


1123 34704-685

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Please read Instructions on reverse before completing form.

Form Approved OMB No. 2070-0060. Approval expires 11-30-93

(A) 	United States Environmental Protection Agency Office of Pesticide Programs (H7505C) Washington, DC 20460	<input type="checkbox"/> Registration	OPP Identifier Number 193775
		<input type="checkbox"/> Amendment	
		<input checked="" type="checkbox"/> Other	
Application for Pesticide:			

Section I

1. Company/Product Number 34704-685	2. EPA Product Manager J. Miller	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Simazine 80W Herbicide	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) Platte Chemical Co. 150 S. Main St., Fremont, NE 68025-5697 SEND CORRESPONDENCE TO: P.O. Box 667, Greeley, CO 80632-0667 <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.)

Amend Environmental Hazards statement (wetlands) to comply with PR Notice 93-3.
Make minor addition to warranty notice.

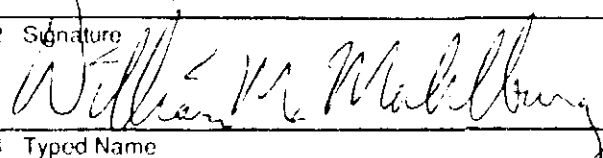
Section III

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
				<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
				<input type="checkbox"/> Other (Specify) _____	
* Certification must be submitted.					
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container	4. Size(s) of 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 William M. Mahlburg	Title Registration Manager Herbicides & Speciality Products	Telephone No. (Include Area Code) 303/356-4400

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)
2. Signature 	3. Title Registration Manager Herbicides & Speciality Products	
4. Typed Name William M. Mahlburg	5. Date 12/6/95	



SIMAZINE 80W HERBICIDE

ACTIVE INGREDIENT:

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

KEEP OUT OF REACH OF CHILDREN CAUTION

SEE BELOW FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA REG. NO. 34704-685

EPA EST. NO. _____

NET WEIGHT _____ LBS. (_____ KG)

3380

06P93

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Wash thoroughly after handling.
Avoid contact with skin, eyes or clothing. Avoid breathing spray mist.

ENVIRONMENTAL HAZARDS

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

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.

STATEMENT OF PRACTICAL TREATMENT

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

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

IF IN EYES: Flush with water for 15 minutes. Get medical attention.

DIRECTIONS FOR USE

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

REENTRY STATEMENT

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

Appropriate protective clothing should consist of HAT, LONG-SLEEVE SHIRT, LONG PANTS AND BOOTS.

Do not enter treated area without protective clothing until dusts have settled or sprays have dried.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Oral

warnings must be given if there is a reason to believe that written warnings cannot be understood by workers. When oral warnings are given, warnings shall be given in a language customarily understood by workers.

Written or oral warnings must include the following information:

CAUTION

(insert area or field description) treated with Simazine on (insert date of application.)

Do not enter treated area until sprays have dried.

Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

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. Such conditions include, but are not limited to, positioning of the container in storage, storage temperature, potential for crushing or damage due to stacking, and penetration of moisture.

STORAGE: Store in a safe manner. Store in original container only. Store in cool, dry place. Reduce stacking height where local conditions, such as humidity or pallet overhang can affect package strength.

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

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

GENERAL INFORMATION

SIMAZINE 80W is a herbicide that should 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 crops and ornamental plantings. When used at higher, non-selective rates in non-crop areas, it also controls many perennial broadleaf and grass weeds.

Since SIMAZINE 80W enters weeds mainly through their roots, rainfall or irrigation is needed to move it into the rootzone. Very dry soil conditions and lack of rainfall following application may necessitate shallow cultivation.

SIMAZINE 80W controls most annual broadleaf and grass weeds such as:

Amaranth	Flora's Paintbrush	Rattail Fescue
Annual Bluegrass	Florida Pusley	Russian Thistle
Annual Morningglory	Foxtails	Shepherdspurs
Annual Ryegrass	Goosegrass	Shieldscrees
Barnyardgrass	Junglerice	Silver Hairgrass
(Watergrass)	Lambsquarters	Smartweed
Brachiaria spp.	Mustard	Spanish Needles
Carelessweed	Nightshade	Yellow Mustard
Carpetweed	Pigweed	Wild Oats
Common Chickweed	Prickly Lettuce	Wiregrass
Crabgrass	Purslane	Witchgrass
(Digitaria spp.)	Ragweed	
Downy Brome (Cheat)		
Fireweed		

SIMAZINE 80W is non-corrosive to equipment, non-flammable, and has low electrical conductivity.

Store SIMAZINE 80W in a dry place.

SIMAZINE 80W is a wettable powder formulation to be mixed with water.

New
Sentence



SIMAZINE 80W HERBICIDE

EPA REG. NO. 34704-685

and applied as a spray. Make a slurry by adding SIMAZINE 80W to a small quantity of water. Pour the slurry into the spray tank during or after filling. Sufficient hydraulic (jet) or mechanical agitation should be provided during mixing and application to keep the material in suspension.

EQUIPMENT

GROUND APPLICATION: Use conventional spray equipment with 80° fan-type nozzle. Screens in nozzles as well as those in suction and inline strainers, should be no finer than 50 mesh.

Use hydraulic or mechanical agitation during mixing and application to maintain a uniform suspension.

Use a pump with capacity to maintain 35-40 psi at the nozzles. If hydraulic agitation is used, the pump should also provide sufficient agitation in the tank to keep the mixture in suspension.

Wash sprayer thoroughly with clean water immediately after use.

AERIAL APPLICATION: Use aerial application only where specified in the use directions. Screens in nozzles as well as those in suction and inline strainers should be no finer than 50-mesh.

Avoid application under conditions where uniform coverage cannot be obtained or where excessive spray drift may occur.

Avoid application directly to animals or humans. Flagmen and loaders should wash thoroughly before eating and at the end of each day's operation.

Wash sprayer thoroughly with clean water immediately after use.

CHEMIGATION: See Corn section

MIXING INSTRUCTIONS

Make a slurry by adding SIMAZINE 80W to a small amount of water in a separate container. Then pour the slurry into the spray tank partially filled with clean water, and add the rest of the water.

For ground application where the amount of water is not specified, apply SIMAZINE 80W in 20-40 gals. of water per acre.

For aerial application, use a minimum of one gal. of water for each 1-1 1/2 lbs. of wettable powder applied per acre, unless specified differently.

BAND TREATMENT

The amount of SIMAZINE 80W needed for band treatment may be calculated by the formula:

$\frac{\text{band width in inches}}{\text{row width in inches}} \times$	broadcast rate	$=$	amount
	per acre		needed
			per acre

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 one year or more. Make only one application per year, except as noted otherwise. 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.

APPLES, PEARS, SOUR CHERRIES

Apply 2 1/2-5 lbs. per acre.

AVOCADOS

California only: Apply 2 1/2-5 lbs. per acre after final preparation of grove.
PRECAUTION: Do not apply to sandy soil.

BLUEBERRIES AND CANEBERRIES (blackberries, boysenberries, loganberries, raspberries)

Apply 2 1/2-5 lbs. per acre in the spring or apply a split application of 2 1/2 lbs. per acre in the spring plus 2 1/2 lbs. per acre in the fall. Apply in a minimum of 40 gals. of water per acre.

On plantings less than 6 months old use 1/2 the above rate.

To control quackgrass, apply 5 lbs. per acre in the fall or split the application applying 2 1/2 lbs. per acre in the fall plus 2 1/2 lbs. per acre in the spring, when quackgrass is actively growing.

NOTE: Do not apply when fruit is present.

