DuPont™ Oust® Extra
herbicide

“......... A Growing Partnership With Nature”
DUPONT™ OUST® EXTRA HERBICIDE
HIGHLIGHTS

• "OUST® EXTRA controls many annual and perennial grasses and broadleaf weeds in conifer plantations and non-crop sites."

• "OUST® EXTRA may be used for general weed control on terrestrial non-crop sites and for selective weed control in certain types of unimproved turf grasses on these same sites."

• "OUST® EXTRA may also be used for selective weed control in conifer site preparation and in the release of certain conifers and hardwoods."

• "The best results are obtained when the application is made before or during the early stages of weed growth before weeds develop an established root system."

• "Do not apply more than 10 2/3 ounces per acre per year."

• "OUST® EXTRA can be tank mixed with other herbicides registered for use in conifer plantations and non-crop sites; when tank mixing use the most restrictive limitations from the labeling of both products."

• "Consult label text for complete instructions. Always read and follow label directions for use."

• "It is a violation of federal law to use this product in a manner inconsistent with its labeling."
TABLE OF CONTENTS

GENERAL INFORMATION ....................... 2
   Environmental Conditions and Biological Activity . 2
   Resistance ................................ 2
   Integrated Pest Management .................. 3
   Tank Mixtures .............................. 3
DIRECTIONS FOR USE ............................. 3
AGRICULTURAL USES ............................. 3
   AGRICULTURAL USE REQUIREMENTS ........... 3
   CONIFER PLANTATIONS ..................... 3
      Conifer Site Preparation .................. 4
      Conifer Release .......................... 5
      Specific Weed Problems ................... 5
         Kudzu ................................ 5
      Fertilizer Impregnation ................... 5
      Important Precautions—Conifer Plantations .... 6
NON-AGRICULTURAL USES ....................... 6
   NON-AGRICULTURAL USE REQUIREMENTS ........ 6
   NON-CROP SITES ............................. 6
      Weeds Controlled ......................... 7
      Specific Weed Problems ................... 7
         Kochia, Russian Thistle, and Prickly Lettuce . 7
         Kudzu ................................ 7
      TURF (UNIMPROVED ONLY) ................... 8
         Bermudagrass Release .................... 8
         Centipedegrass Release ................... 8
      Smooth Brome and Crested Wheatgrass ..... 8
         Release and Suppression ................. 8
      Important Precautions ................... 8
         —Unimproved Turf ....................... 8
GRASS REPLANT INTERVALS ..................... 9
IMPORTANT PRECAUTIONS ..................... 9
ADDITIONAL USE INSTRUCTIONS ............... 9
SPRAY EQUIPMENT .............................. 9
   Ground ................................... 9
   Air ..................................... 9
MIXING INSTRUCTIONS ......................... 10
SPRAYER CLEANUP .............................. 10
SPRAY DRIFT MANAGEMENT ..................... 10
STORAGE AND DISPOSAL ....................... 11
NOTICE OF WARRANTY .......................... 12
KEEP OUT OF REACH OF CHILDREN

CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se le explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail.)

FIRST AID

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

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

Have the product container label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-441-3637 for emergency medical treatment information.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS
AND DOMESTIC ANIMALS

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

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:

Long-sleeved shirt and long pants.

Shoes plus socks.

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

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

USER SAFETY RECOMMENDATIONS

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

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters.

This herbicide is injurious to plants at extremely low concentrations. Nontarget plants may be adversely effected from drift and run-off.
DuPont™ OUST® EXTRA herbicide is a dispersible granule that is mixed in water and applied as a spray or impregnated on dry, bulk fertilizer. OUST® EXTRA controls many annual and perennial grasses and broadleaf weeds in conifer plantations and non-crop sites. It also may be used to control certain hardwoods and vines when applied in site preparation treatments.

OUST® EXTRA may be used for general weed control on terrestrial non-crop sites and for selective weed control in certain types of unimproved turf grasses on these same sites. OUST® EXTRA may be used for the control of certain woody plants, vines and herbaceous weeds in site preparation and release of various conifers. OUST® EXTRA can be tank mixed with other herbicides registered for use in conifer plantations and non-crop sites; when tank mixing, use the most restrictive limitations from the labeling of both products.

Herbaceous weed are controlled by both preemergence and postemergence activity. The best results on undesirable hardwoods and vines are obtained with a foliar spray between full leaf expansion in the spring and normal defoliation in the fall. The best results are obtained when the application is made before or during the early stages of weed growth before weeds develop an established root system. Moisture is required to move OUST® EXTRA into the root zone of weeds for preemergence control.

This product may be applied on conifer plantations and non-crop sites that contain areas of temporary surface water caused by collection of water between planting beds, in equipment runs, or in other depressions created by management activities. It is permissible to treat intermittently flooded low lying sites, seasonally dry flood plains and transitional areas between upland and lowland sites when no water is present. It is also permissible to treat marshes, swamps and bogs after water has receded, as well as seasonally dry flood deltas. DO NOT make applications to natural or man-made bodies of water such as lakes, reservoirs, ponds, streams and canals.

A drift control agent may be used at the manufacturer's recommended rate in the application of OUST® EXTRA.

OUST® EXTRA is noncorrosive, nonflammable, nonvolatile and does not freeze.

For best postemergence results, apply OUST® EXTRA to young, actively growing weeds. The use rate depends upon the weed species, weed size at application, and soil texture. The degree and duration of control may depend on the following:
- weed spectrum and infestation intensity
- weed size at application
- environmental conditions at and following treatment
- soil pH, soil moisture, and soil organic matter

Use a high rate on established plants and on fine-textured soils and a lower rate on smaller weeds and coarse-textured soils.

OUST® EXTRA contains sulfometuron methyl. When applied alone or in combination with other products containing sulfometuron methyl, do not apply more than 6 ounces of active ingredient per acre per year.

OUST® EXTRA contains metolachlor methyl. When applied alone or in combination with other products containing metolachlor methyl, do not apply more than 2.4 ounces of active ingredient per acre per year.

ENVIRONMENTAL CONDITIONS AND BIOLOGICAL ACTIVITY

When applied as a spray, OUST® EXTRA is absorbed by both the roots and foliage of plants, rapidly inhibiting the growth of susceptible weeds. When applied on dry fertilizer, OUST® EXTRA is absorbed primarily by the roots. Two to 3 weeks after application to weeds, leaf growth slows, and the growing points turn reddish-purple. Within 4 to 6 weeks of application, leaf veins and leaves become discolored, and the growing points subsequently die.

Warm, moist conditions following application accelerate the herbicidal activity of OUST® EXTRA; cold, dry conditions delay the herbicidal activity. In addition, undesirable hardwoods, vines and weeds hardened-off by drought stress are less susceptible to OUST® EXTRA. Moisture is needed to move OUST® EXTRA into the soil for preemergence weed control.

