

Sourwood

Oxydendrum arboreum

Sumac:

Rhus vernix

Sweetgum

Liquidambar styraciflua

Swordfern

Polystichum munitum

Tallowtree, Chinese

Sapium sebiferum

Tan Oak

Lithocarpus densiflorus

Thimbleberry

Rubus parviflorus

Tobacco, tree

Nicotiana glauca

Trumpet creeper

Campsis radicans

Waxmyrtle, southern

Myrica cerifera

Willow

Salix spp.

HERBACEOUS WEEDS

Bahiagrass

Paspalum notatum

Balsamapple

Momordica charantia

Barnyardgrass

Echinochloa crus-galli

Bassia, fivehook

Bassia hyssopifolia

Bermudagrass

Cynodon dactylon

Bindweed, field  
Convolvulus arvensis

Bluegrass, Kentucky  
Poa pratensis

Brackenfern  
Pteridium aquilinum

Brome  
Brome spp.

Bromegrass, smooth  
Bromus inermis

Broomsedge  
Andropogon spp.

Buttercup  
Ranunculus spp.

Cheat  
Bromus secalinus

Chickweed, mouseear  
Cerastium vulgatum

Clover, red  
Trifolium pratense

Clover, white  
Trifolium repens

Cocklebur  
Xanthium strumarium

Crabgrass  
Digitaria spp.

Dallasgrass  
Paspalum dilatatum

Dock, curly  
Rumex crispus

Dwarf dandelion  
Krigia cespitosa

Falseflax, smallseed  
Camelina microcarpa

Fescue

Festuca spp.

Fiddleneck

Amsinckia spp.

Flaxleaf fleabane

Conyza bonariensis

Fleabane

Erigeron spp.

Foxtail

Setaria spp.

Groundsel, common

Senecio vulgaris

Guineagrass

Panicum maximum

Horsenettle

Solanum carolinense

Horseweed/Marestail

Conyza canadensis

Johnsongrass

Sorghum halepense

Kikuyugrass

Pennisetum clandestinum

Knapweed

Centaurea repens

Kochia

Kochia scoparia

Lambquarters, common

Chenopodium album

Lespediza: common, sericea

Lespediza striata

Lespediza cuneata

Lettuce, prickly

Lactuca serriola

Morningglory

Ipomoea spp.

Muhly, wirestem  
Muhlenbergia frondosa

Mullein, common  
Verbascum thapsus

Mustard, blue  
Chorispora tenella

Mustard, tansy  
Descurainia pinnata

Mustard, tumble  
Sisymbrium altissimum

Mustard, wild  
Sinapis arvensis

Napiergoass  
Pennisetum purpureum

Nightshade, silverleaf  
Solanum elaeagnifolium

Nutsedge: purple, yellow  
Cyperus rotundus  
Cyperus esculentus

Oats, wild  
Avena fatua

Orchardgrass  
Dactylis glomerata

Panicum  
Panicum spp.

Pampasgrass  
Cortaderia jubata

Pennycress, field  
Thlaspi arvense

Pigweed, redroot  
Amaranthus retroflexus

Pigweed, smooth  
Amaranthus hybridus

Quackgrass

Agropyron repens

Ragweed, common

Ambrosia artemisiifolia

Ragweed, giant

Ambrosia trifida

Reed, giant

Arundo donax

Ryegrass, perennial

Lolium perenne

Saltcedar

Tamarix spp.

Sandbar, field

Cenchrus spp.

Shepherdspurse

Capsella bursa-pastoris

Signalgrass, broadleaf

Brachiaria platyphylla

Smartweed, Pennsylvania

Polygonum pennsylvanicum

Sowthistle, annual

Sonchus oleraceus

Spanishreedles

Bidens bipinnata

Spurry, umbrella

Holosteum umbellatum

Starthistle, yellow

Centaurea solstitialis

Stinkgrass

Eragrostis cilianensis

Thistle, Canada

Cirsium arvense

Thistle, Russian

Salsola kali

Vaseygrass  
Paaspalum urvillei

Velvetgrass  
Holcus spp.

Witchgrass  
Panicum capillare

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**INJECTION AND CUT STUMP APPLICATIONS**

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Woody brush and trees may be controlled using injection or cut stump applications of this product in forestry and utility right-of-way sites.

