RESTRICTED USE PESTICIDE

Department of Agriculture
STATE OF HAWAII

LICENSED

PERIOD 2015-2017 LIC. NO.

9181.28

Drexel®

Department of Agriculture
STATE OF HAWAII

LICENSED

PERIOD 2012-2014 LIC. NO.

Simazine 4L

Herbicide

GROUP 5 HERBICIDE

Pre-emergence control of many annual Broadleaf weeds and Grasses in agricultural and ornamental crops.

ACTIVE INGREDIENT:

Simazine	42.1%
OTHER INGREDIENTS:	57.9%
TOTAL:	100.0%

This product contains 4 pounds of Simazine per gallon.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See FIRST AID Below

SHAKE WELL BEFORE USING

EPA Reg. No. 19713-60
EPA Est. No. 19713-MS-001 **Net Content: 2.5 Gal.**

FIRST AID

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

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

IF SWALLOWED:
- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious or convulsing person.

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

PRECAUTIONARY STATEMENTS

Hazards To Humans And Domestic Animals

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

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are made of barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride or viton. If you want more options, follow the instructions for category C on an EPA chemical-resistance category selection chart. *(Continued)*

PRECAUTIONARY STATEMENTS *(Cont'd.)*

All mixers, loaders, applicators and other handlers must wear: Long-sleeved shirt and long pants, shoes plus socks, and chemical-resistant gloves.

All pilots, flaggers, and groundboom applicators must wear: In addition, groundboom applicators must also wear chemical-resistant gloves.

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

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

ENGINEERING CONTROLS

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

USER SAFETY RECOMMENDATIONS

Users should: 1) Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. 2) Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. 3) 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 can travel (seep or leach) through soil and can enter ground water which may be used as drinking water. Simazine has been found in ground water. Users are advised not to apply simazine to sand and loamy sand soils where the water table (ground water) is close to the surface and where these soils are very permeable; i.e., well-drained. Your local agricultural agencies can provide further information on the type of soil in your area and the location of ground water.

This pesticide is toxic to aquatic invertebrates. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Runoff and drift from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwater.

Product must not be mixed or loaded within 50 feet of intermittent streams and rivers, natural or impounded lakes and reservoirs. Product must not be applied within 66 feet of points where field surface water runoff enters perennial or intermittent streams and rivers or within 200 feet of natural or impounded lakes and reservoirs. If this product is applied to highly erodible land, the 66-foot buffer or setback from runoff entry points must be planted to crop, or seeded with grass or other suitable crop.

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

AUG 3 2011

Product must not be mixed or loaded, or used within 50 feet of all wells, including abandoned wells, drainage wells, and sink holes. Operations that involve mixing, loading, rinsing, or washing of this product into or from pesticide handling or application equipment or containers within 50 feet of any well are prohibited, unless conducted on an impervious pad constructed to withstand the weight of the heaviest load that may be positioned on or moved across the pad. Such a pad shall be designed and maintained to contain any product spills or equipment leaks, container or equipment rinse or washwater, and rain water that may fall on the pad. Surface water shall not be allowed to either flow over or from the pad which means the pad must be self-contained. The pad shall be sloped to facilitate material removal. An unroofed pad shall be of sufficient capacity to contain at a minimum of 110% of the capacity of the largest pesticide container or application equipment on the pad. A pad that is covered by a roof of sufficient size to completely exclude precipitation from contact with the pad shall have a minimum containment of 100% of the capacity of the largest pesticide container or application equipment on the pad. Containment capacities as described above shall be maintained at all times. The above-specified minimum containment capacities do not apply to vehicles when delivering pesticide to the mixing/loading sites.

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

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

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

DIRECTIONS FOR USE

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

ANY USE OF THIS PRODUCT IN AN AREA WHERE USE IS PROHIBITED IS A VIOLATION OF FEDERAL LAW.

Before using this product, you must consult the Simazine Watershed Information Center (SWIC) to determine whether the use of this product is prohibited in your watershed. SWIC can be accessed through www.simazine-watershed.info or 1-888-365-2874. If the SWIC indicates that use of this product is prohibited in your watershed, you may return this product to your point of purchase or contact Drexel Chemical Company for a refund.

Failure to follow the *"DIRECTIONS FOR USE"* and *"USE PRECAUTIONS AND RESTRICTIONS"* on this label may result in crop injury, poor weed control and/or illegal residues. 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. 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 (WPS), 40 CFR Part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted entry interval (REI). The requirements in this box only apply to uses of this product that are covered by the WPS.

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

Exception: If the product is soil-injected or soil-incorporated, the WPS, 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 WPS and that involves contact with anything that has been treated, such as plants, soil or water is: Coveralls, shoes plus socks, and chemical-resistant gloves made of any waterproof material.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the WPS 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 or allow others (including children or pets) to enter treated areas until sprays have dried.

CHEMIGATION

Apply SIMAZINE 4L only through sprinkler, including center pivot, lateral move, end tow, side [wheel] roll, traveler, big gun, solid set, hand move or microsprinkler irrigation systems. Do not apply this product through any other type of irrigation system. Crop injury, lack of effectiveness or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.

If you have questions about calibration, you should contact your 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.

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.

Information regarding agitation, time of pesticide application during water application and mixing instructions is included in Sprinkler Chemigation statements.

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.

PRE-EMERGENCE OR POST-EMERGENCE: Apply this product alone or in tank mixtures with other herbicides on this label which are registered for center pivot application with irrigation water. Apply either after planting, before crop and weeds emerge, or after crop emergence, but before lay-by (20 to 30 inches) and before weeds exceed 12 inches in height. Apply at rates specified on this label. Prepare mixture with minimum of 1 part water to 1 part product. Injecting a larger volume of a more dilute slurry per hour will assure more accurate calibration of metering equipment. Maintain sufficient agitation to keep herbicide in suspension. Meter slurry into irrigation water during entire period. Apply in 0.5 to 1 inch of water. Use the lower water volume on Coarser textured soils, the higher volume on Finer textured soils. More than 1 inch of water may reduce weed control by moving herbicide below the effective zone in the soil. Inject dilute slurry into system through positive displacement pump.

USE PRECAUTIONS:

1. Apply only through irrigation systems containing anti-siphon and check valves to prevent contamination of well during shutdown and overflow of solution.
2. Inject ahead of any right angle turn in the main line to ensure adequate mixing.
3. Chemical injection pumps and water pumps must have interlocking controls to ensure simultaneous shutoff.
4. Application when drift may occur from windy conditions, when system joints and connections are leaking or when nozzles are not providing uniform distribution may cause crop injury.
5. Where sprinkler distribution patterns do not overlap sufficiently, unacceptable weed control may result. Where sprinkler distribution patterns overlap excessively, crop injury may result.

USE INFORMATION

IMPORTANT: Read the entire "*DIRECTIONS FOR USE*" and the "*WARRANTY—CONDITIONS OF SALE*" before using this product.

This product 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 and ornamental crops. Where a range of application rates is given, use the lower rate on Coarser textured soil and soil lower in organic matter; use the higher rate on Finer textured soil and soil higher in organic matter.

