For weed control in certain crops and ornamental plantings.  

**ACTIVE INGREDIENT:**
- Simazine .............................................................. 90.0%

**OTHER INGREDIENTS:** .............................................. 10.0%

**TOTAL:** ............................................................. 100.0%

This product is a water-dispersible granule.

**KEEP OUT OF REACH OF CHILDREN**

See **FIRST AID Below**

**FIRST AID**

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

**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.

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**

**Hazard to Humans and Domestic Animals**

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

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

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

**ENGINEERING CONTROLS**

- Mixers and loaders supporting groundboom applications must wear: Coveralls over long-sleeved shirt and long pants, chemical-resistant apron, and a NIOSH-approved respirator with a dust/mist filter (with MSHA/NIOSH approval number prefix TC-21C or with any R, P, or HE filter).
- All other mixers, loaders, applicators, and handlers must wear: Long-sleeved shirt and long pants, shoes plus socks, and 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.

**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 groundwater which may be used as drinking water. Simazine has been found in groundwater. Users are advised not to apply simazine to Sand and Loamy sand soils where the water table (groundwater) is close to the surface and where these soils are very permeable; i.e., well-drained. Your local agricultural agencies can provide further information on the type of soil in your area and the location of groundwater. 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 86 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 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 of other suitable crops.

**PRECAUTIONARY STATEMENTS (Cont.)**

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

252SP-0411*
SIMAZINE 90DF Page 1 of 8
Product must not be mixed, loaded or used within 50 feet of all wells, including abandoned wells, drainage wells and sinkholes. Operations that involve mixing, loading, rinsing, or washing of this product into or from pesticide handling or application equipments 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 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 operation 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 through any type of irrigation system. 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 areas 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.

(Continued)
Use screens to protect the pump and to prevent nozzles from clogging. Screens placed on suction side of 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:

\[
\text{band width in inches} \times \text{broadcast rate} \times \text{number of teaspoons given above} = \text{amount needed per acre}
\]

**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 or coarser spray (ASAE standard 572).

**Release Height**

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

**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. Pour product directly from bag into tank.
6. Continue filling tank until 90% full. Increase agitation, if necessary, to maintain surface action.
7. Add tank-mix herbicide(s) after this product is thoroughly suspended.
8. Finish filling tank. Maintain agitation to avoid separation of materials.
9. Empty tank as completely as possible before refilling to prevent buildup of emulsifiable concentrate residue from possible tank-mix herbicides.
10. If an emulsifiable concentrate film starts to build up in tank, drain it and clean with strong detergent solution or solvent.
11. Clean sprayer thoroughly immediately after use by flushing system with water containing a detergent solution or complete fluid fertilizer.

**OTHER AREAS:**

1. To determine the tank-mix compatibility of this product include Burclover, Common chickweed, Shepherdspurse and Wild mustard. Apply only once per calendar year.

2. Apply 2.2 to 4.4 pounds of this product per acre. Use Precautions and Restrictions: 1) Do not apply more than 4 lbs. a.i. (4.4 lbs. of this product) per 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 stockroots. 6) Do not replant Almonds, Nectarines or Peaches in treated soil for 12 months after treatment. 7) Do not apply on soil with less than 1% organic matter. 8) Do not treat areas where water will accumulate.

**APPLIES, PEARS, TART CHERRIES**

Apply 2.2 to 4.4 pounds of this product per acre.

**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 Fruit or Nut trees, reduce the broadcast rate of this product and water per acre in proportion to the area actually sprayed.

**Use Precautions and Restrictions:** 1) Do not apply more than 2 lbs. a.i. (2.2 lbs. of this product) per 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 stockroots. 6) Do not replant Almonds, Nectarines or Peaches in treated soil for 12 months after treatment. 7) Do not apply on soil with less than 1% organic matter. 8) Do not treat areas where water will accumulate.

**AVOCADOS (CA and FL Only)**

Apply 2.2 to 4.4 pounds of this product per acre after final preparation of grove.

**Use Precautions and Restrictions:** 1) Do not apply more than 4 lbs. a.i. (4.4 lbs. of this product) per acre per calendar year. 2) Do not apply more than once per calendar year. 3) Do not apply on Gravelly sand or Loamy sand soil.

**BLUEBERRIES AND CANEBERRIES**

Apply 2.2 to 4.4 pounds of this product per acre.

