action.
7. Add emulsifiable oil, oil concentrate, or tank mix herbicide(s) after this product is thoroughly suspended.
8. Finish filling tank.
9. Empty tank as completely as possible before refilling to prevent buildup of oil or emulsifiable concentrate residue. Maintain agitation to avoid separation of materials.
10. If an oil or emulsifiable concentrate film starts to build up in tank, drain it and clean with strong detergent solution or solvent.
11. Clean sprayer thoroughly immediately after use by flushing system with water containing a detergent.

CORN (FIELD, SWEET)

Maximum application rates for this product applied as a single preemergence application are as follows:

Soil Texture*	Maximum Application Rate per Acre of this Product
Not highly erodible or highly erodible soils if at least 30% of the soil is covered with plant residues	2.2 lbs.** (1 lb. atrazine a.i. + 1 lb. simazine a.i.)
Highly erodible soils if < 30% of the soil is covered with plant residues	1.77 lbs.*** (0.8 lb. atrazine a.i. + 0.8 lb. simazine a.i.)
*As defined by the Natural Resources Conservation Service **If a second treatment is required following an earlier herbicide application, the total atrazine and/or simazine applied may not exceed 2.5 lbs. a.i. per acre per calendar year. ***Only one application is allowed per acre per calendar year on highly erodible soils if < 30% of the soil is covered with plant residues.	

Pregrazing/Preharvest Interval:

1. Field corn – 60 days
2. Sweet corn – 45 days

This product may be applied either before planting, at-planting, or after planting as indicated below.

PRE-PLANT INCORPORATED (Broadleaf and Grass Control): Broadcast in the Spring after plowing at the rate indicated in the above table. Application may be made before, during or after final seedbed preparation. If soil is tilled or worked after application, avoid deep incorporation of this product. Best results have been obtained when this product is applied within two weeks prior to planting.

For Pre-plant or Pre-emergence Applications in West KS, Western NE, Eastern CO, Eastern WY, NM, West TX, and the Pan Handle of OK: On Sands, Loamy sands, Sandy loams, mild to strongly alkaline soils and all recently leveled soils, apply 1.77 pounds of this product per acre for broadleaf weed control. Broadleaf weeds such as Kochia, Lambsquarters, Nightshade, Pigweed, and Purslane will be controlled. On other soil types in the areas above, make applications at the rate shown in the above table for broadleaf and grass control.

PRE-EMERGENCE OR AT PLANTING (Broadleaf and Grass Control): Apply this product during or shortly after planting prior to weed emergence at the rate indicated in the above table.

APPLICATIONS FOR QUACKGRASS CONTROL ON LAND GOING INTO CORN PRODUCTION

Split Application: This split application is limited only to soils not highly erodible or highly erodible soils if at least 30% of the soil is covered with plant residues. Broadcast this product in the Spring at the rate of 1.35 pounds per acre and plow 1 to 3 weeks later. Follow with a second application using the rate of 1.35 pounds per acre in the Spring before, during, or after planting, but before weeds are 1.5 inches high. Do not exceed a total of 2.7 pounds of this product (2.5 lbs. atrazine and/or simazine) per calendar year. This split application will control both Quackgrass and most annual broadleaf and grass weeds.

If this split application is used, no additional applications of simazine or atrazine may be made in the same calendar year to the same acreage.

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Single Application: Broadcast this product in the Spring at the rate specified in the above table. Plow 1 to 3 weeks after application. Applications for Quackgrass suppression in Corn are restricted to a Spring application only.

WINTER ANNUAL BROADLEAF CONTROL - FALL PREMERGENCE APPLICATION

For Fall pre-emergence application to control of annual broadleaf and grass weeds, such as annual Bluegrass, Cheatgrass (Downy brome, Chess), Common chickweed, Henbit, Kochia, Pigweed, Russian thistle, Shepherdspurse, Tansymustard, Wild lettuce, Wild mustard, Wild sunflower, and others, broadcast this product at the rate up to 1.35 pounds per acre after harvest of the preceding crop and prior to weed emergence on land to be planted to Corn the following year. A tillage operation may precede the application. Do not apply to frozen ground.

If this product is used in the Fall Corn weed program, do not exceed 1.35 pounds product per acre preemergence in the Spring.

Use Precautions For Rotational Crops:

1. Land treated with this product should not be planted to any crop except Corn or Sorghum until the following year or injury may occur.
2. If this product is applied after June 10, do not rotate with crops other than Corn or Sorghum the next year or injury may occur.
3. In the High Plains and Intermountain area of the West where rainfall is sparse and erratic or where irrigation is required, use this product to control weeds in Corn only when Corn is to follow Corn or a crop of untreated Corn or Sorghum is to precede other rotational crops.
4. Injury may occur to Soybeans planted in North Central IA and South Central MN the year following an application of this product on Canisteo, Harps, Stroden or other soils having a calcareous surface layer.
5. Do not plant Sugar beets, Tobacco, Vegetables (including Dry beans), Spring-seeded small grains or Small-seeded legumes and grasses the year following application of this product or injury may occur.