To avoid spray drift, do not apply under windy conditions. Avoid spray overlap as crop injury may result.

This product enters weeds mainly through their roots; moisture is needed to move it into the root zone. Very dry soil conditions and lack of rainfall following application may necessitate shallow cultivation or rotary hoeing.

This product is non-corrosive to equipment and nonflammable.

This product is a Group 5 Herbicide. Following many years of continuous use of this product and chemically related products, biotypes of some of the weeds listed on this label have been reported which cannot be effectively controlled by this and related herbicides. Where this is known or suspected and weeds controlled by this product are expected to be present along with resistant biotypes, we recommend the use of this product in registered combinations or in sequence with other registered herbicides which are not triazines. If only resistant biotypes are expected to be present, use a registered herbicide which is not solely a Group 5 Herbicide. Where this is known or suspected and weeds controlled by this product are expected to be present along with resistant biotypes, we recommend the use of this product in registered combinations or in sequence with other registered herbicides which are not triazines. Consult with your State Agricultural Extension Service for specific recommendations.

Annual Weeds Controlled	
Alyssum	Fiddleneck
Annual bluegrass	Filaree
Annual morningglory	Fireweed
Annual ryegrass	Fivehook bassia
Barnyardgrass (Watergrass)	Flora's paintbrush
Burclover	Florida pusley
Carelessweed	Foxtails
Carpetweed	Goosegrass
Common chickweed	Groundsel
Crabgrass (*Digitaria* spp.)	Henbit
Downy brome (Cheatgrass)	Junglerice
Fall panicum	Knawel (German moss)

(Continued)

Annual Weeds Controlled	
Common lambsquarters	Shepherdspurse
Nightshade	Signalgrass (*Brachiaria* spp.)
Pepperweed	Silver hairgrass
Pigweed	Smartweed
Pineappleweed	Spanishneedles
Prickly lettuce	Speedwell
Common purslane	Tansymustard
Ragweed	Wild mustard
Rattail fescue	Wild oats
Redmaids	Witchgrass
Russian thistle	Yellowflower pepperweed

APPLICATION PROCEDURES

GROUND APPLICATION: Use conventional ground sprayers equipped with nozzles that provide accurate and uniform application. Be certain that nozzles are uniformly spaced and the same size. Calibrate sprayer before use and recalibrate at the start of each season and when changing carriers. Unless otherwise specified, use a minimum of 20 gallons of spray mixture per acre.

Use a pump with capacity to: 1) maintain 15 to 45 psi at nozzles, 2) provide sufficient agitation in tank to keep mixture in suspension, and 3) to provide a minimum of 20% bypass at all times. Use centrifugal pumps which provide propeller shear action for dispersing and mixing this product. The pump should provide a minimum of 10 gallons per minute per 100 gallon tank size circulated through a correctly positioned sparger tube or jets.

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

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

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

AERIAL APPLICATION: Aerial application is prohibited.

SPRAY DRIFT MANAGEMENT

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

Wind Speed

Do not apply at wind speeds greater than 10 mph.

Droplet Size

Apply as a coarse spray (ASAE standard 572).

Release Height

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

MIXING PROCEDURES

All Uses: 1) Be sure sprayer is clean and not contaminated with any other materials, or crop injury or sprayer clogging may result. 2) Fill tank one-fourth full with clean water, nitrogen solution or complete fluid fertilizer. 3) Start agitation. 4) Be certain that the agitation system is working properly and creates a rippling or rolling action on the liquid surface. 5) If any dry herbicides are being tank-mixed, add them to the tank and allow them to become thoroughly suspended. 6) Then pour this product directly from jug into tank. 7) Continue filling tank until 90% full. Increase agitation if necessary to maintain surface action. 8) Add other liquid tank mix herbicide(s) after this product is thoroughly suspended. 9) Finish filling tank. Maintain agitation to avoid separation of materials. 10) Empty tank as completely as possible before refilling to prevent buildup of emulsifiable concentrate residue from possible tank mix herbicides. 11) If an emulsifiable concentrate film starts to build up in tank, drain it and clean with strong detergent solution or solvent. 12) Clean sprayer thoroughly immediately after use by flushing system with water containing a detergent.

Compatibility test: To determine the tank mix compatibility of this product with liquid fertilizer, crop oil, spreaders, or other recommended pesticides, use this test method. Nitrogen solutions or complete fluid fertilizers may replace all or part of the water in the spray in Corn. Since liquid fertilizers can vary, even within the same analysis, check compatibility each time before use. Be especially careful when using **complete** suspension or fluid fertilizers as serious compatibility problems are more apt to occur. Commercial application equipment may improve compati-

bility in some instances. Check compatibility using this procedure:

1. Add 1 pint of fertilizer to each of 2 one-quart glass jars with tight lids.
2. To one of the jars, add one-fourth teaspoon of a compatibility agent approved for this use (one-fourth teaspoon is equivalent to 2 pints per 100 gallons of spray). Cap and shake until mixed. Examples of compatibility agents include Compex®, MIX™, and Unite®.
3. To both jars, add the appropriate amount of herbicide(s). If more than one herbicide is used, add them separately with dry herbicides first, flowables next, and emulsifiable concentrates last. After each addition, cap and shake until thoroughly mixed. The appropriate amount of herbicides for this test follows (assuming a spray volume of 25 gallons per acre):
   Dry herbicides: For each pound per acre, add 1.5 teaspoons to each jar. Fluff up wettable powder products before measuring.
   Liquid Herbicides: For each pint per acre, add one-half teaspoon to each jar.
   For a spray volume other than 25 gallons per acre, change the teaspoons added to each jar as follows:
   $$\frac{\text{25 gallons x number of teaspoons given above}}{\text{desired gallons of spray volume per acre}} = \text{teaspoons to add to each jar}$$
4. After adding all ingredients, put lids on and tighten. Shake jars vigorously one minute. Let the mixtures stand 15 minutes and then look for separation, large flakes, precipitates, grease, gels, medium to heavy oily film on the jar, or other signs of incompatibility. Determine if the compatibility agent is needed in the spray mixture by comparing the two jars. If either mixture separates, but can be remixed readily, the mixture can probably be sprayed as long as good agitation is used.
   If the mixtures are incompatible, test the following methods of improving compatibility: A) Slurry the dry herbicide(s) in water before addition, or B) Add one-half of the compatibility agent to the fertilizer and the other one-half to the emulsifiable concentrate or flowable herbicide before addition to the mixture. If still incompatible, do not use the materials mixed in the same spray tank.

PERENNIAL CROP REPLANTING

To avoid crop injury, observe the following precaution: If replanting perennial crops, do not apply this product in the year preceding planting these crops.

FRUIT AND NUT CROPS

Apply the spray to the orchard or vineyard floor, avoiding contact with fruit, foliage or stems. Specified rates are based on broadcast treatment. For band applications or spot applications around trees in Fruit or Nut plantings, reduce the broadcast rate of this product and water per acre in proportion to the area actually sprayed.