**INJECTION APPLICATIONS**

Apply the equivalent of 1 ml of this product per each 2 inches of trunk diameter. This is best achieved by applying 25 to 100 percent concentration of this material either to a continuous frill around the tree or as cuts evenly spaced around the tree below all branches. As tree diameter increases in size, better results are achieved by applying diluted material to a continuous frill or more closely spaced cuttings. Avoid application techniques that allow runoff to occur from frill or cut areas in species that exude sap freely after frills or cutting. In these species, make frill or cut at an oblique angle so as to produce a cupping effect and use undiluted material. For best results, application should be made during periods of active growth and after full leaf expansion.

**CUT STUMP TREATMENTS**

Woody vegetation may be controlled by treating freshly cut stumps of trees and resprouts with this product. Apply this product using suitable equipment to ensure coverage of the entire cambium. Cut vegetation close to the soil surface. Apply a 50 to 100 percent solution of this product to the freshly cut surface immediately after cutting. Delays in application may result in reduced performance. For best results, applications should be made during periods of active growth and full leaf expansion.

When used according to directions for cut stump application, this product will CONTROL, PARTIALLY CONTROL or SUPPRESS most woody brush and tree species, some of which are listed below:

Alder  
Alnus spp.

Coyotebrush

Baccharis consanguinea

Dogwood

Cornus spp.

Eucalyptus

Eucalyptus spp.

Hickory

Carya spp.

Madrone

Arbutus menziesii

Maple

Acer spp.

Oak

Quercus spp.

Poplar

Populus spp.

Saltcedar

Tamarisk spp.

Sweetgum

Liquidambar styraciflua

Sycamore

Platanus occidentalis

Tan Oak

Lithocarpus densiflorus

Willow

Salix spp.

Product protected by  
U.S. Patent No. 4,405,531.  
Other patents pending.

892.62-000.28/53

EPA Reg. No. 524-326

In case of an emergency involving this product, Call Collect, day or night,  
(314) 694-4000.

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MONSANTO COMPANY  
AGRICULTURAL PRODUCTS  
ST. LOUIS, MISSOURI 63167 U.S.A.

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# SUPPLEMENTAL LABELING

READ AND FOLLOW THE ENTIRE LABEL FOR ACCORD® HERBICIDE BEFORE PROCEEDING WITH THE USE DIRECTIONS CONTAINED IN THIS SUPPLEMENTAL LABELING.

"Label" as used in this supplemental labeling refers to the label booklet for Accord® herbicide and this supplement.

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# accord®

**HERBICIDE**

by **Monsanto**

ACCEPTED  
AUG 11 1994  
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 344-326

EPA Reg. No. 524-326

## ACCORD HERBICIDE FOR TREATING UNDESIRABLE VEGETATION IN UTILITY RIGHTS-OF-WAY AND FORESTRY SITES THAT ARE GRAZED BY CATTLE.

Keep out of reach of children.

### CAUTION!

In case of emergency involving this product, Call Collect, day or night, (314) 694-4000.

\*Accord is a registered trademark of Monsanto Company.

#### DIRECTIONS FOR USE

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

This label must be in the possession of the user at the time of the herbicide application.

This product may be used to treat undesirable vegetation in utility rights-of-way that pass through pastures and rangeland and on forestry sites that are being grazed. For tank mix applications, comply with all restrictions appearing on the tank mix product label.

There are no grazing restrictions for the following labeled applications of this product:

- Where the spray can be directed onto undesirable woody brush and trees, such as in handgun spray-to-wet or low-volume directed spray treatments.
- For tree injection or frill applications and for cut stump treatments.

For broadcast applications, observe the following restrictions:

- For application rates of greater than 6 but not to exceed 10 quarts per acre, no more than 15 percent of the available grazing area may be treated.
- For application rates that do not exceed 6 quarts per acre, no more than 25 percent of the available grazing area may be treated.

All restrictions outlined above apply to lactating dairy animals. No other restrictions apply to lactating dairy animals.

These recommendations do not apply to rangeland outside of utility rights-of-way.

Read the "LIMIT OF WARRANTY AND LIABILITY" in the label booklet for Accord herbicide before using this product. Those terms apply to this supplemental labeling and, if those terms are not acceptable, return the product unopened at once.