**Use Precautions and Restrictions:** 1) Do not apply more than 4 lbs. a.i. (4.4 lbs. of this product) per acre per calendar year. 2) Do not apply more than once per calendar year. 3) Do not apply on Gravelly sand or Loamy sand soil.

**CRANBERRIES**

MA: Apply up to 4.4 pounds of this product per acre either before Spring growth begins or in the Fall after harvest.

Other areas: Apply 2.2 pounds per acre before Spring growth begins.

**Use Precautions and Restrictions:** 1) In MA, do not apply more than 4 lbs. a.i. (4.4 lbs. of this product) per acre per calendar year. 2) Do not apply more than twice per calendar year. 3) To avoid illegal residues, do not apply when fruit is present.
Apply 2.2 to 4.4 pounds of this product as a single application or apply up to 4.4 pounds of this product per acre in the Spring plus 1.75 pounds in the Fall. When tank-mixing or sequentialy applying simazine and/or atrazine or products containing either active ingredient, the total pounds of product plus the specified label rate of Bromacil 80W per acre beneath Pangolagrass, Paragrass and Torpedograss. Apply 4.4 pounds of this product per acre in tank-mixtures to control Balsamapple, Black nightshade, Carpetweed, Crabgrass, Cudweed, Dayweed, Florida pusley, Horseweed, Pepperweed, Pigweed, Poorjoe, Ragweed, Rattlebox, Spanishneedles and Sandbur. This product will control Chickweed, Groundsel, Mustard and Shepherdspurse, Cudweed, Dayweed, Florida pusley, Horseweed, Pepperweed, Pigweed, Poorjoe, Ragweed, Rattlebox, Spanishneesdles and Sandbur. This mixture will also give partial control of Bermudagrass, Bahiagrass, Pangolagrass, Paragras and Torpedograss. Apply 4.4 pounds 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 of the foliage, fruit or trunk of Citrus trees. Temporary yellowing of Citrus foliage, fruit or trunk may occur following treatment. Use precaution to keep the spray off of the foliage, fruit or trunk of Citrus trees. Temporary yellowing of Citrus foliage, fruit or trunk may occur following treatment. Use precaution to keep the spray off of the foliage, fruit or trunk of Citrus trees. Temporary yellowing of Citrus foliage, fruit or trunk may occur following treatment. Use precaution to keep the spray off of the foliage, fruit or trunk of Citrus trees. Temporary yellowing of Citrus foliage, fruit or trunk may occur following treatment. Use precaution to keep the spray off of the foliage, fruit or trunk of Citrus trees. Temporary yellowing of Citrus foliage, fruit or trunk may occur following treatment. Use precaution to keep the spray off of the foliage, fruit or trunk of Citrus trees. Temporary yellowing of Citrus foliage, fruit or trunk may occur following treatment. Use precaution to keep the spray off of the foliage, fruit or trunk of Citrus trees. Temporary yellowing of Citrus foliage, fruit or trunk may occur following treatment. Use precaution to keep the spray off of the foliage, fruit or trunk of Citrus trees. Temporary yellowing of Citrus foliage, fruit or trunk may occur following treatment. Use precaution to keep the spray off of the foliage, fruit or trunk of Citrus trees. Temporary yellowing of Citrus foliage, fruit or trunk may occur following treatment. Use precaution to keep the spray off of the foliage, fruit or trunk of Citrus trees. Temporary yellowing of Citrus foliage, fruit or trunk may occur following treatment. Use precaution to keep the spray off of the foliage, fruit or trunk of Citrus trees. Temporary yellowing of Citrus foliage, fruit or trunk may occur following treatment. Use precaution to keep the spray off of the foliage, fruit or trunk of Citrus trees. Temporary yellowing of Citrus foliage, fruit or trunk may occur following treatment. Use precaution to keep the spray off of the foliage, fruit or trunk of Citrus trees. Temporary yellowing of Citrus foliage, fruit or trunk may occur following treatment. Use precaution to keep the spray off of the foliage, fruit or trunk of Citrus trees. Temporary yellowing of Citrus foliage, fruit or trunk may occur following treatment. Use precaution to keep the spray off of the foliage, fruit or trunk of Citrus trees. Temporary yellowing of Citrus foliage, fruit or trunk may occur following treatment. Use precaution to keep the spray off of the foliage, fruit or trunk of Citrus trees. Temporary yellowing of Citrus foliage, fruit or trunk may occur following treatment. Use precaution to keep the spray off of the foliage, fruit or trunk of Citrus trees. Temporary yellowing of Citrus foliage, fruit or trunk may occur following treatment. Use precaution to keep the spray off of the foliage, fruit or trunk of Citrus trees. Temporary yellowing of Citrus foliage, fruit or trunk may occur following treatment. Use precaution to keep the spray off of the foliage, fruit or trunk of Citrus trees. Temporary yellowing of Citrus foliage, fruit or trunk may occur following treatment. Use precaution to keep the spray off of the foliage, fruit or trunk of Citrus trees. Temporary yellowing of Citrus foliage, fruit or trunk may occur following treatment. Use precaution to keep the spray off of the foliage, fruit or trunk of Citrus trees. Temporary yellowing of Citrus foliage, fruit or trunk may occur following treatment.
where roots of other valuable plants or trees may extend. 6) Treated areas may be planted to Citrus trees one year after application. 7) 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 combination 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.