Use Precautions And Restrictions (All Fruit and Nut crops)–To avoid crop injury: 1) Apply only to orchards or groves where trees have been established 12 months or more, unless specified differently. 2) Make only one application per year, except as noted otherwise. 3) Do not use on Gravelly, Sand or Loamy sand soil. 4) Immediately following application, limit overhead sprinkler irrigation to one-half inch.

ALMONDS, PEACHES, NECTARINES (CA Only)

1 to 2 quarts of this product per treated acre must be applied in a 2-to 4-foot band on each side of the tree row. Apply before weeds emerge in late Fall or early Winter. Weeds controlled by 1 quart of this product include Burclover, Common chickweed, Shepherdspurse and Wild mustard.

Use Precautions And Restrictions: 1) Do not apply more than 2 lbs. a.i. (2 qts. of this product) per treated acre per calendar year. 2) Do not apply more than once per calendar year. 3) Do not treat trees established in the grove less than 3 years. 4) Do not treat the Mission (Texas variety) variety of Almonds. 5) Do not apply to Almond trees propagated on Plum rootstocks. 6) Do not replant Almonds, Peaches or Nectarines in treated soil for 12 months after treatment. 7) Do not apply on soil with less than 1% organic matter. 8) Do not treat trees where water will accumulate.

APPLES, PEARS, TART CHERRIES

Apply 2 to 4 quarts of this product per acre.

Use Precautions and Restrictions: 1) Do not apply more than 4 lbs. a.i. (4 qts. of this product) per acre per calendar year. 2) Do not apply more than once per calendar year. 3) For Apples, the preharvest interval is 150 days.

AVOCADOS (CA and FL Only)

Apply 2 to 4 quarts of this product per acre after final preparation of grove.

Use Precautions and Restrictions: 1) Do not apply more than 4 lbs. a.i. (4 qts. of this product) per acre per calendar year. 2) Do not apply more than once per calendar year.

BLUEBERRIES, CANEBERRIES (Blackberries, Boysenberries, Loganberries, Raspberries)

Apply 2 to 4 quarts of this product per acre in the Spring or apply a split application of 2 quarts per acre in the Spring plus 2 quarts per acre in the Fall. Apply in a minimum of 40 gallons of water per acre. On plantings less than 6 months old, use one-half the above rates. To control Quackgrass, apply 4 quarts of this product per acre in the Fall or split the application, applying 2 quarts per acre in the Fall plus 2 quarts per acre in the Spring when Quackgrass is actively growing.

Use Precautions And Restrictions: 1) Do not apply when fruit is present or illegal residues may result. 2) Do not apply more than 4 lbs. a.i. (4 qts. of this product) per acre per calendar year. 3) Do not apply more than twice per calendar year.

CRANBERRIES

MA: Apply up to 4 quarts of this product per acre either before Spring growth begins or in the Fall after harvest.

Other Areas: Apply 2 quarts of this product per acre before Spring growth begins.

Use Precautions and Restrictions: 1) In MA, do not apply more than 4 lbs. a.i. (4 qts. of this product) per acre per calendar year. In other areas, do not apply more than 2 lbs. a.i. (2 qts. of this product) per calendar year. 2) Do not apply more than once per calendar year.

FILBERTS

Apply 2 to 4 quarts of this product per acre in the Fall or apply a split application of 2 quarts per acre in the Fall plus 2 quarts per acre in the Spring.

Use Precautions And Restrictions: 1) Do not apply more than 4 lbs. a.i. (4 qts. of this product) per acre per calendar year. 2) Do not apply more than twice per calendar year. 3) If trees are planted on a hillside, excessive soil erosion may result from the elimination of weeds. 4) Do not apply when Nuts are on the ground during the harvest period or illegal residue may result.

GRAPEFRUIT, LEMONS, ORANGES

AZ (Lemons and Oranges Only): Apply a split application of 1.6 quarts of this product per acre in the Spring plus 1.6 quarts per acre in the Fall.

Use Precautions and Restrictions: 1) Do not apply more than 1.6 lbs. a.i. (1.6 qts. of this product) per acre per application. 2) Do not apply more than 3.2 lbs. a.i. (3.2 qts. of this product) per acre per calendar year. 3) This product can be applied once during the Fall and once during the Spring.

CA: Apply 2 to 4 quarts of this product per acre in a single application or apply 2 quarts per acre in the Fall and 2 quarts per acre in the Spring.

Use Precautions And Restrictions: 1) Do not use in the Imperial, Coachella or Palo Verde Valleys or crop injury may occur. 2) Do not apply more than 4 lbs. a.i. (4 qts. of this product) per acre per calendar year. 3) Do not apply more than twice per calendar year.

FL (Grapefruit and Oranges Only): Broadcast up to 4 quarts of this product to weed-free soil during the Spring and/or once during the Fall to control weeds expected to emerge during these periods. Apply prior to emergence of weeds or after weeds emerged with a contact herbicide. Use precaution to keep the treatment off the foliage, fruit or trunk of Citrus trees.

Use Precautions and Restrictions: 1) Do not apply more than 4 lbs. a.i. (4 qts. of this product) per acre per application. 2) Do not apply more than 8 lbs. a.i. (8 qts. of this product) per acre per year. 3) This product can be applied once during the Fall and once during the Spring. For control of difficult species, such as Balsamapple vine and Spanish needles, and partial control of Honeyvine milkweed, apply no more than 8 quarts of this product per acre as a single application in the Spring as a 50% band application. The amount of this product applied per acre of field must not exceed 4 qts. of this product. Apply in the Spring growing season between January and April. Do not make a Fall application of this product if this treatment was used in the Spring. When emerged weeds are present, apply this product in tank mixture with a recommended contact herbicide. Follow all directions, precautions, limitations, etc. on the tank mix product.

TX (Grapefruit and Oranges Only): Apply 4 quarts of this product per acre.

Use Precautions and Restrictions: 1) Do not apply more than 4 lbs. a.i. (4 qts. of this product) per acre per application. 2) Do not apply more than twice per calendar year.

USE PRECAUTIONS AND RESTRICTIONS (ALL AREAS)–TO AVOID CROP INJURY: 1) Do not use in nurseries. 2) Do not apply to bedded Grapefruit, Lemons or Oranges (except for FL Grapefruit and Oranges). 3) Do not apply to trees under stress from freeze damage for one year

after the freeze. 4) Do not apply more than 4 lbs. a.i. (4 qts. of this product) per acre per year on grove planted trees 1 year old or less, or crop injury may result. **Note:** Dark-red grapefruit hybrids, e.g. "Star Ruby", have a higher risk of crop injury than non-dark-red types.

GRAPES

Apply 2 to 4 quarts of this product per acre any time between harvest and early Spring.

Use Precautions And Restrictions: 1) Do not use in vineyards established less than three years or crop injury may occur. 2) Do not apply more than 4 lbs. a.i. (4 qts. of this product) per acre per calendar year. 3) Do not apply more than once per calendar year.

MACADAMIA NUTS

Apply 2 to 4 quarts of this product in 50 gallons of water per acre before harvest and just prior to weed emergence. Repeat application as necessary.