FILBERTS (Oregon and Washington only)

Apply 2 1/2-5 lbs. per acre in the fall or apply a split application of 2 1/2 lbs. per acre in the fall plus 2 1/2 lbs. per acre in the spring.

PRECAUTIONS: 1) If trees are planted on a hillside, excessive soil erosion may result from the elimination of weeds. 2) Do not use on sandy soil.

NOTE: Do not apply when nuts are on the ground during the harvest period.

GRAPES

Apply 2 1/2-5 lbs. per acre any time between harvest and early spring.

PRECAUTION: Do not use in vineyards established less than three years

GRAPEFRUIT, LEMONS, ORANGES

Arizona (Lemons and Oranges only): Apply a split application of 2 lbs. per acre in the spring plus 2 lbs. per acre in the fall.

California: Apply 2 1/2-5 lbs. per acre. Do not use in the Imperial, Coachella, or Palo Verde Valleys.

Florida (Grapefruit and Oranges only): Apply 8-12 lbs. per acre in the spring.

Texas (Grapefruit and Oranges only): Apply 5-6 lbs. per acre.

PRECAUTIONS: (All areas): 1) Do not use in nurseries. 2) Do not apply to bedded grapefruit, lemons or oranges. 3) To avoid possible injury do not apply to trees under stress from freeze damage for one year after the freeze.

MACADAMIA NUTS

Apply 2 1/2-5 lbs. in 50 gals. of water per acre before harvest and just prior to weed emergence. Repeat application as necessary. Do not apply when nuts are on the ground during the harvest period.

OLIVES

Apply 2 1/2-5 lbs. per acre following grove preparation in the fall. Repeat annually in midwinter.

PEACHES, PLUMS, SWEET CHERRIES

Apply 2-5 lbs. per acre. Apply in late fall to early spring prior to weed emergence.

PRECAUTIONS: 1) Do not apply to sandy or gravelly soil. 2) Peaches: use only in LA., MO., and the states east of the Miss. River except TN. 3) Plums and sweet cherries: use only in MO. and states east of the Miss. River except TN.

WALNUTS

Apply 2 1/2-5 lbs. per acre.

PRECAUTIONS: 1) Do not apply to sandy soil. 2) Leveling and furrowing operations after application will lessen effectiveness of weed control.

NOTE: Do not apply when nuts are on the ground.

FIELD CROPS

CORN

Nitrogen solutions or complete liquid fertilizers may replace all or part of the water as a carrier for SIMAZINE 80W. Do not apply after corn has emerged as there is danger of liquid fertilizers causing crop injury.

Pre-emergence: Apply before weeds and corn emerge. Use the appropriate rate in the table below.

Pre-plant: 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 after 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.

Soil Texture	Broadcast* rate per acre
Coarse-textured soil: Sand, silt, and loam that is low in organic matter	2 1/2 lbs.
Medium-textured soil: Soil containing a moderate amount of clay and organic matter	3 lbs.
Fine-textured soil: Loam that is high in organic matter and clay (including dark prairie soils of Corn Belt)	3 3/4 lbs.
Organic soil: Peat, muck, and high-organic clay	5 lbs.

*For calculation of band treatment rate, see the General information section.

To control quackgrass: Apply 3 3/4-5 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 spring following treatment. Do not graze treated area.

NOTE: If weeds develop, particularly under relatively dry conditions, a shallow cultivation will generally result in better weed control.

PRECAUTIONS: 1) Do not apply more than 5 lbs. of SIMAZINE 80W to corn in any one year. 2) Land treated with SIMAZINE 80W should not be planted to any crop except corn until the following year as injury may occur. 3) After harvest of a treated crop, plow and thoroughly till the soil in fall or spring to minimize possible injury to spring-seeded rotational crops, regardless of the rate used. 4) If more than 3 3/4 lbs. of SIMAZINE 80W is used per acre (or equivalent rate in a band), a crop of untreated corn should precede the next rotational crop. 5) Do not apply SIMAZINE 80W preplant incorporated in corn in the High Plains and intermountain areas of the West (including central and western Kansas, western Nebraska, western Oklahoma, and the Panhandle of Texas) where rainfall is sparse and erratic or where irrigation is required. 6) In the High Plains and intermountain areas of the West where rainfall is sparse and erratic or where irrigation is required, use SIMAZINE 80W to control weeds in

SIMAZINE 80W HERBICIDE

EPA REG. NO. 34704-685

corn only when corn is to follow corn, or a crop of untreated corn is to precede another rotational crop. 7) In western Minnesota and eastern parts of the Dakotas, Nebraska, and Kansas, do not plant soybeans following corn treated with SIMAZINE 80W if more than 2 1/2 lbs. of SIMAZINE 80W per acre (or equivalent rate in a band) was applied as injury may occur. 8) Do not plant sugar beets, tobacco, vegetables (including dry beans), spring-seeded small grains, or small-seeded legumes and grasses the year after SIMAZINE 80W application as injury may occur.

CORN—CHEMIGATION

APPLY PREPLANT OR PREEMERGENT TO CROP AND WEEDS

Do not apply this product preplant incorporated in the High Plains and intermountain areas of the West (including central and western Kansas, western Nebraska, western Oklahoma, and the Panhandle of Texas) where rainfall is sparse and erratic or where irrigation is required. In the High Plains and the intermountain areas 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 is to precede another rotational crop.

Apply this product only through sprinkler, including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, or hand move irrigation system(s). 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 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-prescribed 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.

CHEMIGATION SYSTEMS CONNECTED TO PUBLIC WATER SYSTEMS

Note: Platte Chemical Co. does not encourage connecting chemigation systems to public water supplies. The following information is provided for users who have diligently considered all other application and water supply options before electing to make such a connection.

Public water system means a system for the provision to 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) or 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 outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.

The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

The pesticide injection pipeline must 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 irrigation 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, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.

Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Do not apply when wind speed favors drift beyond the area intended for treatment.

SPRINKLER CHEMIGATION

The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.

The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

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 irrigation 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.

The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Do not apply when wind speed favors drift beyond the area intended for treatment.

Mix in clean supply tank the recommended amount of this product for acreage to be covered, and needed quantity of water.

This product should not be tank-mixed with other pesticides, surfactants or fertilizers unless prior use has shown the combination noninjurious under your conditions of use.

Follow precautionary statements and directions for all tank-mix products. Provide constant mechanical agitation in supply tank to keep this product suspended throughout application operations.

Use sufficient gallonage of water to obtain thorough and uniform coverage, but not cause runoff or excessive leaching. This will vary depending on equipment, pest problem and stage of crop growth. Application of more or less than optimal quantity of water may result in decreased chemical performance, crop injury or illegal pesticide residues. As a guide, 1/2 to 1 acre inch of water is suggested.

Meter this product into the irrigation water uniformly during the period of operation.

Do not overlap application. Follow recommended label rates, application timing, and other directions and precautions for corn.

SUGARCANE

Apply 2 1/2-5 lbs. per acre at planting or after harvest if ratoon crop is to be grown, but before weeds or sugarcane emerge. SIMAZINE 80W may also be applied interline-directed or over the sugarcane to provide continuing control of germinating weeds.

PRECAUTIONS: 1) Do not apply more than one 2 1/2-5 lb. application over the plants or more than two interline directed applications. 2) Do not apply after "close-in." 3) Total application should not exceed 12 1/2 lbs. per acre crop cycle.

NOTE: Do not feed or graze treated forage to livestock.