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7/25/94

MONSANTO COMPANY  
AGRICULTURAL PRODUCTS  
ST. LOUIS, MISSOURI 63167



# ACCORD® HERBICIDE

EPA Reg. No.524-326

## *Labeling with Worker Protection Standard*

Propose that the following texts stay within the

**Agricultural Use Requirements box**

**“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 applications.”**

**Monsanto Company  
May, 1994**

2426

ACCORD®  
Herbicide by Monsanto

**Complete Directions for Use  
in Forestry and Utility Rights-of-Way**

**ACCEPTED**  
AUG 11 1994  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under  
EPA Reg. No. 524-326

EPA Reg. No. 524-326

**AVOID CONTACT WITH FOLIAGE, GREEN STEMS, EXPOSED NONWOODY ROOTS, OR FRUIT OF CROPS, DESIRABLE PLANTS AND TREES, SINCE SEVERE INJURY OR DESTRUCTION MAY RESULT.**

• Accord is a registered trademark of Monsanto Company.

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Read the entire label before using this product.

Use only according to label instructions.

Read "LIMIT OF WARRANTY AND LIABILITY" before buying or using. If terms are not acceptable, return at once unopened.

REFORMULATION IS PROHIBITED. SEE CONTAINER LABEL FOR REPACKAGING LIMITATIONS.

**LIMIT OF WARRANTY AND LIABILITY**

This Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes set forth in the Complete Directions for Use label booklet ("Directions") when used in accordance with those Directions under the conditions described therein. NO OTHER EXPRESS WARRANTY OR IMPLIED WARRANTY OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY IS MADE. This warranty is also subject to the conditions and limitations stated herein.

Buyer and all users shall promptly notify this Company of any claims whether based in contract, negligence, strict liability, other tort or otherwise.

Buyer and all users are responsible for all loss or damage from use or handling which results from conditions beyond the control of this Company, including, but not limited to, incompatibility with products other than those set forth in the Directions, application to or contact with desirable vegetation, unusual weather, weather conditions which are outside the range considered normal at the application site and for the time period when the product is applied, as well as weather conditions which are outside the

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application ranges set forth in the Directions, application in any manner not explicitly set forth in the Directions, moisture conditions outside the moisture range specified in the Directions, or the presence of products other than those set forth in the Directions in or on the soil, crop or treated vegetation.

THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE LIMIT OF THE LIABILITY OF THIS COMPANY OR ANY OTHER SELLER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT (INCLUDING CLAIMS BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY, OTHER TORT OR OTHERWISE) SHALL BE THE PURCHASE PRICE PAID BY THE USER OR BUYER FOR THE QUANTITY OF THIS PRODUCT INVOLVED, OR, AT THE ELECTION OF THIS COMPANY OR ANY OTHER SELLER, THE REPLACEMENT OF SUCH QUANTITY, OR, IF NOT ACQUIRED BY PURCHASE, REPLACEMENT OF SUCH QUANTITY. IN NO EVENT SHALL THIS COMPANY OR ANY OTHER SELLER BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES.

Buyer and all users are deemed to have accepted the terms of this LIMIT OF WARRANTY AND LIABILITY which may not be varied by any verbal or written agreement.

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PRECAUTIONARY STATEMENTS

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Hazards to  
Humans and Domestic Animals

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Keep out of reach of children.

CAUTION!

MAY CAUSE EYE IRRITATION.

Avoid contact with eyes, skin or clothing.

**Personal Protective Equipment (PPE):**

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.

**User Safety Recommendation:** User should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

**FIRST AID: IF IN EYES,** flush with plenty of water for at least 15 minutes. Get medical attention.

**IF ON SKIN,** flush with water.

In case of an emergency involving this product, Call Collect, day or night, (314) 694-4000.

**Environmental Hazards**

Do not contaminate water when disposing of equipment washwaters. Treatment of aquatic weeds can result in oxygen depletion or loss due to decomposition of dead plants. This oxygen loss can cause fish suffocation.

In case of:

SPILL or LEAK, soak up and remove to a landfill.

**Physical or Chemical Hazards**

Spray solutions of this product should be mixed, stored and applied only in stainless steel, aluminum, fiberglass, plastic and plastic-lined steel containers.

DO NOT MIX, STORE OR APPLY THIS PRODUCT OR SPRAY SOLUTIONS OF THIS PRODUCT IN GALVANIZED STEEL OR UNLINED STEEL (EXCEPT STAINLESS STEEL) CONTAINERS OR SPRAY TANKS. This product or spray solutions of this product react with such containers and tanks to produce hydrogen gas which may form a highly combustible gas mixture. This gas mixture could flash or explode, causing serious personal injury, if ignited by open flame, spark, welder's torch, lighted cigarette or other ignition source.