Use Precautions And Restrictions: 1) Do not apply when Nuts are on the ground during the harvest period as illegal residues may result. 2) Do not apply more than 4 lbs. a.i. (4 qts. of this product) per acre per calendar year. 3) Do not apply more than once per calendar year.

OLIVES

Apply 2 to 4 quarts of this product per acre following grove preparation in the Fall. Repeat annually in mid-Winter.

Use Precautions and Restrictions: 1) Do not apply more than 4 lbs. a.i. (4 qts. of this product) per acre per calendar year. 2) Do not apply more than once per calendar year.

PEACHES, PLUMS, SWEET CHERRIES

Apply 1.6 to 4 quarts of this product per acre in late Fall to early Spring prior to weed emergence.

Use Precautions And Restrictions: 1) **Peaches** – Use only in AR, LA, MO, OK, TX and states East of the Mississippi River to avoid crop injury. For CA, see specific directions in the "*ALMONDS, PEACHES, NECTARINES (CA Only)*" section. Do not apply more than 4 lbs. a.i. (4 qts. of this product) per acre per calendar year. Do not apply more than once per calendar year. 2) **Plums and Sweet cherries** – Use only in MO and states East of the Mississippi River, except TN to avoid crop injury. Do not apply more than 4 lbs. a.i. (4 qts. of this product) per acre per calendar year. Do not apply more than once per calendar year.

PECANS

Apply 2 to 4 quarts of this product per acre before weeds emerge in the Spring.

Use Precautions And Restrictions: 1) Do not make applications to transplanted trees that have been established less than two years in the grove to avoid crop injury. 2) Do not apply when Nuts are on the ground or illegal residues may result. 3) Do not allow animals to graze treated areas. 4) Do not apply more than 4 lbs. a.i. (4 qts. of this product) per acre per calendar year. 5) Do not apply more than once per calendar year.

STRAWBERRIES (OR and WA Only)

For control of Chickweed, Groundsel, Mustard and Shepherdspurse, broadcast 1 quart of this product per acre. In fields where overhead irrigation is used to activate this product, apply after harvest at time of bed renovation. In fields where overhead irrigation is not available, apply during early October through November.

Use Precautions And Restrictions: 1) Do not apply more than 1 lb. a.i. (1 qt. of this product) per acre per calendar year. 2) Do not apply more than once per calendar year. 3) To avoid crop injury, make only one application per growing season. Do not apply within 4 months after transplanting.

WALNUTS

Apply 2 to 4 quarts of this product per acre. Leveling and furrowing operations after application will lessen effectiveness of weed control.

Use Precautions And Restrictions: 1) Do not apply when Nuts are on the ground or illegal residues may result. 2) Do not apply more than 4 lbs. a.i. (4 qts. of this product) per acre per calendar year. 3) Do not apply more than once per calendar year.

TANK MIXING OR SEQUENTIAL APPLICATION

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

TANK MIX COMBINATIONS FOR FRUIT AND NUT CROPS

THIS PRODUCT WITH BROMACIL 80W FOR GRAPEFRUIT AND ORANGES (FL Only): Use in Grapefruit and Oranges in FL for control of Balsamapple, Black nightshade, Carpetweed, Crabgrass, Cudweed, Dayweed, Florida pusley, Horseweed, Pepperweed, Pigweed, Poorjoe, Ragweed, Rattlebox, Spanish needles and Sandbur, and for partial control of Bermudagrass, Bahiagrass, Pangolagrass, Paragrass and Torpedograss. Apply 4 quarts of this product plus the specified label rate of Bromacil 80W per acre beneath trees in a minimum of 40 gallons of water per acre before or soon after weed growth begins. Use precaution to keep the spray off the foliage, fruit or trunk of Citrus trees. When mixing, add Bromacil 80W slurry to water in spray tank, agitate thoroughly, then add this product and agitate thoroughly again. Temporary yellowing of Citrus leaves may occur following treatment. Follow use and precautionary directions on the Bromacil label.

Use Precautions And Restrictions–To avoid crop injury: 1) Do not apply more than 4 lbs. a.i. (4 qts. of this product) per acre per application. Do not apply more than 8 lbs. a.i. (8 qts. of this product) per acre per calendar year. 2) Do not use in nurseries or where trees are under stress from freeze damage for one year after the freeze. 3) Do not use on soil with less than 1% organic matter or on poorly drained soil. 4) Do not treat trees planted in irrigation furrows. 5) Do not treat diseased trees such as those with foot rot. 6) Do not use in groves interplanted with other trees or desirable plants, or in home Grapefruit or Orange plantings, or in areas where roots of other valuable plants or trees may extend. 7) Treated areas may be planted to Citrus trees one year after application. 8) Do not rotate to other crops within two years after application.

To avoid illegal residues, apply only once per year and avoid contact with foliage and fruit with spray or mist.

TANK MIXTURE WITH GRAMOXONE®

This combination is effective in the following Fruit and Nut crops for kill of existing vegetation and for residual control of the annual Broadleaf and Grass weeds claimed for this product applied alone. This tankmix is also effective for top kill and suppression of perennial weeds. In FL, this mixture may be applied in Spring or Fall to emerged weeds.

Use this tank mixture on the following crops:	
Almonds (CA only)	Macadamia nuts
Apples	Olives
Avocados (CA and FL[1] only)	Oranges[2]
Cherries (Tart and Sweet[4])	Peaches[3]
Filberts	Pears
Grapefruit (CA and TX only)	Pecans
Grapes	Plums[4]
Lemons (AZ and CA only)	Walnuts

SPECIFIC DIRECTIONS: Apply the rate given for this product under the appropriate crop on this label plus the specified label rate of Gramoxone in 50 to 200 gallons (30 to 50 gallons for Pecans) of water per acre to the orchard floor. Avoid contact with fruit, foliage or stems. Add a non-ionic surfactant, such as X-77®, at 0.5 pint per 100 gallons of spray. Apply when weeds are succulent and new growth is 1 to 6 inches tall. For mature woody weeds or difficult to control perennial weeds, retreat or spot treat with Gramoxone if regrowth occurs.

Add this product to the spray tank first (refer to the "*MIXING PROCEDURES*" section of this label), then add Gramoxone and the surfactant last. Provide constant agitation during mixing and application to keep the mixture in suspension.

USE PRECAUTIONS AND RESTRICTIONS—To avoid crop injury:

1) Apply the tank mix only once per year. 2) Use a shield for young trees and vines.

Refer to this label and Gramoxone labels for further directions, specific weeds controlled and precautions and limitations on each crop.

[1] In Avocados in FL, this tank mix also controls Balsamapple and Rattail amaranth.

At the higher rate of each herbicide, it suppresses Coral vine.

[2] In Oranges in FL, apply 4 qts. of this product per acre per application. Do not exceed 8 qts. of this product per calendar year.

[3] Limited to AR, CA, LA, MO, OK, TX and states East of the Mississippi River. As appropriate, refer to sections "*ALMONDS, PEACHES, NECTARINES (CA Only)*" or "*PEACHES, PLUMS, SWEET CHERRIES*" for rate of this product and other information.