TANK MIXTURES WITH THIS PRODUCT

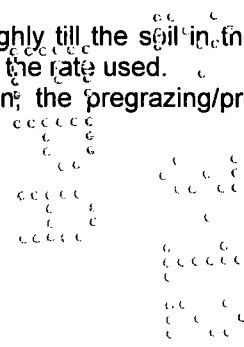
When tank mixing or sequentially applying atrazine and/or simazine or products containing atrazine and/or simazine, the total pounds of atrazine and/or simazine applied must not exceed the specific maximum rate per calendar year as noted in the use directions.

This Product Plus Paraquat Tank Mix for No-Till Corn: For control of existing vegetation and residual control where Corn will be planted directly into a cover crop, established sod, or in previous crop residues – Broadcast up to 2.2 pounds of this product (following the soil type restrictions in the above table) and the specified labeled rate of paraquat per acre in 20 to 60 gallons of water per acre. Add 8 ounces of non-ionic surfactant per 100 gallons of diluted spray. Add this product to spray tank first and thoroughly mix with water. Add the paraquat and surfactant last.

Refer to the paraquat label for further directions, limitations, and use precautions.

USE PRECAUTIONS AND RESTRICTIONS FOR ALL APPLICATIONS TO CORN

1. When tank-mixing or sequentially applying Atrazine and/or Simazine or products containing Atrazine and/or Simazine to Corn, the total pounds of Atrazine and/or Simazine applied must not exceed 2.5 pounds a.i. per acre per calendar year.
2. Following harvest of a treated crop, plow (moldboard or disk-plow) and thoroughly till the soil in the Fall or Spring to minimize possible injury to rotational spring-seeded crops, regardless of the rate used.
3. For Field corn, the pregrazing/preharvest interval is 60 days. For Sweet corn, the pregrazing/preharvest interval is 45 days.



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CHRISTMAS TREE PLANTATIONS: Douglas fir, Grand fir, Noble fir, White fir, and Scotch pine in the Pacific Northwest—West of Cascade only (Annual Broadleaf and Grass Weed Control)

Broadcast 2.2 pounds of this product (1 lb. atrazine a.i. + 1 lb. simazine a.i.) to 4.4 pounds of this product (2 lbs. atrazine a.i. + 2 lbs. simazine a.i.) in 20 to 40 gallons of water per acre to assure thorough coverage. For band applications, reduce rate of this product and volume of water in proportion to the acre treated. For example, when treating a 4 foot band over trees planted in rows 8 feet apart, apply 1.1 to 2.2 pounds per acre. Apply between Fall and early Spring while trees are dormant or soon after transplanting and before weeds are 1.5 inches high.

Quackgrass Control: Broadcast 4.4 pounds of this product (2 lbs. atrazine a.i. + 2 lbs. simazine a.i.) per acre in 20 to 40 gallons of water for adequate coverage. Apply in Fall or early Spring while trees are dormant and before weed seedlings are more than 1.5 inches high. This application will also control most annual broadleaf and grass weeds.

USE PRECAUTIONS AND RESTRICTIONS

1. Do not graze treated areas.
2. Do not apply to seedbeds.
3. Do not apply more than 4 pounds of Atrazine and/or Simazine (4.4 lbs. of this product) per acre per calendar year. Do not apply more than twice per calendar year.
4. When tank-mixing or sequentially applying atrazine and/or simazine or products containing atrazine and/or simazine, the total pounds of atrazine and/or simazine applied must not exceed the specific maximum rate per calendar year as noted in the use directions.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a cool, dry location. Avoid storage at high temperatures. Keep container tightly sealed. Avoid contamination with acids or alkalis. Do not stack more than 2 pallets high to prevent crushing. Keep containers away from any source of puncture. Store in original container only. Pesticides should be separated during storage to prevent cross contamination of other pesticides, fertilizer, food and feed. Storage area should preferably be locked to prevent admittance by unauthorized or unknowledgeable persons.

If the container is damaged and leaking or material has been spilled follow these procedures:

1. Cover spill with absorbent material.
2. Sweep into disposal container.
3. Wash area with detergent and water and follow with clean water rinse.
4. Do not allow to contaminate water supplies.
5. Dispose of according to instructions below:

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:

Nonrefillable Container (flexible-bag-all weights): Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment by shaking and tapping sides and bottom to loosen clinging particles. Offer for recycling, if available. Dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Nonrefillable Container (rigid-fifty lbs. or less): Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container one-fourth full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Nonrefillable Container (rigid-greater than fifty lbs.): Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container one-fourth full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

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Refillable Container: Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

WARRANTY-CONDITIONS OF SALE

OUR DIRECTIONS FOR USE of this product are based upon tests believed reliable. Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the Seller. To the extent consistent with applicable law, Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith. To the extent consistent with applicable law, in no case shall the Manufacturer or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product when such use and/or handling is not in strict accordance with directions given herewith. The foregoing is a condition of sale by the Seller and is accepted as such by the Buyer.

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