NURSERIES, CHRISTMAS TREE PLANTINGS, SHELTER BELTS

NURSERIES (see list below)

Apply 2 1/2-3 1/4 lbs. in at least 25 gals. water per acre in fall or spring at least one year after transplanting.

CHRISTMAS TREE PLANTING AND SHELTER BELTS (see list below)

Remove weed growth before application. Apply 2 1/2-5 lbs. in at least 25 gals. of water per acre after transplanting. Use the same rate for annual maintenance applications.

For quackgrass control apply 5 lbs. per acre in the fall or apply a split application of 2 1/2 lbs. per acre in the fall plus 2 1/2 lbs. per acre in early spring, after quackgrass begins growth.

PRECAUTIONS: 1) Do not use SIMAZINE 80W on seedbeds or cutting beds. 2) Do not apply to Christmas tree or shelter belt transplants less than three years of age. 3) Do not apply more than once a year, except as directed for quackgrass control.

Apply SIMAZINE 80W to these species of trees and shrubs, as recommended above:

American elm	Douglas fir	Oregon grape
Austrian pine	red spruce	(Mahonia spp.)
arborvitae	Russian olive	red cedar
balsam fir	Scotch pine	red oak
barberry	Siberian elm	red pine
blue spruce	Fraser fir	(Norway pine)
boxelder	hemlock	white cedar
bush honeysuckle	honey locust	white pine
caragana	juniper	white spruce
colt's clover	Mugho pine	yew (Taxus spp.)
dogwood	Norway spruce	

TURF GRASSES FOR SOD

St. Augustine, Centipede, and Zoysia Grass

Apply 2 1/2-5 lbs. per acre, according to soil texture as indicated below

Muck or Peat	5 lbs.	Old beds: within 2 days after lifting of sod New beds: 3-4 days after springing or plugging
Sandy soil	2 1/2 lbs.	Old beds: within 2 days after lifting of sod New beds: 7-10 days after springing or plugging

5 of 11

SIMAZINE 80W HERBICIDE

EPA REG. NO. 34704-685

Apply an additional 2 1/2 lbs. on muck or peat, or 1 1/4 lbs. on sandy soil if weed growth recurs.

PRECAUTIONS: 1) Do not apply within 30 days before cutting or lifting. 2) Do not use north of North Carolina.

VEGETABLE CROPS

ASPARAGUS (Established)

Apply 2 1/2 lbs. per acre to beds established one year or more. Apply once per year either after disking in the spring before weeds emerge, or following harvest after removal of existing weed growth. Spring application must be made at least 3 days before first cutting.

PRECAUTIONS: (Washington and Oregon only): 1) Do not use on sand, loamy sand, or gravelly areas of fields as crop injury may result. 2) Do not allow irrigation water to stand or to form pools in the field as injury may occur.

ARTICHOKES

Apply 2 1/2-5 lbs. per acre as a directed spray after the last fall tillage.

PRECAUTIONS: 1) Do not apply to sandy soil. 2) Apply only once per year.

NONSELECTIVE WEED CONTROL ON NONCROP LAND

Best results are obtained when SIMAZINE 80W is applied before weeds emerge. If weed growth has begun and removal is not feasible, include a contact or translocated herbicide in the spray.

SIMAZINE 80W can be used to provide long-term weed control on industrial sites, highway medians and shoulders, railroad rights-of-way, lumber yards, petroleum tank farms, and in noncrop areas on farms, such as around buildings, equipment and fuel storage areas, along fences, roadsides, and lanes. Aerial applications may be made where it is feasible.

Use at least 1 gal. of water for each 1 lb. of SIMAZINE 80W; use more water if practical for both ground and aerial applications.

To control annual broadleaf and grass weeds (including barnyardgrass, cheat, crabgrass, lambquarters, foxtail, ragweed, puncturevine, and turkey mullein) apply 6-12 1/2 lbs. per acre.

To control most annual and many perennial broadleaf and grass weeds (including quackgrass, bluegrass, redtop, burdock, Canada thistle, orchardgrass, purpletop, smooth brome, dogfennel, and plantain) apply 12 1/2-25 lbs. per acre.

To control hard-to-kill perennial weeds (including bullthistle and sowthistle) apply 25-50 lbs. per acre.

For longer residual control in regions of high rainfall and a long growing season, apply 25-50 lbs. per acre.

NOTICE

PLATTE WARRANTS THAT THIS PRODUCT CONFORMS TO THE CHEMICAL DESCRIPTION ON THE LABEL THEREOF AND IS REASONABLY FIT FOR THE PURPOSES STATED ON SUCH LABEL ONLY WHEN USED IN ACCORDANCE WITH THE DIRECTIONS UNDER NORMAL USE CONDITIONS. IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS INHERENTLY ASSOCIATED WITH THE USE OF THIS PRODUCT. CROP INJURY, INEFFECTIVENESS, OR OTHER UNINTENDED CONSEQUENCES MAY RESULT BECAUSE OF SUCH FACTORS AS WEATHER CONDITIONS, PRESENCE OF OTHER MATERIALS, OR THE MANNER OF USE OR APPLICATION, ALL OF WHICH ARE BEYOND THE CONTROL OF PLATTE. IN NO CASE SHALL PLATTE BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER.

EXCEPT AS EXPRESSLY PROVIDED HEREIN, PLATTE MAKES NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND, EITHER EXPRESSED OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE, BUYER'S OR USER'S EXCLUSIVE REMEDY, AND PLATTE'S TOTAL LIABILITY SHALL BE FOR DAMAGES NOT EXCEEDING THE COST OF THE PRODUCT.

New
Text
Underlined

FORMULATED FOR

PLATTE CHEMICAL CO.

150 SO. MAIN STREET

FREMONT, NEBRASKA 68025-5697

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 11-30-93

(A) 	United States Environmental Protection Agency Office of Pesticide Programs (H7505C) Washington, DC 20460 Application for Pesticide:	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number <div style="font-size: 24pt; font-weight: bold;">193777</div>
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Section I

1. Company/Product Number <div>34704-685</div>	2. EPA Product Manager <div>J. Miller</div>	3. Proposed Classification <div> <input type="checkbox"/> None <input type="checkbox"/> Restricted </div>
4. Company/Product (Name) <div>Simazine 80W Herbicide</div>	PM# <div>23</div>	
5. Name and Address of Applicant (Include ZIP Code) Platte Chemical Co. 150 S. Main St., Fremont, NE 68025-5697 SEND CORRESPONDENCE TO: P.O. Box 667, Greeley, CO 80632-0667 <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

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

NOTIFICATION: Amendment to meet WPS requirements; additional certification statements are attached.

Section III

1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes," Unit Package wgt. No. per container	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes," Package wgt. No. per container	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted.			
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container	4. Size(s) of 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"/> Other (_____) <input type="checkbox"/> Stenciled			

Section IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name <div>William M. Mahlburg</div>	Title <div>Registration Manager Herbicides & Speciality Products</div>	Telephone No. (Include Area Code) <div>970 343-356-4400</div>	
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)
2. Signature 	3. Title <div>Registration Manager Herbicides & Speciality Products</div>		<div style="text-align: center;"> </div>
4. Typed Name <div>William M. Mahlburg</div>	5. Date <div>12/7/95</div>		



SIMAZINE 80W HERBICIDE

ACTIVE INGREDIENT:

Simazine (2-Chloro-4, 6-bis
(ethylamino)-s-triazine) 80%

INERT INGREDIENTS: 20%

TOTAL 100%

KEEP OUT OF REACH OF CHILDREN CAUTION

SEE BELOW FOR ADDITIONAL PRECAUTIONARY
STATEMENTS

EPA REG. NO. 34704-685

EPA EST. NO. _____

NET WEIGHT _____ LBS. (_____ KG)

3386

06P93

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Wash thoroughly after handling.

