In: Barbara Brown  
Drexel Chemical Company  
P.O. Box 13327  
1700 Channel Ave.  
Memphis, TN 38113-0327

Jul 5 1995

Dear Ms. Brown:

Subject: Drexel Simazine Co.  
EPA Registration No. 19713-46  
Drexel Simazine 45  
EPA Registration No. 19713-66  
Drexel Simazine 30DF  
EPA Registration No. 19713-252  
Simazine 45 ancient  
EPA Registration No. 19713-271  
Simazine 45  
EPA Registration No. 19713-272

Applications dated November 23, 1994, requests  
To make registrations by deletion of uses on  
the following use-sites: Asparagus, Artichokes,  
Sorghum and non-cropland

The subject documents to delete the use-sites: Asparagus,  
Artichokes, Sorghum and non-cropland have been reviewed and  
processed under section 6(b) of the Federal Insecticide, Fungicide  
and Rodenticide Act as amended. A notice of receipt of these  
applications was published on March 22, 1995 and the 70 days  
allocated for requests for additional occurred June 27, 1995.  
There were no requests to withdraw any of these applications,  
therefore they are acceptable provided that you:

1. Delete the phrase "for terrestrial uses," in the  
environmental hazard section of the label of each  
on these products.
2. Delete the statement "when used at higher, nonselective  
c treating noncrop areas, it also controls many perennial  
perennial weeds and grasses." The use-site "non-cropland"  
has been deleted.
3. Submit one (1) printed copy of the final printed label  
before releasing the product for shipment.

If these conditions are not complied with, the registration  
will be subject to cancellation in accordance with EPA.

<table>
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<tr>
<th>SYMBOL</th>
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<tr>
<td>SURNAME</td>
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<td>DATE</td>
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EPA Form 1320-1 (12-78)  
BEST COPY AVAILABLE  
OFFICIAL FILE COPY
Section 4(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of each of these labels is enclosed for your records.

Sincerely yours,

Joanne L. Miller
Product Manager (23)
Pesticide-herbicide Branch
Registration Division (7505C)

Enclosures (3)

BEST COPY AVAILABLE
Preemergence control of many annual broadleaf weeds and grasses in agricultural and ornamental crops.

ACTIVE INGREDIENT:
Simazine: 2-chloro-4, 6-bis(ethylamino)-s-triazine 80%
INERT INGREDIENTS: 20%
TOTAL: 100%

KEEP OUT OF THE REACH OF CHILDREN

CAUTION

EPA REG. NO: 19713-271
EPA EST. NO: 19713-MS-1

STATEMENT OF PRACTICAL TREATMENT

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

IF SPLASHED IN EYES: Immediately flush eyes with plenty of water and get medical attention.

IF SPILLED ON SKIN: Wash skin with soap and plenty of water. If irritation develops, seek for physician.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMAN AND DOMESTIC ANIMALS

CAUTION: Causes eye and skin irritation. Do not get in eyes, on skin, or on clothing. Harmful if swallowed. Avoid inhalation of dust or contamination of food and feed.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:
- Long-sleeved shirt and long pants
- Shoes plus socks
- Waterproof gloves
- Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions are available, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

User 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.

ENVIRONMENTAL HAZARD

Simazine is a chemical which can travel (seep or leach) through soil and enter groundwater which may be used as drinking water. Simazine has been found in groundwater as a result of its use as a herbicide. Users of this product are advised not to apply simazine where the water table (groundwater) is close to the surface and where the soils are very permeable, i.e., well drained soils such as loam sands. Users are advised to consult with their local agricultural agencies to obtain information on the location of groundwater and the type of soil in their area. 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 contaminate water by cleaning of equipment or disposal of wastes. Do not apply when weather conditions favor drift from areas treated.

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 in a manner that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), 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 entry into 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, shoes plus socks, and waterproof gloves.

CHEMIGATION

Apply this product only through sprinkler (including center pivot, lateral move, end row, and wheel) roll, Traveler, big gun, solid set, or hand move irrigation systems.

