

ACCORD EXTRA HERBICIDE by Monsanto

REGISTERED
EPA Reg. No. 524-343
Monsanto Federal Insecticide,
Fungicide and Rodenticide Act,
Registration No. 524-343
for the pesticide

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 OR REPACKAGING IS PROHIBITED.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

Keep out of reach of children.

CAUTION!

MAY CAUSE EYE IRRITATION
MAY BE HARMFUL IF INHALED

Avoid contact with eyes, skin or clothing.
Avoid breathing vapors or spray mist.
Wash thoroughly with soap and water after handling.

FIRST AID: IF IN EYES, flush with plenty of water for at least 15 minutes.
Get medical attention.
IF ON SKIN, flush with water. Wash clothing before reuse.
IF INHALED, remove individual to fresh air. Seek medical attention if
breathing difficulty develops.

In case of 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 stored, 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.

DIRECTIONS FOR USE

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

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 shake or roll
container before using.

DISPOSAL: Wastes resulting from the use of this product that cannot be
used or 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 destroyed.

Do not reuse container. Triple rinse container. Then puncture and
dispose of in a sanitary landfill or by incineration, or, if allowed by state
and local authorities, by burning. If burned, stay out of smoke.

(See label booklet for Complete Directions for Use)

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 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, OF 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.

ACTIVE INGREDIENT:

*Glyphosate, N-(phosphonomethyl)glycine, in the form of its isopropylamine salt	53.8%
INERT INGREDIENTS	46.2%
	100.0%

*Contains 648 grams per litre or 5.4 pounds per U.S. gallon of the active
ingredient glyphosate, N-(phosphonomethyl)glycine, in the form of its
isopropylamine salt. Equivalent to 480 grams per litre or 4 pounds per
U.S. gallon of the acid, glyphosate.

Product protected by U.S. Pat. No. 4,405,531. Other patents pending. No
license granted under any non-U.S. patent.

® Registered trademark of Monsanto Company EPA Est. 524-LA-1
EPA Reg. No. 524-343 C MONSANTO COMPANY 1992

MONSANTO COMPANY
AGRICULTURAL PRODUCTS
ST. LOUIS, MISSOURI 63187 U.S.A.

NET 30 GAL

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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

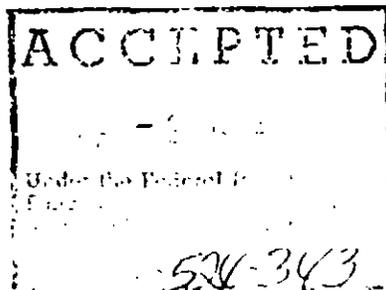
This Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes set forth in the Complete Directions for Use label booklet ("Directions") when used in accordance with those Directions under the conditions described therein. NO OTHER EXPRESS 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

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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 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.

PRECAUTIONARY STATEMENTS

Hazards to
Humans and Domestic Animals

Keep out of reach of children.

CAUTION!

MAY CAUSE EYE IRRITATION.
MAY BE HARMFUL IF INHALED.

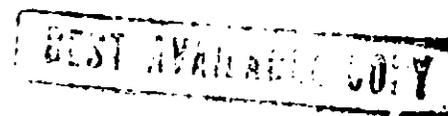
Avoid contact with eyes, skin or clothing.
Avoid breathing vapors or spray mist.

Wash thoroughly with soap and water after handling.

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

IF ON SKIN, flush with water. Wash clothing before reuse.

IF INHALED, remove individual to fresh air. Seek medical



attention if breathing difficulty develops.

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.....41.553.8%

INERT INGREDIENTS:.....58.446.2% 100.0%

*Contains 480648 grams per litre or 45.4 pounds per U.S. gallon of glyphosate, N-(phosphonomethyl)glycine, in the form of its isopropylamine salt. Equivalent to 356480 grams per litre or 34 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

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inconsistent with its labeling.

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 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)

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.

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

NOTE: This product is not approved for use on utility sites in California, including utility rights-of-way.

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 (~~except in the state of California~~), including utility rights-of-way. This product is also recommended for use in preparing or establishing wildlife openings within these sites and maintaining logging roads.

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 utility rights-of-way, this product is recommended for use along power, pipeline, telephone and in other utility sites such as substations, etc.