Avoid contact with skin, eyes or clothing. Avoid breathing spray mist.

ENVIRONMENTAL HAZARDS

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

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.

STATEMENT OF PRACTICAL TREATMENT

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

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

IF IN EYES: Flush with water for 15 minutes. Get medical attention.

DIRECTIONS FOR USE

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

REENTRY STATEMENT

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

Appropriate protective clothing should consist of HAT, LONG-SLEEVE SHIRT, LONG PANTS AND BOOTS.

Do not enter treated area without protective clothing until dusts have settled or sprays have dried.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Oral

warnings must be given if there is a reason to believe that written warnings cannot be understood by workers. When oral warnings are given, warnings shall be given in a language customarily understood by workers.

Written or oral warnings must include the following information:

CAUTION

(insert area or field description) treated with Simazine on (insert date of application).

Do not enter treated area until sprays have dried.

Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

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. Such conditions include, but are not limited to, positioning of the container in storage, storage temperature, potential for crushing or damage due to stacking, and penetration of moisture.

STORAGE: Store in a safe manner. Store in original container only. Store in cool, dry place. Reduce stacking height where local conditions, such as humidity or pallet overhang can affect package strength.

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

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

GENERAL INFORMATION

SIMAZINE 80W is a herbicide that should 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 crops and ornamental plantings. When used at higher, non-selective rates in non-crop areas, it also controls many perennial broadleaf and grass weeds.

Since SIMAZINE 80W enters weeds mainly through their roots, rainfall or irrigation is needed to move it into the rootzone. Very dry soil conditions and lack of rainfall following application may necessitate shallow cultivation.

SIMAZINE 80W controls most annual broadleaf and grass weeds such as:

Amaranthus	Flora's Paintbrush	Rattail Fescue
Annual Bluegrass	Florida Pusley	Russian Thistle
Annual Morningglory	Foxtails	Shepherdspurse
Annual Ryegrass	Goosegrass	Shieldscrew
Barnyardgrass	Junglerice	Silver Hairgrass
(Watergrass)	Lambsquarters	Smartweed
Brachiaria spp	Mustard	Spanish Needles
Carelessweed	Nightshade	Tansymustard
Carpetweed	Pigweed	Wild Oats
Common Chickweed	Prickly Lettuce	Wiregrass
Crabgrass	Purslane	Witchgrass
(Digitaria spp)	Ragweed	
Downey Brome (Cheat)		
Fireweed		

SIMAZINE 80W is non-corrosive to equipment, non-flammable, and has low electrical conductivity.

Store SIMAZINE 80W in a dry place.

SIMAZINE 80W is a wettable powder formulation to be mixed with water.

SIMAZINE 80W HERBICIDE

EPA REG. NO. 34704-685

and applied as a spray. Make a slurry by adding SIMAZINE 80W to a small quantity of water. Pour the slurry into the spray tank during or after filling. Sufficient hydraulic (jet) or mechanical agitation should be provided during mixing and application to keep the material in suspension.

EQUIPMENT

GROUND APPLICATION: Use conventional spray equipment with 80° fan-type nozzles. Screens in nozzles as well as those in suction and inline strainers, should be no finer than 50 mesh.

Use hydraulic or mechanical agitation during mixing and application to maintain a uniform suspension.

Use a pump with capacity to maintain 35-40 psi at the nozzles. If hydraulic agitation is used, the pump should also provide sufficient agitation in the tank to keep the mixture in suspension.

Wash sprayer thoroughly with clean water immediately after use.

AERIAL APPLICATION: Use aerial application only where specified in the use directions. Screens in nozzles as well as those in suction and inline strainers should be no finer than 50-mesh.

Avoid application under conditions where uniform coverage cannot be obtained or where excessive spray drift may occur.

Avoid application directly to animals or humans. Flagmen and loaders should wash thoroughly before eating and at the end of each day's operation.

Wash sprayer thoroughly with clean water immediately after use.

CHEMIGATION: See Corn section

MIXING INSTRUCTIONS

Make a slurry by adding SIMAZINE 80W to a small amount of water in a separate container. Then pour the slurry into the spray tank partially filled with clean water, and add the rest of the water.

For ground application where the amount of water is not specified, apply SIMAZINE 80W in 20-40 gals. of water per acre.

For aerial application, use a minimum of one gal. of water for each 1-1½ lbs. of wettable powder applied per acre, unless specified differently.

BAND TREATMENT

The amount of SIMAZINE 80W needed for band treatment may be calculated by the formula:

$$\frac{\text{band width in inches} \times \text{broadcast rate}}{\text{row width in inches}} = \text{amount needed per acre}$$

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 one year or more. Make only one application per year, except as noted otherwise. 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.

APPLES, PEARS, SOUR CHERRIES

Apply 2½-5 lbs. per acre.

AVOCADOS

California only: Apply 2½-5 lbs. per acre after final preparation of grove.

PRECAUTION: Do not apply to sandy soil.

BLUEBERRIES AND CANEBERRIES (blackberries, boysenberries, loganberries, raspberries)

Apply 2½-5 lbs. per acre in the spring or apply a split application of 2½ lbs. per acre in the spring plus 2½ lbs. per acre in the fall. Apply in a minimum of 40 gals. of water per acre.

On plantings less than 6 months old use ½ the above rate.

To control quackgrass, apply 5 lbs. per acre in the fall or split the application applying 2½ lbs. per acre in the fall plus 2½ lbs. per acre in the spring, when quackgrass is actively growing.

NOTE: Do not apply when fruit is present.

FILBERTS (Oregon and Washington only)

Apply 2½-5 lbs. per acre in the fall or apply a split application of 2½ lbs. per acre in the fall plus 2½ lbs. per acre in the spring.

PRECAUTIONS: 1) If trees are planted on a hillside, excessive soil erosion may result from the elimination of weeds. 2) Do not use on sandy soil.

NOTE: Do not apply when nuts are on the ground during the harvest period.

GRAPES

Apply 2½-5 lbs. per acre any time between harvest and early spring

PRECAUTION: Do not use in vineyards established less than three years.

GRAPEFRUIT, LEMONS, ORANGES

Arizona (Lemons and Oranges only): Apply a split application of 2 lbs. per acre in the spring plus 2 lbs. per acre in the fall.

California: Apply 2½-5 lbs. per acre. Do not use in the Imperial, Coachella, or Palo Verde Valleys.

Florida (Grapefruit and Oranges only): Apply 8-12 lbs. per acre in the spring.

Texas (Grapefruit and Oranges only): Apply 5-6 lbs. per acre.

PRECAUTIONS: (All areas): 1) Do not use in nurseries. 2) Do not apply to bedded grapefruit, lemons or oranges. 3) To avoid possible injury do not apply to trees under stress from freeze damage for one year after the freeze.

MACADAMIA NUTS

Apply 2½-5 lbs. in 50 gals. of water per acre before harvest and just prior to weed emergence. Repeat application as necessary. Do not apply when nuts are on the ground during the harvest period.

OLIVES

Apply 2½-5 lbs. per acre following grove preparation in the fall. Repeat annually in midwinter.

PEACHES, PLUMS, SWEET CHERRIES

Apply 2-5 lbs. per acre. Apply in late fall to early spring prior to weed emergence.

PRECAUTIONS: 1) Do not apply to sandy or gravelly soil. 2) Peaches: use only in LA., MO., and the states east of the Miss. River except TN. 3) Plums and sweet cherries: use only in MO. and states east of the Miss. River except TN.

