PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

Harmful if swallowed, inhaled or absorbed through the skin. Do not get in eyes or on skin. Do not breathe spray mist. Wash thoroughly after handling. If swallowed, in duce vomiting. Get medical attention. If inhaled, contact your nearest Poison Control Center. If on skin, remove by washing. Get medical attention if irritation per sists. If in eyes, flush with plenty of water. Get medical attention if irritation persists

ENVIRONMENTAL HAZARDS

Keep out of lakes, streams or ponds. Do not contaminate water by cleaning of equipment, or disposal of wastes.

GENERAL INFORMATION

SIMAZINE 4L is a herbicide that should be applied before weeds emerge or following removel of weed growth. It controls a wide variety of annual broadleaf and grass weeds when used as 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 4L enters weeds mainly three ghitheir roots, rainfall or irrigation is needed to move it into the root zone. Very dry soil conditions and tack of rainfall following application may necessitate shallow cultivation.

SIMAZINE 4L controls most annual broadleaf and grass weeds such as

Amaranths Annual Bluegrass Annual Morningglory Annual Ryagrass
Barnyardgrass (Watergrass)
Brachiaria spp. Carelessweed Carpetweed Common Chickweed

Crabgrass (Digitaria spp.) Mustard Downey Brome (Cheet) Fireweed Flora's Paintbrush Florida Pusiey Foxtails Gcosegrass Junglerice Lambequarters

Nightshade Pigweed Prickley Lettuce Purslane Ragweed Rattail Fescue Russian Thistle Shepherdspurse

Shieldscress Silver Hairgrass Smartweed Spanish Needles Tansymustard Wild Oats Wiregrass Witchgrass

SIMAZINE 4L is non-corrosive to equipment, non-flammable, and has low electrical conductivity."

SIMAZINE 4L is a flowable formulation to be mixed with water and applied as a spray. Add SIMAZINE 4L to 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

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

Wash sprayer thoroughly with clean water immediately after use

Areal-Application: Use aerual application only where specified in the use directions. Screens in nozzles as walfas those in suction and inline strainers should be no finer than 50 mesh.

Although it is unnecessary for flagmen or loaders to wear protective clothing or equipment, care should be taken to avoid inhalation of dust or spray mist, or contact with alun. Flagmen and leaders should wash thoroughly before earing and at the end of each day's opera

Aash sprayer thoroughly with clean water immediately after use

DIRECTIONS FOR USE

it is a violation of Fedéral law to use this product in a manner inconsistent with its labeling

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container Pesticide, spray mixture or rinsate that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies. CONTAINER DISPOSAL: Triple rinse for aquivalent) and dispose in an incinerator or landfill approved for pesticide containers, or bury in a safe place. Consult Federal, State or Local Disposal Authorities for approved alternate procedures such as limited open burging.

limited open burning

Do not apply when weather conditions favor drift from areas treated

Apply this product only as specified on this label

Add SIMAZINE 4L directly to the spray tank partially filled with clear water, add any tank mix ingredients and then add remainder of water and provide constant agitation during mixing to keep mixture in suspension. Agitation should not be so violent as to cause air bubbles to form in mixture.

For ground application where the amount β water is not specified, apply SIMAZINE 4L in 20-40 gals, of water per acre.

For Aerial application, use a minimum of one gall of water for each 1 Qt of SIMAZINE 4L per acre, unless specified differently

FRUIT AND NUT CROPS. Apply the spray to the orchard or unevard floor avoiding contact with fruit FRUIT AND NUT CROPS. Apply the spray to the ordinard or unequal tops avoiding contact with fruit for age or stems. Make application only to orchards or groves where trees have been established one year or min. Make only one application per year except as noted otherwise. Recommended rates are based on broadcast treatment. For band applications or spot any lications around trees in fruit or nut plantings in dure the broadcast rate of SIMAZINE 4L and water per arre in proportion to the area actually sprayed.

APPLES, PEARS, SOUR CHERRIES. Apply 2.4 Ois, per acre-

AVOCADOS: California only. Apply 2.4 Ots, per acre after final preparation of grove. PRECAUTION: Do

BLUEBERRIES AND CANEBERRIES (blackberries, boysenberries loganberries, raspberries). App. r 2.4 Ots, per acre in the spring or apply a split application of 2 Ots, per acre in the spring plus 2 Ots, per acre in the spring plus 2 Ots, per acre in the spring plus 2 Ots, per acre in the fall. Apply in a minimum of 40 gats, of water per into On plantings less than 6 months old use to the above rate

To control quackgrass, apply 4 Qts, per acre in the fall or split the application applying 2 Qts, per acre in the fai plus 2 Qts per acre in the spirity, when quackgrass is actively growing NOTE Do not apply when fruit is present

CRANBERRIES Massachusetts. Apply up to 4 Qts. per acre either before spring growth begins or in the full after harvest. Other areas. Apply 2 Qts. per acre before spring growth bagins.

FILBERTS: (Oregon and Washington only) Apply 2.4 Ots. per airre in the fall or apply a split application of 2 Ots, per acre in the fall plus 2 Qts, per acre in the spring

PRECAUTION 1) If trees are planted on a hillside lexcessive soil erosion may result from the elimination of

weeds 2i Do not use on sandy soil NOTE. Do not apply when nots are on the ground during the harvest period.