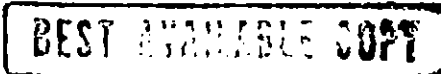
**ACTIVE INGREDIENT:**

\*Glyphosate, N-(phosphonomethyl)glycine,  
in the form of its isopropylamine salt

**INERT INGREDIENTS:**

.....	41.5%
.....	58.5%
	<b>100.0%</b>

\*Contains 480 grams per litre or 4 pounds per U.S. gallon of glyphosate, N-(phosphonomethyl)glycine, in the form of its isopropylamine salt.



Equivalent to 356 grams per litre or 3 pounds per U.S. gallon of the acid, glyphosate.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in any manner inconsistent with its labeling. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

**Agricultural Use Requirements**

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

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, are: coveralls, waterproof gloves and shoes plus socks.

**Storage and Disposal**

Do not contaminate water, foodstuffs, feed or seed by storage or disposal.

**STORAGE:**

STORE ABOVE 10°F (-12°C) TO KEEP PRODUCT FROM CRYSTALLIZING.

Crystals will settle to the bottom. If allowed to crystallize, place in a warm room 68°F (20°C) for several days to redissolve and roll or shake container or recirculate in mini-bulk containers to mix well before using. For bulk containers, see container label.

**DISPOSAL:**

Wastes resulting from the use of this product that cannot be used or

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chemically reprocessed should be disposed of in a landfill approved for pesticide disposal or in accordance with applicable Federal, state or local procedures.

Emptied container retains vapor and product residue. Observe all labeled safeguards until container is cleaned, reconditioned or destroyed.

(See the individual container labels for disposal information)

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**GENERAL INFORMATION**

This product, a water soluble liquid, mixes readily with water and surfactant to be applied as a foliar spray for the control or destruction of most herbaceous and woody plants.

This product moves through the plant from the point of foliage contact to and into the root system. Visible effects on most herbaceous weeds occur within 7 days but on most woody plants may not occur for 30 days or more.

After any site disturbance, such as logging, mechanical brush removal or mowing, allow stump sprouts, resprouts and foliar regrowth from woody brush and perennial herbaceous weeds sufficient time to regrow before treatment.

Always use the higher recommended rates of this product and surfactant when treating dense, multicanopied sites of woody vegetation or difficult-to-control woody and herbaceous plants.

Reduced control may result when woody brush, trees and herbaceous weeds are treated under poor growing conditions caused by drought, disease or insect damage. Reduced control may result if the foliage of undesirable vegetation is covered with dust at the time of treatment.

Rainfall occurring within 6 hours after application may reduce effectiveness. Heavy rainfall within 2 hours after application may wash the chemical off the foliage and a repeat treatment may be required.

Buyer and all users are responsible for all loss or damage in connection with the use or handling of mixtures of this product with herbicides or other materials that are not expressly recommended in this label. Mixing this product with herbicides or other materials not recommended on this label may result in reduced performance.

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**FORESTRY SITE PREPARATION  
AND UTILITY RIGHTS-OF-WAY**

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This product is recommended for the control or partial control of woody brush,

trees and herbaceous weeds. This product is labeled for use in forestry and utility sites. This product is also recommended for use in preparing or establishing wildlife openings within these sites and maintaining logging roads, and for side trimming along utility rights-of-way.

In forestry, this product is recommended for use in site preparation prior to planting any tree species, including Christmas trees and silvicultural nursery sites.

In utilities, this product is recommended for use along electrical power, pipeline, and telephone rights-of-way, and in other utility sites associated with these rights-of-way, such as substations.

**APPLICATION RATES AND TIMING**

APPLICATION	ACCORD®	SPRAY VOLUME GAL/A
<hr/>		
<u>BROADCAST</u>		
Aerial	2 to 10 qts/a	5 to 30
Ground	2 to 10 qts/a	10 to 60
<u>SPRAY-TO-WET</u>		
Handgun, Backpack, Mistblower	3/4 to 2 % by volume	spray-to-wet
<u>LOW VOLUME DIRECTED SPRAY</u>		
Handgun, Backpack, Mistblower	5% to 10% by volume	partial coverage*

\*For low volume directed spray applications, coverage should be uniform with at least 50% of the foliage contacted. Coverage in the top one-half of the plant is important for best results.

In forestry site preparation and utility rights-of-way applications, this product requires use with a nonionic surfactant. Use a nonionic surfactant with greater than 50 percent active ingredient and labeled for use with herbicides. Use of this product without surfactant will result in reduced performance. See the "MIXING AND APPLICATION INSTRUCTION" section of this label for more information.

Mix 2 or more quarts of the nonionic surfactant per 100 gallons of spray solution (0.5 percent or more by spray volume). Use of surfactant concentrations greater than 1.5 percent by spray volume with handgun applications or 2.5 percent by spray volume with broadcast applications is not recommended.