WALNUTS

Apply 2½-5 lbs. per acre.

PRECAUTIONS: 1) Do not apply to sandy soil. 2) Leveling and furrowing operations after application will lessen effectiveness of weed control.

NOTE: Do not apply when nuts are on the ground.

FIELD CROPS

CORN

Nitrogen solutions or complete liquid fertilizers may replace all or part of the water as a carrier for SIMAZINE 80W. Do not apply after corn has emerged as there is danger of liquid fertilizers causing crop injury.

Pre-emergence: Apply before weeds and corn emerge. Use the appropriate rate in the table below.

Pre-plant: 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 after 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.

Soil Texture	Broadcast* rate per acre
Coarse-textured soil: Sand, silt, and loam that is low in organic matter	2½ lbs.
Medium-textured soil: Soil containing a moderate amount of clay and organic matter	3 lbs.
Fine-textured soil: Loam that is high in organic matter and clay (including dark prairie soils of Corn Belt)	3¾ lbs.
Organic soil: Peat, muck, and high-organic clay	5 lbs.

*For calculation of band treatment rate, see the General information section.

To control quackgrass: Apply 3¾-5 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 spring following treatment. Do not graze treated area.

NOTE: If weeds develop, particularly under relatively dry conditions, shallow cultivation will generally result in better weed control.

PRECAUTIONS: 1) Do not apply more than 5 lbs. of SIMAZINE 80W to corn in any one year. 2) Land treated with SIMAZINE 80W should not be planted to any crop except corn until the following year as injury may occur. 3) After harvest of a treated crop, plow and thoroughly till the soil in fall or spring to minimize possible injury to spring-seeded rotational crops, regardless of the rate used. 4) If more than 3¾ lbs. of SIMAZINE 80W is used per acre (or equivalent rate in a band), a crop of untreated corn should precede the next rotational crop. 5) Do not apply SIMAZINE 80W preplant incorporated in corn in the High Plains and intermountain areas of the West (including central and western Kansas, western Nebraska, western Oklahoma, and the Panhandle of Texas) where rainfall is sparse and erratic or where irrigation is required. 6) In the High Plains and intermountain areas of the West where rainfall is sparse and erratic or where irrigation is required, use SIMAZINE 80W to control weeds in

SIMAZINE 80W HERBICIDE

EPA REG. NO. 34704-685

corn only when corn is to follow corn, or a crop of untreated corn is to precede another rotational crop. 7) In western Minnesota and eastern parts of the Dakotas, Nebraska, and Kansas, do not plant soybeans following corn treated with SIMAZINE 80W if more than 2 1/2 lbs. of SIMAZINE 80W per acre (or equivalent rate in a band) was applied as injury may occur. 8) Do not plant sugar beets, tobacco, vegetables (including dry beans), spring-seeded small grains, or small-seeded legumes and grasses the year after SIMAZINE 80W application as injury may occur.

CORN—CHEMIGATION

APPLY PREPLANT OR PREEMERGENT TO CROP AND WEEDS

Do not apply this product preplant incorporated in the High Plains and intermountain areas of the West (including central and western Kansas, western Nebraska, western Oklahoma, and the Panhandle of Texas) where rainfall is sparse and erratic or where irrigation is required. In the High Plains and the intermountain areas 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 is to precede another rotational crop.

Apply this product only through sprinkler, including center pivot, lateral move, and low, side (wheel) roll, traveler, big gun, solid set, or hand move irrigation system(s). 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 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-prescribed 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.

CHEMIGATION SYSTEMS CONNECTED TO PUBLIC WATER SYSTEMS

Note: Platte Chemical Co. does not encourage connecting chemigation systems to public water supplies. The following information is provided for users who have diligently considered all other application and water supply options before electing to make such a connection.

Public water system means a system for the provision to 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) or 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 outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.

The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

The pesticide injection pipeline must 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 irrigation 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, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Do not apply when wind speed favors drift beyond the area intended for treatment.

SPRINKLER CHEMIGATION

The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.

The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

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 irrigation 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.

The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Do not apply when wind speed favors drift beyond the area intended for treatment.

Mix in clean supply tank the recommended amount of this product for acreage to be covered, and needed quantity of water.

This product should not be tank-mixed with other pesticides, surfactants or fertilizers unless prior use has shown the combination noninjurious under your conditions of use.

Follow precautionary statements and directions for all tank-mix products. Provide constant mechanical agitation in supply tank to keep this product suspended throughout application operations.

Use sufficient gallonage of water to obtain thorough and uniform coverage, but not cause runoff or excessive leaching. This will vary depending on equipment, pest problem and stage of crop growth. Application of more or less than optimal quantity of water may result in decreased chemical performance, crop injury or illegal pesticide residues. As a guide, 1/2 to 1 acre inch of water is suggested.

Meter this product into the irrigation water uniformly during the period of operation.

Do not overlap application. Follow recommended label rates, application timing, and other directions and precautions for corn.

SUGARCANE

Apply 2 1/2-5 lbs. per acre at planting or after harvest if ratoon crop is to be grown, but before weeds or sugarcane emerge. SIMAZINE 80W may also be applied interline-directed or over the sugarcane to provide continuing control of germinating weeds.

PRECAUTIONS: 1) Do not apply more than one 2 1/2-5 lb. application over the plants or more than two interline directed applications. 2) Do not apply after "close-in." 3) Total application should not exceed 12 1/2 lbs. per acre crop cycle.

NOTE: Do not feed or graze treated forage to livestock.

NURSERIES, CHRISTMAS TREE PLANTINGS, SHELTER BELTS

NURSERIES (see list below)

Apply 2 1/2-3 3/4 lbs. in at least 25 gals. water per acre in fall or spring at least one year after transplanting.

CHRISTMAS TREE PLANTING AND SHELTER BELTS (see list below)

Remove weed growth before application. Apply 2 1/2-5 lbs. in at least 25 gals. of water per acre after transplanting. Use the same rate for annual maintenance applications.

For quackgrass control apply 5 lbs. per acre in the fall or apply a split application of 2 1/2 lbs. per acre in the fall plus 2 1/2 lbs. per acre in early spring, after quackgrass begins growth.

PRECAUTIONS: 1) Do not use SIMAZINE 80W on seedbeds or cutting beds. 2) Do not apply to Christmas tree or shelter belt transplants less than three years of age. 3) Do not apply more than once a year, except as directed for quackgrass control.

Apply SIMAZINE 80W to these species of trees and shrubs, as recommended above:

American elm	Douglas fir	Oregon grape
Austrian pine	red spruce	(Mahonia spp.)
arborvitae	Russian olive	red cedar
balsam fir	Scotch pine	red oak
barberry	Siberian elm	red pine
blue spruce	Fraser fir	(Norway pine)
boxelder	hemlock	white cedar
bush honeysuckle	honey locust	white pine
caragana	juniper	white spruce
coltanea	Mugho pine	yew (Taxus spp.)
dogwood	Norway spruce	

TURF GRASSES FOR SOD

St. Augustine, Centipede, and Zoysia Grass

Apply 2 1/2-5 lbs. per acre, according to soil texture as indicated below.

Muck or Peat	5 lbs.	Old beds: within 2 days after lifting of sod New beds: 3-4 days after springing or plugging
Sandy soil	2 1/2 lbs.	Old beds: within 2 days after lifting of sod New beds: 7-10 days after springing or plugging

10 of 14

SIMAZINE 80W HERBICIDE

EPA REG. NO. 34704-685

Apply an additional 2 1/2 lbs. on muck or peat, or 1 1/4 lbs. on sandy soil if weed growth recurs.