GRAPES. Apply 2.4.8 Qts. per acre any time between harvest and early spring

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

Ots per acre in the spring plus 1.6 Ots per acre in the factorial Apply 2.4 Ots. per acre in the factorial Grapefruit and Oranges only). Apply 6.4-9.6 Ots. per acre in the apring Texas (Grapefruit and Oranges only). Apply 4.4.8 Ots. PRECAUTIONS (All areas). 1) Do not use in unseries. 2) Do not apply to bedded grapefruit, temons or oranges. 3) To avoid possible injury do not apply to trees under stress from freeze damage for one year after the freeze. GRAPEFRUIT, LEMONS, ORANGES: Arizona (Lemons and Oranges only Applica split application of 1.6

MACADAMIA NUTS: Apply 2.4 Qts. in 50 gals, of water per aure 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 2.4 Ots, per acre following grove preparation in the fall Repeat annually in midwinter

PEACHES, PLUMS, SWEET CHERRIES. Apply 2.4 Ots. per acre. Apply in late fall to early spring prior to

weed emergence.
PRECAUTIONS 11 Do not apply to sandy or gravelly soil 21 Peaches use only in Ark , La , Mo , Okla ,
Tex , and the states east of the Miss. River 31 Plums and sweet cherries use only in Mo, and states east of
the Miss. River except Tenn.

WALNUTS: Apply 2.4 O's 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

SIMAZINE 4L plus Paraquat CL Tank Mix Combination For Weed Control In Apples, Peras and Per

SIMAZINE 4L plus Paraquat CL tank mix combinations is effective in apple, peach, and peak orchards for kill of existing vegetation and for residual control of the annual broadleaf and grass weeds listed under General Information

This illombination is also effective for top kill and suppression of perennal weeds

Apply the rates shown in the following table as a tank mix in 50 200 gals, of water per acre to the orchard floor avoiding contact with fruit. foliage or stems. Apply when the weeds and grasses are succulent and the new growth is from 1.6 inches tall.

Since SIMAZINE enters weeds mainly through their roots, rainfall or irrigation is needed to move it into the

Сгор	Broadcast* SIMAZINE 4L	Rate Per Acre Paraguet CL
Apples Pears	2 4 Ots	1 2 Ots
Peaches**	1 6 4 Qts	1-2 Ots

For band applications or spot applications are undifferent reduce the broadcas is ate and the amount of water in pro-portion to the area, actually sprayed.

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

PRECAUTIONS 1) Make only one application per year 2) Make applications only in orchards or groves where trees have been established one year or more 3) Do not spray under windy conditions and use a shield for sound trains.

Note: Do not allow arrimals to graze treated areas

HERT DOCUMENT AVAILABLE



FLOW

ACTIVE INGF Simazine (2 **INERT INGRE** TOTAL

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STATEMENT (

If swallowed, a placing finger anything by me

If inhaled, remo respiration, pre

If on skin, rem If in eyes, flust

tion persists.

See Side Pane

GRIFFIN **VALDOS**1

NET CON E.P.A F

[&]quot;Do not apply to peaches on sandy or other on peaches only in Arkansas. Lousana Missour. Or a Inomal Texas and states east of the Mississippi River.

orchard or vineyard floor avoiding contact with fruit, or groves where trees have been established one year or tas noted otherwise. Recommended rates are based on applications around trees in fruit or nut plantings, reduce scre in proportion to the area actually sprayed

relatter final preparation of grove PRECAUTION Do

ries, boysenberries, loganberries, raspbarries). Apply Hon of 2 Ots. per acre in the spring plus 2 Ots. per acre in Ive rate

fall or split the application applying 2 Qts, per acre in the grass is activaly growing.

are per acre either before spring growth begins or in the e before spring growth begins

z 4 Qts, per acre in the fall or apply a split application of 2

excessive soil erosion may result from the elimination of

a during the harvest period

ween harvest and early spring

Lemons and Oranges only: Apply a split application of 1.6

Coachella, or Femerdes Valleys 9.6 Qts. per acre in the spring.

series. 2) Do not apply to bedded grapefruit, lemons or o trees under strees from freeze damage for one year after

of water per acre before harvest and just prior to weed tot apply when nuts are on the ground during the harvest

preparation in the fail. Repeat annually in midwinter

2-4 Qts. per acre. Apply in late fall to early spring prior to

welly soil 2) Peaches' use only in Ark , La , Mo , Okla , ms and sweet charries use only in Mo , and states east of

Leveling and furrowing operations after application will

L Tank Mix Combination For Weed s, Peans and Pea

tions is effective in apple, peach, and pear orchards for kill be annual broadlest and grass weeds listed under General

suppression of perennal weeds

tank mix in 50-200 gals, of water per acre to the orchard Apply when the weeds and grasses are succulent and the

eir roots, rainfall or impation is needed to move it into the

roadcast* MAZINE 4L	Rate Per Acre Peraquat CL
2-4 Ots.	1 2 Ots
1 6-4 Qts.	1.2 Ots

Use on peaches only in Arkansas, Louisiana, Missouri, Okia

tired soil and low organic matter soi. Use the high rate on

year. 2) Make applications only in orchards or groves e 3) Do not spray under windy conditions and use a shield

SIMAZINE4L

FLOWABLE HERBICIDE

ACTIVE INGREDIENT:

Simazine (2-Chloro-4, 6-bis (ethylamino)-s-triazine . . 42.8% INERT INGREDIENTS: 57.2%

ACCEPTED

FEB 26 1980

Under t e Feacial Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide

1812-250

KEEP OUT OF REACH OF CHILDREN

STATEMENT OF PRACTICAL TREATMENT

If swallowed, drink 1 or 2 glasses of water. Induce vomiting, by placing finger in back of throat. Call a Physician. Never give anything by mouth to an unconscious person.

