

accord
HERBICIDE

Monsanto

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

EPA Reg. No. 524-326

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

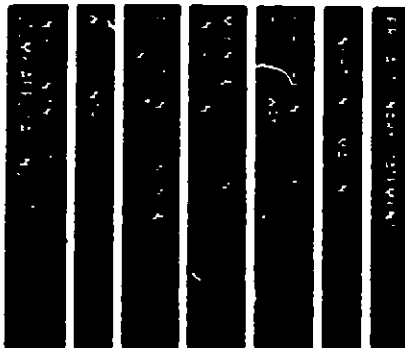
* Accord is a registered trademark of Monsanto Company.

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Read each of these sections of this label for essential
product performance information.

USE THESE CONVENIENT SECTION MARKERS



ACCEPTED

SEP - 6 1989

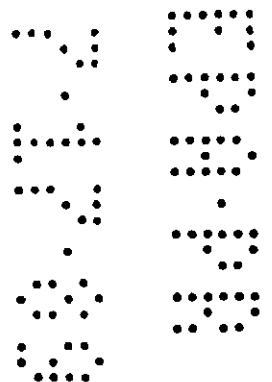
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 524-326

Add:

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2/31 (2)
7-3

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 number ("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 contemplated herein 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 expressly 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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3/31 (3)

7-3

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

Keep out of reach of children.

CAUTION!

MAY CAUSE EYE IRRITATION.

Avoid contact with eyes, skin or clothing.

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.

In case of an emergency involving this product.
Call Collect, day or night, (314) 694-4999.

Environmental Hazards

Do not contaminate water when disposing of equipment washwaters. Treatment of aquatic wastes can result in oxygen and toxic decomposition of these wastes. This loss can cause fish suffocation.

In case of:

SPILL or LEAK, stop use 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.

ACTIVE INGREDIENT:

Glyphosate, N-(phosphonomethyl) glycine
in the form of diisopropylammonium salt ... 41.5%

INERT INGREDIENTS: 58.5%
100.0%

Change to:

its

*Contains 400 grams per liter or 4 ounces per U.S. gallon of glyphosate, N-(phosphonomethyl) glycine, in the form of the diisopropylammonium salt. Equivalent to 256 grams per liter or 3 ounces per U.S. gallon of the acid, glyphosate.

Product patented by
U.S. Patent No. 3,799,750 and
U.S. Patent No. 4,408,531.
Other patents pending.

No license granted under any non-U.S. patent.

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



4/21

4

7-3

GENERAL INFORMATION

This product, a water soluble liquid, mixes readily with water and economic 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 foliar 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 use disturbance, such as logging, mechanical brush removal or mowing, allow some weeks, months and later 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, multi-stemmed sites of woody vegetation or difficult-to-clear 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 product 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 material of this product with herbicides or other materials that are not expressly recommended on this label. Mixing this product with herbicides or other materials not recommended on this label may result in reduced performance.

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:

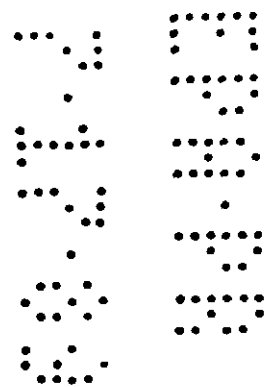
STORE ABOVE 10°F (-12°C) TO KEEP PRODUCT FROM CRYSTALLIZING.

Crystals will settle to the bottom. If allowed to crystallize, place in a warm room 65°F (20°C) for several days to redissolve and fill or shake container or recalculate in new bulk containers to new weight before using. For both conditions, 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.

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5/31 (5)
7-3

Exposed surfaces require water and product residues. Observe all labeled warnings until container is cleaned, reconditioned or destroyed.
(See the individual container label for disposal information.)

FORESTRY SITE PREPARATION AND UTILITY RIGHTS-OF-WAY

This product is recommended for the control or partial control of woody brush, trees and herbaceous weeds. The product is labeled for use in forestry and utility sites, including utility rights-of-way. This product is also recommended for use in preparing or establishing wildlife openings 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, railroad and in other utility sites such as substations.

APPLICATION RATES AND TIMES				
		SPRAY VOLUME GAL./A	SURFACTANT % BY VOL	
BROADCAST	ACCORD [®]			
Aerial	2 to 5 gals	5 to 30	0.5 to 2.5	
Ground	2 to 5 gals	10 to 60	0.5 to 2.5	
SPRAY-TO-WET				
Handgun				
Backpack	1/4 to 2 1/2	spray-to-wet	0.5 to 2.5	
Mistblower	by volume			

Less than complete coverage of weeds may result from the use of spray equipment designed for registered weed treatments. Where less than complete coverage occurs, use a 5 percent solution.

For low volume mistblower applications, use a 5 percent solution only as usual.

Mix 2 or more quarts of a nonionic surfactant per 100 gallons of spray solution (0.5 percent or more by spray volume). Always read and follow the manufacturer's surfactant label recommendations. 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.

Insert:

In forestry site preparation and utility rights-of-way applications, this product requires use with a nonionic surfactant. Use a nonionic surfactant 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.

Insert:

For surfactants with greater than 50 percent active ingredient, 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.

For surfactants with up to 50 percent active ingredient, mix 4 or more quarts of the nonionic surfactant per 100 gallons of spray solution (1.0 percent or more by spray volume). Use of surfactant concentrations greater than 3.0 percent by spray volume with handgun applications or 5.0 percent by spray volume with broadcast applications is not recommended.

Delete SURFACTANT column of table.

Delete

"In forestry use preparations and sticky agents-of-use applications, this product requires use with a nonionic surfactant. Use a nonionic surfactant labeled for use with herbicides. Use of this product without surfactant will result in reduced effectiveness. See the "MIXING AND APPLICATION INSTRUCTIONS" section of this label for more information.

Use higher rates of this product within the recommended range for control of steady break grass and hard-to-control perennial herbaceous weeds. Increase rates within the recommended range for control of perennial herbaceous weeds any time after emergence. For best results, apply to actively growing steady break and weeds after full leaf expansion and before full color and leaf drop.

Use the lower rates of this product within the recommended range for control of annual herbaceous weeds. Apply to the foliage of actively growing annual herbaceous weeds any time after emergence. For best results, apply to the actively growing foliage of annual herbaceous weeds after seedlings, flowers or berries appear.

This product has no herbicidal or residual activity in the soil. Where repeat applications are necessary, do not exceed 16.5 quarts of this product per acre per year.

FORESTRY CONIFER RELEASE

POSTEMERGENT SPRAY

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

Use 2 or more quarts of a nonionic surfactant per 100 gallons of spray solution (0.5 percent or more by spray volume). Always read and follow the manufacturer's surfactant label recommendations. 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.

CONIFER RELEASE

Except where specifically recommended below, use only where studies 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 minimized if applications are made when conifers are actively growing, or are under stress from drought, hard winds, insects or diseases.

This product may require use with a nonionic surfactant. For best results, tank-mix Agent herbicide with Entry[®] surfactant. Follow the instructions under the "Mixing" portion of the "MIXING AND APPLICATION INSTRUCTIONS" section of this label.

Move to page 9.

Change to:

For surfactants with greater than 50 percent active ingredient, 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.

For surfactants with up to 50 percent active ingredient, mix 4 or more quarts of the nonionic surfactant per 100 gallons of spray solution (1 percent or more by spray volume.) Use of surfactant concentrations greater than 3 percent of spray volume with handgun applications or 5 percent by spray volume with broadcast applications is not recommended.

Change to:

Entry (TM) II

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7/31

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

Douglas fir	Pinus
Pseudotsuga menziesii	Pinus spp.
Fir	Spruce
Abies spp.	Pinus spp.
Manzanita	
Juniper spp.	

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

**Use of additional surfactant is not recommended for release of loblolly species. In mixed conifer stands, injury to loblolly may result if Entry is used.

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

In Washington and Oregon, use only where conifers have been established for at least one growing season.

To release such pine, red pine, white pine, and white spruce, apply 1 to 2 quarts of this product with 2 ounces of Quat[®] per acre. Make applications to actively growing stands as a broadcast spray over the top of established conifers. Applications at these sites should be made after formation of conifer canopy buds in the late summer or fall.

For best results, use up to 5 fluid ounces of Entry per quart of Accord herbicide applied per acre. Do not exceed 10 fluid ounces per acre of Entry for conifer release. NOTE: In the coastal range and at elevations below 1500

feet in Washington and Oregon, conifer injury may result when rates of Entry exceed 5 fluid ounces per acre for conifer release. Where conifer injury may be a concern in these designated areas, use of Entry at rates greater than 5 fluid ounces per acre is not recommended.

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

Loblolly pine	Slash pine
Pinus taeda	Pinus attenuata
Eastern white pine	
Pinus strobus	

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.

In the southwestern United States, use up to 10 fluid ounces per acre of Entry with the recommended rate of Accord.

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

WOUNDING RELEASE

When applied as directed, this product also that 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 Quat[®] label. Make applications to actively growing weeds as a broadcast spray over the top of the newly established or established conifers.

Change to:

a surfactant

Change to:

For best results, mix up to 10 fluid ounces of Entry II per quart of Accord herbicide applied per acre. Injury may occur to conifers treated with greater than 20 fluid ounces per acre of Entry II, especially where spray patterns overlap. Where conifer injury may be a concern, do not exceed 20 fluid ounces per acre of Entry II.

NOTE: In the coastal range and at elevations below 1500 feet in Washington and Oregon, conifer injury may result when rates of Entry II exceed 10 fluid ounces per acre for conifer release. When conifer injury may be a concern in these designated areas, use of Entry II at rates greater than 10 fluid ounces per acre is not recommended.

Change to:

20 fluid ounces per acre of Entry II

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8/21 (8)

To release labradly weeds, apply 16 to 24 ounces of this product, plus 2 to 4 ounces of Quil per acre.

To release slash weeds, apply 12 to 16 ounces of this product, plus 2 to 4 ounces of Quil per acre.

Mix up to 1 fluid ounce per acre of Quil with the recommended rate of Accord plus Quil tank mixture.

Weed control may be reduced if water volume exceeds 25 gallons per acre for these treatments.