RESISTANCE

When herbicides that affect the same biological site of action are used repeatedly over several years to control the same weed species in the same field, naturally-occurring resistant biotypes may survive a correctly applied herbicide treatment, propagate, and become dominant in that field. Adequate control of these resistant weed biotypes cannot be expected. If weed control is unsatisfactory, it may be necessary to retreat the problem area using a product affecting a different site of action.

To better manage herbicide resistance through delaying the proliferation and possible dominance of herbicide resistant weed biotypes, it may be necessary to change cultural practices within and between crop seasons such as using a combination of tillage, retreatment, tank-mix partners and/or sequential herbicide applications that have a different site of action. Weed escapes that are allowed to go to seed will promote the spread of resistant biotypes.

It is advisable to keep accurate records of pesticides applied to individual fields to help obtain information on the spread and dispersal of resistant biotypes. Consult your agricultural dealer, consultant, applicator, and/or appropriate state agricultural extension service representative for specific alternative cultural practices or herbicide recommendations available in your area.
INTEGRATED PEST MANAGEMENT

This product may be used as part of an Integrated Pest Management (IPM) program that can include biological, cultural, and genetic practices aimed at preventing economic pest damage. IPM principles and practices include field scouting or other detection methods, correct target pest identification, population monitoring, and treating when target pest populations reach locally determined action thresholds. Consult your state cooperative extension service, professional consultants or other qualified authorities to determine appropriate action treatment threshold levels for treating specific pest/crop systems in your area.

TANK MIXTURES

DuPont™ OUST® EXTRA may be tank mixed with other herbicides and/or adjuvants registered for use in conifer plantations, non-crop sites and unimproved turf.

Refer to the tank mixture partner label for any additional use instructions or restrictions.

DIRECTIONS FOR USE

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

OUST® EXTRA should be used only in accordance with recommendations on this label or in DuPont supplemental labeling.

DuPont will not be responsible for losses or damages resulting from the use of this product in any manner not specifically recommended by DuPont. User assumes all risks associated with such nonrecommended use.

Do not apply more than 10 2/3 ounces per acre per year.

Do not use on food or feed crops.

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 in your State responsible for pesticide regulation.

AGRICULTURAL USES

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (RED) of 4 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls.
- Chemical resistant gloves made of any waterproof material, such as, polyethylene or polyvinylchloride.
- Shoes plus socks.

CONIFER PLANTATIONS

APPLICATION INFORMATION

When applied as a spray, OUST® EXTRA is recommended to control certain undesirable woody plants, vines and many broadleaf weeds and grasses in conifer plantation sites.

Apply sprays by ground equipment or by helicopter. Apply impregnated fertilizer by ground equipment or by air (helicopter or fixed wing aircraft) to control broadleaf weeds and grasses.

When applied as a spray, OUST® EXTRA controls woody plants and vines by postemergent foliar activity. The best results are obtained with a foliar spray between full leaf expansion in the spring and normal defoliation in the fall.

OUST® EXTRA may be tank mixed with other herbicides registered for use in conifer plantations; when tank mixing use the most restrictive limitations from the labels of both products.

APPLICATION TIMING

To control broadleaf weeds and grasses, apply OUST® EXTRA sprays before herbaceous weeds emerge or shortly thereafter. Apply impregnated fertilizer before weeds emerge.

APPLICATION RATES

Apply OUST® EXTRA at the rates indicated by conifer species. Use a lower rate on coarse-textured soils (i.e., loamy sands, sandy loams) and a higher rate on fine-textured soils (i.e. sandy clay loams and silty clay loams).

WEEDS CONTROLLED

OUST® EXTRA effectively controls or suppresses the weeds and vines listed under the "Weeds Controlled" in the Non-Crop section of this label when applied at the rates specified.
**CONIFER SITE PREPARATION**

**APPLICATION BEFORE TRANSPLANTING**

Make all applications before transplanting to control specified hardwoods, vines, broadleaf weeds and grasses. To improve control of targeted pests, add a surfactant at the rate specified on the manufacturer’s label or as limited by the companion product (tank mixtures) label.

**USE RATES FOR SELECTED SPECIES**

**USE RATES BEFORE TRANSPLANTING CONIFERS**

<table>
<thead>
<tr>
<th>Species</th>
<th>Rate ounces/acre</th>
<th>When to Transplant Into Treated Areas</th>
</tr>
</thead>
<tbody>
<tr>
<td>Loblolly Pine</td>
<td>3 to 4</td>
<td>Planting season following application.</td>
</tr>
<tr>
<td>Longleaf Pine</td>
<td></td>
<td>Planting season following application.</td>
</tr>
<tr>
<td>Slash Pine</td>
<td>3</td>
<td>Not less than 13 months following application.</td>
</tr>
<tr>
<td>Black Spruce</td>
<td>2 2/3 to 5 1/3</td>
<td>The following spring or summer but not less than 3 months after application. Areas receiving 2/3 to 1 1/3 oz/acre may be transplanted in a min. of 30 days following application.</td>
</tr>
<tr>
<td>Red Pine</td>
<td>1 1/3 to 2 2/3</td>
<td>Planting season following application.</td>
</tr>
<tr>
<td>Douglas Fir</td>
<td>2 2/3 to 5 1/3</td>
<td>Planting season following application.</td>
</tr>
<tr>
<td>Sitka Spruce</td>
<td>2 2/3 to 5 1/3</td>
<td>Planting season following application.</td>
</tr>
<tr>
<td>Western Hemlock</td>
<td>2 2/3 to 5 1/3</td>
<td>Planting season following application.</td>
</tr>
<tr>
<td>Ponderosa Pine</td>
<td>2 2/3 to 5 1/3</td>
<td>Arid regions: Apply in fall and plant the next spring. West of Cascades: Planting season following application.</td>
</tr>
<tr>
<td>Western Red Cedar</td>
<td>2.0 to 3.0</td>
<td>Planting season following application.</td>
</tr>
<tr>
<td>Grand Fir</td>
<td>2.0 to 3.0</td>
<td>Planting season following application.</td>
</tr>
</tbody>
</table>

Other species of conifers may be planted providing the user has experience indicating acceptable tolerance to DuPont™ OUST® EXTRA. Without prior experience, it is recommended that small area plantings be tested for tolerance to OUST® EXTRA before large scale plantings are made. The user accepts all responsibility for injury on any conifer species not listed above.

**TANK MIXTURES**

**South/Southeast US**

OUST® EXTRA may be tank mixed with site preparation treatments applied in the late summer to broaden the spectrum of undesirable hardwoods controlled and provide herbaceous weed control in the year following transplanting. The tank mixture rates recommended below are for the specific brush species listed in each section or in the tank mixture partner label.

**GLYPHOSATE**

Tank mix 4 to 8 ounces of OUST® EXTRA with 2 to 10 pounds of active ingredient (isopropylamine salt) of glyphosate per acre. Refer to the glyphosate product container for a list of species controlled.