Use higher rates of this product within the recommended range for control or partial control of woody brush, trees and hard-to-control perennial herbaceous weeds. For best results, apply to actively growing woody brush and trees after full leaf expansion and before fall color and leaf drop. Increase rates within the recommended range for control of perennial herbaceous weeds any time after emergence and before seedheads, flowers or berries appear.

Use the lower rates of this product within the recommended range for control of annual herbaceous weeds and actively growing perennial herbaceous weeds after seedheads, flowers or berries appear. Apply to the foliage of actively growing annual herbaceous weeds any time after emergence.

This product has no herbicidal or residual activity in the soil. Where repeat applications are necessary, do not exceed 10.6 quarts of this product per acre per year.

TANK MIXTURES

Tank mixtures of this product may be used to increase the spectrum of vegetation controlled. When tank mixing, read and carefully observe the label claims, cautionary statements and all information on the labels of both products used. Use according to the most restrictive label directions for each product in the mixture. Any recommended rate of this product may be used in a tank mix.

NOTE: For forestry site preparation, make sure the tank mix product is approved for use prior to planting the desired species. Observe planting interval restrictions. For side trimming treatments in utility rights-of-way, tank mixtures with Arsenal 2WSL are not recommended. For side trimming treatments, it is recommended that this product be used alone as recommended, or as a tank mixture with Garlon 4.

PRODUCT	BROADCAST RATE	USE SITE
Arsenal Applicators Concentrate	2 to 16 fluid ounces per acre	Forestry site preparation
Oust	1 to 4 ounces per acre	Forestry site preparation
Garlon 3A*, Garlon 4	1 to 4 quarts per acre	Forestry site preparation, Utility sites
Arsenal 2WSL	2 to 32 fluid ounces per acre	Utility sites

PRODUCT	SPRAY-TO-WET RATES	USE SITE
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Arsenal Applicators Concentrate	1/32 % to 1/2 % by volume	Forestry site preparation
Arsenal 2WSL	1/32 % to 1/2 % by volume	Utility sites

PRODUCT	LOW VOLUME DIRECTED SPRAY RATES	USE SITES
Arsenal Applicators Concentrate	1/8% to 1/2% by volume	Forestry site preparation
Arsenal 2WSL	1/8% to 1.2% by volume	Utility sites

\* Insure that Garlon 3A is thoroughly mixed with water according to label directions before adding this product. Have spray mixture agitating at the time this product is added to avoid spray compatibility problems.

For control of herbaceous weeds, use the lower recommended tank mixture rates. For control of dense stands or tough-to-control woody brush and trees, use the higher recommended rates.

- <sup>TM</sup>Arsenal is a trademark of American Cyanamid Company.
- <sup>TM</sup>Oust is a trademark of E. I. du Pont de Nemours and Company.
- <sup>TM</sup>Garlon is a trademark of DowElanco Products Company.

**FORESTRY CONIFER AND HARDWOOD RELEASE**

**DIRECTED SPRAY**

In forestry conifer and hardwood sites, including Christmas tree plantations and silvicultural nurseries, use a 2 percent spray solution for the control of undesirable woody brush and trees. To control herbaceous weeds, use a 1 to 2 percent solution. Avoid contact of spray, drift or mist with foliage, green bark or non-woody surface roots of desirable species.

Mix 2 to 6 quarts of a nonionic surfactant per 100 gallons of spray solution (0.5 to 1.5 percent by spray volume). Use a surfactant with greater than 50 percent active ingredient.

**BROADCAST SPRAY**

Except where specifically recommended below, use only where conifers have been established for more than one year.

APPLICATION MUST BE MADE AFTER FORMATION OF FINAL CONIFER RESTING BUDS IN THE FALL OR PRIOR TO INITIAL BUD SWELLING IN THE SPRING.

Injury may occur to conifers treated for release, especially where spray patterns overlap or the higher rates are applied. Damage can be accentuated if applications are made when conifers are actively growing, or are under stress from drought, flood water, insects or diseases.

This product may require use with a surfactant. Unless otherwise recommended in this section of this label, use Entry™ II surfactant at 10 to 30 fluid ounces per acre. Follow the instructions under the "Mixing" portion of the "MIXING AND APPLICATION INSTRUCTIONS" section of this label.

For release of the following conifer species, outside the southeastern United States:

Douglas fir  
Pseudotsuga menziesii

Fir  
Abies spp.