**SPECIFIC DIRECTIONS**: Apply the rate given under the appropriate crop on this label plus the specified labeled rate of Gramoxone in 50 to 200 gals. (30 to 50 gals. for Pecans) of water per acre to the orchard floor avoiding contact with fruit, foliage or stems. Add a non-ionic surfactant at 0.5 pt. per 100 gals 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 "MIXING PROCEDURES" section of this label), then add Gramoxone and add the surfactant last. Provide constant agitation during mixing and application to keep the mixture in suspension. Refer to the labels of both products for further directions, specific weeds controlled and precautions and limitations on each crop.

**Use Precautions and Restrictions (To avoid crop injury)**:
1) Apply the tank-mix only once per year. 2) Use shield for young trees and vines.

**TANK-MIXTURE WITH IMITATOR®, ROUNDUP®, 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 combination is also effective for partial control of perennial weeds contacted by the spray mixture during application.

**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 rate of Roundup, Imitator Plus or Touchdown brand product per acre depending on weeds present and their growth stage. Also, add an agriculturally approved non-ionic surfactant at 0.5% by volume of spray solution. Apply the mixture in 10 to 40 gals. 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, Imitator Plus or Touchdown brand herbicides. Provide constant agitation during mixing and application to keep the mixture in suspension. Refer to "APPLICATION PROCEDURES" section of this label for further directions. Refer to labels of both herbicides for further directions, specific weeds controlled, precautions and limitations on each crop.

**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 use precautions on both this product and Roundup or Imitator Plus or Touchdown labels for each crop involved.

**Use this tank-mixture on the following crops:**

<table>
<thead>
<tr>
<th>Crops</th>
<th>Roundup, Imitator Plus, Touchdown</th>
</tr>
</thead>
<tbody>
<tr>
<td>Almonds (CA Only)</td>
<td></td>
</tr>
<tr>
<td>Apples</td>
<td></td>
</tr>
<tr>
<td>Avocados (CA &amp; FL only)</td>
<td></td>
</tr>
<tr>
<td>Cherries (Tart &amp; Sweet)</td>
<td></td>
</tr>
<tr>
<td>Filberts</td>
<td></td>
</tr>
<tr>
<td>Grapefruit (CA &amp; TX Only)</td>
<td></td>
</tr>
<tr>
<td>Lemons</td>
<td></td>
</tr>
<tr>
<td>Macadamia nuts</td>
<td></td>
</tr>
<tr>
<td>Olives</td>
<td></td>
</tr>
<tr>
<td>Pears</td>
<td></td>
</tr>
<tr>
<td>Plums</td>
<td></td>
</tr>
<tr>
<td>Walnuts</td>
<td></td>
</tr>
<tr>
<td>Oranges</td>
<td></td>
</tr>
</tbody>
</table>

**1 For Avocados in FL, this tank-mix also controls Balsam apple vine and Rattail amaranth. At the higher specified rate of each herbicide, it suppresses Coral vine.**

**2 Limited to MO and states East of the Mississippi River, except TN.**

**3 In Oranges in FL, apply 4.4 lbs. of this product per acre per application. Do not exceed 8.8 lbs. of this product per calendar year.**

**4 Limited to AR, CA, LA, MO, OK, TX and states East of the Mississippi River. As appropriate, refer to the sections: “ALMONDS, NECTARINES AND PEACHES (CA ONLY)” or “PEACHES, PLUMS AND SWEET CHERRIES” for the rate of this product and other information.**

**Use Precautions and Restrictions (To avoid crop injury)**:
1) Apply the tank-mix only once per year. 2) Use shield for young trees or vines.