**IMAZAPYR**

Tank mix 4 to 8 ounces of OUST® EXTRA with 5 to 12 ounces of active ingredient (isopropylamine salt) of imazapyr per acre. This tank mixture controls:

- Cherry
- Dogwood
- Elms
- Hickory
- Oak, red
- Oak, water
- Persimmon
- Sassafrass
- Sweetgum

**GLYPHOSATE + IMAZAPYR**

Mix 3 to 4 ounces of OUST® EXTRA with 8 to 32 ounces of active ingredient (isopropylamine salt) of glyphosate plus 5 to 6 ounces of active ingredient (isopropylamine salt) of imazapyr per acre. This tank mixture controls:

- Cherry
- Dogwood
- Elms
- Hickory
- Oak, red
- Oak, water
- Persimmon
- Sassafrass
- Sweetgum

*Suppression - a visible reduction in plant population and/or plant vigor as compared to an untreated area and generally not accepted as control.

**DUPONT™ VELPAR® DF, VELPAR® L OR VELPAR® ULW**

Tank mix 4 to 8 ounces of OUST® EXTRA per acre with the rates recommended on the VELPAR® label for various soil textures. Refer to the VELPAR® product label for a list of species controlled.

**IMPROVED BRUSH CONTROL**

Following a spring VELPAR® ULW application, a tank mixture of OUST® EXTRA at 4 ounces per acre plus a minimum of 2.5 ounces of active ingredient imazapyr (isopropylamine salt) per acre will provide improved brush control.

These brush species include but are not limited to:

- American beautyberry  
  Callicarpa americana
- Southern dewberry  
  Rubus spp
- Huckleberry  
  Vaccinium spp.

Application should be made in the summer or fall following a spring application of VELPAR® ULW. For best results make the application after brush species have completely defoliated twice following the VELPAR® ULW application and defoliation of target brush species is evident.

OUST® EXTRA applied at this time will provide herbaceous weed control into the early growing season of the year following application. This treatment also targets brush species remaining after the spring VELPAR® ULW application.

Loblolly, slash, and longleaf pine may be transplanted the planting season following application.

Where burning is desired, burn only after adequate rainfall has occurred to move OUST® EXTRA into the soil. Soil disturbance from bedding or plowing may reduce spring herbaceous weed control.
CONIFER RELEASE
APPLICATION AFTER TRANSPLANTING
Apply DuPont® OUST® EXTRA after transplanting to control certain species of hardwoods, broadleaf weeds and grasses as listed in the Weeds Controlled list in the Non-Crop section of this label.

USE RATES FOR SELECTED SPECIES
Use Rates After Transplanting Conifers

<table>
<thead>
<tr>
<th>Species</th>
<th>Rate (ounces/acre)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Loblolly Pine</td>
<td>2 2/3 to 4</td>
</tr>
<tr>
<td>Slash Pine</td>
<td>2 2/3 to 3</td>
</tr>
</tbody>
</table>

TANK MIXTURES

HERBACEOUS WEED CONTROL

For loblolly pines, apply OUST® EXTRA at 2 to 4 ounces per acre plus imazapyr (4 pound active per gallon) at 4 to 6 fluid ounces per acre.

For slash pines, apply OUST® EXTRA at 2 ounces per acre plus imazapyr at 4 fluid ounces per acre.

This tank mixture controls:

<table>
<thead>
<tr>
<th>Common ragweed</th>
<th>Late bonset</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dogfennel</td>
<td>Panicgrass</td>
</tr>
<tr>
<td>Fireweed</td>
<td>Pokeweed</td>
</tr>
</tbody>
</table>

In addition to the herbaceous weeds listed, this tank mixture will aid in the suppression of perennial grasses, such as, bermudagrass and johnsongrass.

UNDESIRABLE HARDWOOD CONTROL

Apply 4 ounces of OUST® EXTRA with 8 to 16 fluid ounces of imazapyr (4 pound active per gallon) per acre to control herbaceous weeds, grasses and undesirable hardwoods. Some minor conifer growth inhibition may be observed when release treatments are made during periods of active conifer growth. To minimize potential conifer height growth inhibition, broadcast release treatments may be made late in the growing season.

For loblolly pine, a registered conifer release surfactant may be added at the rate recommended on the surfactant label.

For slash pine, over the top broadcast release treatments must be made after mid-August and only in stands 2 to 5 years old. For over the top applications to slash pine do not add a surfactant. For light (sandy) soils do not exceed 12 fluid ounces of imazapyr (4 pound active per gallon) per acre.

This tank mixture controls:

<table>
<thead>
<tr>
<th>Ash</th>
<th>Myrtle dahooon</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black gum</td>
<td>Oak, red</td>
</tr>
<tr>
<td>Blackberry*</td>
<td>Oak, white</td>
</tr>
<tr>
<td>Cherry</td>
<td>Oak, water</td>
</tr>
<tr>
<td>Dogwood*</td>
<td>Persimmon*</td>
</tr>
<tr>
<td>Elms*</td>
<td>Red maple*</td>
</tr>
<tr>
<td>Hawthorn</td>
<td>Sassafrass</td>
</tr>
<tr>
<td>Hickories*</td>
<td>Sweetgum</td>
</tr>
<tr>
<td>Honeysuckle</td>
<td>Vaccinium</td>
</tr>
<tr>
<td>Hophornbeam</td>
<td></td>
</tr>
</tbody>
</table>

*Suppression - a visible reduction in plant population and/or plant vigor as compared to an untreated area and generally not accepted as control.

SPECIFIC WEED PROBLEMS
SITE PREPARATION OR AFTER PLANTING KUDZU

OUST® EXTRA applied at 8 ounces per acre is recommended as part of a kudzu abatement program. Retreatment of any re-sprouting kudzu crowns following the initial treatment is necessary to fully control kudzu. Make applications to kudzu after leaves are fully mature and the plant has begun to bloom. Applications may continue until first frost. Apply OUST® EXTRA as a broadcast treatment for the initial application. Use spot-spray or broadcast follow-up applications as needed for thorough coverage. Thoroughly treat foliage and stems (spray-to-wet) without excess runoff. For handgun applications use a minimum of 100 gallons per acre. Boom or boom-less sprayer applications made by ground or air (helicopter only) equipment should use a minimum of 30 gallons per acre per application pass. Double pass applications from different directions can improve spray coverage. Prior to planting use a non-ionic surfactant (90% active ingredient) at the rate of 1 quart per 100 gallons of spray solution (0.25% v/v). After planting use a crop oil concentrate at the rate of 1 quart per 100 gallons of spray solution.

FERTILIZER IMPREGNATION

Dry bulk fertilizer may be impregnated or coated with OUST® EXTRA for application in the establishment of conifer plantations.