[4] Limited to MO and states East of the Mississippi River, except TN.

TANK MIXTURE WITH ROUNDUP® OR IMITATOR® PLUS OR TOUCHDOWN® BRAND HERBICIDES

This tank mixture is effective in Grape vineyards and in the following bearing or non-bearing tree crops for control of existing vegetation and for residual control of the annual Broadleaf and Grass weeds claimed for this product applied alone. This tank mixture is also effective for partial control of perennial weeds contacted by the spray mixture during application.

Use this tank mixture on the following crops:	
Almonds** (CA only) Apples* Avocados* (CA and FL only) Cherries (Tart and Sweet ****[2]) Filberts** Grapefruit*** (CA, FL, TX) Grapes* Lemons* (AZ and CA)	Macadamia nuts** Oranges*** (AZ, CA, FL and TX) Peaches****[1] Pears* Pecans** Plums****[2] Walnuts**

SPECIFIC DIRECTIONS: Use the specified rate given elsewhere on this label for this product applied alone to the crop being treated. Add to the spray tank the specified label rate of Roundup or Imitator Plus or Touchdown brand product per acre depending on weeds present and their growth state. Also, add an agriculturally approved non-ionic surfactant at 0.5% by volume of spray solution. Apply the mixture in 10 to 40 gallons of water per acre as a post-emergence spray to the weeds at the appropriate weed growth stage given on the Roundup or Imitator Plus label.

Add this product to the spray tank first, then add Roundup or Imitator Plus or Touchdown brand product. Provide constant agitation during mixing and application to keep the mixture in suspension.

Refer to the "*APPLICATION PROCEDURES*" section of this label for further directions.

USE PRECAUTIONS AND RESTRICTIONS—To avoid crop injury:

Take extreme care to avoid contact of herbicide solution, spray, drift or mist with foliage or green bark of trunk, branches, suckers, fruit or other parts of trees or vines. Observe precautions on this label and Roundup or Imitator Plus or Touchdown labels for each crop involved. Refer to the labels of both herbicides for further directions, specific weeds controlled and precautions and limitations on each crop.

* Allow a minimum of 14 days between last application and harvest.
** Allow a minimum of 21 days between last application and harvest of these crops.
*** Allow a minimum of 1 day between last application and harvest of these crops.
**** Allow a minimum of 17 days between last application and harvest of these crops.
[1] Limited to AR, CA, LA, MO, OK, TX and states East of the Mississippi River. For CA, see specific directions in the "*ALMONDS, PEACHES, NECTARINES (CA Only)*" section.
[2] Plums and Sweet cherries: Limited to MO and states East of the Mississippi River, except TN.

TANK MIXTURE WITH SOLICAM®

For improved control of such weeds as Clover, Cutleaf evening primrose, Dandelion, Henbit, Horseweed or Marestail, Lambsquarters and Puncturevine, apply this product in tank mixture with Solicam DF on the following crops: Oranges, Grapefruit and Lemons.

Apply 4 quarts of this product plus the specified label rate of Solicam DF Herbicide (78.6% active ingredient) in 20 to 100 gallons of water per acre. This product combined with Solicam may be applied in tank mixture with Gramoxone or Roundup or Imitator Plus.

Arizona: (Lemons and Oranges Only): Do not use more than 1.6 quarts of this product in the tank mixture per acre per application. Do not use more than 3.2 quarts of this product in the tank mixture per acre per calendar year.

Follow the labeled directions and restrictions of use on labels of the herbicides used in mixtures with this product.

USE PRECAUTIONS AND RESTRICTIONS: Keep this product plus Solicam from contacting foliage, fruits and stems of Citrus trees during spraying.

TANK MIXTURE WITH SURFLAN®

Use this tank mix in the following crops for pre-emergence control of all weeds claimed on both labels:

Use this tank mix with the following crops for preemergence control of all weeds claimed on both labels:	
Almonds Apples Avocados Caneberries Cherries Filberts Grapefruit Grapes	Lemons Oranges Peaches Pears Pecans Plums Walnuts (English)

SPECIFIC DIRECTIONS: Apply the rate given for this product under the appropriate crop on this label plus the specified label rate of Surflan 75W or Surflan A.S. in 20 to 40 gals. of water per acre. Refer to the Surflan 75W or Surflan A.S. label for complete tank mix directions and use 0.8 qt. of this product for each pound of Simazine 80W. Observe all precautions and limitations on this label and Surflan labels.

FIELD AND FORAGE CROPS

CORN (Field, Sweet)

Maximum application rates for this product applied as a single pre-emergence:

Soil Texture	Maximum Application Rate per Acre
Not highly erodible or highly erodible soils if at least 30% of the soil is covered with plant residues.	2 qts.**
Highly erodible soils if < 30% of the soil is covered with plant residues.	1.6 qts.

* As defined by the Natural Resources Conservation Service
** If a second treatment is required following an earlier herbicide application, the total simazine applied may not exceed 2.5 lbs. a.i. per acre per calendar year.

Pregrazing/Preharvest Interval:

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

Nitrogen solutions or complete liquid fertilizers may replace all or part of the water as a carrier for this product. (Determine the physical compatibility of this product with fertilizer before use. Refer to the "*USE INFORMATION*" section of this label for a compatibility test procedure.) Do not apply after Corn has emerged as there is danger of liquid fertilizers causing crop injury. Use a minimum of 10 gallons of spray mixture per acre.

PRE-EMERGENCE: Apply before weeds and Corn emerge using the appropriate rate in the above table.

PRE-PLANT: Apply as broadcast in the Spring after plowing at the appropriate rate in the above table. Apply before, during or after final seedbed preparation. If soil is tilled or worked after application, avoid deep incorporation of this product. Best results will be obtained when this product is applied within 2 weeks before planting.

Under dry weather conditions, pre-plant applications may give better weed control than pre-emergence. If weeds develop, particularly under relatively dry conditions, a shallow cultivation will generally result in better weed control.

QUACKGRASS CONTROL: Broadcast in the Fall using the above rates. Plow two to three weeks later, or if erosion is a problem, delay plowing until Spring.

WINTER ANNUAL BROADLEAF CONTROL

Pre-Emergence Fall Application: For pre-emergence control of Winter annual weeds, such as annual Bluegrass, Common chickweed, Downy brome, Henbit, Shepherdspurse, Tansymustard, Wild mustard and others, broadcast 1 quart of this product per acre after harvest of the preceding crop and prior to weed emergence on land to be planted to Corn the following year. A tillage operation may precede the application. Do not apply to frozen ground. If this product is used in the Fall Corn weed control program, do not exceed 1.5 quarts of this product pre-emergence in the Spring.