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

NOTE

Except where specifically prohibited, a nonionic surfactant may be used at the same rate as are given for Entry I for conifer release or herbaceous release applications.

Use a nonionic surfactant labeled for use with herbicides.

For conifer release or herbaceous release applications, do not use more than one surfactant with Accord.

*Quil is a trademark of E.I. du Pont de Nemours and Company.

*Entry is a trademark of Monsanto Company.

Change to:

Mix up to 6 fluid ounces per acre of Entry II

Change to:

NOTE

Except where specifically prohibited, a nonionic surfactant with up to 50 percent active ingredient may be used at the same rates as are given for Entry II for conifer release or herbaceous release applications. When using a nonionic surfactant with greater than 50 percent active ingredient, use one-half the amount recommended for Entry II.

WETLAND SITES

This product may be used in and around water and wetland found in forestry and utility rights-of-way sites, including land adjacent to and surrounding domestic water supply reservoirs, supply canals, 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 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.

Do not spray within open moving bodies of water where wading birds, trees and herbaceous plants do not exist. The maximum application rate of 5 quarts per acre must not be exceeded in a single application.

Change to:

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.

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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

The 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 the label). Near the end of the filling process, add the required surfactant and mix well. Rinse the tank immediately after filling to avoid splashing 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. Place the filling hose below the surface of the spray solution. Stirrers by hand and return hose at the bottom of the tank and, if needed, use an appropriate agitator or dispersing agent.

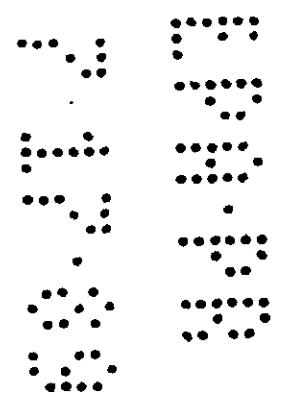
APPLICATION EQUIPMENT AND TECHNIQUES

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, drift, or splash onto desirable vegetation since residues 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 lower 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 the 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.



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10/21

10

7-3

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 clean water per acre as a broadcast spray. IN CALIFORNIA AERIAL APPLICATION MAY ONLY BE MADE IN NONRESIDENTIAL FORESTRY SITES AND CHAPPARAL AREAS.

AVOID DRIFT — DO NOT APPLY DURING INVERSION CONDITIONS, 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 erosion and utility rights-of-way applications. DO NOT USE DRIFT CONTROL ADDITIVES FOR CONIFER RELEASE OR HERBACEOUS RELEASE APPLICATIONS.

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 PAIR LANDING GEAR ARE MOST SUSCEPTIBLE. The requirements of 25 C.F.R. 17.102 (a) (2) (i) and (j) may be met by the use of 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 30 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 pump-held mistblower equipment. Use the recommended rates of this product plus surfactant in clean water as a spray-to-wet application. Spray coverage should be uniform and complete, but not to the point of runoff. It is suggested that the recommended amount of this product and surfactant be mixed in a larger container and then added to the sprayer.

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WORTH BURNING AND TINKER

Alder	Holly, Florida
<i>Alnus</i> spp.	<i>Quercus paguqua</i>
Ash	<i>Schreber</i>
<i>Fraxinus</i> spp.	<i>umbellulata</i>
Basswood, a white	Honeysuckle
<i>Populus tremuloides</i>	<i>Lonicera</i> spp.
Basswood (Glossy)	Karlin
<i>Chamaecyparis thurberi</i>	<i>Portia robusta</i>
Beech	Laurel, black
<i>Fagus grandifolia</i>	<i>Adiantum punctulatum</i>
Birch	Madonia
<i>Betula</i> spp.	<i>Arctostaphylos</i>
Blackberry	Mammals
<i>Rubus</i> spp.	<i>Archimedes</i> spp.
Blackgum	Maple
<i>Nyssa</i> spp.	<i>Acer</i> spp.
Bonnie	Monkey Flower
<i>Persea</i> spp.	<i>Alouatta palliata</i>

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51 (12)
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Croquet, Virginia	Sesuv
Portulacaceae	Rhus spp
quercus	Sesuv Goss
Buckeye	Lepidanthus apicalis
Rubus fruticosus	Sorbus
Elaeagnus	Polystichum monstrosa
Sambucus spp	Tellurites, Chinese
Ela	Sagittaria
Ulmus spp	Tan Oak
Eucalyptus, Macgreg	Lithocarpus densiflorus
Eucalyptus globulus	Thymifolius
Vaccinia	Rubus parviflorus
Haplophragma	Tellurites, tree
squarrosa	Myrica glauca
Hemlock	Trigonotis, or
Corylus spp	Corylus rostrata
Ham	Wormwood, slender
Corylus spp	Myrica carolin
	Willow
	Saxi spp

HERBACEOUS WEEDS

Echinochloa	Kochia
Paspalum notatum	Kochia scoparia
Setaria	Lactuca, common
Momordica charantia	Chenopodium album
Barnyardgrass	Lactuca, variety
Echinochloa crus-galli	Lactuca serotia
Rumex, acetosa	Moringa
Rumex crispus	Ipomoea spp
Barnyardgrass	Molly, virginica
Cynodon dactylon	Muhlenbergia frondosa
Bladder, field	Mullein, common
Conoclinium ovale	Verbascum thapsus
Bladder, Kentucky	Mustard, blue
Poa pratensis	Chenopodium serotia
Barnyardgrass	Mustard, long
Panicum aquile	Datura stramonium
Barn	Mustard, round
Barn spp	Synedra albastrum
Barnyard, smooth	Mustard, wild
Barn murex	Sinapis arvensis
Barnyard	Rapeseed
A. albastrum spp	Pennisetum purpureum
Barnyard	Nigella, slender
Rumex spp	Solanum elaeagnifolium

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13/31

13

7-5

Chest
Bromus racematus
 Chickadee, common
Centurus rugosus
 Chest, red
Trifolium pratense
 Chest, white
Trifolium repens
 Cocklebur
Xanthoxylum strumarum
 Crabgrass
Digitaria sp.
 Dandelion
Potentilla elatior
 Bush, early
Rumex crispus
 Dandelion
Krugia ciliata
 Fennel, sweet
Camphor microcarpa
 Fern
Festuca sp.
 Filifolius
 American sp.

Rubus sp. purple, yellow
Cyperus rotundus
Cyperus racematus
 Oats, wild
Avena sativa
 Oenothera
Dactylis glomerata
 Pansy
Panacea sp.
 Paspalum
Cortaderia jubata
 Paspalum, field
Thlaspi arvense
 Pigweed, red
Amaranthus retrofractus
 Pigweed, smooth
Amaranthus hybridus
 Quackgrass
Agropyron repens
 Ragwort, common
Antennaria arvensis
 Ragwort, giant
Antennaria arvensis
 Ryegrass, perennial
Lolium perenne

Flaxseed
Corylus americana
 Flaxseed
Ergon sp.
 Fennel
Satureia sp.
 Groundsel, common
Sonchus oleraceus
 Galium
Potentilla racemosa
 Hesperis
Solanum carolinense
 Hesperis/Hesperis
Corylus canadensis
 Hesperis
Sorghum halepense
 Hesperis
Panicum
clandestinum
 Hesperis
Cortaderia repens

Sandbar, field
Cenchrus sp.
 Sandbar
Cassia bery-berry
 Sandbar, broad
Bracharia platyphylla
 Sandbar, Pennsylvanian
Polygonum
perfoliatum
 Sandbar, small
Sonchus oleraceus
 Sandbar
Bidens bipinnata
 Sandbar, small
Hibiscus umbellatus
 Sandbar
Eragrostis ciliaris
 Sandbar, Canada
Cirsium arvense
 Sandbar, Russian
Salvia heli
 Sandbar
Panicum arvense
 Sandbar
Panicum capillare

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FORESTRY AND UTILITY RIGHTS-OF-WAY

INJECTION AND CUT STUMP APPLICATIONS

Woody brush and trees may be controlled using injection or cut stump applications of this product.

INJECTION APPLICATION

Apply the equivalent of 1 ml of this product for each 2 inches of trunk diameter. This is best achieved by applying 25 to 100 percent concentration of this product either to a continuous trail 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 dilute product to a continuous trail or more closely spaced cuttings. Avoid application techniques that allow runoff to occur from trail or cut areas in species that exude sap freely after trails or cutting. In species such as this, make trail or cut at an oblique angle so as to produce a cupping effect and use emulsified product. For best results, applications should be made during periods of active growth and after full leaf expansion.

CUT STUMP APPLICATION

Woody vegetation may be controlled by treating freshly cut stumps of trees and shrubs 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. Delay in applying this product will result in reduced performance. For best results, application should be made during periods of active growth and full leaf expansion.

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

Alder	Oak
Alum spp.	Quercus spp.
Cayennebrush	Poplar
Baccharis caroliniana	Populus spp.
Oregon	Saltcedar
Cornus spp.	Tamarix spp.
Eucalyptus	Sweetgum
Eucalyptus spp.	Liquidambar styraciflua
Hickory	Sycamore
Carya spp.	Platanus occidentalis
Madroño	Tan oak
Arbutus menziesii	Lithocarpus densiflorus
Maple	Willow
Acer spp.	Salix spp.

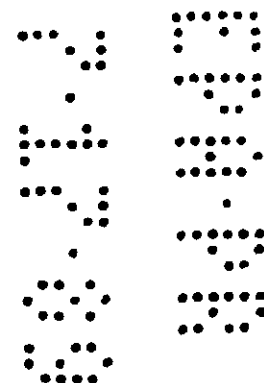
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CALIFORNIA

Accord® herbicide has been approved by the U.S. Environmental Protection Agency for the uses, crops and sites listed in this label and by California under label designation 1987-1. Approval of the uses listed below is pending under the State of California registration requirements. With the exception of these uses, this product contains the material approved by California in label 1987-1.