IMPRESSION

To impregnate the fertilizer, use a system consisting of a conveyor or closed drum used to blend dry bulk fertilizer. Some fertilizers such as potassium nitrate, sodium nitrate and triple super phosphate are not compatible with OUST® EXTRA. Diammonium phosphate, potassium chloride, 16-16-16 and 24-4-4 have been used successfully. Do not use OUST® EXTRA on limestone.

If fertilizer materials are excessively dusty, use a suitable additive to reduce dust prior to impregnation. Dusty fertilizer may result in poor distribution and excessive risk of drift during application. The dry fertilizer must be properly impregnated and uniformly applied to avoid potential tree injury or mortality and poor weed control.

Consult the Application Rates section of this label for the appropriate rate of OUST® EXTRA to be used per acre. Apply this amount of OUST® EXTRA to the volume of fertilizer to be applied per acre. To impregnate dry bulk fertilizer, mix the amount of OUST® EXTRA as prescribed above in a sufficient quantity of water to uniformly coat the desired amount of fertilizer. Suspensions of OUST® EXTRA will require thorough agitation. Direct the spray nozzles to deliver a fine spray of the mixture toward the fertilizer for uniform coverage. The use of a colorant may be beneficial to visually determine the uniformity of impregnation.

Impregnation of OUST® EXTRA to dry bulk fertilizer may vary. If absorption of the impregnating spray by the fertilizer is not adequate, the use of an absorptive powder or additive,
such as Microcel E (Johns Manville Product Company) or HiSil - 233 (Pittsburgh Plate Glass) may be required to produce a dry, free-flowing mixture.

Apply impregnated fertilizer as soon as possible after impregnation for optimum performance. Impregnated fertilizer may become lumpy and difficult to apply following storage.

Uniform and precise application of the fertilizer impregnated with DuPont™ OUST® EXTRA is essential for satisfactory weed control and to minimize tree injury.

Follow the instructions for spray tank cleanout on this label for cleaning the equipment used to impregnate, transport, and apply the fertilizer.

Low rates of OUST® EXTRA can kill or severely injure most crops. Following a OUST® EXTRA application, the use of spray equipment to apply other pesticides to crops on which OUST® EXTRA or its active ingredients are not registered may result in their damage. The most effective way to reduce this crop damage potential is to use dedicated mixing and application equipment.

**BROADCAST APPLICATION**

Applications may be made by ground or air (helicopter or fixed wing aircraft). Accurate calibration of the application equipment is essential for uniform distribution on the soil surface. Overlaps or skips between adjoining swaths or non-uniform distribution of impregnated fertilizer within the swath will deliver poor results and may result in tree injury or mortality.

**IMPORTANT PRECAUTIONS **

**CONIFER PLANTATIONS ONLY**

- Applications of OUST® EXTRA made to conifers that are suffering from loss of vigor caused by insects, diseases, drought, winter damage, animal damage, excessive soil moisture, planting shock, previous agricultural practices, or other stresses, may injure or kill the trees.

- Applications of OUST® EXTRA made after transplanting should only be made after adequate rainfall has closed the planting slit and settled the soil around the roots following transplanting.

- Do not apply OUST® EXTRA to conifers grown for Christmas trees or ornamentals.

- Do not use a surfactant with OUST® EXTRA for herbaceous weed control when making over the top applications to conifer seedlings in the spring after transplanting. A surfactant specifically registered for conifer release may be used when targeting specific weed problems, such as, undesirable hardwoods. Refer to the surfactant label for recommended use rates.

- OUST® EXTRA applications may result in damage and mortality to other species of trees when they are present on sites with those listed in the preceding recommendations for conifer plantations uses.

**NON-AGRICULTURAL USES**

**NON-AGRICULTURAL USE REQUIREMENTS**

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Use on noncrop sites and turf (unimproved) are not within the scope of the Worker Protection Standard.

Do not enter or allow others to enter the treated area until sprays have dried.

**NON-CROP SITES**

**APPLICATION INFORMATION**

OUST® EXTRA is recommended for general weed and brush control as follows: uncultivated nonagricultural areas (such as, airports, highway, railroad and utility right-of way, sewage disposal areas); uncultivated agricultural areas (non-crop producing, which includes: farmyards, fuel storage areas, fence rows, barrier strips); industrial sites (outdoor, such as, lumberyards, pipeline and tank farms).

OUST® EXTRA is not recommended for use on recreation areas or for direct application to paved areas (surfaces).

Apply OUST® EXTRA as a preemergence or early postemergence spray before or during the rainy season when weeds are actively germinating or growing.

Apply by ground or helicopter.

Combination with other herbicides broadens the spectrum of weeds controlled. In addition, total vegetation control can be achieved with higher rates of OUST® EXTRA plus residual-type companion herbicides. To improve the control of weeds, add surfactant at the rate of 0.25% by volume or at the rate specified on the manufacturer’s label.

Apply OUST® EXTRA at the rates indicated by weed type. When applied at lower rates, OUST® EXTRA provides short term control of weeds listed; when applied at higher rates, weed control is extended.
**WEEDS CONTROLLED**

DuPont™ OUST® EXTRA effectively controls the following broadleaf weeds and grasses when applied at the rates shown in non-crop sites:

**OUST® EXTRA—2 2/3 TO 3 OUNCES PER ACRE**

<table>
<thead>
<tr>
<th>Annual bluegrass</th>
<th>Lambquarters</th>
<th>Black mustard</th>
<th>Blackeyed-susan</th>
</tr>
</thead>
<tbody>
<tr>
<td>Annual sowthistle</td>
<td>Little barley</td>
<td>Bouncingbet</td>
<td>Blue mustard</td>
</tr>
<tr>
<td>Aster</td>
<td>Marestail/horseweed*</td>
<td>Bur buttercup</td>
<td>Peison hemlock</td>
</tr>
<tr>
<td>Batragnia</td>
<td>Maximillion sunflower</td>
<td>Bur clover</td>
<td>Prickly cooltail</td>
</tr>
<tr>
<td>Barnyard grass</td>
<td>Medusalead</td>
<td>Carolina geranium</td>
<td>Rattlesnake plant</td>
</tr>
<tr>
<td>Beackchervil</td>
<td>Miners lettuce</td>
<td>Chicory</td>
<td>Rye</td>
</tr>
<tr>
<td>Bearded sprangletop</td>
<td>Mouseear chickweed</td>
<td>Clover</td>
<td>Sands ****</td>
</tr>
<tr>
<td>Beebalm</td>
<td>Oxeye daisy</td>
<td>Cocklebur</td>
<td>Common chickweed</td>
</tr>
<tr>
<td>Bitter sneezeweed</td>
<td>Pennsylvania smartweed</td>
<td>Common chickweed</td>
<td>Common groundsel</td>
</tr>
<tr>
<td>Black mustard</td>
<td>Pepperweed</td>
<td>Common mallow</td>
<td>Common mallow</td>
</tr>
<tr>
<td>Blackeyed-susan</td>
<td>Plains coreopsis</td>
<td>Common mulein</td>
<td>Common mulein</td>
</tr>
<tr>
<td>Blue mustard</td>
<td>Plantain</td>
<td>Common pokeweed</td>
<td>Common pokeweed</td>
</tr>
<tr>
<td>Bouncingbet</td>
<td>Poison hemlock</td>
<td>Common purslane</td>
<td>Common purslane</td>
</tr>
<tr>
<td>Bur buttercup</td>
<td>Prickly cooltail</td>
<td>Common ragweed</td>
<td>Common ragweed</td>
</tr>
<tr>
<td>Bur clover</td>
<td>Red broom</td>
<td>Common speedwell</td>
<td>Common speedwell</td>
</tr>
<tr>
<td>Carolina geranium</td>
<td>Red clover</td>
<td>Common tansy</td>
<td>Common tansy</td>
</tr>
<tr>
<td>Chicory</td>
<td>Redroot pigweed</td>
<td>Common vetch</td>
<td>Common vetch</td>
</tr>
<tr>
<td>Clover</td>
<td>Redstem filaree</td>
<td>Common yarrow</td>
<td>Common yarrow</td>
</tr>
<tr>
<td>Cocklebur</td>
<td>Reed Canarygrass</td>
<td>Conical cattail</td>
<td>Conical cattail</td>
</tr>
<tr>
<td>Common chickweed</td>
<td>Rippit broome</td>
<td>Corn cockle</td>
<td>Corn cockle</td>
</tr>
<tr>
<td>Common groundsel</td>
<td>Rough fleabane</td>
<td>Cow cockle</td>
<td>Crown vetch</td>
</tr>
<tr>
<td>Common mallow</td>
<td>Rye</td>
<td>Dandelion</td>
<td>False chamomile</td>
</tr>
<tr>
<td>Common mulein</td>
<td>Sandbur (Southern, field)</td>
<td>Downy brome (cheat)</td>
<td>False chamomile</td>
</tr>
<tr>
<td>Common pokeweed</td>
<td>Seaside helicotrope</td>
<td>False chamomile</td>
<td>False chamomile</td>
</tr>
<tr>
<td>Common purslane</td>
<td>Shepherd's purse</td>
<td>False chamomile</td>
<td>False chamomile</td>
</tr>
<tr>
<td>Common ragweed</td>
<td>Signalgrass</td>
<td>False chamomile</td>
<td>False chamomile</td>
</tr>
<tr>
<td>Common speedwell</td>
<td>Silky crazyweed</td>
<td>False chamomile</td>
<td>False chamomile</td>
</tr>
<tr>
<td>Common tansy</td>
<td>Smallseed falseflax</td>
<td>False chamomile</td>
<td>False chamomile</td>
</tr>
<tr>
<td>Common vetch</td>
<td>Smooth pigweed</td>
<td>False chamomile</td>
<td>False chamomile</td>
</tr>
<tr>
<td>Common yarrow</td>
<td>Snowberry, western</td>
<td>False chamomile</td>
<td>False chamomile</td>
</tr>
<tr>
<td>Conical cattail</td>
<td>Spreading crach</td>
<td>Cow cockle</td>
<td>Crown vetch</td>
</tr>
<tr>
<td>Corn cockle</td>
<td>Sweet clover</td>
<td>Dandelion</td>
<td>False chamomile</td>
</tr>
<tr>
<td>Cow cockle</td>
<td>Tansy ragwort</td>
<td>Downty brome</td>
<td>False chamomile</td>
</tr>
<tr>
<td>Crown vetch</td>
<td>Tansymustard</td>
<td>False chamomile</td>
<td>False chamomile</td>
</tr>
<tr>
<td>Dandelion</td>
<td>Treacle mustard</td>
<td>False chamomile</td>
<td>False chamomile</td>
</tr>
<tr>
<td>Downy brome (cheat)</td>
<td>Tumble mustard</td>
<td>False chamomile</td>
<td>False chamomile</td>
</tr>
<tr>
<td>False chamomile</td>
<td>Tumble pigweed</td>
<td>False chamomile</td>
<td>False chamomile</td>
</tr>
<tr>
<td>Fescue</td>
<td>Western ragweed</td>
<td>False chamomile</td>
<td>False chamomile</td>
</tr>
<tr>
<td>Fiddleneck tarweed</td>
<td>Wheat</td>
<td>False chamomile</td>
<td>False chamomile</td>
</tr>
<tr>
<td>Field pennycress</td>
<td>Whitetop</td>
<td>False chamomile</td>
<td>False chamomile</td>
</tr>
<tr>
<td>Flaxweed</td>
<td>Whitestem filaree</td>
<td>False chamomile</td>
<td>False chamomile</td>
</tr>
<tr>
<td>Florida pusley</td>
<td>Wild barley</td>
<td>False chamomile</td>
<td>False chamomile</td>
</tr>
<tr>
<td>Foxtail barley</td>
<td>Wild carrot</td>
<td>False chamomile</td>
<td>False chamomile</td>
</tr>
<tr>
<td>Foxtail fescue</td>
<td>Wild garlic</td>
<td>False chamomile</td>
<td>False chamomile</td>
</tr>
<tr>
<td>Goldenrod</td>
<td>Wild lettuce</td>
<td>False chamomile</td>
<td>False chamomile</td>
</tr>
<tr>
<td>Greek foxtail</td>
<td>Wild mustard</td>
<td>False chamomile</td>
<td>False chamomile</td>
</tr>
<tr>
<td>Hairy vetch</td>
<td>Wild oat</td>
<td>False chamomile</td>
<td>False chamomile</td>
</tr>
<tr>
<td>Hop clover</td>
<td>Willow</td>
<td>False chamomile</td>
<td>False chamomile</td>
</tr>
<tr>
<td>Houndstongue</td>
<td>Wood sorrel</td>
<td>False chamomile</td>
<td>False chamomile</td>
</tr>
<tr>
<td>Italian ryegrass</td>
<td>Woolly croton</td>
<td>False chamomile</td>
<td>False chamomile</td>
</tr>
<tr>
<td>Japanese stiltgrass</td>
<td>Yankeweed</td>
<td>False chamomile</td>
<td>False chamomile</td>
</tr>
<tr>
<td>Johnsongrass</td>
<td>Yellow foxtail</td>
<td>False chamomile</td>
<td>False chamomile</td>
</tr>
</tbody>
</table>
| Jointed goatgrass | *Certain biotypes of marestail/horseweed are less sensitive to OUST® EXTRA and may be controlled by tank mixes with herbicides with a different mode of action.