Do not apply this product through any other type of irrigation system. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from nonuniform distribution of treated water. If you have questions about calibration, you should contact the State Extension Service specialists, equipment manufacturers, or other experts.

Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-required safety devices for public water systems are in place.

A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

Public water systems mean a system for the provision of the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.

Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, backflow preventer (RPZ) of the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the point of injection and the top or overflow from the reservoir tank at least twice the inside diameter of the pipe. The pesticide injection pipeline must contain a functional, automatically closed, solenoid operated valve located on the intake side of the injection pump and connected to the system interlock to prevent the flow of fluid back toward the injection pump. The pesticide injection pipeline must contain a functional, automatically closed, solenoid operated valve located on the intake side of the injection pump and connected to the system interlock to prevent the flow of fluid back toward the injection pump. The pesticide injection pump must contain a functional, automatically closed, solenoid operated valve located on the intake side of the injection pump and connected to the system interlock to prevent the flow of fluid back toward the injection pump.
Where a range of application rates is given, use the lower rate specified for the given species and conditions. Where pesticides are used in combination with other herbicides, use the lowest rate specified for the herbicide to be applied.

3. Application when drift may occur from windy conditions, when system is not on and adequate agitation is used to keep the spray uniform during application.

4. INFECTION. When the system must contain a functional interlocking control to automatically shut off the pesticide injection pump when the water pump motor stops. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the injection system is either automatically or manually shut down. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.

5. Application when drift may occur from the wind, when system is not on or when adequate agitation is used to keep the spray uniform during application.

Precautions:
1. Apply only through irrigation systems containing anti-siphon and check valves to prevent contamination of well water during shutdown and overflow of solution.
2. Inject at an angle of at least 45 degrees in the main line to ensure adequate mixing.
3. Chemical injection pumps and water pumps must have interlocking controls to insure simultaneous shut off.
4. Application on windy days may require additional windbreaks or other measures to prevent drift.
5. Where wind direction patterns do not overlap sufficiently, unacceptable weed control may result. Where wind direction patterns overlap excessively, crop injury may result.

SIMAZINE 80W alone, or in tank mixtures with other herbicides on this label which are registered for center pivot, complete irrigation water application. Apply either before or during fall or early winter. Weeds controlled by 1.25 lbs. per acre in the fall. Apply at rates recommended on this label. Prepare mixture with minimum of 1 part water to 1 part product. Injecting a larger volume of more dilute spray per hour will assure more accurate calibration of metering equipment. Maintain sufficient agitation to keep herbicide in suspension. Meter slurry into irrigation water during entire period. Apply in 10 to 15 inch slurry. Use the lower water volume on coarser textured soils. The higher volume on finer textured soils. More than 1 inch at water application shall not be used.

Precautions:
1. Do not apply SIMAZINE 80W alone or in tank mixtures with other herbicides on this label which are registered for center pivot, complete irrigation water application. Apply either before or during fall or early winter. Weeds controlled by 1.25 lbs. per acre in the fall. Apply at rates recommended on this label. Prepare mixture with minimum of 1 part water to 1 part product. Injecting a larger volume of more dilute spray per hour will assure more accurate calibration of metering equipment. Maintain sufficient agitation to keep herbicide in suspension. Meter slurry into irrigation water during entire period. Apply in 10 to 15 inch slurry. Use the lower water volume on coarser textured soils. The higher volume on finer textured soils. More than 1 inch at water application shall not be used.

FRUIT AND NUT CROPS

Apply the spray to the orchard or vineyard floor avoiding contact with fruit, foliage, or stems. Make application only to orchards or groves where trees have been established for 1 year or more. One application per year. Use only on noncrop areas. It also controls weeds listed in the following table. Recommended rates are based on broadcast treatment. For band applications or spot applications around trees in fruit or nut plantings, reduce the broadcast rate of Simazine 80W and water per acre in proportion to the area actually sprayed.