If inhaled, remove victim to fresh air. If not breathing, give aritificial respiration, preferably mouth to mouth. Get medical attention.

If on skin, remove by washing.

If in eyes, flush with plenty of water. Get medical attention if irritation persists.

See Side Panel For Additional Precautionary Statements.

GRIFFIN CORPORATION

VALDOSTA, GEORGIA 31601 NET CONTENTS 2½ gallons

> EPA Reg. No 1812 250 EPA Est No 1812-GA 3



CORNANT/Gram to all a pure pure first versing repaire all or part of tho war reMAZ@E 42. Discharge after the control as there is darger of a just fertilizers.

From Apper 4.7 Districts for Artificial and the state of angle use the appropriate rate in the table for a substitution of the state of

NOTE of the try west of a first of the total of the district may give herter weed our t

(1)	
Sod Yestut●	Breedcast rate p
gradient de la filosofie de la companya de la compa	2 Qis
Most profess and as a decision associated as a distribution matter	2 4 Q15
 Fig. (1998) (1993) Graph of the Company of States and Company Graph of the Company of Company Graph of the Company of Company 	3 Qrs
Organii Sin Wangini Janier an afficianii de	4 Ois
	

Tracountry, $p_{\rm color}$ with risk. Apply 3.4 $\Omega m_{\rm color}$ or in the fair. Providing to three weeks later, or the stript of A. $\rho_{\rm color}$ of the principle of the spring following. praze treated a na-

tyrat Ellik weekts idevelop ip articitarity or derire atively dry conditions, a shakow cultivation w

PRECAUTIONS IT Do not apply in the thin 4 Ots of SIMAZINE 45 to comin any one ywith CAUTION 15 Do not apply a new York or an advanced to command one you with SAMAZINE 45 or under not be planted to any Crop except core until the following year or After harvest of a treated core of two and theroughly till the soil in fall or spring to report to spring sends a rotation are copy requirems of the rate use. 41 If more than 3 Ots or loss of per air not required traffer or a range of a crop of unreated core should precede the cost of per air not reported to the common the High Plants and intermined. West concluding central and western Kansas, western Nebraska, western Oklahoma, and Tolicist where rainfall is spanse and erratic or where irrigation is required. 6) In the High Pla to more is of the West where rainfall is sparse and erratic or where importion is required, u introl weeds in commonly who comis to follow comis or crop of untreated comis trotal and crop. If in western Minnesota and nastern parts of the Dokotas, Nebraska, a pant snytheans for owing committee twith S-MAZINE 4L if more than 2 Qts. of SIMAZ. quivalent rate in a bandi was applied as injury may occur. 8) Do not plant sugar beets, to fluditig dry beans: ispreig seeded smalt grains or small seeded fegumes and grass HMAZINE 4E application as injury may occur

SIMAZINE 4L Plus ATRAZINE 4L Tank-Mix Combination Control in Corn

planting combit before weeds emerge to control early germinating annual weeds or grasses. One application will control most armual broadleaf and grass weeds including subgruss. barryardgrass foxtail, velvetleaf carpetweed, morninggiory, lambiquarting weed. The tank may combination of SIMAZINE 4L plus ATRAZINE 4L may be applied either before

Preplant Application. Apply the tank mixture as a broadcast treatment in the spring at terfore, during, or after finals is incorpreparation. If social tree priviously after application of SIMAZINE 4L bius ATRIAZINE 4L. Best results will be obtained when the risk than two weeks before planting.

Preemergencie Application. Appliy this tank mixture during obshorby after planting, but primergence.

	•	casi	plant and	0 40	enie Lga	'g
So ·		i, cr	siMAZINE	4L	. L	A
Coarse textured so I sand Toam I sand I sandy loam	٠.	ļ. •	1 01		.;	•
Medium textured site is discorpland clay foam low in organic matter	• .	,	 12 Or∙		• •	٠
Fine textured so his to cam and clay loam with medium to high organic matter and clay rincluding dark practisoils of the Cram Beith.	T1	:	1 5 Qt	•••	•	

SUGARCANE Apply 2.4 Ots per acre at planting or after harvest if retoon crop is to be weeds or sugarcane emerge. SIMAZINE 4L may also be applied interine-directed or over provide continuing control of germinating weeds.

PRECAUTIONS 1i Do not apply more than one 2.4 Ots application over the plants interline directed applications. 2- Do not apply after "close in." 3) Total application should be presented in the plants of the plant Ots, per acm crop cycle

NOTE Do not feed or graze treated forage to Lyestock

GRASSES GROWN FOR SEED (Pacific Northwest only): Perennial ryegrass, High: tgrasses, orchardgrass, tail Fescue and fine fescues such as Mahee, Ranier, Penniawn, Crapecies. For the control of broadleaf weeds and annual grasses including annual ryes, solver hargrass, and downy brume (cheat), apply 2 Ots. of SIMAZINE 4L in a minimum of each as soon as fair rains start. Early application is important.