---

**OUST® EXTRA—3 TO 4 OUNCES PER ACRE**

| Black hemban | Honeysuckle |
| Blackberry | Multiflora rose (wild roses) |
| Broom snakweed | Musk thistle |
| Buckhorn plantain | Panics (annual) |
| Bull thistle | Plumeless thistle |
| Common crupina | Pooram |
| Common sunflower | Prostrate knottweed |
| Crabgrass | Rosering gaillardia |
| Curly dock | Scotch thistle |
| Dewberry | Seaside arrowgrass |
| Dogfennel | Sesirac lepedezia |
| Dyer's woad | Snowberry |
| Fireweed | St. Johns Wort |
| Gorse | Teasel |
| Gunweed | White snakeroot |
| Haleskeoson | Whitetop, hairy |
| Henbit | Wild caraway |

---

**OUST® EXTRA—4 TO 5 1/3 OUNCES PER ACRE**

| Crimson clover | Perennial pepperweed |
| Dogfennel | Purple starthistle |
| Giant foxtail | Rush |
| Giant ragweed | Yellow mutesedge |
| Little mallow | Yellow rockef |
| Palmer pigweed | Yellow rockef |

**Note:** Use the higher level of recommended rate ranges under the following conditions:

- heavy weed growth
- soils containing more than 2-1/2% organic matter
- high soil moisture areas, such as along road edges or railroad shoulders

**SPECIFIC WEED PROBLEMS**

**KOCHIA, RUSSIAN THISTLE, AND PRICKLY LETTUCE**

Since biotypes of kochia, marestail, Russian thistle, and prickly lettuce are known to be resistant to OUST® EXTRA, tank mixture combinations with herbicides having different modes of action, such as DuPont™ KARMEX® XP, DuPont™ HYVAR® X or DuPont™ KROVAR® 1 DF, must be used. In areas where resistance is known to exist, these weeds should be treated postemergence with other herbicides registered for their control, such as 2,4-D or dicamba. Do not allow kochia, Russian thistle, or prickly lettuce to form mature seed.

**KUDZU**

OUST® EXTRA applied at 8 ounces per acre is recommended as part of a kudzu abatement program. Retreatment of any re-sprouting kudzu crowns following the initial treatment is necessary to fully control kudzu. Make applications to kudzu after leaves are fully mature and the plant has begun to bloom. Applications may continue until first frost. Apply OUST® EXTRA as a broadcast treatment for the initial application. Use spot-spray or broadcast follow-up applications as needed for thorough coverage. Thoroughly treat foliage and stems (spray-to-wet) without excess runoff. For handgun applications use a minimum of 100 gallons per acre. Boom or boom-less sprayer applications made by ground or air (helicopter only) equipment should use a
minimum of 30 gallons per acre per application pass. Double pass applications from different directions can improve spray coverage. Use a non-ionic surfactant (90% active ingredient) or crop oil concentrate at the rate of 1 quart per 100 gallons of spray solution (0.25% v/v).

**TANK MIX COMBINATIONS**
To improve preemergence to early postemergence control of weeds and grasses, add 2 2/3 to 5 1/3 ounces of DuPont™ OUST® EXTRA per acre to the recommended rates of the following herbicides: DuPont™ HYVAR® X herbicide, DuPont™ KARMEX® XP herbicide, DuPont™ KROVAR® 1DF herbicide, DuPont™ VELPAR® L herbicide, VELPAR® DF herbicide, DuPont™ TELAR® herbicide, glyphosate, dicamba, or 2,4-D.

Apply OUST® EXTRA plus a companion herbicide at the rates and timing as shown on package labels for target weeds. For application method and other use specifications, use the most restrictive directions for the intended combination.

Do not tank mix OUST® EXTRA with HYVAR® X-L herbicide.

**TURF (UNIMPROVED ONLY)**

**APPLICATION INFORMATION**
OUST® EXTRA is recommended to control weeds on unimproved turf, on roadsides, or on other non-crop sites where the turf is well established as a ground cover. Applications may temporarily suppress grass growth and inhibit seedhead formation (chemical mowing).

**BERMUDAGRASS RELEASE**

**APPLICATION TIMING**
Apply OUST® EXTRA at 1/2 to 2 ounces per acre after bermudagrass has broken dormancy and is well established, usually 30 days after initial spring flush. If additional applications are necessary, apply OUST® EXTRA again during late spring to early summer. On established weeds, apply OUST® EXTRA 1 to 2 weeks after mowing for the best results.

OUST® EXTRA may also be applied in late fall or early winter. Use the lower rates on small seedling weeds and a higher rate on larger weeds.

**TANK MIX COMBINATIONS—BERMUDAGRASS (SOUTH ONLY)**
Apply 1 to 2 ounces OUST® EXTRA per acre as a tank mix with 3 to 4 pounds active ingredient of MSMA per acre on well established bermudagrass during the summer. Refer to the MSMA package label for a list of additional weeds that may be controlled. Two or more sequential applications of MSMA alone may be necessary to maintain weed control.

**CENTIPEDEGRASS RELEASE**

**APPLICATION TIMING**
Apply 1/2 to 2 ounces per acre of OUST® EXTRA in the fall or early winter, or in the early summer following green-up of the centipede. Refer to the listing of Weeds Controlled in this section for use rates and species controlled by OUST® EXTRA.

**SMOOTH BROME AND CRESTED WHEATGRASS RELEASE AND SUPPRESSION**

**APPLICATION TIMING**
Apply 1/2 to 1 1/2 ounce per acre of OUST® EXTRA per acre to turf after green-up and before seedheads emerge (boot stage). Ensure that desirable grasses are well-established at application, as premature treatment may result in top kill and stand reduction of desirable turf. Make only one application per year.

**WEEDS CONTROLLED**
OUST® EXTRA may be used to control the following weeds in turf (unimproved only) when applied at the use rates shown.

**OUST® EXTRA—1/2 TO 1 OUNCE PER ACRE**

<table>
<thead>
<tr>
<th>Aster (except heath aster)</th>
<th>Field pennycress</th>
</tr>
</thead>
<tbody>
<tr>
<td>Buttercrump</td>
<td>Fleabanes</td>
</tr>
<tr>
<td>Common broomweed</td>
<td>Goldenrod</td>
</tr>
<tr>
<td>Common chickery</td>
<td>Little barley</td>
</tr>
<tr>
<td>Common chickweed</td>
<td>Mouse ear chickweed</td>
</tr>
<tr>
<td>Common sunflower</td>
<td>Redroot pigweed</td>
</tr>
<tr>
<td>Common vetch</td>
<td>Sweetclover</td>
</tr>
<tr>
<td>Common yarrow</td>
<td>Tansy mustard</td>
</tr>
<tr>
<td>Curly dock</td>
<td>White clover</td>
</tr>
<tr>
<td>False chamomile</td>
<td>Wild garlic</td>
</tr>
</tbody>
</table>

**OUST® EXTRA—1 TO 2 OUNCES PER ACRE**

| Bitter sneezeweed        | Hop clover       |
| Buckhorn plantain        | Japanese stiltgrass |
| Carolina geranium        | Jointed goatgrass |
| Cheat (Downy brome)      | Mecushead        |
| Common dandelion         | Musk thistle     |
| Common mulein            | Prairie coneflower |
| Common ragweed           | Redstem filaree  |
| Crimson clover           | Tumble mustard   |
| Evening primrose         | Wild carrot      |
| Foxtail barley           | Wild oats        |
| Giant ragweed            | Wild parsnip     |
| Hairy vetch              |                  |