PRECAUTIONS: 1) Do not apply within 30 days before cutting or lifting. 2) Do not use north of North Carolina.

VEGETABLE CROPS

ASPARAGUS (Established)

Apply 2 1/2-5 lbs. per acre to beds established one year or more. Apply once per year either after disking in the spring before weeds emerge, or following harvest after removal of existing weed growth. Spring application must be made at least 3 days before first cutting.

PRECAUTIONS: (Washington and Oregon only): 1) Do not use on sand, loamy sand, or gravelly areas of fields as crop injury may result. 2) Do not allow irrigation water to stand or to form pools in the field as injury may occur.

ARTICHOKES

Apply 2 1/2-5 lbs. per acre as a directed spray after the last fall tillage.

PRECAUTIONS: 1) Do not apply to sandy soil. 2) Apply only once per year.

NONSELECTIVE WEED CONTROL ON NONCROP LAND

Best results are obtained when SIMAZINE 80W is applied before weeds emerge. If weed growth has begun and removal is not feasible, include a contact or translocated herbicide in the spray.

SIMAZINE 80W can be used to provide long-term weed control on industrial sites, highway medians and shoulders, railroad rights-of-way, lumber yards, petroleum tank farms, and in noncrop areas on farms, such as around buildings, equipment and fuel storage areas, along fences, roadsides, and lanes. Aerial applications may be made where it is feasible.

Use at least 1 gal. of water for each 1 lb. of SIMAZINE 80W; use more water if practical for both ground and aerial applications.

To control annual broadleaf and grass weeds (including barnyardgrass, cheat, crabgrass, lambsquarters, foxtail, ragweed, puncturevine, and turkey mullein) apply 6-12 1/2 lbs. per acre.

To control most annual and many perennial broadleaf and grass weeds (including quackgrass, bluegrass, redtop, burdock, Canada thistle, orchardgrass, purpletop, smooth brome, dogfennel, and plantain) apply 12 1/2-25 lbs. per acre.

To control hard-to-kill perennial weeds (including bullthistle and sowthistle) apply 25-50 lbs. per acre.

For longer residual control in regions of high rainfall and a long growing season, apply 25-50 lbs. per acre.

NOTICE

PLATTE WARRANTS THAT THIS PRODUCT CONFORMS TO THE CHEMICAL DESCRIPTION ON THE LABEL THEREOF AND IS REASONABLY FIT FOR THE PURPOSES STATED ON SUCH LABEL ONLY WHEN USED IN ACCORDANCE WITH THE DIRECTIONS UNDER NORMAL USE CONDITIONS. IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS INHERENTLY ASSOCIATED WITH THE USE OF THIS PRODUCT. CROP INJURY, INEFFECTIVENESS, OR OTHER UNINTENDED CONSEQUENCES MAY RESULT BECAUSE OF SUCH FACTORS AS WEATHER CONDITIONS, PRESENCE OF OTHER MATERIALS, OR THE MANNER OF USE OR APPLICATION, ALL OF WHICH ARE BEYOND THE CONTROL OF PLATTE. IN NO CASE SHALL PLATTE BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER.

EXCEPT AS EXPRESSLY PROVIDED HEREIN, PLATTE MAKES NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND, EITHER EXPRESSED OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE, BUYER'S OR USER'S EXCLUSIVE REMEDY, AND PLATTE'S TOTAL LIABILITY, SHALL BE FOR DAMAGES NOT EXCEEDING THE COST OF THE PRODUCT.

FORMULATED FOR

PLATTE CHEMICAL CO.

150 SO. MAIN STREET

FREMONT, NEBRASKA 68025-5697

PROPOSED
LABEL



SIMAZINE 80W HERBICIDE

ACTIVE INGREDIENT:

Simazine (2-Chloro-4, 6-bis
(ethylamino)-s-triazine)

80%

INERT INGREDIENTS:

20%

TOTAL

100%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

**SEE BELOW FOR ADDITIONAL
PRECAUTIONARY STATEMENTS**

EPA REG. NO. 34704-685

EPA EST. NO. _____

NET WEIGHT _____ LBS. (_____ KG)

3380

WPSEX07P93

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

Harmful if swallowed.

Avoid contact with skin, eyes or clothing. Avoid breathing spray mist.

Personal Protective Equipment:

Applicators and other handlers must wear: Long-sleeved shirt and long pants, waterproof gloves, and shoes plus socks.

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

Engineering controls statements:

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

USER SAFETY RECOMMENDATIONS

Users should

Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

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

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.

STATEMENT OF PRACTICAL TREATMENT

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

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

IF IN EYES: Flush with water for 15 minutes. Get medical attention.

DIRECTIONS FOR USE

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

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 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 enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

Exception: If the product is soil-injected or soil incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for 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.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not enter treated area until dusts have settled or sprays have dried.

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. Such conditions include, but are not limited to, positioning of the container in storage, storage temperature, potential for crushing or damage due to stacking, and penetration of moisture.

STORAGE: Store in a safe manner. Store in original container only. Store in cool, dry place. Reduce stacking height where local conditions, such as humidity or pallet overhang can affect package strength.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide and Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA

SIMAZINE 80W HERBICIDE

EPA REG. NO. 34704-685

Storage and Disposal, Cont'd.

Regional Office for guidance.

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

GENERAL INFORMATION

SIMAZINE 80W is a herbicide that should 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 crops and ornamental plantings. When used at higher, non-selective rates in non-crop areas, it also controls many perennial broadleaf and grass weeds.

Since SIMAZINE 80W enters weeds mainly through their roots, rainfall or irrigation is needed to move it into the rootzone. Very dry soil conditions and lack of rainfall following application may necessitate shallow cultivation.

SIMAZINE 80W controls most annual broadleaf and grass weeds such as:

Amaranth	Fireweed	Ragweed
Annual Bluegrass	Flora's Paintbrush	Rattail Fescue
Annual Morningglory	Florida Pusley	Russian Thistle
Annual Ryegrass	Foxtails	Shepherdspurse
Barnyardgrass	Goosegrass	Shieldscrees
(Watergrass)	Junglerice	Silver Hairgrass
Brachiaria spp.	Lambsquarters	Smartweed
Carelessweed	Mustard	Spanish Needles
Carpetweed	Nightshade	Tansymustard
Common Chickweed	Pigweed	Wild Oats
Crabgrass	Prickly Lettuce	Wiregrass
(Digitaria spp.)	Purslane	Witchgrass
Downey Brome (Cheat)		

SIMAZINE 80W is non-corrosive to equipment, non-flammable, and has low electrical conductivity.

Store SIMAZINE 80W in a dry place.

SIMAZINE 80W is a wettable powder formulation to be mixed with water and applied as a spray. Make a slurry by adding SIMAZINE 80W to a small quantity of water. Pour the slurry into the spray tank during or after filling. Sufficient hydraulic (jet) or mechanical agitation should be provided during mixing and application to keep the material in suspension.

EQUIPMENT

GROUND APPLICATION: Use conventional spray equipment with 80° fan-type nozzles. Screens in nozzles as well as those in suction and inline strainers, should be no finer than 50 mesh.

Use hydraulic or mechanical agitation during mixing and application to maintain a uniform suspension.

Use a pump with capacity to maintain 35-40 psi at the nozzles. If hydraulic agitation is used, the pump should also provide sufficient agitation in the tank to keep the mixture in suspension.

Wash sprayer thoroughly with clean water immediately after use.