PRECAUTION Apply only to grasses from which at least one seed crop has been cut NOTE: Allow 30 days between last application and grazing of dairy and beef cattle and days between the tast analysis store. days between the fast application and cutting of hav

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CORN National solutions of complete industrial for the control of the control of

Pre emergedne. Apply before weeds and command a control of the con

NOTE: Under dry weather conditions, bright 500 or one or a part of the Area or or

ļ	Soil Texture	Broadcast rate per acre
:	Coarse textured so. Sand is if and foam that is low in organic (1999)	. 11%
į	Medium textured son. Soil containing a moderate amount of Clay of the specific array.	24.9
	Fine textured soil. Loam that is high in organic matter and ic ty. Fincluding dark prairie soils of Corn Betti.	v (p.
,	Organic soil Peat muck, and high organic clay	4 (ps

To control quackgrass, Apply 3.4 Ots, per acre of the fail. Providence there were state has been seen as blem, delay plowing until spring. Do not plant any chip except cord in the spring following treatment. Do not graze treated area

NOTE If weeds develop, particularly under relatively dry conditions, a shallow of that on will generally result in better weed control

42.8%

57.2% 100.0%

ting, by ver give

aritificial

ार्ग irrita-

ntion.

PRECAUTIONS—II Do not apply more than 4 Qts—of SIMAZINE 4L for corning one year. 2) Lainst treated with SIMAZINE 4L should not be planted to any crop except corning the following year as a jury form of cut. 3) After harvest of a treated crop, plow and thoroughly to the soil on fail on spring to minor ze possible injury to spring seeded rotational crops regardless of the rate use. 4: If mare than 3 Ots. of SIMAZINE 4L is used per accellor equivalent rate in a bandly a crop of untricated for should precede their extratedronal crop. 5I Do not apply SIMAZINE 4L preplant incorporated in corn in the High Plans and intermount the awas of the West including central and western Kansas, western Nebraska, wistern Oklahoma, and the Panhandle of Texast where rainfall is sparse and erratic of where irrigation is required. 6I in the High Plans and intermount an areas of the West where rainfall is sparse and erratic of where irrigation. In required corn is to precede another rotational crop. 7I In western Minnesota and eastern parts of the Dakotas. Nebraska, and Naciss do not plant soybeans following corn treated with SIMAZINE 4L if more than 2 Qts. of SIMAZINE 4L per acre for quivalent rate in a bandly was applied as injury may occur. 8) Do not plant surjar bests, tobarco, vegetables including dry beanst, spring seeded small grains for small secded legimes and grasses, the year after SIMAZINE 4L. Application as injury may occur.

SIMAZINE 4L Plus ATRAZINE 4L Tank-Mix Combination for Weed Control in Corn

The tank mix combination of SIMAZINE 4L plus ATRAZINE 4L may be applied either before, during or after planting coin but before weeds emerge to control early germinating annual weeds and tate competing grasses. One application will control most annual broadleaf and grass weeds including fall pancum crabgrass, barnyardgrass, foxtal, velvetleaf, arpetweed morninggrory ranibsquarters pigweed and

Preplant Application: Apply the tank mixture as a broadcast treatment in the spring after plowing either before, during, or after final-service/preparation. If soil is to either, crised after application avoid deep incorporation of SIMAZINE 4L bus ATRAZINE 4L. Best results will be foblamed when the tank mix is applied within two weeks before planting.

Preemergence Application. Apply the tank mixture during of shortly after planting but prior to crop and weed

	Preplant and pie Pricast rates in 10 40	nlergence broad nas of water
Soil	SIMAZINE 4L	ATRAZINE 4t
Coarse confused soil sand, loams sand, sandy loam	1 Ot	1 Q1
Medium textured soil sit loam and clay loam low in organic matter	1 2 Qt	1 2 Q1
Fine textured soil sift loam and clay loam with med um to high organic matter and clay fincluding dark practic soils of the Corn Bett)	1 5 Qt	1.5 Qt

SUGARCANE: Apply 2.4 Ots, per acre at planting or after harvest if ratioon crop is to be grown, but before weekle or sugarcane emerge. Sitta arising if weeds or sugarcane emerge. SIMAZINE 4L may also be applied interline directed or over the sugarcane to provide continuing control of germinating weeds

PRECAUTIONS: 1I Do not apply more than one 2.4 Qts: application over the plants or more than two interfine directed applications. 2I Do not apply after close in 1.31 Total application should not exceed 10 Qts. per acre crop cycle.

NOTE: Do not feed or graze treated forage to Eyestour

GRASSES GROWN FOR SEED (Pecific Northwest only): Perennial ryegrass. Highland or Astona Bentgrasses, orchardgrass, tall Fescue and fine fescues such as Illahee. Ranier. Pennlawn, Chewings and related species. For the control of broadland weeds and annual grasses including annual ryegrass, rattal fescue silver hairgrass, and downy brone (cheet), apply 2 Qts. of SIMAZINE 4L in a minimum of 15 qals. of water per acre as soon as fall rans start. Early application is important.