Precautions:
1. Do not apply to sandy soils.
2. Apply at least 2 lbs. per acre in the spring. Apply a split application of 2 lbs. per acre in the spring plus 1 lbs. per acre in the fall. Apply in a minimum of 40 gals. of water per acre. Do not apply if at least 6 months old use 1/2 the above rate. Do not apply when fruit is present.
3. Apply at least 2 lbs. per acre in the spring. Apply a split application of 2 lbs. per acre in the spring plus 1 lbs. per acre in the fall. Apply in a minimum of 40 gals. of water per acre. Do not apply if at least 6 months old use 1/2 the above rate. Do not apply when fruit is present.
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6. Apply at least 2 lbs. per acre in the spring. Apply a split application of 2 lbs. per acre in the spring plus 1 lbs. per acre in the fall. Apply in a minimum of 40 gals. of water per acre. Do not apply if at least 6 months old use 1/2 the above rate. Do not apply when fruit is present.

SIMAZINE 80W Page 2 of 4
harvest and just prior to weed emergence. Repeat application as necessary. Do not apply when nuts are on the ground during fall. OLIVES: Apply 2% to 5 lbs. per acre following gro. Compaction in the fall. Repeat annually in midwinter.

PEACHES, PLUMS, SWEET CHERRIES: Apply 2 to 5 lbs. per acre. Apply late fall to early spring prior to weed emergence.

PECANS: Apply the appropriate rate in the column below, weeds and grasses listed under General Information. This combination is also effective for top kill and suppression of perennial weeds. Apply the rates shown in the following table as a tank mix in 50 to 200 gal. of water per acre to the orchard floor avoiding contact with fruit, foliage or stems. Add a nonionic surfactant at the rate of 1/4 per 100 gal. Apply when the weeds and grasses are succulent and the new growth has from 1 to 6 inches tall. Make only one application per year. Make applications only in orchards or groves where trees have been established one year or more. Dormant spray under windy conditions and use a shield for young trees. Do not allow animals to graze treated areas. Since simazine enters weeds mainly through their roots, rainfall or irrigation is needed to move it into the root zone.

SIMAZINE 80W HERBICIDE PLUS PARAQUAT CL TANK MIX COMBINATION

<table>
<thead>
<tr>
<th>Crop</th>
<th>Simazine 80W</th>
<th>Paraquat CL</th>
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<tbody>
<tr>
<td>Apples</td>
<td>2% to 5 lbs.</td>
<td>1 to 2 qts.</td>
</tr>
<tr>
<td>Pears</td>
<td>2% to 5 lbs.</td>
<td>1 to 2 qts.</td>
</tr>
<tr>
<td>Peaches**</td>
<td>2 to 5 lbs.</td>
<td>1 to 2 qts.</td>
</tr>
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</table>

In the table above, use the low rate on coarse textured soil and low organic matter soil. Use the high rate on fine textured soil and high organic matter soil.

**For band applications or spot applications around trees, reduce the broadcast rate and the amount of water in proportion to the areas actually sprayed.

**Do not apply on peaches on sandy or gravelly soils. Use on peaches only in AK, LA, MO, OK, TX, and states east of the Mississippi River.

FIELD AND FORAGE CROPS

CORN: Nitrogen solutions or complete liquid fertilizers may replace all or part of the waters as a carrier for Simazine 80W. Do not apply after corn has emerged as there is a danger of liquid fertilizers causing crop injury. Use preemergence: Apply before weeds and corn emerge. Use the appropriate rate in the table below.

Preplant: Apply in the spring after plowing at the appropriate rate in the table below. Apply before, during or after final seedbed preparation. If soil is tilled or worked at application, avoid deep incorporation of Simazine 80W. Best results will be obtained when Simazine 80W is applied within 2 weeks before planting.

Note: Under dry weather conditions, preplant applications may give better weed control than preemergence.