**TANK-MIXTURE WITH SOLICAM®**

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

**SPECIFIC DIRECTIONS**: Apply the specified rate of this product from the use section on this label plus the specified rate of Solicam DF Herbicide (78.6% active ingredient) in 20 to 100 gals. of water per acre. This product plus Solicam may be applied in tank-mixture with Gramoxone, or Roundup or Imitator Plus. Follow the labeled directions and restrictions of use on labels of herbicides used in mixtures with this product.

**Use Precautions and Restrictions (To avoid crop injury)**: Keep this product plus Solicam mixtures from contacting foliage, fruits and stems of Citrus trees during spraying.

**TANK-MIXTURE WITH SURFLAN®**

For improved control of such weeds as Clover, Cutleaf evening primrose, Dandelion, Henbit, Horseweed or Marestail, Lambquarters and Puncturewine, apply this product in tank-mixture with Surflan 75W or Surflan A.S. on the following crops:

<table>
<thead>
<tr>
<th>Crops</th>
<th>Surflan 75W or Surflan A.S.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Almonds</td>
<td></td>
</tr>
<tr>
<td>Apples</td>
<td></td>
</tr>
<tr>
<td>Avocados (CA Only)</td>
<td></td>
</tr>
<tr>
<td>Cherries (AZ &amp; CA Only)</td>
<td></td>
</tr>
<tr>
<td>Canberries (CA Only)</td>
<td></td>
</tr>
<tr>
<td>Grapefruit</td>
<td></td>
</tr>
<tr>
<td>Lemons</td>
<td></td>
</tr>
<tr>
<td>Oranges</td>
<td></td>
</tr>
</tbody>
</table>

**SPECIFIC DIRECTIONS**: Apply the rate given for this product under the appropriate crop on this label plus the specified 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. Observe all precautions and limitations on this label and Surflan labels.

**FIELD AND FORAGE CROPS**

**CORN (Field, Sweet)**

Apply a maximum of 2 lbs. a.i. (2.2 lbs. of this product) per acre as a single pre-emergence application on soils that are not highly erodible or on highly erodible soils, as defined by the Natural Resources Conservation Service, if at least 30% of the soil is covered with plant residues. If a second treatment is required following an earlier herbicide application, the total simazine applied may not exceed 2.5 lbs. a.i. (2.7 lbs. of this product) per acre per calendar year. Apply a maximum of 1.6 lbs. a.i. (1.7 lbs. of this product) as a single pre-emergence application on highly erodible soils if < 30% of the soil is covered with plant residues.

**Pre-grazing/Pre-harvest Interval**:
1. Field corn – 60 days 2. Sweet corn – 45 days

Nitrogen solutions or complete fluid fertilizers may replace all or part of the water as a carrier in the spray. Determine the physical compatibility of this product with fertilizer before use.
Refer to the "USE INFORMATION" section of this label for a compatibility test. Do not apply after Corn has emerged as there is danger of liquid fertilizers causing crop injury.

**PRE-EMERGENCE**: Apply before weeds and Corn emerge. Use the appropriate rate specified above.

**PRE-PLANT**: Apply in the Spring after plowing as broadcast at the appropriate rate specified above. Apply before, during or after final seeding. If soil is tilled or watered after application, make deep incorporation. 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. If weeds develop, particularly under relatively dry conditions, a shallow cultivation will generally result in better weed control.

**WINTER ANNUAL BROADLEAF CONTROL**

**PRE-EMERGENCE FALL APPLICATION**: For pre-emergence control of Winter annual weeds such as Annual bluegrass, Common chickweed, Dogwood, Henbit, Shepherdspurse, Tansy mustard, Wild mustard and others, broadcast 1.1 pounds of this product per acre of this product after harvest of the preceding crop and prior to weed emergence on land to be planted to Corn the following year. A tillage operation may precede the application. Do not apply to frozen ground. If this product is used in the Fall Corn weed program, do not exceed 1.67 pounds of this product pre-emergence in the Spring.