- Injection and cut stump applications.
- Use of any concentration other than 1 to 2% for spray-to-wet applications with handgun or backpack equipment.
- Hand-held mistblower equipment.
- Use of this product on the following species:

Barnyard (Barnyard)	Manzanita
Beech	Pampasgrass
Bracken	Pine
Broomrape	Tan oak
Madrone	
- Use of this product with Entry surfactant.
- Mixtures with more than 4 quarts of nonionic surfactant per 100 gallons of spray solution.
- Use of up to 5 quarts per acre for woody brush, trees, and perennial and annual herbaceous weeds, do not exceed the rates recommended for each species on label 1987-1.



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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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1989-1

832.65-000.20/53

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12

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HONCHO

- LABEL CHANGES:**
- (A) Move "Directions for Use" heading and Storage and Disposal Section on page 46 to page 1 before General Information Section.
 - (B) Insert Sugarcane Section before Fallow and Reduced Tillage Systems on page 48.

(B)

SUGARCANE

When applied as directed for "Crapping Systems", under the conditions described, this product controls those emergent annual and perennial weeds listed on the label growing in or around sugarcane or in fields to be planted to sugarcane. This product will also control undesirable sugarcane.

NOTE: Where repeat treatments are necessary, do not exceed a total of 18.6 quarts of this product per acre per year. Do not apply to vegetation in or around ditches, canals or ponds containing water to be used for irrigation.

Broadcast Treatment—Apply this product in 10 to 40 gallons of water per acre on emergent weeds growing in fields to be planted to sugarcane.

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For specific rates of application and instructions for control of various annual and perennial weeds, see the "Weeds Controlled" section of this label.

For control of last stubble or rotten cane, spray 4 to 5 quarts of this product in 10 to 40 gallons of water per acre to new growth having at least 7 or more new leaves. Spray 7 or more days after application before tillage.

Spot Treatment in or Around Sugarcane Fields—For dilution and rates of application using hand-held equipment, see "Mixing, Additives and Application Instructions" and "Weeds Controlled" sections of this label.

For control of volunteer or damaged sugarcane, make a 1 percent solution of this product in water and spray to wet the foliage of vegetation to be controlled.

NOTE: When spraying volunteer or damaged sugarcane the plants should have at least 7 new leaves.

Avoid spray contact with healthy cane plants since severe damage or destruction may result.

Do not feed or graze treated sugarcane forage following application.

ACCEPTED

SEP - 6 1999

Under the Federal Insecticide, Fungicide, and Plant Pesticide Act, as amended, for the pesticide registered under EPA Reg. No. 524-326

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HONCHO

FOR USE IN ALABAMA ARIZONA ARKANSAS
DELAWARE FLORIDA GEORGIA LOUISIANA
MARYLAND MISSISSIPPI NEVADA NEW MEXICO
NORTH CAROLINA OREGON SOUTH CAROLINA
TENNESSEE TEXAS VIRGINIA AND WASHINGTON

Complete Directions for Use

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

¹ Honcho is a registered trademark of Monsanto Company

EPA Reg. No. 524-326

1987-1

892.67-000/CG

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

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, 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

Avoid contact with eyes, skin or clothing.

Wash thoroughly with soap and water after handling.

FIRST AID: IF IN EYES, immediately flush with plenty of water for at least 15 minutes. Call a physician.

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

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

Environmental Hazards

Do not apply directly to water or wetland (swamps, bogs, marshes or peatlands). Do not contaminate water when disposing of equipment washwaters.

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

*Isopropylamine salt of glyphosate	41.5%
INERT INGREDIENTS	58.5%
	100.0%

*Contains 480 grams per liter or 4 pounds of the active ingredient isopropylamine salt of N-(phosphonomethyl) glycine per U.S. gallon. Equivalent to 356 grams per liter or 3 pounds per U.S. gallon of the acid, glyphosate.

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Product protected by
U.S. Pat. No. 3,799,758 and
U.S. Pat. No. 4,405,531

Other patents pending

No license granted under any non-U.S. patent

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GENERAL INFORMATION

DO NOT APPLY THIS PRODUCT USING AERIAL SPRAY EQUIPMENT EXCEPT UNDER CONDITIONS AS SPECIFIED WITHIN THIS LABEL.

This product, a water soluble liquid, mixes readily with water to be applied as a foliar spray for the control or destruction of most herbaceous plants. It may be applied through most standard industrial or field-type sprayers after dilution and thorough mixing with water in accordance with label instructions.

This product moves through the plant from the point of foliage contact to and into the root system. Visible effects on most annual weeds occur within 2 to 4 days, but on most perennial weeds may not occur for 7 days or more. Extremely cool or cloudy weather following treatment may slow down activity of this product and delay visible effects of control. Visible effects are a gradual wilting and yellowing of the plant which advances to complete browning of aboveground growth and deterioration of underground plant parts.

Unless otherwise specified on this label, delay application until vegetation has emerged and reached the stages described for control of such vegetation under the "Weeds Controlled" section of this label. Unemerged plants arising from unattached underground rhizomes or root stocks of perennials will not be affected by the spray and will continue to grow. For this reason, best control of most perennial weeds is obtained when treatment is made at late growth stages approaching maturity.

Always use the higher rate of this product per acre within the recommended range when (1) weed growth is heavy or dense, or (2) weeds are growing in an undisturbed (noncultivated) area.

Do not treat weeds under poor growing conditions such as drought stress, damage or insect damage, as reduced weed control may result. Reduced results may also occur when treating weeds heavily covered with dust.

Reduced control may result when applications are made to annual or perennial weeds that have been mowed, grazed, or cut, and have not been allowed to regrow to the recommended stage for treatment.

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

This product does not provide residual weed control. For subsequent residual weed control follow a label-approved herbicide program. Read and carefully observe

the cautionary statements and all other information appearing on the labels of all herbicides used.

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

For best results, spray coverage should be uniform and complete. Do not spray weed foliage to the point of runoff.

Keep people and pets off treated areas until spray solution has dried to prevent transfer of this product onto desirable vegetation.

ATTENTION

DOMESTIC ANIMALS: This product is considered to be relatively nontoxic to dogs and other domestic animals; however, ingestion of this product or large amounts of freshly sprayed vegetation may result in temporary gastrointestinal irritation (vomiting, diarrhea, colic, etc.). If such symptoms are observed, provide the animal with plenty of fluids to prevent dehydration. Call a veterinarian if symptoms persist for more than 24 hours.

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 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. Keep container closed to prevent spills and contamination.

MIXING, ADDITIVES AND APPLICATION INSTRUCTIONS

APPLY THESE SPRAY SOLUTIONS IN PROPERLY MAINTAINED AND CALIBRATED EQUIPMENT CAPABLE OF DELIVERING DESIRED VOLUMES. DO NOT APPLY UNDER WIND OR OTHER CONDITIONS WHICH ALLOW DRIFT TO OCCUR. HAND GUN 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 requires use with a nonionic surfactant. When using this product, mix 4 to 8 quarts (1 to 2 percent solution) of a nonionic surfactant per 100 gallons of spray solution. Use the 8-qt rate for any surfactant containing less than 50 percent active ingredient. Read and carefully observe surfactant cautionary statements and other information appearing on the surfactant label.

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. Add the proper amount of this product (see "Directions for Use" and "Weeds Controlled" sections of this label) and nonionic surfactant near the end of the filling process and mix well. Remove hose from tank immediately after filling to avoid siphoning back into the carrier source. During mixing and application, foaming of the spray solution may occur. To prevent or minimize foam, avoid the use of mechanical agitators, place the filling hose below the surface of the spray solution, terminate by-pass and return lines at the bottom of the tank and, if needed, use an approved anti-foam or defoaming agent.

CLEAN SPRAYER AND PARTS IMMEDIATELY AFTER USING THIS PRODUCT BY THOROUGHLY FLUSHING WITH WATER AND DISPOSE OF RINSEATE ACCORDING TO LABELED USE OR DISPOSAL INSTRUCTIONS.

TANK MIXTURES

Always predetermine the compatibility of labeled tank mixtures of this product with water carrier by mixing small proportional quantities in advance.

Mix labeled tank mixtures of this product with water as follows:

1. Place a 20 to 35 mesh screen or wetting basket over filling port.
2. Through the screen, fill the sprayer tank one-half full with water and start agitation.
3. If a wettable powder is used, make a slurry with the water carrier, and add it **SLOWLY** through the screen into the tank. Continue agitation.
4. If a flowable formulation is used, premix one part flowable with one part water. Add diluted mixture **SLOWLY** through the screen into the tank. Continue agitation.
5. If an emulsifiable concentrate formulation is used, premix one part emulsifiable concentrate with two parts water. Add diluted mixture **SLOWLY** through the screen into the tank. Continue agitation.
6. Continue filling the sprayer tank with water and add the required amount of this product near the end of the filling.
7. Add nonionic surfactant to the spray tank before completing the filling process.
8. Add individual formulations to the spray tank as follows: wettable powder, flowable, emulsifiable concentrate, drift control additive, water soluble liquid followed by surfactant.

Maintain good agitation at all times until the contents of the tank are sprayed. If the spray mixture is allowed to settle, thorough agitation is required to resuspend the mixture before spraying is resumed.

Keep by-pass line on or near bottom of tank to minimize foaming. Screen size in nozzle or line streamers should be no finer than 50 mesh. Carefully select proper nozzle to avoid spraying a fine mist. For best results with conventional ground application equipment, use flat fan nozzles.

Clean sprayer and parts immediately after using this product by thoroughly flushing with water.

ADDITIVES

AMMONIUM SULFATE

The addition of 2 percent dry ammonium sulfate by weight or 17 pounds per 100 gallons of water may in-

crease the performance of this product and this product plus 2,4-D amine or Banvel[®] tank mixtures on annual and perennial weeds. The improvement in performance may be apparent where environmental stress is a concern. Low-quality ammonium sulfate may contain material that will not readily dissolve which could result in nozzle tip plugging. To determine quality, perform a jar test by adding 1/3 cup of ammonium sulfate to 1 gallon of water and agitate for 1 minute. If undissolved sediment is observed, predissolve the ammonium sulfate in water and filter prior to addition to the spray tank. If ammonium sulfate is added directly to the spray tank, add slowly with agitation. Adding too quickly may clog outlet lines. Ensure that ammonium sulfate is completely dissolved in the spray tank before adding herbicides or surfactant. Thoroughly rinse the spray system with clean water after use to reduce corrosion.