APPLICATION RATES AND TIMING

APPLICATION	ACCORD®EXTRA	SPRAY VOLUME GAL/A
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BROADCAST

Aerial	23 to 1015 gtspts/a	5 to 30
Ground	23 to 1015 gtspts/a	10 to 60

SPRAY-TO-WET

Handgun, Backpack, Mistblower	3/4 1/2 to 2 1/4 % by volume	spray-to-wet
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LOW VOLUME DIRECTED SPRAY

Handgun, Backpack, Mistblower	54% to 107% by volume	partial coverage*
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*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.

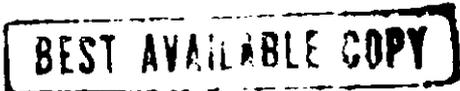
In forestry site preparation and utility rights-of-way applications, this product requires use with a nonionic surfactant. Use a nonionic surfactant with greater than 50 percent active ingredient and labeled for use with herbicides. Use of this product without surfactant will result in reduced performance. See the "MIXING AND APPLICATION INSTRUCTIONS" 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~~ 15.9 quarts pints 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.

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
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.

TMArsenal is a trademark of American Cyanamid Company.

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™Oust is a trademark of E. I. du Pont de Nemours and Company.
™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 21½ percent spray solution for the control of undesirable woody brush and trees. To control herbaceous weeds, use a 13/4 to 21½ 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.

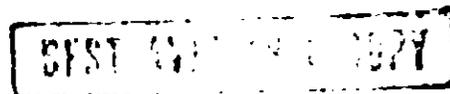
This product may require use with a surfactant. Unless otherwise recommended in this section of this label, use Entry™ II surfactant at 10 to 30 fluid ounces per acre. Follow the instructions under the "Mixing" portion of the "MIXING AND APPLICATION INSTRUCTIONS" section of this label.

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 $\pm 1\frac{1}{2}$ to 23 quarts/pints 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 $34\frac{1}{2}$ quarts/pints 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 $\pm 1\frac{1}{2}$ to 23 quarts/pints of this product with 1 to 2 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 $\pm 1\frac{1}{2}$ to $1\frac{1}{2}$ to $22\frac{1}{2}$ quarts/pints 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

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Pinus taeda

Eastern white pine

Pinus strobus

Shortleaf pine

Pinus echinata

Slash pine

Pinus elliottii

Virginia pine

Pinus virginiana

Apply 1-52½ to 2-53½ quarts per acre 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 1½ to 2½ quarts per acre 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.

™Oust is a trademark of E. I. du Pont de Nemours and Company.

™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 1-12 to 2-18 fluid ounces of this product, plus 2 to 4 ounces of Oust per acre.

To release slash pines, apply 1-9 to 1-12 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~~ ¹/₂ pints 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.

WETLAND SITES

This product may be used in and around water and wetlands found in forestry and utility rights-of-way sites, including land 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 across open moving bodies of water where woody brush, trees and herbaceous weeds do not exist. The maximum application rate of ~~5 quarts~~ 7.5 pints per acre must not be exceeded in a single application.

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.

APPLICATION EQUIPMENT AND TECHNIQUES

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.



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■ **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)

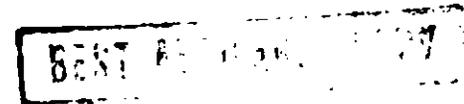
Chamaebatia foliolosa

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

Ceanothus
Ceanothus 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 myrtle
Baccharis halimifolia

Sassafras
Sassafras albidum

Sourwood
Oxydendrum arboreum

Sumac:
Rhus vernix

Sweetgum
Liquidambar styraciflua

Swordfern
Polystichum munitum

11 7 21
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 hysopifolia

Bermudagrass
Cynodon dactylon

Bindweed, field
Convolvulus arvensis

Bluegrass, Kentucky
Poa pratensis

Brackenfern
Pteridium aquilinum

Brome
Brome spp

20 23
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 distatum

Dock, curly
Rumex crispus

Dwarf dandelion
Krigia cespitosa

False flax, 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

Lambsquarters, 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

Napiergrass
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.

Sandbur, field
Cenchrus spp.

Shepherdspurse
Capsella bursa-pastoris

Signalgrass, broadleaf
Brachiaria platyphylla

Smartweed, Pennsylvania
Polygonum pensylvanicum

Sowthistle, annual
Sonchus oleraceus

Spanishneedles
Bidens bipinnata

Spurry, umbrella
Hypochaeris 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

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.

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EPA Reg. No. 524-326343

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

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