**Use Precautions and Restrictions**: 1) Do not apply more than 2.77 pounds of this product per acre to Corn per calendar year. 2) Do not rotate to any crop except Corn until the following year or injury may occur. 3) After harvest, plow and thoroughly till the soil in Fall or Spring to minimize possible injury to Spring-seeded rotational crops, regardless of the rate used. 4) Do not apply pre-plant incorporated 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 to control weeds in Corn only when Corn is to follow Corn or when a crop of untreated Corn is to precede another rotational crop. 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), Spring-seeded small grains or Small seeded legumes and Grasses the year after an application or injury may occur.

**Note**: Do not graze treated areas or illegal residues may result.

**TANK-MIXTURES ON CORN**

**ATRAZINE**: Use this product in a pre-plant or pre-emergence tank-mixture with Atrazine 90DF, Atrazine 4L or Atrac*® for control of many annual weeds, including Carpetweed, Crabgrass, Fall panicum, Fox-tail, Sorrel, morningglory, Pigweeds, Redroot Pigweed and Velvetleaf. When tank-mixing or sequentially applying simazine and/or atrazine or products containing either active ingredient to Corn, the total pounds of simazine and/or atrazine applied must not exceed 2.5 lbs. a.i./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®**: Use in a pre-plant incorporated tank-mixture for control of all weeds claimed on both this product and Eradicane or Razencane labels. Use Precautions and Restrictions: 1) Do not apply more than 4 lbs. a.i. (4.4 lbs. of this product) per acre per calendar year. 2) Do not apply more than twice per calendar year. 3) Do not use 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 Shelterbelts 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 the following species of trees and shrubs, as specified above:**

**Conifers**

<table>
<thead>
<tr>
<th>Arboretite</th>
<th>Austrian pine</th>
<th>Bishop pine*</th>
<th>Blue spruce</th>
<th>Douglas fir</th>
<th>Frasier red pine</th>
<th>Hemlock</th>
<th>Juniper</th>
</tr>
</thead>
</table>

* For CA only

**Sutan+**: Use in a pre-plant incorporated tank-mixture for control of all weeds claimed on both this product and Sutan+ 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.

**Use Precautions and Restrictions**: 1) Do not apply more than 3 lbs. a.i. (3.3 lbs. of this product) per acre per calendar year. 2) Do not apply more than once per calendar year. 3) Do not apply for at least one year after transplanting to avoid plant injury.

**CHRISTMAS TREE PLANTINGS AND SHELTERBELT NURSERIES, CHRISTMAS TREE PLANTINGS, SHELTERBELT NURSERIES**

Application: Apply 2.2 to 3.3 pounds of this product in at least 25 gallons of water per acre after transplanting.

**Use Precautions and Restrictions**: 1) Do not apply more than 40 lbs. a.i. (4.4 lbs. of this product) per acre per calendar year. 2) Do not apply more than twice per calendar year. 3) Do not use 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 Shelterbelts 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.

**Determine the appropriate rate specified above.**

**Conifers**

<table>
<thead>
<tr>
<th>Arborvitae</th>
<th>Austrian pine</th>
<th>Bishop pine*</th>
<th>Blue spruce</th>
<th>Douglas fir</th>
<th>Frasier red pine</th>
<th>Hemlock</th>
<th>Juniper</th>
</tr>
</thead>
</table>

* For CA only

**Red spruce**

<table>
<thead>
<tr>
<th>Red spruce</th>
<th>Scotch pine</th>
<th>White cedar</th>
<th>White fir</th>
<th>White pine</th>
<th>White spruce</th>
<th>Yew</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Taxus spp.)</td>
<td>(Taxus spp.)</td>
<td>(Taxus spp.)</td>
<td>(Taxus spp.)</td>
<td>(Taxus spp.)</td>
<td>(Taxus spp.)</td>
<td>(Taxus spp.)</td>
</tr>
</tbody>
</table>
**Deciduous Trees and Woody Ornamentals**

<table>
<thead>
<tr>
<th>American elm</th>
<th>Barberry</th>
<th>Bottle brush*</th>
<th>Boxelder</th>
<th>Brush honeysuckle</th>
<th>Caragana</th>
<th>Carob*</th>
<th>Cotoneaster</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dogwood</td>
<td>Eucalyptus</td>
<td>Holly (flex spp.)</td>
<td>Ivory locust</td>
<td>Oleaster*</td>
<td>Oregon grape (Mahonia spp.)</td>
<td>Palm</td>
<td>(max. 2.2 lbs./Ac.)*</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(max. 3.3 lbs./Ac.)</td>
<td></td>
<td></td>
<td></td>
<td>Pieris spp.</td>
<td>(max. 3.3 lbs./Ac.)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Red oak</td>
<td></td>
<td></td>
<td>Russian olive</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Siberian elm</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* For CA only