NOTE: The use of ammonium sulfate as an additive does not preclude the need for surfactant. Do not use herbicide rates lower than recommended in this label.

[®]Banvel is a trademark of Sandoz, Inc.

COLORANTS OR DYES

Agriculturally approved colorants or marking dyes may be added to this product. Colorants or dyes used in spray solutions of this product may reduce performance, especially at lower rates or dilutions. Use colorants or dyes according to manufacturer's recommendations.

APPLICATION EQUIPMENT AND TECHNIQUES

Do not apply this product through any type of irrigation system.

This product may be applied with the following application equipment:

Aerial — Fixed Wing and Helicopter

Broadcast Spray

Controlled Droplet Application (CDA) — Hand-held or boom-mounted applicators which produce a spray consisting of a narrow range of droplet sizes.

Hand-held and High-Volume Spray Equipment — Backpack and knapsack sprayers, pump-up pressure sprayers, handguns, handwands, hoses and other hand-held spray equipment used to direct the spray onto weed foliage and vehicle-mounted, high-volume spray equipment for spray-to-wet applications.

Selective Equipment — Shielded sprayers

See the appropriate part of this section for specific rates of application and instructions.

••••• AERIAL EQUIPMENT •••••

Use the recommended rate of this product in 3 to 15 gals. of water per acre (gallons specified on this label). See the "Weeds Controlled" section of this label for specific rates. Unless otherwise specified, do not exceed the one quart per acre of this product. (Small quantities of this product may be made to control spraying conventional tillage systems, postemergence. Refer to the individual line applications of this label for recommended volume and application rates.) **FOR AERIAL APPLICATION (LOW VOLUME), REFER TO THE FEDERAL LABEL FOR AERIAL APPLICATIONS IN THAT STATE FOR SPECIFIC INSTRUCTIONS, RESTRICTIONS AND REQUIREMENTS.**

Avoid direct application to any body of water.

AVOID DRIFT — DO NOT APPLY DURING INVERSION CONDITIONS, 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 disperse spray as fine spray droplets. Do not angle nozzles forward into the airstream and do not increase spray volume by increasing nozzle pressure.

Drift control additives may be used. When a drift control additive is used, read and carefully observe the cautionary statements and all other information appearing on the additive label.

Ensure uniform application — To avoid streaked, uneven or overlapped application, use appropriate marking devices.

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.

BROADCAST EQUIPMENT

For control of annual or perennial weeds listed on this label using broadcast equipment — Use the recommended rates of this product in 3 to 40 gallons of water per acre as a broadcast spray unless otherwise specified on this label. See the "Weeds Controlled" section of this label for specific rates. As density of weeds increases, spray gallonage should be increased within the recommended range to ensure complete coverage. Carefully select proper nozzle to avoid spraying a fine mist. For best results with ground application equipment, use flat fan nozzles. Check for even distribution of spray droplets.

CONTROLLED DROPLET APPLICATION (CDA)

The rate of this product applied per acre by vehicle-mounted CDA equipment must not be less than the amount recommended in this label when applied by conventional broadcast equipment. For vehicle-mounted CDA equipment, apply 3 to 15 gallons of water per acre.

For the control of labeled annual weeds with hand-held CDA units, apply a 20 percent solution of this product plus a 5 percent solution of nonionic surfactant at a flow rate of 2 fluid ounces per minute and a walking speed of 1.5 MPH (1 quart per acre). For the control of labeled perennial weeds, apply a 20 to 40 percent solution of this product plus a 5 to 10 percent solution of nonionic surfactant at a flow rate of 2 fluid ounces per minute and a walking speed of 0.75 MPH (2 to 4 quarts per acre).

Controlled droplet application equipment produces a spray pattern which is not easily visible. Extreme care must be exercised to avoid spray or drift contacting the foliage or any other green tissue of desirable vegetation as damage or destruction may result.

HAND-HELD and

HIGH-VOLUME EQUIPMENT

Use coarse sprays only.

Mix this product in clean water and apply to foliage of vegetation to be controlled. For applications made on a

spray-to-wet basis, spray coverage should be uniform and complete. Do not spray to the point of runoff.

For control of annual weeds listed on this label, apply 0.5 percent solution of this product plus nonionic surfactant to weeds less than 6 inches in height or runner length. Apply prior to seedhead formation in grasses or bud formation in broadleaves. Allow three or more days before tillage or mowing.

For annual weeds over 6 inches tall, or unless otherwise specified, use a 1 percent solution. For best results, use a 2 percent solution on harder-to-control perennials, such as bermudagrass, dock, field bindweed, hemp dogbane, milkweed and Canada thistle.

Less than complete coverage of weeds may result from the use of spray equipment designed for restricted spot treatments. Where less than complete coverage of annual weeds occurs, use a 5 percent solution. Do not reduce recommended concentrations of this product when adding surfactant.

Prepare the desired volume of spray solution by mixing the amount of this product in water as shown in the following table.

Spray Solution					
AMOUNT OF NONTHO®					
DESIRED VOLUME	1/2%	1%	1-1/2%	2%	5%
1 gallon	2/3 oz	1-1/3 oz	2 oz	2-2/3 oz	6-1/2 oz
25 gallons	1 pt	1 qt	1-1/2 qt	2 qt	5 qt
100 gallons	2 qt	1 gal	1-1/2 gal	2 gal	5 gal

2 tablespoons = 1 ounce

Add surfactant at a rate of 1 to 2 oz per gallon of spray mix.

For use in knapsack sprayers, it is suggested that the proper amount of this product be mixed with water in a larger container. Fill sprayer with the mixed solution and add the correct amount of surfactant.

For hand-held CONTROLLED DROPLET APPLICATORS see the "Controlled Droplet Application (CDA)" section of this label.

SELECTIVE EQUIPMENT

This product may be applied through a shielded applicator after dilution and thorough mixing with water to listed weeds growing in any noncrop site specified on this label and only when specifically recommended in cropping systems.

A shielded applicator directs the herbicide solution onto weeds while shielding desirable vegetation from the herbicide.

AVOID CONTACT WITH DESIRABLE VEGETATION

Contact of the herbicide solution with desirable vegetation may result in damage or destruction. Droplets, mist, foam, or splatter of the herbicide solution settling on desirable vegetation may result in decoloration, stunting, or destruction.

Weeds not contacted by the herbicide solution will not be affected. This may occur in dense clumps, severe infestations, or when the height of the weeds varies so that not all weeds are contacted. In these instances, repeat treatment may be necessary.

See the "Weeds Controlled" section of this label for recommended stage of growth for specific weeds.

NOTE

- Maintain equipment in good operating condition. Avoid leakage or dripping onto desirable vegetation.

• Higher weight of applicator to ensure adequate contact with weeds.

- Keep shields on shielded applicators adjusted to protect desirable vegetation.
- DO NOT operate equipment at ground speeds greater than 5 mph. Weed control may be affected by speed of application equipment. As weed density increases, reduce equipment ground speed to ensure good coverage of weeds.

SHIELDED APPLICATORS

When applied as directed under conditions described for shielded applicators, this product will control those weeds listed in the "Weeds Controlled" section of this label.

Shielded applicators which apply the herbicide solution as a spray band should be calibrated on a broadcast equivalent rate and volume basis. To determine these

$$\frac{\text{Band width in inches}}{\text{Row width in inches}} \times \text{Herbicide broadcast RATE per acre} = \text{Herbicide band RATE per acre}$$

$$\frac{\text{Band width in inches}}{\text{Row width in inches}} \times \text{Broadcast VOLUME of solution per acre} = \text{Band VOLUME of solution per acre}$$

Use nozzles that provide uniform coverage within the treated area. **EXTREME CARE MUST BE EXERCISED TO AVOID CONTACT WITH DESIRABLE VEGETATION.**

For specific rates of application and instructions for control of various annual and perennial weeds, see the "Weeds Controlled" section of this label.

WEEDS CONTROLLED

This herbicide controls many annual and perennial grasses and broadleaf weeds.

ANNUAL WEEDS

- Apply to actively growing grass and broadleaf weeds.
- Allow at least 3 days after treatment before tillage.
- For maximum agronomic benefit, apply when weeds are 6 inches or less in height.
- To prevent seed production, applications should be made prior to seedhead formation.
- This product does not provide residual control; therefore, delay application until maximum weed emergence. Repeat treatments may be necessary to control later germinating weeds.

LOW-VOLUME BROADCAST APPLICATION (LOW-RATE TECHNOLOGY)

When applied as directed under the conditions described, this product will control the weeds listed below when:

1. Water carrier volumes are 3 to 10 gallons per acre for ground applications and 3 to 5 gallons per acre for aerial applications. (See the "Aerial Equipment" section of this label for approved sites.)

NOTE

- The addition of 2 percent dry ammonium sulfate by weight or 17 pounds per 100 gallons of water may increase the performance of this product on annual weeds. The improvement in performance may be apparent where environmental stress is a concern. Refer to the "Mixing, Additives and Application Instructions" section of this label.

- Do not tank-mix with soil-residual herbicides when using these rates unless otherwise specified.
- For weeds that have been mowed, grazed or cut, allow regrowth to occur prior to treatment.
- Refer to the "Tank Mixtures" portion of this section for control of additional broadleaf weeds.