PRECAUTION: Apply only to grasses from which at least one seed crop has been cut

NOTE: Allow 30 days between last application and grazing of dairy and beef cattle and sheep, and allow 60 days between the last application and cutting of hay

NURSERIES, CHRISTMAS TREE PLANTINGS, SHELTER BELTS

NURSERIES (See list below): Apply 2. Citis (not cast 25 gain, water per acroin fail or spring at least our

CHRISTMAS TREE PLANTING AND SHELTER BELTS (See list below). Remove weed growth before application. Apply 2.4 Cts. in a least 25 gais of water per acre after transplanting. Use the same rate for an must maintenance applications.

For quackgrass control apply 4525, jet a control apply as pit apply abunch 20ts, per acre in the factors 20ts, per acre is early only of the gas kigness begins growth.

ok abforma. Oregi i i er siske et mogt iz i kollot ingilijit. Ohristri as trees ozishe terbelts sooner than one yeor

PRECAUTIONS: 1: Do lot use SIMAZ NE 41 or selections or lotting beds: 2: Do not apply to Christmas tree or sheeter tieft transplants firsy than three year. If use 3: Do not apply more than once it year, except as described in a control of the con directed for quackgrass correct

Apply SIMAZINE 4L to themes species of trees are consults, as the on her ded above

American elm Austrian pine arborvitue bulsum fir burberry blue spruce	tioxelder bush troneysuckie- aragana rotoneaster dogwood Douglas fir	honey focust jumper Mugho pine Norway struce Oregon grape (Mahonia spp.) red cedar	S. oft hipine. Siberian emi- Fraser fin hemiock red spruce. Russian olive.	red o ik red prine (Norway pine) white cedar white pine white spruce yew (Taxus spp.)
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TURF GRASSES FOR SOD

St. Augustine, Centipede, and Zoysia Grass: Apply 2.4 Qts. per acre according to soil texture as in

Muck or Peat	4 Ots Old beds, within 2 days after lifting of sod	
	New beds 3 4 days after sprigging or plugging	+
S. 'v sod	2 Qts Old beds within 2 days after lifting of sod	1
	New beds 7 10 days after sprigging or plugging	7

Apply an additional 2 Qts. on muck or peat, or 1 Qt. 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

VEGETABLE CROPS

ASPARAGUS (Established). Apply 2.4 Qts. 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 int he field as injury.

ARTICHOKES Apply 2.4 Ots per acre as 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

Do not use this product for nonselective weed control on land to be cropped, near adjacent desirable trees, shrubs, or plants, or in greenhouses, as injury may occur

Best results are obtained when SIMAZINE 4L 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 4L can be used to provide long term weed control on industrial sites, highway medians and shoulders, railroad rights of-way lumber yards, petrilleum tank farms, and in noncrop areas on farms, such as around buildings, equipment and fuel storage areas, along ferices, roadsides, and lanes. Aerial applications may be made where it is feasible.

Use at least 1 gall of water for each 25.5 Oz. of SIMAZINE 4L, use more water if practical for both ground and arrial applications

To control annual broadleaf and grass weeds fincluding barnyardgrass, cheat rabgrass, lambsquarters foxfail, ragweed, puncturevine, and turkey mullein) apply 4-8-10 Qts, ber acre.

To control most annual and many perernial broadleaf or digrass words uncouding quarkgrass, bluegrass redtop, burdock, Canada thistle, orchardgrass, purpletop, smooth brome, do ifencel, and plantami apply

To control bard to kill perennial weeds (including builthistie and sowthistle) april, 5 gallons per acre

For longer residual control in regions of high rainfall and long growing season of phy 5-10 gallons per acre

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 their intro-of the seller. Briver assumes all risks of use storage or handling of this material not in strict accordance is the directions given hereis the

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PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

Harmful if swallowed, inhaled or absorbed through the skin. Do not get in eyes or on skin. Do not breathe spray mist. Wash thoroughly after handling. If swallowed, induce vomiting. Get medical attention. If inhaled, contact your nearest Poison Control Center. If on skin, remove by washing. Get medical attention if irritation persists. If in eyes, flush with plenty of water. Get medical attention if irritation persists.

ENVIRONMENTAL HAZARDS

Keep out of lakes, streams or ponds. Do not contaminate water by cleaning of equipment, or disposal of wastes

GENERAL INFORMATION

SIMAZINE 4L 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 as 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 4L enters weeds mainly through their roots, rainfall or irrigation is needed to move it into the root-zone. Very dry soil conditions and tack of rainfall following application may necessitate shallow

SIMAZINE 4L controls most annual broadleaf and grass weeds such as,

Amaranths **Annual Bluegrass** Annual Morningglory Annual Ryegrass Barnyardgrass (Watergrass) Carelessweed Carpetweed Common Chickweed

Crabgrass (Digitaria spp I Downey Brome (Cheat) Flora's Paintbrush Florida Pusiev **Foxtails** Goosegrass Junglerice Lambsquarters

Mustard Nightshade Pigweed Prickley Lettuce Purslane Ragweed Rattail Fescue Russian Thistle Shepherdspurse

Shieldscress Silver Hairgrass Smartweed Spanish Needles Tansymustard Wild Oats Wiregrass Witchgrass

SIMAZINE 4L is non-corrosive to equipment, non-flammable, and has low electrical conductivity.