Hemlock\*\*  
Tsuga spp.

Pines\*  
Pinus spp.

Redwood, California  
Sequoia spp.

Spruce  
Picea spp.

\* Includes all species except loblolly pine, longleaf pine, shortleaf pine or slash pine.

\*\*Use of a surfactant is not recommended for release of hemlock species or California redwood. In mixed conifer stands, injury to these species may result if a surfactant is used.

Apply 1 to 2 quarts of this product per acre as a broadcast spray.

NOTE: For release of Douglas fir with this product or recommended tank mixtures of this product, Entry II or a nonionic surfactant recommended for over-the-top foliar sprays may be used. To avoid possible conifer injury, Entry II rates should not exceed 20 fluid ounces per acre at elevations above 1500 feet, or 10 fluid ounces per acre in the coastal range or at elevations below 1500 feet in Washington and Oregon. Nonionic surfactants may be used at 2 fluid ounces per acre at elevations above 1500 feet, or 1 fluid ounce per acre in the coastal range or at elevations below 1500 feet. Use of surfactant

rates exceeding those listed above may result in unacceptable conifer injury and are not recommended. Insure that the nonionic surfactant has been adequately tested for Douglas fir safety before use.

In Maine, up to 3 quarts per acre of this product may be used for the control of difficult species.

OUST TANK MIXTURES - To release jack pine, red pine, white pine, and white spruce, apply 1 to 2 quarts of this product with 1 to 3 ounces of Oust™ per acre. Make applications to actively growing weeds as a broadcast spray over the top of established conifers. Applications at these rates should be made after formation of conifer resting buds in the late summer or fall.

ARSENAL APPLICATORS CONCENTRATE TANK MIXTURES - This product may be tank mixed with Arsenal Applicators Concentrate for release of Douglas fir. Use 1 to 1 1/2 quarts of this product tank mixed with 2 to 6 fluid ounces of Arsenal per acre.

For release of the following conifer species in the southeastern United States:

Loblolly pine  
Pinus taeda

Eastern white pine  
Pinus strobus

Shortleaf pine  
Pinus echinata

Slash pine  
Pinus elliottii

Virginia pine  
Pinus virginiana

Apply 1.5 to 2.5 quarts of this product per acre as a broadcast spray during late summer or early fall after the conifers have hardened off.

ARSENAL APPLICATORS CONCENTRATE TANK MIXTURES - Apply 1 to 2 quarts of this product with 2 to 16 fluid ounces of Arsenal Applicators Concentrate per acre as a broadcast spray for conifer release. Use only on conifer species that are labeled for over-the-top sprays for both products. Use the higher recommended rates for dense, tough-to-control woody brush and trees.

Read and carefully observe the label claims, cautionary statements and all information on the labels of each product used in these tank mixtures. Use according to the most restrictive label directions for each product in the mixture.

<sup>TM</sup>Oust is a trademark of E. I. du Pont de Nemours and Company.

<sup>TM</sup>Entry is a trademark of Monsanto Company.

**HERBACEOUS RELEASE**

When applied as directed, this product plus listed residual herbicides provides postemergence control of the annual weeds and control or suppression of the perennial weeds listed in this label, and residual control of the weeds listed in the residual herbicide label. Make applications to actively growing weeds as a broadcast spray over the top of labeled conifers.

Oust tank mixtures - To release loblolly pines, apply 16 to 24 fluid ounces of this product, plus 2 to 4 ounces of Oust per acre.

To release slash pines, apply 12 to 16 fluid ounces of this product, plus 2 to 4 ounces of Oust per acre.

Mix up to 6 fluid ounces per acre of Entry II with the recommended rate of this product plus Oust . Applications can be made over newly planted pines after the emergence of herbaceous weeds in the spring or early summer. Best results are obtained from applications made in May and June.

Weed control may be reduced if water volumes exceed 25 gallons per acre for these treatments.

Atrazine tank mixtures - To release Douglas fir, apply 1 quart of this product, plus 4 pounds a.i. of atrazine per acre. Apply only over Douglas fir that has been established for at least one full growing season. Apply in the early Spring, usually mid-March through early April. Injury will occur if applications are made after bud swell in the Spring. Do not add surfactant to this mix for this use.

Always read and follow the manufacturer's label recommendations for all herbicide and surfactants used.

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**WETLAND SITES**

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This product may be used in and around water and wetlands found in forestry and in power, telephone and pipeline rights-of-way sites, including where these sites are adjacent to and surrounding domestic water supply reservoirs, supply streams, lakes and ponds. Read and observe the following before making applications in and around water.