WEED SPECIES	MAXIMUM HEIGHT	RATE PER ACRE**
Festail		
<i>Setaria</i> spp.	12"	8 oz.
Barnyardgrass		
<i>Echinochloa crus-galli</i>	6" (0 to 4" 4 to 6")	12 oz. 16 oz. ¹⁾ 24 oz. ¹⁾
Blindgrass, annual		
<i>Poa annua</i>		
Bromus, downy*		
<i>Bromus tectorum</i>		
Mustard, blue		
<i>Cherapora tenuifolia</i>		
Mustard, tansy		
<i>Descurainia pinnata</i>		
Mustard, tumble		
<i>Scyrridium altissimum</i>		
Mustard, wild		
<i>Samolus arvensis</i>		
Spurry, umbrella		
<i>Holostium umbellatum</i>		
Barley		
<i>Hordeum vulgare</i>	12"	
Rye		
<i>Secale cereale</i>		
Sandbar, field		
<i>Cenchrus</i> spp.		
Shattercane		
<i>Sorghum bicolor</i>		
Stinkgrass		
<i>Eragrostis ciliaris</i>		
Wheat		
<i>Triticum aestivum</i>	18"	
Morningglory		
<i>Ipomoea</i> spp.	2"	16 oz.
Sicklepod		
<i>Cassia obtusifolia</i>		
Blindgrass, bulbous		
<i>Poa bulbosa</i>	6"	
Chest		
<i>Bromus tectorum</i>		
Chickweed, mossy		
<i>Coronilla vulgatum</i>		
Corn		
<i>Zea mays</i>		
Groundnut, common		
<i>Senecio vulgaris</i>		
Hamwood/Blacktail		
<i>Corypha canadensis</i>		
Lambquarters, common		
<i>Chenopodium album</i>		

WEED SPECIES	MAXIMUM HEIGHT	RATE PER ACRE**
Pennycress, field		
<i>Thlaspi arvense</i>	6"	16 oz.
Rocket, London		
<i>Scyrridium m.</i>		
Ryegrass, Italian		
<i>Lolium multiflorum</i>		
Shepherdspurse		
<i>Capella bursa-pastoris</i>		
Buttercup		
<i>Ranunculus</i> spp.	12"	
Cocklebur		
<i>Xanthium strumarium</i>		
Cockspur		
<i>Digitalis</i> spp.		
Downywood		
<i>Krigia coccinea</i>		
Falsifox, smallhead		
<i>Canola microcarpa</i>		
Festail, Carolina		
<i>Alonecurus carolinianus</i>		
Johnsongrass, seedling		
<i>Sorghum halepense</i>		
Oats, wild		
<i>Avena fatua</i>		
Panicum, fall		
<i>Panicum ochotomiflorum</i>		
Panicum, Texas		
<i>Panicum texanum</i>		
Pigweed, redroot		
<i>Amaranthus retrofractus</i>		
Pigweed, smooth		
<i>Amaranthus hybridus</i>		
Wildgrass		
<i>Panicum capillare</i>		
Sicklepod		
<i>Cassia obtusifolia</i>	3 to 4"	24 oz.
Signalgrass, broadleaf		
<i>Brachiaria platyphylla</i>	4"	
Hamwood/Blacktail		
<i>Corypha canadensis</i>	7 to 12"	
Lambquarters, common		
<i>Chenopodium album</i>		
Teasdale		
<i>Sida sp.</i>	4"	32 oz.
Rice, red		
<i>Oryza sativa</i>	6"	
Carabid, Carolina		
<i>Carabid</i>	12"	
Carabid		
<i>Carabid</i>		
Carabid		
<i>Carabid</i>		

BEST AVAILABLE COPY

WEED SPECIES	MAXIMUM HEIGHT	RATE PER ACRE**
Pennycress, cutleaf		
<i>Thlaspi arvense</i>	12"	32 oz.
Penny, Florida		
<i>Richardia scabra</i>	5 to 12"	
Sicklepod		
<i>Cassia obtusifolia</i>		
Spanishbush		
<i>Bidens bipinnata</i>		
Flower		
<i>Eragrostis</i> spp.	12"	48 oz.

*Use these rates in Arkansas, Mississippi, Louisiana and Texas for preplant treatments.

**For control in no-till systems, use 16 fluid ounces per acre.

***For these rates less than 32 ounces per acre, this product at rates up to 32 ounces per acre may be used where heavy weed densities exist.

- **TANK MIXTURES**
- **HONCHO® plus BANVEL**
- **plus NOMORIC SURFACTANT**
- **HONCHO plus 2,4-D AMINE**
- **plus NOMORIC SURFACTANT**

DO NOT APPLY BANVEL OR 2,4-D AMINE TANK MIXTURES BY AIR IN CALIFORNIA

These tank mixtures are recommended for use in fallow and reduced tillage areas only. Follow use directions as given in this "Low-Volume Broadcast Application" section.

Honcho herbicide plus Banvel or 2,4-D amine will control the annual grasses and broadleaf weeds previously listed for this product alone at the indicated heights (except 8 ounces per acre applications), plus the following broadleaf weeds. For these weeds previously listed at 8 ounces of this product alone per acre, use the 12-ounce rate in these tank mixtures.

NOTE: Refer to the specific product labels for crop rotation restrictions and cautionary statements of all products used in tank mixtures. Some crop injury may occur if Banvel is applied within 45 days of planting. The addition of Banvel in a mixture with this product may provide short-term residual control of selected weeds.

Apply 12 to 16 ounces of this product plus 0.25 lb. a.i. of Banvel or 0.5 lb. a.i. of 2,4-D amine per acre to control deep germinating of the following annual broadleaf weeds when less than 6 inches in height:

- **Kochia** *Kochia scoparia*
- **Pigweed, redroot** *Amaranthus retrofractus*
- **Lambquarters** *Chenopodium album*
- **Black, Russian** *Salsola kali*
- **Lettuce, prickly** *Lactuca scariola*

*Controlled with Banvel tank mixture only.

HIGH-VOLUME BROADCAST APPLICATIONS

When applied as directed under the conditions described, this product will control the weeds listed be-

low when water carrier volumes are 10 to 40 gallons per acre for ground applications.

Use 1 quart of this product per acre if weeds are less than 6 inches tall. If weeds are over 6 inches tall, use 1.5 quarts of this product per acre. If weeds have been mowed, grazed, or cut, allow adequate time for new growth to recommended stages prior to treatment. These rates will also provide control of weeds listed in the "Low-Volume Broadcast Application" section.

WEED SPECIES

Barnyardgrass*	Panicum
<i>Momordica charantia</i>	<i>Panicum</i> spp.
Basil, sweetleaf	Ragweed, common
<i>Basil hirsutifolia</i>	<i>Andropogon artemisiifolia</i>
Brome	Ragweed, giant
<i>Bromus</i> spp.	<i>Andropogon trifida</i>
Fieldcock	Smartweed, Pennsylvania
<i>Amaranthus</i> spp.	<i>Polygonum</i>
Flashed hairy	<i>perfoliatum</i>
<i>Caryz bonariensis</i>	Southwilde, annual
"labane"	<i>Sonchus oleraceus</i>
Ergon spp.	Sunflower
	<i>Helianthus annuus</i>
Heckia	Thistle, Russian
<i>Heckia scoparia</i>	<i>Salsola kali</i>
Lettuce, prickly	Velvetleaf
<i>Lactuca scariola</i>	<i>Abutilon theophrasti</i>

*Apply with hand-held equipment only

PERENNIAL WEEDS

Apply this product as follows to control or destroy most perennial weeds:

NOTE: If weeds have been mowed or tilled, do not treat until plants have resumed active growth and are at the recommended stages.

Repeat treatments may be necessary to control weeds regenerating from underground parts or seed. Repeat treatments must be made prior to crop emergence.

... addition of 2 percent dry ammonium sulfate by weight or 17 pounds per 100 gallons of water may increase the performance of this product on perennial weeds. The improvement in performance may be apparent where environmental stress is a concern. Refer to the "Mixing, Additives and Application Instructions" section of this label.

When applied as recommended under the conditions described, this product WILL CONTROL the following PERENNIAL WEEDS:

Ailanthus	Guineagrass
<i>Ailanthus altissima</i>	<i>Panicum maximum</i>
Allylweed*	Horseweed
<i>Alternanthera philoxeroides</i>	<i>Solanum carolinense</i>
Arbitaria, Jerusalem	Mueselbush
<i>Helianthus tuberosus</i>	<i>Artemisia rusticana</i>
Balingrass	Johnsongrass
<i>Paspalum notatum</i>	<i>Sorghum halepense</i>
Barnyardgrass	Eleusine
<i>Agrostis</i> spp.	<i>Pennisetum clandestinum</i>
Bermudagrass	Emerson
<i>Quercus decolor</i>	<i>Cenchrus repens</i>
Blindweed, field	Lantana
<i>Convolvulus arvensis</i>	<i>Lantana camara</i>

Blindweed, Kentucky	Millweed
<i>Poa</i> spp.	<i>Asclepias</i> spp.
Blindweed, Texas	Mullein, common
<i>Helianthus ciliaris</i>	<i>Verbascum thapsus</i>
Buckhorn	Nutsedge
<i>Parthenium aquinum</i>	<i>Pennisetum purpureum</i>
Bromegrass, smooth	Nightsade, silverleaf
<i>Bromus inermis</i>	<i>Solanum elaeagnifolium</i>
Burrago, woollyleaf	Nutsedge, purple, yellow
<i>Franseria tomentosa</i>	<i>Cyperus rotundus</i>
Canarygrass, reed	<i>Cyperus esculentus</i>
<i>Phalaris arundinacea</i>	Orchardgrass
Cattail	<i>Dactylis glomerata</i>
<i>Typha</i> spp.	Pampas
Clover, red	<i>Cortaderia jubata</i>
<i>Trifolium pratense</i>	Paragrass
Clover, white	<i>Brachiaria mutica</i>
<i>Trifolium repens</i>	Pyragrass, perennial
Cogongrass	<i>Lolium perenne</i>
<i>Imperata cylindrica</i>	Smartweed, swamp
Dallisgrass	<i>Polygonum coccineum</i>
<i>Paspalum dilatatum</i>	Sweet potato, wild*
Dandelion	<i>Ipomoea pandurata</i>
<i>Taraxacum officinale</i>	Thistle, Canada
Dock, curly	<i>Cirsium arvense</i>
<i>Rumex crispus</i>	Timothy
Dogbane, hemp	<i>Phleum pratense</i>
<i>Apocynum cannabinum</i>	Ternstroemia*
Fescue	<i>Panicum repens</i>
<i>Festuca</i> spp.	Vasegrass
Fescue, tall	<i>Paspalum urvillei</i>
<i>Festuca arundinacea</i>	Whorlgrass, western
	<i>Agropyron smithii</i>

*Partial control

Ailanthus — Apply 1 quart of this product in 3 to 10 gallons of water per acre. Make application after last hay cutting in the fall. Allow alfalfa to regrow to a height of 6 to 8 inches or more prior to treatment. Applications should be followed with deep tillage at least 7 days after treatment, but before soil freeze-up.