**TURFGRASSES FOR SOD (FL ONLY)**

Bermudagrass, Centipedegrass, St. Augustinegrass and Zoysia-grass: Apply 2.2 to 4.4 pounds of this product per acre according to soil texture, as indicated below:

<table>
<thead>
<tr>
<th>Muck or Peat</th>
<th>Sandy soil</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.4 lbs.</td>
<td>2.2 lbs.</td>
</tr>
<tr>
<td>Old beds</td>
<td>Old beds</td>
</tr>
<tr>
<td>2 to 4 days after lifting of sod</td>
<td>2 to 10 days after lifting of sod</td>
</tr>
<tr>
<td>New beds</td>
<td>New beds</td>
</tr>
<tr>
<td>3 to 4 days after spraying or plugging</td>
<td>7 to 10 days after spraying or plugging</td>
</tr>
</tbody>
</table>

**SURFLAN® TANK-MIX:** On Christmas tree plantings, use this tank-mix for pre-emergence control of weeds listed on this label and the Surflan 75W (or Surflan A.S.) 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 overtrop spray using 2.2 to 4.4 pounds of this product and the specified label rate of Surflan 75W or Surflan AS. Apply in sufficient water per acre to uniformly treat the area. Follow overtrop 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 product and Surflan labels.

**Note:** Length of weed control may be reduced when continuous wet soil conditions follow herbicide application.

**Use Precautions and Restrictions:**

1. Do not use on seedbeds or on unrooted cuttings.
2. Do not use in greenhouses or other enclosed areas.

**TURFGRASSES FOR SOD (In States Except FL)**

Bermudagrass, Centipedegrass, St. Augustinegrass, Zoysiagrass: Apply 1.1 to 2.2 pounds of this product per acre. Per acre (0.2 ounce of this product per 1,000 square feet). Use 1.1 to 2.2 pounds per acre (0.8 ounce per 1,000 square feet) per application. Maximum number of applications per calendar year is 2. Maximum total amount per calendar year is 4 lbs. a.i. (4.4 pounds of this product) per acre per application. Maximum number of applications per calendar year is 2. Maximum total amount per calendar year is 6 lbs. a.i. (6.6 pounds of this product) per acre. Do not apply within 30 days prior to cutting or lifting. Do not graze or feed turf clippings to animals or illegal residues may result.

**Use Precautions and Restrictions:**

1. Do not apply more than 2 lbs. a.i. (2.2 lbs. of this product) per application and no more than two applications per calendar year.
2. Do not apply more than 3 lbs. a.i. (3.3 lbs. of this product) per calendar year.
3. Do not apply more than 1 lbs. a.i. (1.1 lbs. of this product) per application.
4. Do not apply more than 1 lbs. a.i. (1.1 lbs. of this product) per acre (12 ounces of this product per 1,000 square ft.) per calendar year.
5. Maximum number of applications per calendar year is two.

**Note:** Do not graze or feed turf clippings to animals or illegal residues may result.

**TANK-MIXTURE WITH IMITATOR PLUS, ROUNDUP OR TOUCHDOWN:** 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 emerging Perennial weeds listed on the Roundup, Imitator Plus or Touchdown label. Add to the spray tank the specified rate of this product noted in the above section for this product alone. Then add the specified label rate of Roundup, Imitator Plus or Touchdown per acre depending on weeds present and their growth stage. 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 at the appropriate weed growth stage given on the Roundup, Imitator Plus or Touchdown 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.
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 bags carefully so as not to tear or puncture. Do not move containers from one area to another unless they are securely sealed. Keep containers tightly sealed when not in use. Do not allow bags to become wet or store near water supplies, food, feed and fertilizer to avoid contamination. Store in original container only. If the contents are leaking or material is spilled, follow these steps:
1. Collect and place in suitable containers for disposal.
2. Wash area with soap and water to remove remaining pesticide.
3. Follow washing with clean water rinse.
4. Do not allow run-off to enter sewer or contaminate water supplies.
5. Dispose of waste as indicated below.

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

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

WARRANTY—CONDITIONS OF SALE
THE 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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