SIMAZINE 4L is a flowable formulation to be mixed with water and applied as a spray. Add SIMAZINE 4L to 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 we'l 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 hydraufic agitation is used, the pump should also provide sufficient agization in the tank to keep the mixture in suspension.

Wash sprayer thoroughly with clean water immediately after use

Aerial Application: Use serial 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 abdication tirectly to animals or humans. Although it is unnecessary for flagmen or loaders to wear pretective clothing or equipment, care should be taken to avoid inhalation of dust or spray mist, or contact with skin. Flagmen and leaders should wash thoroughly before eating and at the end of each day's opera

Wash sprayer thoroughly with clean water immediately after use

DIRECTIONS FOR USE

it is a violation of Federil law to use this product in a manner inconsistent with its label ϵ_{ij}

*** STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open demping is prohibited. Do not reuse empty container. Perticide, spray mixture or rinsate that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies. CONTAINER DISPOSAL: Triple rinse for equivalent) and dispose in all incinerator or landfill approved for pesticide containers, or bury in a safe place. Consult Federal, State or Local Disposal Authorities for enuroved atternate procedures such as limited open burning.

Do not apply when weather conditions favor drift from areas treated

Apply this product only as specified on this label

Add SIMAZINE 4L directly to the spray tank partially filled with clear water, add any tank mix ingredients and then add remainder of water and provide constant agitation during mixing to keep mixture in suspension. Agitation should not be so violent as to cause air bubbles to form

For ground application where the amount of water is not specified, apply SIMAZINE 4L in 20-40 gals, of water per acre

For Aerial application, use a minimum of one gal. of water for each 1 Qt of SIMAZINE 4L per acre, unless specified differently

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, oxcept as noted otherwise. Recommended rates are based on broadcast treatment, for band applications or spot applications around trees in fruit or ni. "lantings, reduce the broadcast rate of SIMAZINE 4L and water per acre in proportion to the area actually sprayed.

APPLES, PEARS, SOUR CHERRIES: Apply 2 1 Cits. per acre

AVOCADOS: California only. Apply 2.4 Ots. per acre after final preparation of grove. PRECAUTION: Do. not apply to sandy soil

BLUEBERRIES AND CANEBERRIES (blackberries, boysenberries, loganberries, raspberries): Apply 2.4 Qts. per acre in the spring or apply a split application of 2 Qts. per acre in the spring plus 2 Qts. per acre in the fall. Apply in a minimum of 40 gals. of water per acre. On plantings less than 6 months old use >, the above rate.

To control quackgrass, apply 4 Qts. per acre in the fall or split the application applying 2 Qts. per acre in the hall plus 2 Ots. per acre in the spring, when quackgraus is actively growing. NOTE: Do not apply when fruit is pres. nt.

CRANBERRIES: Massachusetts: Apply up to 4 Qts. per acre either before spring growth begins or in the $t_{\rm dd}$ after harvest. Other areas: Apply 2 Qts. per acre before spring growth begins. FILBERTS: (Oregon and Washington only) Apply 2-4 Qts. per acre in the fall or apply a split application of 2

Ots per acre in the fall plus 2 Ots, per acre in the spring. PRECAUTION: 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 2-4 8 Ots iper 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: April application of 1.6

California: Apply 2-4 Qts. per acre. Do not use in the Imp., Coachella, or f. /creas Valleys. Florida (Grapefruit and Oranges only): Apply 6-4-9.6 Qts. per acre in the spring. Texas (Grapefruit and Oranges only): Apply 6-4-9.6 Qts. per acre in the spring. Texas (Grapefruit and Oranges only): Apply 6-4-8 Qts. Per acre in the spring. Texas (Grapefruit and Oranges only): Apply 4-4-8 Qts. PRECAUTIONS (All areas): 1) Do not use in nurseries. 2) Do not apply to bedded grapefruit, femons 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 2-4 Ots. 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

OLIVES. Apply 2-4 Qts. per acre following grove preparation in the fall. Repeat annually in midwinter.

PEACHES, PLUMS, SWEET CHERRIES: Apply 2-4 Qts. 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 Ark., La., Mo., Okla., Tex. and the states east of the Miss. River. 3) Plums and sweet cherries use only in Mo. and states east of the Miss. River except Tenn.

WALNUTS: Apply 2-4 Ots. 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

SIMAZINE 4L plus Paraguat CL Tank Mix Combination For Weed Control in Apples, Periors and Per

SIMAZINE 4L plus Paraquat CL tank mix combinations is effective in apple, peach, and pear orchards for kill of existing vegetation and for residual control of the annual broadleaf and grass weeds 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 50-200 gals, of water per acre to the orchard floor avoiding contact with fruit, foliage or stems. Apply when the weeds and grasses are succulent and the new growth is from 1.6 inches tall.

Since SIMAZINE enters weeds mainly through their roots, rainfall or irrigation is needed to move it into the

Crop !	Broadcast* SIMAZINE 4L	Rate Per Acre Paraquet CL
Apples Pears	2 4 Ots.	1-2 Ots.
Peaches**	1.6-4 Qts.	1-2 Qts.