Use Precautions And Restrictions-To avoid crop injury: 1) Do not apply more than 2.5 quarts of this product per acre of Corn per calendar year. 2) Do not plant any crop except Corn until the following year or injury may occur. 3) Following harvest, plow and thoroughly till the soil in Fall or Spring to minimize possible injury to Spring-seeded ro-

tational crops, regardless of the rate used. 4) Do not apply this product pre-plant incorporated for weed control in Corn in the High Plains and Intermountain areas of the West (including Central and Western KS, Western NE, Western OK and the Panhandle of TX) where rainfall is sparse and erratic or where irrigation is required. 5) In the High Plains and Intermountain areas of the West where rainfall is sparse and erratic or where irrigation is required, use this product only when Corn is to follow Corn or when a crop of untreated Corn is to precede other rotational crops. 6) Injury may occur to Soybeans planted in North-Central and Northwest IA, South-Central and Southwest MN, Northeast NE, Southeast SD, and other areas the year following application on soils having a calcareous surface layer. 7) Do not plant Sugar beets, Tobacco, Vegetables (including Dry beans), Springseeded small grains or Small-seeded legumes and grasses the year following application of this product or injury may occur.

To avoid illegal residues, do not graze treated areas.

TANK MIXTURE ON CORN

Atrazine Tank Mix: Use this product in a pre-plant or pre-emergence tank mixture with Atrazine 90DF, or Atrazine 4L or Atra™-5 for control of many annual weeds including Carpetweed, Crabgrass, Fall panicum, Foxtail, Lambsquarters, Morningglory, Pigweed, Ragweed and Velvetleaf.

When tank mixing or sequentially applying simazine and/or atrazine products containing either active ingredient to Corn, the total pounds of simazine and/or atrazine applied must not exceed 2.5 lbs. a.i. per acre per calendar year.

Refer to the Atrazine label for complete directions. Also, refer to the Atrazine label and the "*CORN*" section of this label for precautions and limitations.

Eradicane® or Razencane® Tank Mix: Use in a pre-plant incorporated tank mixture for control of all weeds claimed on both this label and Eradicane or Razencane labels, including partial control (suppression) of Shattercane (Wild cane). Fluid fertilizer may replace all or part of the water in the spray. Check the physical compatibility of mixture with fertilizer before use. Refer to the "*USE INFORMATION*" section of this label for a compatibility test procedure. Use a minimum of 20 gallons of spray volume per acre. Refer to the Eradicane or Razencane label for incorporation directions. Use the higher rate of this product on Fine textured soil and where heavy Broadleaf infestations are expected. Use the higher rate of Eradicane or Razencane for heavy Nutsedge and Bermudagrass infestations. For partial control (suppression) of Shattercane, broadcast and incorporate immediately before planting 1 to 2 quarts* of this product plus the appropriate labeled rate of Eradicane or Razencane per acre. For control of the other weeds claimed on both labels, broadcast and incorporate 1 to 2 quarts* of this product plus the specified label rate of Eradicane or Razencane per acre. Observe all precautions and limitations on this label and Eradicane or Razencane labels.

Gramoxone Tank Mix: Use in a tank mixture where Corn will be planted directly in a cover crop, established sod or previous crop residues. This combination controls existing vegetation and provides residual control of the annual Broadleaf and Grass weeds listed under the "*USE INFORMATION*" section.

Add this product to the spray tank, mix thoroughly with water and then add Gramoxone and a non-ionic surfactant. Provide constant agitation during mixing and application to keep the mixture in suspension. Apply up to 2 quarts* of this product plus the specified label rate of Gramoxone in 20 to 60 gallons of water per acre as a broadcast spray, either before or after planting, but before Corn emerges. Add a nonionic surfactant at the rate of 0.5 pint per 100 gallons of spray volume. For further information, see the "*USE INFORMATION*", "*PRECAUTIONARY STATEMENTS*" and notes on this product and the Gramoxone labels.

Sutan+®Tank Mix: Use in a pre-plant incorporated tank mixture for control of all weeds claimed on this label and Sutan+ label, including partial control (suppression) of Shattercane (Wild cane). Fluid fertilizer may replace all or part of the water in the spray. Check the physical compatibility of mixture with fertilizer before use. Refer to the "*USE INFORMATION*" section of this label for a compatibility test procedure. Use a minimum of 20 gallons of spray volume per acre. Refer to the Sutan+ label for incorporation directions. Use the higher rate of this product on Fine textured soil and where heavy Broadleaf infestations are expected. For partial control (suppression) of Shattercane, broadcast and incorporate immediately before planting 1 to 2 quarts* of this product plus the specified label rate of Sutan+ 6.7E per acre. For control of the other weeds claimed on both labels, broadcast and incorporate up to 2 quarts* of this product plus the specified label rate of Sutan+ 6.7E per acre. Observe all precautions and limitations on this label and Sutan+ labels.

* **NOTE:** DO NOT exceed the maximum application rates based on the soil type specified for this product on Corn. Refer to the Table under "*CORN (Field, Sweet)*" section for maximum application rates based on soil types for this product.

NURSERIES, CHRISTMAS TREE PLANTINGS, SHELTERBELTS

NURSERIES (See List Below:)

Apply 2 to 3 quarts of this product in at least 25 gallons of water per acre in Fall or Spring.

Use Precautions And Restrictions: 1) Do not apply more than 3 lbs. a.i. (3 qts. of this product) per acre per calendar year. 2) Do not apply more than once per calendar year. 3) To avoid plant injury, do not apply for at least one year after transplanting.

CHRISTMAS TREE PLANTINGS AND SHELTERBELTS (See List Below:)

Remove weed growth before application. Apply 2 to 4 quarts of this product in at least 25 gallons of water per acre after transplanting. Use the same rate for annual maintenance applications.

For Quackgrass control: Apply 4 quarts of this product per acre in the Fall or apply a split application of 2 quarts per acre in the Fall plus 2 quarts per acre in early Spring, after Quackgrass begins growth.

Use Precautions And Restrictions: 1) Do not apply more than 4 lbs. a.i. (4 qts. of this product) per acre per calendar year. 2) Do not apply more than twice per calendar year. 3) Do not use this product on seedbeds or cutting beds. 4) In CA, OR and WA, do not apply to Christmas trees or Shelterbelts sooner than one year after transplanting. In other areas, do not apply to Christmas trees or Shelterbelt transplants less than 2 years of age. 5) Do not use until soil is firmly settled around roots. 6) Do not apply more than once a year, except as directed for Quackgrass control.

Apply this product to these species of trees and shrubs, as specified above:		
Conifers		
Arborvitae	Knobcone pine*	Red spruce
Austrian pine	Lodgepole pine (Shore pine)	Scotch pine
Balsam fir	Monterey pine*	White cedar
Bishop pine*	Mugho pine	White fir
Blue spruce	Norway spruce	White pine
Douglas fir	Red cedar	White spruce
Fraser fir	Red pine (Norway pine)	Yew (*Taxus* spp.)
Hemlock		
Juniper		
Deciduous Trees and Woody Ornamentals		
American elm	Dogwood	Palm (max. 2 qts./A)*
Barberry	Eucalyptus	*Pieris* spp. (max. 3 qts./A)
Bottle brush*	Holly (*Ilex* spp.) (max. 3 qts./A)	Red oak
Boxelder	Honey locust	Russian olive
Bush honeysuckle	Oleander*	Siberian elm
Caragana	Oregon grape (*Mahonia* spp.)	
Carob*		
Cotoneaster		
* For CA only		

Pennant® Tank Mix: This product may be tank-mixed with Pennant herbicide to control weeds in containerized, field and liner-grown* ornamentals and commercial landscapes. See the Pennant label for ornamental species, weeds controlled with this tank mixture and other information.