Allylweed — Apply 4 quarts of this product per acre or apply a 1-1/2 percent solution with hand-held equipment to provide partial control. Apply when most of the plants are in bloom. Repeat applications will be required to maintain such control.

Barnyardgrass — For suppression in grass seed production areas. For ground applications only, apply 1.5 quarts of this product in 10 to 20 gallons of water per acre. Ensure entire crown area has resumed growth prior to a fall application. Barnyardgrass should have at least 3 inches of growth. Tillage prior to treatment should be avoided. Tillage 7 to 10 days after application is recommended for best results. Failure to use tillage after treatment may result in unacceptable control.

Bermudagrass — For control, apply 5 quarts of this product per acre and, for partial control, apply 3 quarts per acre. Treat when bermudagrass is actively growing and seedheads are present. Retreatment may be necessary to maintain control. Allow 7 or more days after application before tillage.

Blindweed, field / Blindweed, Texas — Apply 4 to 5 quarts of this product per acre west of the Mississippi River and 3 to 4 quarts per acre east of the Mississippi River. Apply when weed is actively growing and is at or beyond full

bloom. Do not treat when weed is under drought stress, as good soil moisture is necessary for active growth. For best results, apply in late summer or fall. Fall treatments must be applied before a killing frost. Allow 7 or more days after application before frost.

Blindweed, field (suppression on irrigated land where annual tillage is performed) — Apply 1 quart of this product in 3 to 10 gallons of water per acre. Apply to actively growing blindweed that has reached a length of 12 inches or greater. Allow maximum weed emergence and runner growth. Do not treat when weed is under drought stress, as good soil moisture is necessary for active growth. Allow 3 or more days after application before tillage.

Blindweed, Kentucky / Bromegrass, smooth / Orchardgrass — Apply 2 quarts of this product in 10 to 40 gallons of water per acre when the grasses are actively growing and most plants have reached boot-to-early seedhead stage of development. For partial control in pasture or hay crop renovation, apply 1 to 1-1/2 quarts of this product in 5 to 10 gallons of water per acre.

Apply to actively growing plants when most have reached 4 to 12 inches in height. Allow 7 or more days after application before tillage.

Buckhorn — Apply 3 to 4 quarts of this product per acre as a broadcast spray or as a 1 to 1-1/2 percent solution with hand-held equipment. Apply to fully expanded leaves which are at least 18 inches long.

Burrago, woollyleaf — For control, apply 2 quarts of this product plus 1 pint of Banvel per acre. For partial control, apply 1 quart of this product plus 1 pint of Banvel per acre. Apply 3 to 20 gallons of water per acre. Apply when plants are producing new active growth which has been initiated by moisture for at least 2 weeks and when plants are at or beyond flowering.

Canarygrass, reed / Timothy / Whorlgrass, western — Apply 2 to 3 quarts of this product per acre. For best results, apply to actively growing plants when most have reached the boot-to-head stage of growth. Allow 7 or more days after application before tillage.

Cogongrass — Apply 3 to 5 quarts of this product in 10 to 40 gallons of water per acre. Apply when cogongrass is at least 18 inches tall and actively growing in late summer or fall. Allow 7 or more days after application before tillage or mowing. Due to uneven stages of growth and the dense nature of vegetation preventing good spray coverage, repeat treatments may be necessary to maintain control.

Dallisgrass, hemp / Mueselbush / Emerson — Apply 4 quarts of this product per acre. Apply when actively growing and when most weeds have reached the late bud to flower stage of growth. Following crop harvest or mowing, allow weeds to regrow to a mature stage prior to treatment. For best results, apply in late summer or fall. Allow 7 or more days after application before tillage.

Fescue, tall — Apply 3 quarts of this product in 10 to 40 gallons of water per acre to actively growing plants when most have reached boot-to-early seedhead stage of development.

Fall applications only — Apply 1 quart of this product in 3 to 10 gallons of water per acre. Apply to fescue in the fall when actively growing and plants are 6 to 12 inches of new growth. Allow 7 or more days after application before tillage. A sequential application of 1 pint per acre of this product will improve long-term control and control seedlings germinating after fall treatments or the following spring.

Guineagrass — Apply 3 quarts of this product per acre or use a 1 percent solution with hand-held equipment. Apply to actively growing guineagrass when most have reached at least the 7-leaf stage of growth. Ensure thorough coverage when using hand-held equipment. Allow 7 or more days after application before tillage.

Johnsongrass / Ryegrass, perennial — Apply 1 to 3 quarts of this product per acre. In annual cropping systems, apply 1 to 2 quarts of this product per acre. Apply 1 quart of this product in 3 to 10 gallons of water per acre. Use 2 quarts of this product when applying 10 to 40 gallons of water per acre. In noncrop or areas where annual tillage (no-till) is not performed, apply 2 to 3 quarts of this product in 10 to 40 gallons of water per acre. For best results, apply to actively growing plants when most have reached the boot-to-head stage of growth. Allow 7 or more days after application before tillage. Do not tank-mix with residual herbicides when using the 1 quart per acre rate.

For burndown of johnsongrass, apply 1 pint per acre in 3 to 10 gallons of water per acre before the plants reach a height of 12 inches. For this use, allow at least 3 days after treatment before tillage.

Spot Treatment (partial control or suppression) — Apply a 1 percent solution of this product when johnsongrass is 12 to 18 inches in height. Coverage should be uniform and complete.

Kikuyugrass — Apply 2 to 3 quarts of this product per acre. Spray when most kikuyugrass is at least 8 inches in height (3 or 4-leaf stage of growth) and actively growing. Allow 3 or more days after application before tillage.

Lantana — Apply this product as a 1 to 1-1/4 percent solution using hand-held equipment only. Apply to actively growing lantana at or beyond the bloom stage of growth. Use the higher application rate for plants that have reached the woody stage of growth. Allow 7 or more days after application before tillage.

Milkweed, common — Apply 3 quarts of this product per acre. Apply when actively growing and most of the milkweed has reached the late bud to flower stage of growth. Following small grain harvest or mowing, allow milkweed to regrow to a mature stage prior to treatment. Allow 7 or more days after application before tillage.

Nightshade, silverleaf — For control, apply 2 quarts of this product in 3 to 10 gallons of water per acre. Applications should be made when at least 60 percent of plants have berries. Fall treatments must be applied before a killing frost. Allow 7 or more days after application before tillage. Do not treat when weed is under drought stress, as good soil moisture is necessary for active growth.

Nutsedge, purple, yellow — Apply 3 quarts of this product per acre as a broadcast spray, or apply a 1 percent solution from hand-held equipment to control existing nutsedge plants and immature nutlets attached to treated plants. Treat when plants are in flower or when new nutlets can be found at rhizome tips. Nutlets which have not germinated will not be controlled and may germinate following treatment. Repeat treatments will be required for long-term control. Wait 7 days after treatment before tillage. Tillage will stimulate nutlet germination.

Apply 1 pint to 1 quart of this product per acre in 3 to 40 gallons of water per acre to provide suppression or partial control of existing nutsedge plants. Treat when plants have 3 to 5 leaves (less than 6 inches). Repeat treatments will be required to control subsequent emerg-

ing plants. Wait 7 days after treatment before tillage or mowing.

Sweet Potato, wild — Apply this product as a 2 percent solution using hand-held equipment. Apply to actively growing weeds that are at or beyond the bloom stage of growth. Repeat applications will be required. Allow the plant to reach the recommended stage of growth before retreatment. Allow 7 or more days before tillage.

Pampas — Apply this product as a 1-1/2 to 2 percent solution using hand-held equipment. Apply to plants that are actively growing at or beyond the boot stage of growth. Thorough coverage is necessary for best control.

Thistle, Canada — Apply 2 to 3 quarts of this product per acre. Apply to actively growing thistles when most are at or beyond the bud stage of growth. After harvest, mowing or tillage in the late summer or fall, allow at least 4 weeks for initiation of active growth and rosette development prior to the application of this product. Fall treatments must be applied before a killing frost. Allow 3 or more days after application before tillage.

For suppression of Canada thistle, apply 1 quart of this product in 3 to 10 gallons of water per acre in the late summer or fall after harvest, mowing or tillage. Allow rosette regrowth to a minimum of 6 inches in diameter before treating. Applications can be made as long as leaves are still green and plants are actively growing at the time of application. Allow 3 or more days after application before tillage.

Torpedograss — Apply 4 to 5 quarts of this product per acre to provide partial control of torpedograss. Apply to actively growing torpedograss when most plants are at or beyond the seedhead stage of growth. Repeat applications will be required to maintain control. Fall treatments must be applied before frost. Allow 7 or more days after application before tillage.

Other perennials listed on this label — Apply 3 to 5 quarts of this product per acre. Apply when actively growing and most have reached early head or early bud stage of growth. Allow 7 or more days after application before tillage.

TANK MIXTURES

When applied as directed under the conditions described, Moncho plus Banvel or 2,4-D amine will suppress or control the following perennial broadleaf weed:

Bindweed, field *Convolvulus arvensis*

For suppression, apply 16 ounces of this product plus 0.5 lb a.i. of 2,4-D amine or 0.25 lb a.i. of Banvel in 3 to 10 gallons of water per acre for ground applications and 3 to 5 gallons of water per acre for aerial applications. Applications should be delayed until maximum emergence has occurred and when vines are between 6 to 18 inches in length. These tank mixtures may be applied using aerial application equipment (except in California) in fallow and reduced tillage systems only.

For control, apply 2 quarts of this product plus 0.5 pound a.i. of Banvel in 10 to 20 gallons of water per acre. At these rates, apply using ground application equipment only.

Refer to the specific product labels for crop rotation restrictions and cautionary statements of all products in tank mixture.

(Do not apply tank mixtures of this product plus 2,4-D or Banvel by air in California.)

Irrigated Agricultural Lands

Apply 1 to 2 quarts of this product plus 1 quart of 2,4-D amine in 10 to 20 gallons of water per acre with ground equipment only for partial control (suppression) of field bindweed. Applications should be made following harvest or in fall fallow ground when bindweed is actively growing and the majority of runners are 12 inches or more in length. Use at least one irrigation to promote active bindweed growth.