Consult local public water control authorities before applying this product in and around public water. Permits may be required to treat in such areas.

There is no restriction on the use of treated water for irrigation, recreation or domestic purposes.

Do not apply this product directly to water within 1/2 mile upstream of a potable water intake in flowing water (i.e., river, stream, etc.) or within 1/2 mile of a potable water intake in a standing body of water such as a lake, pond or reservoir. This restriction does not apply to terrestrial applications made adjacent to potable water intakes.

Do not spray open bodies of water where woody brush, trees and herbaceous weeds do not exist. The maximum application rate of 5 quarts per acre must not be exceeded in a single application.

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**MIXING AND APPLICATION  
INSTRUCTIONS**

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APPLY THESE SPRAY SOLUTIONS IN PROPERLY MAINTAINED AND CALIBRATED EQUIPMENT CAPABLE OF DELIVERING DESIRED VOLUMES. HANDGUN APPLICATIONS SHOULD BE PROPERLY DIRECTED TO AVOID SPRAYING DESIRABLE PLANTS. NOTE: REDUCED RESULTS MAY OCCUR IF WATER CONTAINING SOIL IS USED, such as WATER FROM PONDS AND UNLINED DITCHES.

**MIXING**

This product mixes readily with water. Mix spray solutions of this product as follows: Fill the mixing or spray tank with the required amount of water while adding the required amount of this product (see the "DIRECTIONS FOR USE" and "WEEDS CONTROLLED" sections of this label). For tank mixtures, add the tank mix product before adding this product. If tank mixing with Garlon 3A, insure that the Garlon 3A is well mixed with at least 75% of the total spray volume before adding this product to avoid incompatibility. Near the end of the filling process, add the required surfactant and mix well. Maintain an air break between the filling hose and the spray solution and remove the hose from the tank immediately after filling to avoid siphoning back into the water source. During mixing and application, foaming of the spray solution may occur. To prevent or minimize foam, avoid the use of mechanical agitators, terminate by-pass and return lines at the bottom of the tank and, if needed, use an approved antifoam or defoaming agent.

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**APPLICATION EQUIPMENT  
AND TECHNIQUES**

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**ATTENTION**

**AVOID DRIFT. EXTREME CARE MUST BE USED WHEN APPLYING THIS PRODUCT TO PREVENT INJURY TO DESIRABLE PLANTS AND CROPS.**

Do not allow the herbicide solution to mist, drip, drift, or splash onto desirable vegetation since minute quantities of this product can cause severe damage or destruction to the crop, plants, or other areas on which treatment was not intended. The likelihood of plant or crop injury occurring from the use of this product is greatest when winds are gusty or in excess of 5 miles per hour or when other conditions, including lesser wind velocities, will allow spray drift to occur. When spraying, avoid combinations of pressure and nozzle type that will result in splatter or fine particles(mist) which are likely to drift. **AVOID APPLYING AT EXCESSIVE SPEED OR PRESSURE.**

**NOTE:** Use of this product in any manner not consistent with this label may result in injury to persons, animals or crops, or other unintended consequences. When not in use, keep container closed to prevent spills and contamination.

**AERIAL EQUIPMENT**

This product is recommended for application by helicopter only in forestry sites and utility rights-of-way. Use the recommended rates of this product and surfactant in 5 to 30 gallons of spray solution per acre as a broadcast spray. ( THIS PRODUCT PLUS OUST TANK MIXTURES MAY NOT BE APPLIED BY AIR IN CALIFORNIA ).

**IN CALIFORNIA, AERIAL APPLICATION MAY ONLY BE MADE IN NONRESIDENTIAL, FORESTRY SITES AND CHAPARRAL AREAS.**

**AVOID DRIFT - DO NOT APPLY DURING INVERSION CONDITION, WHEN WINDS ARE GUSTY, OR UNDER ANY OTHER CONDITION WHICH WILL ALLOW DRIFT; DRIFT MAY CAUSE DAMAGE TO ANY VEGETATION CONTACTED TO WHICH TREATMENT IS NOT INTENDED. TO PREVENT INJURY TO ADJACENT DESIRABLE VEGETATION, APPROPRIATE BUFFER ZONES MUST BE MAINTAINED.**

Coarse sprays are less likely to drift; therefore, do not use nozzles or nozzle configurations which dispense spray as fine droplets.