* Plants transplanted normally in rows in a nursery or similar area for further growth prior to transplanting to final growing place.

Surflan Tank Mix: On Christmas tree plantings, use this tank mix for pre-emergence control of weeds listed on the Surflan 75W (or Surflan A.S.) and this label. Use on field-grown Conifer species listed on the labels for each herbicide plus Alpine fir, Black spruce, Colorado blue spruce, Coulter pine, Engelmann spruce, Giant redwood, Grand fir and Veitchi fir.

Broadcast the mixture as a directed spray to the soil surface or as an over-top spray, using 2 to 4 quarts of this product and the specified label rate of Surflan 75W or Surflan A.S. Apply in sufficient water per acre to uniformly treat the area. Follow over-top sprays with sprinkler irrigation to move the herbicide from leaf surfaces to the soil. Remove weed growth before application. Mix weed residues, prunings or trash into the soil or remove them before treatment. Soil should be in good tilth and free of clods at time of application. Shallow cultivation (1 to 2

inches) after treatment will not reduce weed control. Observe all precautions and limitations on this label and Surflan labels.
Note: Length of weed control may be reduced when continuous wet soil conditions follow herbicide application.
Use Precautions And Restrictions-To avoid plant injury: 1) Do not use on seedbeds or on unrooted cuttings. 2) Do not use in greenhouses or other enclosed areas.

TURF

TURFGRASSES FOR SOD (FL Only)

Bermudagrass, Centipedegrass, St. Augustinegrass, Zoysiagrass: Apply 2 to 4 quarts per acre, according to soil texture as indicated below:

Muck or Peat	4 qts.	Old beds	Within 2 days after lifting of sod
		New beds	3 to 4 days after sprigging or plugging
Sandy soil	2 qts.	Old beds	Within 2 days after lifting of sod
		New beds	7 to 10 days after sprigging or plugging

Note: On *newly sprigged* turfgrass, temporary slowing of growth may follow application.
If weeds regrow, apply an additional 2 quarts of this product on muck or peat, or 1 quart on sandy soil.
Use Precautions and Restrictions:
1) Do not apply more than 4 quarts of this product per acre per application Maximum number of applications per calendar year is two. Maximum total amount per calendar year is 6 quarts of this product per acre.
2) Do not apply within 30 days prior to cutting or lifting.
3) Do not graze or feed turf clippings to animals.
4) Do not apply in combination with surfactants or other spray additives.
5) This product must be watered-in immediately after application if applied at a rate greater than 2 qts. per acre.
6) Use only on turfgrass reasonably free of infestations of insects, nematodes and diseases.

TURFGRASSES FOR SOD (In States Except FL)

BERMUDAGRASS, CENTIPEDEGRASS, ST. AUGUSTINEGRASS, ZOYSIAGRASS

Apply 1 to 2 quarts of this product per acre.
Use Precautions and Restrictions: 1) Do not apply to established beds within 2 days after lifting of sod. Do not apply to new beds before 7 to 10 days after sprigging or plugging. 2) Do not apply more than 2 lbs. a.i. (2 qts. of this product) per application and no more than two applications per calendar year. 3) Do not apply more than 3 lbs. a.i. (3 qts. of this product) per calendar year. 4) On newly sprigged turfgrass, hybrid bermudagrass, nondormant bermudagrass or nondormant zoysiagrass, temporary slowing of growth and yellowing may occur following application. 5) Use only on turfgrass reasonably free of infestation of insects, nematodes, and diseases. 6) Do not use north of NC (except in the VA coastal plains) or on soils with pH of above 7.8. 7) Do not use on muck or alkaline soils. 8) Do not apply over the rooting area of trees or ornamentals not listed on this label. 9) Do not seed or overseed with desirable turfgrass within 4 months before or 6 months after treatment. 10) Do not apply this product to newly seeded grasses until they have overwintered and have well developed rhizome treatment. 11) Do not exceed 2 lbs. a.i. (2 qts. of this product) within 12 months of seeding grasses.
Note: Do not graze or feed turf clippings to animals or illegal residues may result.

TURFGRASSES FOR FAIRWAYS AND ORNAMENTAL LAWNS

Bermudagrass, Centipedegrass, St. Augustinegrass, Zoysiagrass: Apply this product after September 1 (after October 1 for annual Bluegrass) before emergence of winter annual weeds. Fall applications of this product will control annual Bluegrass, Burclover, common and Mouseear chickweed, Corn speedwell, Henbit, Hop clover, Lawn burweed, Paisley-piert, and Spurweed. This product will also control these weeds soon after emergence.
For control of summer annual weeds listed in the "*USE INFORMATION*" section of this label, apply this product in late winter before the weeds emerge. Apply in a minimum of 15 gallons of water per acre. Irrigate with one-half inch of water if rainfall does not occur within 10 days after preemergence treatment.
Where annual Bluegrass is the major weed, use 1 quart of this product per acre (0.75 fl. oz. per 1,000 sq. ft.). Use 1 to 2 quarts per acre (0.75 to 1.5 fl. ozs. per 1,000 sq. ft.) for control of other weeds, However, do not exceed 1 quart per acre per treatment on newly sprigged Turfgrass or on hybrid Bermudagrass such as Tiflawn, Tifway, and Ormond.
For control of summer annuals which emerge after the initial application, apply an additional 1 quart per acre at least 30 days after the initial application, but not after June 1. However, do not make more than 2 applications per year.
Note: On newly sprigged turfgrass, hybrid Bermudagrass, nondormant Bermudagrass or nondormant Zoysiagrass, temporary slowing or growth and yellowing may occur following application.
Use Precautions and Restrictions:
1) Do not apply more than 2 quarts of this product per acre per application. Maximum number of applications per calendar year is two. Maximum total amount per calendar year is 3 quarts of this product per acre.
2) Do not apply within 30 days prior to cutting or lifting.
3) Do not graze or feed turf clippings to animals.
4) Do not use on golf greens.
5) Use only on turfgrass reasonably free of infestations of insects, nematodes and diseases.
6) Do not use north of North Carolina (except may be used in the VA coastal) or on soils with pH above 7.8.
7) Do not use on muck or alkaline soils.
8) Do not apply this product to newly seeded grasses until they have overwintered and have a well developed rhizome system.
9) Do not apply over the rooting area of trees or ornamentals not listed on this label.
10) Do not seed or overseed with desirable turfgrass within 4 months before or 6 months after treatment.
11) Do not exceed 2 quarts of this product per acre within 12 months of seeding of grasses.