AERIAL APPLICATION: Use aerial application only where specified in the use directions. Screens in nozzles as well as those in suction and inline strainers should be no finer than 50-mesh.

Avoid application under conditions where uniform coverage cannot be obtained or where excessive spray drift may occur.

Avoid application directly to animals or humans.

Wash sprayer thoroughly with clean water immediately after use.

CHEMIGATION: See Corn section

MIXING INSTRUCTIONS

Make a slurry by adding SIMAZINE 80W to a small amount of water in a separate container. Then pour the slurry into the spray tank partially filled with clean water, and add the rest of the water.

For ground application where the amount of water is not specified, apply SIMAZINE 80W in 20-40 gals. of water per acre.

For aerial application, use a minimum of one gal. of water for each 1-1 1/2 lbs. of wettable powder applied per acre, unless specified differently.

BAND TREATMENT

The amount of SIMAZINE 80W needed for band treatment may be calculated by the formula:

$$\frac{\text{band width in inches} \times \text{broadcast rate}}{\text{row width in inches}} = \text{amount needed per acre}$$

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 one year or more. Make only one application per year, except as noted otherwise. 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.

APPLES, PEARS, SOUR CHERRIES

Apply 2 1/2-5 lbs. per acre.

AVOCADOS

California only: Apply 2 1/2-5 lbs. per acre after final preparation of grove.

PRECAUTION: Do not apply to sandy soil.

BLUEBERRIES AND CANEBERRIES (blackberries, boysenberries, loganberries, raspberries)

Apply 2 1/2-5 lbs. per acre in the spring or apply a split application of 2 1/2 lbs. per acre in the spring plus 2 1/2 lbs. per acre in the fall. Apply in a minimum of 40 gals. of water per acre.

On plantings less than 6 months old use 1/2 the above rate.

To control quackgrass, apply 5 lbs. per acre in the fall or split the application applying 2 1/2 lbs. per acre in the fall plus 2 1/2 lbs. per acre in the spring, when quackgrass is actively growing.

NOTE: Do not apply when fruit is present.

FILBERTS (Oregon and Washington only)

Apply 2 1/2-5 lbs. per acre in the fall or apply a split application of 2 1/2 lbs. per acre in the fall plus 2 1/2 lbs. per acre in the spring.

PRECAUTIONS: 1) If trees are planted on a hillside, excessive soil erosion may result from the elimination of weeds. 2) Do not use on sandy soil.

NOTE: Do not apply when nuts are on the ground during the harvest period.

GRAPES

Apply 2 1/2-5 lbs. per acre any time between harvest and early spring.

PRECAUTION: Do not use in vineyards established less than three years.

GRAPEFRUIT, LEMONS, ORANGES

Arizona (Lemons and Oranges only): Apply a split application of 2 lbs. per acre in the spring plus 2 lbs. per acre in the fall.

California: Apply 2 1/2-5 lbs. per acre. Do not use in the Imperial, Coachella, or Palo Verde Valleys.

Florida (Grapefruit and Oranges only): Apply 8-12 lbs. per acre in the spring.

Texas (Grapefruit and Oranges only): Apply 5-6 lbs. per acre.

PRECAUTIONS: (All areas): 1) Do not use in nurseries. 2) Do not apply to bedded grapefruit, lemons or oranges. 3) To avoid possible injury do not apply to trees under stress from freeze damage for one year after the freeze.

MACADAMIA NUTS

Apply 2 1/2-5 lbs. in 50 gals. of water per acre before harvest and just prior to weed emergence. Repeat application as necessary. Do not apply when nuts are on the ground during the harvest period.

OLIVES

Apply 2 1/2-5 lbs. per acre following grove preparation in the fall. Repeat annually in midwinter.

PEACHES, PLUMS, SWEET CHERRIES

Apply 2-5 lbs. per acre. Apply in late fall to early spring prior to weed emergence.

PRECAUTIONS: 1) Do not apply to sandy or gravelly soil. 2) Peaches: use only in LA., MO., and the states east of the Miss. River except TN. 3) Plums and sweet cherries: use only in MO. and states east of the Miss. River except TN.

WALNUTS

Apply 2 1/2-5 lbs. per acre.

PRECAUTIONS: 1) Do not apply to sandy soil. 2) Leveling and furrowing operations after application will lessen effectiveness of weed control.

NOTE: Do not apply when nuts are on the ground.

FIELD CROPS

CORN

Nitrogen solutions or complete liquid fertilizers may replace all or part of the water as a carrier for SIMAZINE 80W. Do not apply after corn has emerged as there is danger of liquid fertilizers causing crop injury.

Pre-emergence: Apply before weeds and corn emerge. Use the appropriate rate in the table below.

Pre-plant: 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 after 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.

SIMAZINE 80W HERBICIDE

EPA REG. NO. 34704-685

Soil Texture	Broadcast* rate per acre
Coarse-textured soil: Sand, silt, and loam that is low in organic matter	2 1/2 lbs.
Medium-textured soil: Soil containing a moderate amount of clay and organic matter	3 lbs.
Fine-textured soil: Loam that is high in organic matter and clay (including dark prairie soils of Corn Belt)	3 3/4 lbs.
Organic soil: Peat, muck, and high-organic clay	5 lbs.

*For calculation of band treatment rate, see the General information section.

To control quackgrass: Apply 3 3/4-5 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 spring following treatment. Do not graze treated area.

NOTE: If weeds develop, particularly under relatively dry conditions, a shallow cultivation will generally result in better weed control.

PRECAUTIONS: 1) Do not apply more than 5 lbs. of SIMAZINE 80W to corn in any one year. 2) Land treated with SIMAZINE 80W should not be planted to any crop except corn until the following year as injury may occur. 3) After harvest of a treated crop, plow and thoroughly till the soil in fall or spring to minimize possible injury to spring-seeded rotational crops, regardless of the rate used. 4) If more than 3 3/4 lbs. of SIMAZINE 80W is used per acre (or equivalent rate in a band), a crop of untreated corn should precede the next rotational crop. 5) Do not apply SIMAZINE 80W preplant incorporated in corn in the High Plains and intermountain areas of the West (including central and western Kansas, western Nebraska, western Oklahoma, and the Panhandle of Texas) where rainfall is sparse and erratic or where irrigation is required. 6) In the High Plains and intermountain areas of the West where rainfall is sparse and erratic or where irrigation is required, use SIMAZINE 80W to control weeds in corn only when corn is to follow corn, or a crop of untreated corn is to precede another rotational crop. 7) In western Minnesota and eastern parts of the Dakotas, Nebraska, and Kansas, do not plant soybeans following corn treated with SIMAZINE 80W if more than 2 1/2 lbs. of SIMAZINE 80W per acre (or equivalent rate in a band) was applied as injury may occur. 8) Do not plant sugar beets, tobacco, vegetables (including dry beans), spring-seeded small grains, or small-seeded legumes and grasses the year after SIMAZINE 80W application as injury may occur.

CORN—CHEMIGATION

APPLY PREPLANT OR PREEMERGENT TO CROP AND WEEDS

Do not apply this product preplant incorporated in the High Plains and intermountain areas of the West (including central and western Kansas, western Nebraska, western Oklahoma, and the Panhandle of Texas) where rainfall is sparse and erratic or where irrigation is required. In the High Plains and the intermountain areas 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 is to precede another rotational crop.

Apply this product only through sprinkler, including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, or hand move irrigation system(s). 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 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-prescribed 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.

CHEMIGATION SYSTEMS CONNECTED TO PUBLIC WATER SYSTEMS

Note: Platte Chemical Co. does not encourage connecting chemigation systems to public water supplies. The following information is provided for users who have diligently considered all other application and water supply options before electing to make such a connection.