Drift control additives may be used for forestry site preparation and utility rights-of-way applications. When a drift control additive is used, read and carefully observe the cautionary statements and all other information appearing on the additive label. The use of a drift control agent for conifer and herbaceous release applications may result in conifer injury and is not recommended.

Thoroughly wash aircraft, especially landing gear, after each day of spraying to remove residues of this product accumulated during spraying or from spills. **PROLONGED EXPOSURE OF THIS PRODUCT TO UNCOATED STEEL SURFACES MAY RESULT IN CORROSION AND POSSIBLE FAILURE OF THE PART. LANDING GEAR ARE MOST SUSCEPTIBLE.** The maintenance of an organic coating (paint) which meets

aerospace specification MIL-C-38413 may prevent corrosion.

■ **GROUND BROADCAST EQUIPMENT** ■

This product is recommended for broadcast applications using suitable ground equipment in forestry sites, utility sites and utility rights-of-way. Use the recommended rates of this product plus surfactant in 10 to 60 gallons of clean water per acre as a broadcast spray. Check for even spray distribution throughout the spray pattern.

■ **BACKPACK, HANDGUN OR MISTBLOWER EQUIPMENT** ■

This product is recommended for application through backpack, handgun or hand-held mistblower equipment. For spray-to-wet applications, coverage should be uniform and complete, but not to the point of runoff.

This product can be used for low volume directed sprays for spot treatment of trees and brush. It is most effective in areas where there is a low density of undesirable trees or brush. If a straight stream nozzle is used, start the application at the top of the targeted vegetation and spray from top to bottom in a lateral zig-zag motion. For flat fan and cone nozzles and with mist blowers, mist the application over the foliage of the targeted vegetation. Small, open branched trees need only be treated from one side. If the foliage is thick or there are multiple root sprouts, applications must be made from several sides to ensure adequate spray coverage.

It is suggested that the recommended amount of this product and surfactant be mixed in a larger container and then added to the sprayer.

**WEEDS CONTROLLED**

When applied as recommended under the conditions described, this product **CONTROLS, PARTIALLY CONTROLS** or **SUPPRESSES** most woody brush, trees and herbaceous weeds, some of which are listed below.

**WOODY BRUSH AND TREES**

**Alder**

Alnus spp.

**Ash**

Fraxinus spp.

**Aspen, quaking**

Populus tremuloides

**Bearmat (Bearclover)**

Chamaebatia foliolosa

Beech

Fagus grandifolia

Birch

Betula spp.

Blackberry

Rubus spp.

Blackgum

Nyssa spp.

Bracken

Pteridium spp.

Broom:

French

Cytisus monspessulanus

Scotch

Cytisus scoparius

Buckwheat, California

Eriogonum fasciculatum

Cascara

Rhamnus purshiana

Catsclaw

Acacia greggi

Oeanothus

Oeanothus spp.

Chamise

Adenostoma fasciculatum

Cherry:

Bitter

Prunus emarginata

Black

Prunus serotina

Pin

Prunus pensylvanica

Coyote brush

Baccharis consanguinea



Creeper, Virginia  
Parthenocissus quinquefolia

Dewberry  
Rubus trivialis

Dogwood  
Cornus spp.

Elderberry  
Sambucus spp.

Elm  
Ulmus spp.

Eucalyptus, bluegum  
Eucalyptus globulus

Hasardia  
Haplopappus squamosus

Hawthorn  
Crataegus spp.

Hazel  
Corylus spp.

Hickory  
Carya spp.

Holly, Florida; Brazilian Peppertree  
Schinus terebinthifolius

Honeysuckle  
Lonicera spp.

Hornbeam, American  
Carpinus caroliniana

Kudzu  
Pueraria lobata

Locust, black  
Robina pseudoacacia

Madrone  
Arbutus menziesii

Manzanita  
Arctostaphylos spp.

Maple

Acer spp.

Monkey Flower

Mimulus guttatus

Oak:

Quercus spp.

Persimmon

Diospyros spp.

Pine

Pinus spp.

Poison Ivy

Rhus radicans

Poison Oak

Rhus toxicodendron

Poplar, yellow

Liriodendron tulipifera

Prunus

Prunus spp.

Raspberry

Rubus spp.

Redbud, eastern

Cercis canadensis

Rose, multiflora

Rosa multiflora

Sage, black

Salvia mellifera

Sagebrush, California

Artemisia californica

Salmonberry

Rubus spectabilis

Saltbush, Sea yrtle

Baccharis salicifolia

Sassafras

Sassafras albidum

**CONTINUED  
ON NEXT  
MICROFICHE**