TANK MIXTURE WITH ROUNDUP OR IMITATOR PLUS: This tank mixture will provide control of emerged annual weeds and residual control of weeds listed on this label. The combination also will partially control emerged perennial weeds listed on the Roundup or Imitator Plus label. Add to the spray tank the specified label rate of this product noted in the above section for this product alone. Then add the specified label rate of Roundup or Imitator Plus per acre depending on weeds present and their growth stage. Also, add a non-ionic surfactant labeled "for use with herbicides" at 0.5% by volume of spray solution. Apply the mixture in 10 to 40 gallons of water per acre as a post-emergence spray at the appropriate weed growth stage given on the Roundup or Imitator Plus label. Provide constant agitation during mixing and application to keep the mixture in suspension. Refer to the "*APPLICATION PROCEDURES*" section of this label for further directions. Refer to the labels of both herbicides for specific non-crop sites, rates, weeds controlled and further directions, precautions and limitations.

FOR RESIDENTIAL USE

PRECAUTIONARY STATEMENTS

Hazards To Humans And Domestic Animals

CAUTION: Causes moderate eye irritation. Harmful if absorbed through skin or swallowed. Avoid contact with eyes, skin or clothing.
PERSONAL PROTECTIVE EQUIPMENT (PPE)
Wear long-sleeved shirt and long pants, shoes plus socks, and chemical-resistant gloves.

USER SAFETY RECOMMENDATIONS

Users should: 1) Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. 2) Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. 3) 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 can travel (seep or leach) through soil and can enter ground water which may be used as drinking water. Simazine has been found in ground water. Users are advised not to apply simazine to sand and loamy sand soils where the water table (ground water) is close to the surface and where these soils are very permeable; i.e., well-drained. Your local agricultural agencies can provide further information on the type of soil in your area and the location of ground water.
This pesticide is toxic to aquatic invertebrates. To protect the environment, do not apply pesticide to enter or run off into storm drains,

drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over treated area will help avoid run off to water bodies or drainage systems.

USE INFORMATION

IMPORTANT: Read the entire "*DIRECTIONS FOR USE*" and the "*WARRANTY—CONDITIONS OF SALE*" before using this product.

This product 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 and ornamental crops. Where a range of application rates is given, use the lower rate on Coarser textured soil and soil lower in organic matter; use the higher rate on Finer textured soil and soil higher in organic matter.

To avoid spray drift, do not apply under windy conditions. Avoid spray overlap as crop injury may result.

This product enters weeds mainly through their roots; moisture is needed to move it into the root zone. Very dry soil conditions and lack of rainfall following application may necessitate watering. This product is non-corrosive to equipment and nonflammable.

Annual Weeds Controlled	
Alyssum	Knawel (German moss)
Annual bluegrass	Common lambsquarters
Annual morningglory	Nightshade
Annual ryegrass	Pepperweed
Barnyardgrass (Watergrass)	Pigweed
Burclover	Pineappleweed
Carelessweed	Prickly lettuce
Carpetweed	Common purslane
Common	Ragweed
chickweed	Rattail fescue
Crabgrass (*Digitaria* spp.)	Redmaids
Downy brome (Cheatgrass)	Russian thistle
Fall panicum	Shepherdspurse
Fiddleneck	Signalgrass
Filaree	(*Brachiaria* spp.)
Fireweed	Silver hairgrass
Fivehook bassia	Smartweed
Flora's paintbrush	Spanishneedles
Florida pusley	Speedwell
Foxtails	Tansymustard
Goosegrass	Wild mustard
Groundsel	Wild oats
Henbit	Witchgrass
Junglerice	Yellowflower pepperweed

DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Keep people and pets out of the area during application.

DO NOT allow people or pets to enter the treated area until sprays have dried.

Bermudagrass, Centipedegrass, St. Augustinegrass, Zoysiagrass: Apply this product after September 1 (after October 1 for annual Bluegrass) before emergence of winter annual weeds. Fall applications of this product will control annual Bluegrass, Burclover, common and Mouseear chickweed, Corn speedwell, Henbit, Hop clover, Lawn burweed, Paisley piert, and Spurweed. This product will also control these weeds soon after emergence.

For control of summer annual weeds listed in the "*USE INFORMATION*" section of this label, apply this product in late winter before the weeds emerge. Apply in sufficient water. Water if rainfall does not occur within 10 days of preemergence treatment.

Where annual Bluegrass is the major weed, apply 0.75 fl. oz. of this product per 1,000 sq. ft. per application. Apply 0.75 to 1.24 fl. ozs. of this product per 1,000 sq. ft. per application for control of other weeds. Do not exceed 1.24 fl. ozs. of this product per 1,000 sq. ft. per application on newly sprigged turfgrass or on hybrid Bermudagrass such as Tiflawn, Tifway, and Ormond.

For control of summer annuals which emerge after the initial application, apply an additional 1.24 fl. ozs. per 1,000 sq. ft. at least 30 days after the initial application, but not after June 1.

Note: On newly sprigged Turfgrass, Bermudagrass, non-dormant Bermudagrass or nondormant Zoysiagrass, temporary slowing of growth and yellowing may occur following application.

TANK MIXTURE WITH ROUNDUP OR IMITATOR PLUS: This tank mixture will provide control of emerged annual weeds and residual control of weeds listed on this label. The combination also will partially control emerged perennial weeds listed on the Roundup or Imitator Plus label. Add to the spray tank the specified label rate of this product noted in the above section for this product alone. Then add the specified label rate of Roundup or Imitator Plus depending on weeds present and their growth stage. Also, add a non-ionic surfactant labeled "for use with herbicides" at 0.5% by volume of spray solution. Apply the mixture in sufficient water at the appropriate weed growth stage given on the Roundup or Imitator Plus label. Provide constant agitation during mixing and application to keep the mixture in suspension. Refer to the labels of both herbicides for specific non-crop sites, rates, weeds controlled and further directions, precautions and limitations.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Storage should be under lock and key and secure from access by unauthorized persons and children. Storage should be in a cool, dry area away from any heat or ignition source. Do not stack over 2 pallets high. Move containers by handles or in cases. Do not move containers from one area to another unless they are securely sealed. Keep container tightly sealed when not in use. Keep away from any puncture source. Avoid storage near water supplies, food, feed and fertilizer to avoid cross-contamination. Store in original containers only. If the contents are leaking or material is spilled, follow these steps:

1. Contain spill. Absorb with a material such as sawdust, clay granules or dirt.
2. Collect and place in suitable containers for disposal.
3. Wash area with soap and water to remove remaining pesticide.
4. Follow washing with clean water rinse.
5. Do not allow runoff to enter sewer or contaminate water supplies.
6. Dispose of wastes as indicated below:

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

CONTAINER DISPOSAL:

Nonrefillable Container (rigid material; less than 5 gallons): Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container one-fourth full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Nonrefillable Container (rigid material; 5 gallons up to < 250 gallons): Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill container one-fourth full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Refillable Containers (≥ 250 gallons & Bulk): Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

(Continued)

STORAGE AND DISPOSAL *(Cont.)*

FOR RESIDENTIAL USE:

PESTICIDE STORAGE: Store product in original container in a dry place inaccessible to children and pets.

PESTICIDE DISPOSAL: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. **If empty,** place in trash or offer for recycling if available. **If partially filled,** call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

WARRANTY—CONDITIONS OF SALE

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

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