Dogbane, hemp

Apocynum cannabinum

For suppression, apply 16 ounces of this product plus 16 ounces of 2,4-D amine in 3 to 10 gallons of water per acre for ground applications, and 3 to 5 gallons of water per acre for aerial applications (except in California). Delay application until maximum emergence of dogbane has occurred. For control, apply 4 quarts of this product in 3 to 5 gallons of water per acre using ground equipment only.

Smartweed, swamp

Polygonum coccineum

For control, apply 16 ounces of this product plus 0.5 pound active ingredient of 2,4-D amine in 3 to 10 gallons of water per acre in the late summer or fall. Apply when plants are actively growing and most have reached the early bud stage of growth. Allow 7 or more days after application before tillage.

WOODY BRUSH AND TREES

When applied as recommended under the conditions described, this product CONTROLS or PARTIALLY CONTROLS the following woody brush, plants and trees:

Alder	Maple:
<i>Alnus</i> spp.	Red**
Ash*	<i>Acer rubrum</i>
<i>Fraxinus</i> spp.	Sugar
Apop, quaking	<i>Acer saccharum</i>
<i>Populus tremuloides</i>	Vine*
Burriel (Blackcherry)	<i>Acer circinatum</i>
<i>Chamaecyparis foliolosa</i>	Monkey Flower*
Birch	<i>Simulium guttatus</i>
<i>Betula</i> spp.	Oak:
Blackberry	Black*
<i>Rubus</i> spp.	<i>Quercus velutina</i>
Broom:	Northern Pin
French	<i>Quercus palustris</i>
<i>Cytisus monspessulanus</i>	Post
Scotch	<i>Quercus stellata</i>
<i>Cytisus scoparius</i>	Red
Buckbrush, California*	<i>Quercus rubra</i>
<i>Ergatis racemosa</i>	Southern Red
Cacora	<i>Quercus falcata</i>
<i>Rhamnus purshiana</i>	White*
Catalpa*	<i>Quercus alba</i>
Acacia Gregg	Parrot*
Ceanothus	<i>Quercus</i> spp.
<i>Ceanothus</i> spp.	Poison Ivy
Chamisa	<i>Rhus radicans</i>
<i>Adenostoma fasciculatum</i>	Poison Oak
Cherry:	<i>Rhus bicucullifera</i>
Bitter	Poplar*, yellow
<i>Prunus emarginata</i>	<i>Liriodendron tulipifera</i>
	Raspberry
	<i>Rubus</i> spp.

Black <i>Prunus serotina</i>	Rose, multiflora <i>Rosa multiflora</i>
Pin <i>Prunus pennsylvanica</i>	Sage, black <i>Salvia mollis</i>
Capote brush <i>Baccharis confertiflora</i>	Sagebrush, California <i>Artemisia californica</i>
Crooner, Virginia [*] <i>Parthenocissus quaquefolia</i>	Sambucus <i>Sambucus racemosa</i>
Bowberry <i>Rubus fruticosus</i>	Savannah <i>Savannah arborescens</i>
Elderberry <i>Sambucus spp</i>	Sourwood <i>Oxydendrum arboreum</i>
Elm [*] <i>Ulmus spp</i>	Sweet <i>Rhus vernix</i>
Eucalyptus, blungum <i>Eucalyptus glauca</i>	Smooth [*] <i>Rhus glabra</i>
Heardia [*] <i>Haplopappus squamosus</i>	Winged [*] <i>Rhus copallina</i>
Northern <i>Agave spp</i>	Sweetgum <i>Liquidambar styraciflua</i>
Nut <i>Corylus spp</i>	Swordfern <i>Polystichum munifolium</i>
Honeyapple <i>Lonicera spp</i>	Tallgrass, Chinese <i>Saccharum sebiferum</i>
Radix <i>Pueraria lobata</i>	Tan oak <i>Lithocarpus densiflorus</i>
Lacini, black [*] <i>Robinia pseudacacia</i>	Thimbleberry <i>Rubus parviflorus</i>
Madrone <i>Arbutus menziesii</i>	Tobacco, tree <i>Nicotiana glauca</i>
Manzanita <i>Arctostaphylos spp</i>	Trumpetcrasher <i>Campsis radicans</i>
	Willow <i>Salix spp</i>

^{*}Partial control

^{**}See below for control or partial control instructions

NC brush has been mowed or killed or trees have been cut. do not treat until regrowth has reached the recommended stages of growth

Apply this product when plants are actively growing, and unless otherwise directed, after full leaf expansion. Use the higher rate for larger plants and/or dense areas of growth. On vines, use the higher rate for plants that have reached the woody stage of growth. Best results are obtained when application is made in late summer or fall after fruit formation.

In arid areas, best results are obtained when application is made in the spring to early summer when brush species are at high moisture content and are flowering. Ensure thorough coverage when using hand-held equipment. Symptoms may not appear prior to frost or senescence with fall treatments.

Allow 7 or more days after application before tillage, mowing or removal. Repeat treatments may be necessary to control plants regenerating from underground parts or seed. Some autumn colors on undesirable deciduous species are acceptable provided no major leaf drop has occurred. Reduced performance may result if fall treatments are made following a frost.

See the "Directions for Use", and "Mixing, Additives and Application Instructions" sections of this label for diluted uses and specific application instructions

Apply this product as follows to control or partially control the following woody brush and trees.

Rider / Bowberry / Manzanilla / Post Oak / Raspberry — For control, apply 3 to 4 quarts per acre of this product as a broadcast spray or as a 1 to 1-1/2 percent solution with hand-held equipment.

Aspen, quaking / Cherry, bitter, black, pin / Hawthorn / Oak, southern red / Sweetgum / Trumpetcrasher — For control, apply 2 to 3 quarts of this product per acre as a broadcast spray or as a 1 to 1-1/2 percent solution with hand-held equipment.

Birch / Elderberry / Hazel / Sambucus / Thimbleberry — For control, apply 2 quarts per acre of this product as a broadcast spray or as a 1 percent solution with hand-held equipment.

Blackberry — For control, apply 3 to 4 quarts per acre of this product as a broadcast spray, or 1 to 1-1/2 percent solution with hand-held equipment. Make application after plants have reached full leaf maturity. Best results are obtained when applications are made in late summer or fall. After berries have set or dropped in late fall, blackberry can be controlled by applying a 3/4 percent solution of this product with hand-held equipment. For control of blackberries after leaf drop and until falling frost or as long as stems are green, apply 3 to 4 quarts of this product in 10 to 40 gallons of water per acre.

Broom, French, Scotch — For control, apply a 1-1/2 to 2 percent solution with hand-held equipment.

Buckwheat, California / Manzanilla / Monkey Flower / Tobacco, tree — For partial control of these species, apply a 1 to 2 percent solution of this product as a foliar spray with hand-held equipment. Thorough coverage of foliage is necessary for best results.

Calceolaria — For partial control, apply as a 1 to 1-1/2 percent solution with hand-held equipment.

Capote Brush — For control, apply a 1-1/2 to 2 percent solution with hand-held equipment when at least 50 percent of the new leaves are fully developed.

Eucalyptus, blungum — For control of eucalyptus resprouts, apply a 2 percent solution of this product with hand-held equipment when resprouts are 6 to 12 feet tall. Ensure complete coverage. Apply when plants are growing actively. Avoid application to drought-stressed plants. For control of eucalyptus trees 2 inches or less in diameter, cut trees as close to the soil surface as desired. Apply a 50 to 100 percent solution of this product to the freshly cut surface immediately after cutting. Delay in applying this product may result in reduced performance.

Kudzu — For control, apply 4 quarts of this product per acre as a broadcast spray or as a 2 percent solution with hand-held equipment. Repeat applications will be required to maintain control.

Maple, red^{}** — For control, apply as a 1 to 1-1/2 percent solution with hand-held equipment when at least 50 percent of the new leaves are fully developed. For partial control, apply 2 to 4 quarts of this product per acre as a broadcast spray.

Maple, sugar / Oak, northern pin / Oak, red — For control, apply as a 1 to 1-1/2 percent solution with hand-held equipment when at least 50 percent of the new leaves are fully developed.

Palmetto / Palmetto Oak — For control, apply 4 to 5 quarts of this product per acre as a broadcast spray or as a 2 percent solution with hand-held equipment. Repeat ap-

lications may be required to maintain control. Fall treatments must be applied before leaves lose green color.

Rose, multiflora — For control, apply 2 quarts of this product per acre as a broadcast spray or as a 1 percent solution with hand-held equipment. Treatments should be made prior to leaf deterioration by leaf-feeding insects.

Sage, black / Sagebrush, California / Chinquapin / Yellow-tree, Chinese — For control of these species, apply a 1 percent solution of this product as a foliar spray with hand-held equipment. Thorough coverage of foliage is necessary for best results.

Willow — For control, apply 3 quarts of this product per acre as a broadcast spray or as a 1 percent solution with hand-held equipment.

Other Woody Brush and Trees listed on this label — For partial control, apply 2 to 4 quarts of this product per acre as a broadcast spray or as a 1 to 1-1/2 percent solution with hand-held equipment.

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, seed or feed 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 60° F (20° C) for several days to redissolve and shake or roll to mix well 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 label 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 the "General Information" and "Mixing, Additives and Application Instructions" sections of this label for essential product performance information and the following sections for specific recommended uses.

EXTREME CARE MUST BE EXERCISED TO AVOID CONTACT OF SPRAY WITH FOLIAGE OF DESIRABLE TURF, GRASSES, TREES, SHRUBS, OR OTHER DESIRABLE VEGETATION, SINCE SEVERE DAMAGE OR DESTRUCTION MAY RESULT.

NOTE: If spraying areas adjacent to desirable plants, use a shield made of cardboard, sheet metal or plywood while spraying to help prevent spray from contacting foliage of desirable plants.

Repeat treatments may be necessary to control weeds regenerating from underground parts or seeds.

This product does not provide residual weed control. For subsequent weed control, follow a label-approved herbicide program.

Read and carefully observe the cautionary statements and all other information appearing on the labels of all herbicides used.

FARMSTEAD WEED CONTROL

When applied as directed for "Noncrop Uses", under the conditions described, this product controls undesirable vegetation listed on this label around farmstead building foundations, along and in fences, shelterbelts, and for general nonselective farmstead weed control.