**IMPORTANT PRECAUTIONS UNIMPROVED TURF**

- Excessive injury to turf may result if a surfactant is used with OUST® EXTRA applications made to actively growing turf. The user assumes all responsibility for turf injury if a surfactant is used with OUST® EXTRA treatments applied to actively growing turf.
- OUST® EXTRA may temporarily discolor or cause top kill of turf grasses. Applications made while turf is dormant may delay green-up in the spring.
- Annual retreatments may reduce vigor, particularly at the higher recommended rates, where bahiagrass, crested wheatgrass and smooth brome are grown.
- OUST® EXTRA application on turf that is under stress from drought, insects, disease, cold temperatures or late spring frost, may result in injury.
GRASS REPLANT INTERVALS

Following a treatment with DuPont™ OUST® EXTRA at use rates up to 2 ounces per acre the following grasses may be replanted:

- Alta fescue
- Meadow foxtail
- Orchardgrass
- Smooth brome
- Sheep fescue
- Western wheatgrass

The intervals recommended are for soils with a pH of less than 7.5. Soils having a pH greater than 7.5 will require longer intervals. The recommended intervals are for applications made in the spring. Because OUST® EXTRA degradation is slowed by cold or frozen soils, applications made in the fall should consider the intervals as beginning in the spring following treatment.

Testing has indicated that there is considerable variation in response among species of grasses when seeded into areas treated with OUST® EXTRA. If species other than those listed above are to be planted into areas treated with OUST® EXTRA a field bioassay should be performed, or previous experience may be used to determine the feasibility of replanting treated areas.

IMPORTANT PRECAUTIONS FOR CONIFER PLANTATIONS, NON-CROP SITES AND TURF

Injury to or loss of desirable trees or other plants may result from failure to observe the following:

- If equipment is drained or flushed on or near desirable trees or other plants, or on areas where their roots may extend, or in locations where the chemical may be washed or moved into contact with their roots.
- Treatment of powdery, dry soil or light, sandy soil when there is little likelihood of rainfall soon after treatment may result in off target movement and possible damage to susceptible crops when soil particles are moved by wind or water. Injury to crops may result if treated soil is washed, blown, or moved onto land used to produce crops. Exposure to OUST® EXTRA may injure or kill most crops. Injury may be more severe when the crops are irrigated. Do not apply OUST® EXTRA when these conditions are identified and powdery, dry soil or light or sandy soil are known to be prevalent in the area to be treated.
- Applications made where runoff water flows onto agricultural land may injure crops. Applications made during periods of intense rainfall, to soils saturated with water, surfaces paved with materials such as asphalt or concrete, or soils through which rainfall will not readily penetrate may result in runoff and movement of OUST® EXTRA. Do not treat frozen soil. Treated soil should be left undisturbed to reduce the potential for OUST® EXTRA movement by soil erosion due to wind or water.

Do not use on lawns, walks, driveways, tennis courts, or similar areas.

Keep from contact with fertilizers, insecticides, fungicides, and seeds.

Do not apply in or on irrigation ditches or canals including their outer banks.

Do not apply through any type of irrigation system.

If non-crop or conifer plantation sites treated with OUST® EXTRA are to be converted to a food, feed, or fiber agricultural crop, or to a horticultural crop, do not plant the treated sites for at least one year after the OUST® EXTRA application. A field bioassay must then be completed before planting to crops. To conduct a field bioassay, grow to maturity test strips of the crop(s) you plan to grow the following year. The test strips should cross the entire field including knolls and low areas. Crop response to the bioassay will indicate whether or not to plant the crops(s) grown in the test strips. In the case of suspected off-site movement of OUST® EXTRA to cropland, soil samples should be quantitatively analyzed for OUST® EXTRA or any other herbicide which could be having an adverse effect on the crop, in addition to conducting the above-described bioassay.

Do not use this product in the following counties of Colorado: Saguache, Rio Grande, Alamosa, Costilla and Conejos.

Do not use this product in California.

ADDITIONAL USE INSTRUCTIONS FOR CONIFER PLANTATIONS, NON-CROP SITES AND TURF

SPRAY EQUIPMENT

Low rates of OUST® EXTRA can kill or severely injure most crops. Following a OUST® EXTRA application, the use of spray equipment to apply other pesticides to crops on which OUST® EXTRA or its active ingredients are not registered may result in their damage. The most effective way to reduce this crop damage potential is to use dedicated mixing and application equipment.

APPLICATION

GROUND

Use a sufficient volume of water to ensure thorough coverage when applying OUST® EXTRA as a broadcast or directed spray. Select a spray volume and delivery system that will ensure thorough coverage and a uniform spray pattern. Be sure the sprayer is calibrated before use. Avoid overlapping and shut off spray booms while starting, turning, slowing, or stopping to avoid injury to desired species.

AIR

Select a spray volume and delivery system that will ensure thorough coverage and a uniform spray pattern. Be sure the sprayer is calibrated. Avoid overlapping and shut off spray booms while starting, turning or slowing to avoid injury to desired species.
MIXING INSTRUCTIONS
1. Fill spray tank 1/2 full of water.
2. With the agitator running, add the proper amount of DuPont™ OUST® EXTRA.
3. If using a companion product, add the recommended amount.
4. For postemergent applications, add the proper amount of spray adjuvants.
5. Add the remaining water.
6. Agitate the spray tank thoroughly.
OUST® EXTRA spray preparations are stable if they are pH neutral or alkaline and stored at or below 100° F.

SPRAYER CLEANUP
Thoroughly clean all mixing and spray equipment following applications of OUST® EXTRA as follows:
1. Drain tank; thoroughly rinse spray tanks, boom, and hoses with clean water.
2. Fill the tank with clean water and 1 gal of household ammonia (contains 3% active) for every 100 gal of water. Flush the hoses, boom, and nozzles with the cleaning solution. Then add more water to completely fill the tank. Circulate the cleaning solution through the tank and hoses for at least 15 min. Flush the hoses, boom, and nozzles again with the cleaning solution, and then drain the tank. Equivalent amounts of an alternate-strength ammonia solution or a commercial cleaner can be used in the cleanout procedure. If a commercial cleaner is used, carefully read and follow the individual cleaner instructions.
3. Remove the nozzles and screens and clean separately in a bucket containing cleaning agent and water.
4. Repeat step 2.
5. Rinse the tank, boom, and hoses with clean water.
6. Dispose of the rinsate on a labeled site or at an approved waste disposal facility. If a commercial cleaner is used follow the directions for rinsate disposal on the label.