Public water system means a system for the provision to the public of

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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) or 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 outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.

The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

The pesticide injection pipeline must 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 irrigation 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, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Do not apply when wind speed favors drift beyond the area intended for treatment.

SPRINKLER CHEMIGATION

The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.

The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

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 irrigation 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.

The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Do not apply when wind speed favors drift beyond the area intended for treatment.

Mix in clean supply tank the recommended amount of this product for acreage to be covered, and needed quantity of water.

This product should not be tank-mixed with other pesticides, surfactants or fertilizers unless prior use has shown the combination noninjurious under your conditions of use.

Follow precautionary statements and directions for all tank-mix products. Provide constant mechanical agitation in supply tank to keep this product suspended throughout application operations.

Use sufficient gallonage of water to obtain thorough and uniform coverage, but not cause runoff or excessive leaching. This will vary depending on equipment, pest problem and stage of crop growth. Application of more or less than optimal quantity of water may result in decreased chemical performance, crop injury or illegal pesticide residues. As a guide, 1/2 to 1 acre inch of water is suggested.

Meter this product into the irrigation water uniformly during the period of operation.

Do not overlap application. Follow recommended label rates, application timing, and other directions and precautions for corn.

SUGARCANE

Apply 2 1/2-5 lbs. per acre at planting or after harvest if ratoon crop is to be grown, but before weeds or sugarcane emerge. SIMAZINE 80W may also be applied interline-directed or over the sugarcane to provide continuing control of germinating weeds.

PRECAUTIONS: 1) Do not apply more than one 2 1/2-5 lb. application over the plants or more than two interline directed applications. 2) Do not apply after "close-in." 3) Total application should not exceed 12 1/2 lbs. per acre crop cycle.

NOTE: Do not feed or graze treated forage to livestock.

NURSERIES, CHRISTMAS TREE PLANTINGS, SHELTER BELTS NURSERIES (see list below)

Apply 2 1/2-3 3/4 lbs. in at least 25 gals. water per acre in fall or spring at least one year after transplanting.

SIMAZINE 80W HERBICIDE

EPA REG. NO. 34704-685

CHRISTMAS TREE PLANTING AND SHELTER BELTS (see list below)

Remove weed growth before application. Apply 2 1/2-5 lbs. in at least 25 gals. of water per acre after transplanting. Use the same rate for annual maintenance applications.

For quackgrass control apply 5 lbs. per acre in the fall or apply a split application of 2 1/2 lbs. per acre in the fall plus 2 1/2 lbs. per acre in early spring, after quackgrass begins growth.

PRECAUTIONS: 1) Do not use SIMAZINE 80W on seedbeds or cutting beds. 2) Do not apply to Christmas tree or shelter belt transplants less than three years of age. 3) Do not apply more than once a year, except as directed for quackgrass control.

Apply SIMAZINE 80W to these species of trees and shrubs, as recommended above:

American elm	Douglas fir	Oregon grape
Austrian pine	red spruce	(Mahonia spp.)
arborvitae	Russian olive	red cedar
balsam fir	Scotch pine	red oak
barberry	Siberian elm	red pine
blue spruce	Fraser fir	(Norway pine)
boxelder	hemlock	white cedar
bush honeysuckle	honey locust	white pine
caragana	juniper	white spruce
cotoneaster	Mugho pine	yew (Taxus spp.)
dogwood	Norway spruce	

TURF GRASSES FOR SOD

St. Augustine, Centipede, and Zoysia Grass

Apply 2 1/2-5 lbs. per acre, according to soil texture as indicated below.

Muck or Peat	5 lbs.	Old beds: within 2 days after lifting of sod New beds: 3-4 days after sprigging or plugging
Sandy soil	2 1/2 lbs.	Old beds: within 2 days after lifting of sod New beds: 7-10 days after sprigging or plugging

Apply an additional 2 1/2 lbs. on muck or peat, or 1 1/4 lbs. on sandy soil if weed growth recurs.

PRECAUTIONS: 1) Do not apply within 30 days before cutting or lifting. 2) Do not use north of North Carolina.

VEGETABLE CROPS

ASPARAGUS (Established)

Apply 2 1/2-5 lbs. per acre to beds established one year or more. Apply once per year either after disking in the spring before weeds emerge, or following harvest after removal of existing weed growth. Spring application must be made at least 3 days before first cutting.

PRECAUTIONS: (Washington and Oregon only): 1) Do not use on sand, loamy sand, or gravelly areas of fields as crop injury may result. 2) Do not allow irrigation water to stand or to form pools in the field as injury may occur.

ARTICHOKES

Apply 2 1/2-5 lbs. per acre as a directed spray after the last fall tillage.

PRECAUTIONS: 1) Do not apply to sandy soil. 2) Apply only once per year.

NONSELECTIVE WEED CONTROL ON NONCROP LAND

Best results are obtained when SIMAZINE 80W is applied before weeds emerge. If weed growth has begun and removal is not feasible, include a contact or translocated herbicide in the spray.

SIMAZINE 80W can be used to provide long-term weed control on industrial sites, highway medians and shoulders, railroad rights-of-way, lumber yards, petroleum tank farms, and in noncrop areas on farms, such as around buildings, equipment and fuel storage areas, along fences, roadsides, and lanes. Aerial applications may be made where it is feasible.

Use at least 1 gal. of water for each 1 lb. of SIMAZINE 80W; use more water if practical for both ground and aerial applications.

To control annual broadleaf and grass weeds (including barnyardgrass, cheat, crabgrass, lambsquarters, foxtail, ragweed, puncturevine, and turkey mullein) apply 6-12 1/2 lbs. per acre.

To control most annual and many perennial broadleaf and grass weeds (including quackgrass, bluegrass, redtop, burdock, Canada thistle, orchardgrass, purpletop, smooth brome, dogfennel, and plantain) apply

12 1/2-25 lbs. per acre.

To control hard-to-kill perennial weeds (including bullthistle and sowthistle) apply 25-50 lbs. per acre.

For longer residual control in regions of high rainfall and a long growing season, apply 25-50 lbs. per acre.

NOTICE

PLATTE WARRANTS THAT THIS PRODUCT CONFORMS TO THE CHEMICAL DESCRIPTION ON THE LABEL THEREOF AND IS SUITABLY FIT FOR THE PURPOSES STATED ON SUCH LABEL. WHEN USED IN ACCORDANCE WITH THE DIRECTIONS ON THE LABEL, PLATTE MAKES NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. ALL RISKS INHERENTLY ASSOCIATED WITH THE USE OF THIS PRODUCT, CROP INJURY, INEFFECTIVENESS, OR OTHER UNINTENDED CONSEQUENCES MAY RESULT BECAUSE OF SUCH FACTORS AS WEATHER CONDITIONS, PRESENCE OF OTHER MATERIALS, OR THE MANNER OF USE OR APPLICATION, ALL OF WHICH ARE BEYOND THE CONTROL OF PLATTE. IN NO CASE SHALL PLATTE BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER. EXCEPT AS EXPRESSLY PROVIDED HEREIN, PLATTE MAKES NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND, EITHER EXPRESSED OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. BUYER'S OR USER'S EXCLUSIVE REMEDY, AND PLATTE'S TOTAL LIABILITY, SHALL BE FOR DAMAGES NOT EXCEEDING THE COST OF THE PRODUCT.

FORMULATED FOR
PLATTE CHEMICAL CO.

150 SO. MAIN STREET FREMONT, NEBRASKA 68025-5697