<table>
<thead>
<tr>
<th>Soil Texture</th>
<th>Broadcast Rate Per Acre</th>
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<tr>
<td>COARSE-TEXTURED SOIL</td>
<td>2 1/2 lbs.</td>
</tr>
<tr>
<td>Sand, sil, and loam</td>
<td>low in organic matter</td>
</tr>
<tr>
<td>MEDIUM-TEXTURED SOIL</td>
<td>3 lbs.</td>
</tr>
<tr>
<td>Soil containing a moderate amount of clay and organic matter</td>
<td></td>
</tr>
<tr>
<td>FINE-TEXTURED SOIL</td>
<td>3 1/2 lbs.</td>
</tr>
<tr>
<td>Loam that is high in organic matter and clay (including dark prairie soils of Corn Belt)</td>
<td></td>
</tr>
<tr>
<td>ORGANIC SOIL</td>
<td>5 lbs.</td>
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*For calculation of band treatment rate, see Instruction Section.

QUACKGRASS CONTROL: Apply 3% to 1% lbs per acre in the fall. Plow two to three weeks later, or if erosion is a problem, delay plowing until spring. Do not plant any crop except corn in the following treatment. Do not graze treated area.

CAUTION:

1. Do not apply within 30 days of cutting or lifting.
2. Do not use south of North Carolina.

TURFGRASS FOR FAIRWAYS, LAWNS AND PRODUCTION AND SIMILAR AREAS

*In states other than Florida

BERMUDAGRASS, CENTEPIDEGRASS, ST. AUGUSTINE-GRASS, AND ZOYSIA-GRASS: Apply after October 1st to stimulate growth of some annual weeds for control of bluegrass, burdocks, carpet bermudagrass, chickweed, corn speedwell, hop clover, and spurred clover. Simazine 80W is not recommended for bluegrass even if it is seeded at the time of treatment. For control of annual weeds listed in the General Information portion of this label, also apply simazine 80W in late winter before weeds emerge. Apply in a minimum of 15 gals. of water per acre or 1 gallon per 1,000 sq. ft.
Where annual bluegrass is the major weed, use 1.25 lbs. per acre (0.5 oz. per 1,000 sq. ft.) Use 2.5 lbs. per acre (1 oz. per 1,000 sq. ft.) for control of other weeds named above. Do not exceed 1.25 lbs. per acre] application on newly sprigged turfgrass or on hybrid Bermudagrass such as Tifeway, Tifway, and Ormond. For continued summer annual weed control, apply another 1.25 lbs. per acre at least 30 days after the previous application, but not after April 15. Do not make more than two applications per year.

Note: On newly sprigged turfgrass and hybrid bermudagrass, temporary slowing of growth and yellowing may occur following application. Use only on turfgrass reasonably free of infestation of insects, nematodes, and diseases. Do not use on golf greens. Do not use north of North Carolina (except may be used in Virginia Coastal Plains) west of the high rainfall areas of eastern Oklahoma and eastern Texas. Do not use on muck or saline soils. Do not apply over the rooting area of trees or ornamentals not listed on this label. Do not overseed with desirable turfgrass within 4 months before or 6 months after treatment. Do not apply to newly seeded bermudagrass until it has overwintered and has a well-developed rhizome system. Do not exceed 2.4 lbs. product per acre within 12 months of seeding bermudagrass.

STORAGE AND DISPOSAL

Storage should be under lock and key and secure from access by unauthorized persons and children. Storage should be in a cool dry area away from any heat or ignition source. Avoid storage at high temperatures. Do not stack over 2 pallets high. Move bags carefully so as not to tear or puncture. Do not allow material to become wet or store in a damp, humid area. Keep away from any puncture source. Avoid storage near water supplies, food, feed and fertilizer. Avoid contamination. Store in original container only. If the contents are leaking or material is spilled follow these steps:

1. Collect and place in suitable containers for disposal.
2. Wash area with water and soap to remove remaining pesticide.
3. Follow washing with clean water rinse.
4. Do not allow run off to enter sewer or contaminate water supplies.
5. Dispose of waste as indicated below.

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

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

WARRANTY—CONDITION OF SALE

OUR RECOMMENDATIONS FOR USE of this product are based upon test 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. Buyer assumes all risks of use, storage, and handling of this material not in strict accordance with directions given herewith. In no case shall 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.