Notes:
1. Do not use chlorine bleach in combination with ammonia when cleaning spray equipment. Do not clean spray equipment in an enclosed area.
2. Steam-cleaning aerial spray tanks is recommended before performing the above cleanout procedure to facilitate the removal of any caked deposits.
3. When OUST® EXTRA is tank mixed with other pesticides, all required cleanout procedures should be examined and the most rigorous procedure should be followed.

SPRAY DRIFT MANAGEMENT
The interaction of many equipment and weather-related factors determines the potential for spray drift. The applicator is responsible for considering all these factors when making application decisions.

AVOIDING SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR.

IMPORTANCE OF DROPLET SIZE
The most effective way to reduce drift potential is to apply large droplets (>150 - 200 microns). The best drift management strategy is to apply the largest droplets that provide sufficient coverage and control. The presence of sensitive species nearby, the environmental conditions, and pest pressure may affect how an applicator balances drift control and coverage. APPLYING LARGER DROPLETS REDUCES DRIFT POTENTIAL, BUT WILL NOT PREVENT DRIFT IF APPLICATIONS ARE MADE IMPROPERLY OR UNDER UNFAVORABLE ENVIRONMENTAL CONDITIONS! See Wind, Temperature and Humidity, and Surface Temperature Inversions sections of this label.

CONTROLLING DROPLET SIZE - GENERAL TECHNIQUES
• Volume - Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger droplets.
• Pressure - Use the lower spray pressures recommended for the nozzle. Higher pressure reduces droplet size and does not improve canopy penetration. WHEN HIGHER FLOW RATES ARE NEEDED, USE A HIGHER-CAPACITY NOZZLE INSTEAD OF INCREASING PRESSURE.
• Nozzle Type - Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low-drift nozzles.

CONTROLLING DROPLET SIZE - AIRCRAFT
• Number of Nozzles - Use the minimum number of nozzles with the highest flow rate that provide uniform coverage.
• Nozzle Orientation - Orienting nozzles so that the spray is emitted backwards, parallel to the airstream will produce larger droplets than other orientations.
• Nozzle Type - Solid stream nozzles (such as disc and cone with swirl plate removed) oriented straight back produce larger droplets than other nozzle types.

BOOM LENGTH AND HEIGHT
• Boom Length (aircraft) - The boom length should not exceed 3/4 of the wing length, using shorter booms decreases drift potential. For helicopters use a boom length and position that prevents droplets from entering the rotor vortices.
• Boom Height (aircraft) - Application more than 10 ft above the canopy increases the potential for spray drift.
• **Boom Height (ground)** Setting the boom at the lowest height which provides uniform coverage reduces the exposure of droplets to evaporation and wind. The boom should remain level with the crop and have minimal bounce.

**WIND**
Drift potential increases at wind speeds of less than 3 mph (due to variable direction and inversion potential) or more than 10 mph. However, many factors, including droplet size and equipment type determine drift potential at any given wind speed. **AVOID APPLICATIONS DURING GUSTY OR WINDLESS CONDITIONS.**

**Note:** Local terrain can influence wind patterns. Every applicator should be familiar with local wind patterns and how they affect spray drift.

**TEMPERATURE AND HUMIDITY**
When making applications in hot and dry conditions, set up equipment to produce larger droplets to reduce effects of evaporation.

**SURFACE TEMPERATURE INVERSIONS**
Drift potential is high during a surface temperature inversion. Surface inversions restrict vertical air mixing, which causes small suspended droplets to remain close to the ground and move laterally in a concentrated cloud. Surface inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however, if fog is not present, inversions can also be identified by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates a surface inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing.

**SHELLED SPRAYERS**
Shielding the boom or individual nozzles can reduce the effects of wind. However, it is the responsibility of the applicator to verify that the shields are preventing drift and not interfering with uniform deposition of the product.

**SENSITIVE AREAS**
The pesticide should only be applied when the potential for drift to adjacent sensitive areas (e.g., residential areas, bodies of water, known habitat for threatened or endangered species, non-target crops) is minimal (e.g., when wind is blowing away from the sensitive areas).

---

**STORAGE AND DISPOSAL**

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

**Pesticide Storage:** Store product in original container only. Store in a cool, dry place.

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

**Container Handling:** For **plastic jars and transfer containers:** Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 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. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances. For **paper, plastic and/or fiber flexible bags and/or sacks:** Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling if available or dispose of empty bag or sack in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances. For **fiber drums with liners:** Nonrefillable container. Do not reuse or refill this container. Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment Then offer for recycling if available or dispose of liner in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances. If drum is contaminated and cannot be reused, dispose of it in the manner required for its liner. For **plastic refillable drums:** Refillable container. Refill this container with sulometuron methyl and metsulfuron methyl 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 percent 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. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances.
NOTICE TO BUYER: Purchase of this material does not confer any rights under patents of countries outside of the United States.

The DuPont Oval Logo, DuPont™, OUST®, VELPAR®, HYVAR®, KARMEX®, KROVAR®, and TELAR® are trademarks or registered trademarks of E.I. duPont de Nemours and Company.

LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read this Limitation of Warranty and Liability Before Buying or Using This Product. If the Terms Are Not Acceptable, Return the Product at Once, Unopened, and the Purchase Price Will Be Refunded.

It is impossible to eliminate all risks associated with the use of this product. Such risks arise from weather conditions, soil factors, off target movement, unconventional farming techniques, presence of other materials, the manner of use or application, or other unknown factors, all of which are beyond the control of DuPont. These risks can cause: ineffectiveness of the product, crop injury, or injury to non-target crops or plants. WHEN YOU BUY OR USE THIS PRODUCT, YOU AGREE TO ACCEPT THESE RISKS.

DuPont warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for the purpose stated in the Directions for Use, subject to the inherent risks described above, when used in accordance with the Directions for Use under normal conditions.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, DUPONT MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, IN NO EVENT SHALL DUPONT OR SELLER BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. BUYER'S OR USER'S BARGAINED-FOR EXPECTATION IS CROP PROTECTION. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER AND THE EXCLUSIVE LIABILITY OF DUPONT OR SELLER, FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY OR CONTRACT, NEGLIGENCE, TORT OR STRICT LIABILITY), WHETHER FROM FAILURE TO PERFORM OR INJURY TO CROPS OR OTHER PLANTS, AND RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT, OR AT THE ELECTION OF DUPONT OR SELLER, THE REPLACEMENT OF THE PRODUCT.

To the extent consistent with applicable law that allows such requirement, DuPont or its Ag Retailer must have prompt notice of any claim so that an immediate inspection of buyer's or user's growing crops can be made. Buyer and all users shall promptly notify DuPont or a DuPont Ag Retailer of any claims, whether based on contract, negligence, strict liability, other tort or otherwise, or be barred from any remedy.

This Limitation of Warranty and Liability may not be amended by any oral or written agreement.

For product information call: 1-888-6-DUPONT
Internet address: http://cropprotection.dupont.com/
All rights reserved.