^{*\$}c. bend applications or scot applications around trees, reduce the broadcast rate and the amount of water in pro-scotion to the area actually sprayed.

In the table above, use the few rate on coarse featured soft and low organic matter soft. Use the high rate on fine featured soft and organic matter soft.

PRECAUTIONS 1: Make only one application per year 2) Make applications only in orchards or groves where trees have been established one year or more. 3) Do not spray under windy conditions and use a shield

Note. Du not allow animals to graze treatest areas

HEST DOCUMENT AVAILABLE

^{**}Do not apply to peaches on sandy or gravely so I. Use on peaches only in Arkansas, Louislana, Missouri, Okta hone. Texas and states east of the Mississippi River.

DPS: Apply the spray to the orchard or vineyard floor avoiding contact with fruit, pps: Apply the spray to the orchard or vineyald floor avoiding contact with fruit, application only to orchards or groves where trees have been established one year or polication per year, except as noted otherwise. Recommended rate are based on board applications or spot applications around trees in fruit or nut plant ags, reduce MAZINE 4L and water per acre in proportion to the area actually sprayed.

IR CHERRIES: Apply 2-4 Qts. per acre.

only: Apply 24 Qts. per acre after final preparation of grove. PRECAUTION: Do

ANEBERRIES (blackberries, boysenberries, loganberries, raspberries): Apply and or apply a split application of 2 Qts. per acre in the spring plus 2 Qts. per acre in or 40 gals. of water per acre. months old use 1/2 the above rate

apply 4 Ots. per acre in the fall or split the application applying 2 Ots, per acre in the n the spring, when quackgrass is actively growing. In fruit is present.

achusetts; Apply up to 4 Qts. per acre either before spring growth begins or in the creas; Apply 2 Qts. per acre before spring growth begins

a Washington only! Apply 2-4 Qts. per acre in the fall or apply a split application of 2 plus 2 Qts. per acre in the spring.

s are planted on a hillside, excessive soil erosion may result from the elimination of

 sandy soil. en nuts are on the ground during the harvest period.

Ots, per acre any time between harvest and early spring

e in vineyards established less than three years.

VS. ORANGES: Arizona (Lemons and Oranges only: Apphir a split application of 1.6 p. a plus 1.6 Ots. per acre in the fig. 2 plus 1.6 Ots. per acre. Do not use in the Implication Coachella, or F. Jerdes Valleys. Uranges only! Apply 6.4-9.6 Ots. per acre in the spring. Langes only! Apply 4-4.8 Ots. per acre in the spring. Langes only! Apply 4-4.8 Ots. per acre in the spring. Langes only! Apply 4-4.8 Ots. per acre in the spring. Langes only! Apply 4-4.8 Ots. per acre in the spring. Langes only! Apply 4-4.8 Ots. per acre in the spring. Langes only! Apply 4-4.8 Ots. per acre in the spring. Langes only! Apply 6.4-9.6 Ots. per acre in the spring. Langes only! Apply 6.4-9.6 Ots. per acre in the spring. Langes only! Apply 6.4-9.6 Ots. per acre in the spring. Langes only! Apply 6.4-9.6 Ots. per acre in the spring. Langes only! Apply 6.4-9.6 Ots. per acre in the spring. Langes only! Apply 6.4-9.6 Ots. per acre in the spring. Langes only! Apply 6.4-9.6 Ots. per acre in the spring. Langes only! Apply 6.4-9.6 Ots. per acre in the spring. Langes only! Apply 6.4-9.6 Ots. per acre in the spring. Langes only! Apply 6.4-9.6 Ots. per acre in the spring. Langes only! Apply 6.4-9.6 Ots. per acre in the spring. Langes only! Apply 6.4-9.6 Ots. per acre in the spring. Langes only! Apply 6.4-9.6 Ots. per acre in the spring. Langes only! Apply 6.4-9.6 Ots. per acre in the spring. Langes only! Apply 6.4-9.6 Ots. per acre in the spring. Langes only! Apply 6.4-9.6 Ots. per acre in the spring. Langes only! Apply 6.4-9.6 Ots. per acre in the spring. Langes only! Apply 6.4-9.6 Ots. per acre in the spring. Langes only! Apply 6.4-9.6 Ots. per acre in the spring. Per acr

Apply 2-4 Qts. in 50 gals, of water per acre before harvest and just prior to weed cation as necessary. Do not apply when nuts are on the ground during the harvest

per acre following grove preparation in the fall. Repeat annually in midwinter.

VEET CHERRIES: Apply 2-4 Qts. per acre. Apply in late fall to early spring prior to

or apply to sandy or gravely soil, 2) Peaches luse only in Ark., i.a., Mo., Okla, of the Miss. River, 3) Plums and sweet chemiss luse only in Mo. and states east of

not apply to sandy soil. 2) Leveling and furrowing operations after application will need control. en nuts are on the ground

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the following table as a tank mix in 50-200 gals, of water per acre to the orchard th fruit, follage or stems. Apply when the weeds and grasses are succulent and the

- eds mainly through their roots, rainfall or irrigation is needed to move if into the

	Broadcast* SIMAZINE 4L	Rate Per Acre Perequat CL
	2-4 Qts	1 2 Qts
	1,6-4 Ots	1 2 Ots
spot applications	around frees, reduce the broadca	strate and the amount of water in p

is on sundy or gravery sof. Use on peaches only in Arkansae, Louis and IM ssouri. Onto, Least of the Massasippi River.

low rate on coarse-textured soil and low organic matter soil. Use the high rate on inic matter so.l.

. willy one application per year. 2) Make applications only in orchards or grines. Tolished one year or more. 3) Do not spray under windy conditions and use a shield.

to graze treated areas

SIMAZINE4

FLOWABLE HERBICIDE

ACTIVE INGREDIENT:

Simazine (2-Chloro-4, 6-bis (ethylamino)-s-triazine . . 42.8% INERT INGREDIENTS: 57.2%

ACCEPTED

FEB 26 1980

Under the Federal Insecticide. Fungicide, and Rodonticide Act. as amended, for the pesticide

KEEP OUT OF REACH OF CHILDREN

STATEMENT OF PRACTICAL TREATMENT

If swallowed, drink 1 or 2 glasses of water. Induce vomiting, by placing finger in back of throat. Call a Physician. Never give anything by mouth to an unconscious person.

If inhaled, remove victirn to fresh air. If not breathing, give aritificial respiration, preferably mouth to mouth. Get medical attention.

If on skin, remove by washing.

If in eyes, flush with plenty of water. Get medical attention if irritation persists.

See Side Panel For Additional Precautionary Statements.

GRIFFIN CORPORATION

VALDOSTA, GEORGIA 31601 NET CONTENTS 2½ gallons

> F P A Reg. No 1812 250 E.P.A. Est. No. 1812 GA-3



CORN Natiogen solutions or complete liquid fertilizers may SIMAZINE 4L. On not apply after corn has emerged as there is Fre emergence. Apply before weeds and corn emerge, use the

Apply in the spring after blowing at the appropriate rate in the seeded propagation. It soil is taled or worked after applican in Best insults will be obtained when SIMAZINE 4L is applied a

NOTE Under dry weather conditions preplant applications

Soil Texture

Coarse textured soil. Sand, silt, and toam that is low in organic matter

Medium textured soil

Soil containing a moderate amount of clay and organic in

Fine-tentured soil

Loam that is high in organic matter and clay (including dark prairie soils of Corn Belt)

Organic soil that mark and high-Liganic clay

To chritrol quackgrass. Apply 3.4 Qts. per acre in the fall, Play, blem, delay plowing until spring. Oo not plant any crop except graze treated area.

NOTE: if weeds develop, particularly under relatively dry condiin better weed control

PRECAUTIONS 1) Do not apply more than 4 Ots. of SIMAZIN with SIMAZINE 4L should not be planted to any crop except on 3) After harvest of a treated crop, plow and thoroughly of ci): 3) After navest or a treated crop, plow and indudginy injury to spring seeded rotational crops, regardless of the rate used per acre for equivalent rate in a band), a crop of unitreated 5) Do not apply SIMAZINE 4L preplant incorporated in coming West (including central and western Kansas, western Nebrasi Texas) where rainfall is sparse and erratic or where irrigation is tain areas of the West where rainfall is sparse and ematic or wi control weeds in corn only when corn is to follow com, or a rotational crop. 7) In western Minnesota and eastern pans of plant soybeans following corn treated with SIMAZINE 4L if mit quivalent rate in a band) was applied as injury may occur 8) 0 including dry beans), spring seeded small grans or small IMAZINE 4L application as injury may occur

SIMAZINE 4L Plus ATRAZINE 4L Tank-Control in Corn

The tank-mix combination of SIMAZINE 4L plus ATRAZINE aplanting corn but before weeds emerge to control early gengrasses. One application will control most annual broad crabgrass, barnyardgrass, foxtail, velvetleaf, carpetweed in

Preplant Application. Apply the tank mixture as a broadcast before, during, or after final secobod preparation if soil is to poration of SIMAZINE 4L flux ATRAZINE 4L. Best result within two weeks before planting

Preemergence Application Apply the tank mixture during of emergence

Coarse textured soil sand, loamy sand, sandy loam

Medium textured soil silt loam and clay loam low

in organic matter

Fine textured soil sut toam and clay toam with medium to high organic matter and clay findluding dark prairie soils of the Corn Belt)

SUGARCANE: Apply 2-4 Ots. per acre ut planting or after harwweeds or sugarcane emerge. SIMAZINE 4L may also be applied provide continuiting control of germinating weeds.

PRECAUTIONS: 1) Do not apply more than one 2-4 Qts. applications. 2) Do not apply after "close # " Qts. per acre crop cycle.

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

GRASSES GROWN FOR SEED (Pacific Northwest only) GRASSES GROWN FUN SEED (Pacific monthwest single) transfer orchardgrass, tall Fescue and fine fescues such as likely species. For the control of broadleaf weeds and annual grasse silver hairgrass, and downy brome tcheatl, apply 2 Ots. of SIMA per acre as soon as fall rains start. Early application is important.

PRECAUTION Apply only to grasses from which at least on NOTE: Allow 30 days between last application and grazing of days between the last application and cutting of hay-

MAN DE COMME ELEMENT