For specific rates of application and instructions for control of various annual and perennial weeds, see the "Weeds Controlled" section of this label.

GRASSES FOR SEED PRODUCTION

■ PREPLANT AND RENOVATION ■
When applied as directed under the conditions described, this product controls most existing vegetation prior to the planting or renovation of grass seed production areas.

For specific rates of application and instructions for control of various annual and perennial weeds, and woody brush and trees, see the "Weeds Controlled" section of this label.

For maximum control of existing vegetation, delay planting to determine if any regrowth from escaped underground plant parts occurs. Where repeat treatments are necessary, sufficient regrowth must be attained prior to application. For warm-season grasses, such as bermudagrass, summer or fall applications provide best control. DO NOT DISTURB SOIL OR UNDERGROUND PLANT PARTS BEFORE TREATMENT. Tillage or renovation techniques such as vertical mowing, coring or slicing should be delayed for 7 days after application to allow proper translocation into underground plant parts.

GRASSES FOR SEED PRODUCTION

Apply this product to actively growing weeds at the stages of growth given in the "Weeds Controlled" section of this label prior to planting or renovation of turf or forage grass areas grown for seed production.

DO NOT feed or graze treated areas within 8 weeks after application.

CROPPING SYSTEMS

See the "General Information" and "Mixing, Additives and Application Instructions" sections of this label for essential product performance information.

See the following cropping system sections for specific recommended uses.

EXTREME CARE MUST BE EXERCISED TO AVOID CONTACT OF SPRAY WITH FOLIAGE, GREEN STEMS OR FRUIT OF DESIRABLE CROPS, PLANTS, TREES OR OTHER DESIRABLE VEGETATION SINCE SEVERE DAMAGE OR DESTRUCTION MAY RESULT.

Repeat treatments may be necessary to control weeds regenerating from underground parts or seed. Except as otherwise specified on this label, repeat treatments must be made before the crop emerges in accordance with the instructions of this label.

Except as otherwise specified in a crop section of this label, the combined total of all treatments must not exceed 8 quarts per acre of this product per year.

Do not plant subsequent crops other than those on the label for 30 days following application.

For other cropping systems, except following spot treatment of forage grasses and legumes, do not harvest or feed treated crops for 8 weeks after application. Allow 14 days following spot treatment or selective equipment use before grazing domestic livestock or harvesting forage grasses and legumes.

When applied as directed for "Cropping Systems" under the conditions described, this product controls annual and perennial weeds listed on this label, prior to the emergence of direct seeded crops or prior to transplanting of crops listed on this label.

ALFALFA*	LENTILS
ARTICHOKES (Jerusalem)	LETTUCE
ASPARAGUS*	LOGANBERRY
BARLEY*	MELONS***
BEANS (AM)	MUSTARD GREENS
BEET GREENS	OATS*
BEETS (Red, Sugar)	OKRA
BLACKBERRY	OLLALIBERRY
BLUEBERRY	ONION
BOYSENBERRY	PEANUTS
BROCCOLI	PEAS (AM)
CABBAGE	PEPPER***
CARROT	PINEAPPLE††
CAULIFLOWER	POTATO (Irish, Sweet)
CELERY	PUMPKIN***
CHICORY	RADISH
CORN (AM)*	RASPBERRY
COTTON*	(Black, Red)
CUCUMBER***	RICE**
CURRENT	RUTABAGA
DEWBERRY	SORGHUM (Milo)
EGGPLANT***	SOYBEANS*
ELDERBERRY	SPINACH
FORAGE GRASSES*	SQUASH***
FORAGE LEGUMES*	(Summer, Winter)
GARLIC***	TOMATO***
GOOSEBERRY	TOMATOES***†
GOURDS***	TURNIPS
HORSE RADISH	WATERCRESS***
HUCKLEBERRY	WATERMELON***
KALE	WHEAT*

*Spot treatments may be applied in these crops.

**Do not treat rice fields or levees when the fields contain flood water.

***Apply only prior to planting. Allow at least 3 days between application and planting.

†Use is restricted to direct seeded crops only.

††Do not feed or graze treated pineapple forage following application.

Spot Treatment (Only those crops with * can be spot treated)** — Applications in growing crops must be made prior to heading of small grains and milo, initial pod set in soybeans, silking of corn, and boll opening on cotton.

For forage grasses and forage legumes, see the "Spot Treatment" in the "Pastures" section of "Cropping Systems" in this label.

For dilution and rates of application using boom or hand-held equipment, see the "Mixing, Additives and

"Application Instructions" and "Weeds Controlled" sections of this label.

NOTE: FOR FORAGE GRASSES AND FORAGE LEGUMES, NO MORE THAN ONE-TENTH OF ANY ACRE SHOULD BE TREATED AT ONE TIME. FOR ALL OTHER CROPS, DO NOT TREAT MORE THAN 10 PERCENT OF THE TOTAL FIELD AREA TO BE HARVESTED.

THE CROP RECEIVING SPRAY IN TREATED AREA WILL BE KILLED. TAKE CARE TO AVOID DRIFT OR SPRAY OUTSIDE TARGET AREA FOR THE SAME REASON.

Selective Equipment — This product may be applied through shielded applicators. Shielded applicators may be used in tree crops and grapes.

See the "Selective Equipment" part of the "Application Equipment and Techniques" section of this label for information on proper use and calibration of this equipment.

Allow at least the following time intervals between application and harvest:

Apples, Avocado, Cherry, Citrus,	
Grapes, Pear	14 days
Rutabagas	14 days
Stone Fruit	17 days
Nut Crops	21 days

ASPARAGUS

When applied as directed for "Cropping Systems" under the conditions described, this product controls weeds listed on this label in asparagus.

For specific rates of application and instructions for control of various annual and perennial weeds, see the "Weeds Controlled" section of this label.

Prior to Crop Emergence — Apply this product prior to planting or emergence of spears in an established crop for the control of emerged labeled annual and perennial weeds. DO NOT APPLY WITHIN A WEEK BEFORE THE FIRST SPEARS EMERGE.

Spot Treatment — Apply this product immediately after cutting, but prior to the emergence of new spears. Do not treat more than 10 percent of the total field to be harvested. Do not harvest within 5 days of treatment.

Postharvest — Apply this product after the last harvest and all spears have been removed. If spears are allowed to regrow, delay application until ferns have developed. Delayed treatments should be applied as directed or shielded spray in order to avoid contact of the spray with ferns, stems or spears. Direct contact of the spray with the asparagus may result in serious crop injury.

NOTE: Select and use recommended types of spray equipment for postemergence postharvest applications. A directed spray is any application where the spray pattern is shaped in such a way as to avoid direct contact of the spray with the crop. A shielded spray is any application where a physical barrier is positioned and maintained between the spray and the crop to prevent contact of the spray with the crop.

BERRIES AND SMALL FRUIT

Apply as a preplant broadcast application, or as a directed spray.

See the "General Information" and "Mixing, Additives and Application Instructions" sections of this label for essential product performance information.

See the "Selective Equipment" part of the "Application Equipment and Techniques" section of this label for information on recommended use and calibration of this equipment.

Do not permit herbicide solution to contact desirable vegetation including green shoots, canes or foliage.

Sugarcane Section

FALLOW AND REDUCED TILLAGE SYSTEMS

Use this product in fallow and reduced tillage systems for control of annual weeds prior to emergence of crops listed in this label. Refer to the "Weeds Controlled" section of this label for specific rates and instructions. This product may be applied using ground or aerial spray equipment. See the "Application Equipment and Techniques" section of this label for instructions.

TANK MIXTURES	
■	■
■	■
■	■
■	■
■	■

DO NOT APPLY BANVEL OR 2,4-D AMINE TANK MIXTURES BY AIR IN CALIFORNIA

The addition of Banvel in a mixture with this product may provide short-term residual control of selected weed species. Some crop injury may occur if Banvel is applied within 45 days of planting. Refer to the Banvel and 2,4-D labels for cropping restrictions and other use instructions.

Moncho[®] plus Goal Tank Mixtures

This product alone or in tank mixtures with Goal 0.5 to 1 percent nonionic surfactant by total spray volume provide control of those weeds listed below.

Applications when weeds are actively growing and at the recommended stages of growth. Avoid spraying when weeds are subject to moisture stress when dust is on the foliage or when straw canopy covers the weeds.

MONCHO[®] 12 oz/acre		MONCHO 16 oz/acre	
Wheat	18"	Annual grasses at	
Barley	12"	left plus	
Bluegrass		Ryegrass	
annual	6"	annual	6"
Barnyardgrass	6"	Chickweed	6"
Rye	6"	Groundsel	6"
		Marestail	6"
		Rocket, London	6"
		Shepherdspurse	6"
		Crabgrass	12"
		Johnsongrass	
		seeding	12"
		Lambquarters	12"
		Oats, wild	12"
		Pigweed, redroot	12"
		Mustards	12"

MONCHO 12 oz/acre		MONCHO 16 oz/acre	
GOAL [®] 2 to 4 oz/acre		GOAL [®] 2 to 4 oz/acre	
Annual grasses above		Annual weeds above	

plus		plus	
Cheseweed	3"	Cheseweed	6"
Chickweed	3"	Groundsel	6"
Groundsel	3"	Chickweed	6"
Rocket, London	6"	Rocket, London	12"
Shepherdspurse	6"	Shepherdspurse	12"

*Maximum height or length in inches.

**Use the higher rate when weeds approach maximum recommended height or stands are dense.

These recommended tank mixtures may be applied using ground or aerial spray equipment. Refer to the "Weeds Controlled" section of this label for specific rates and instructions.

¹Goal is a trademark of Rohm and Haas Company.

PASTURES

Apply this product prior to planting forage grasses and legumes.

Pasture or Hay Crop Renovation — When applied as a broadcast spray, this product controls the annual and perennial weeds listed in this label prior to planting forage grasses or legumes. Remove domestic livestock before application and wait 8 weeks after application before grazing or harvesting.

Spot Treatment — When applied as a spot treatment as recommended, this product controls annual and perennial weeds listed in this label which are growing in pastures, forage grasses and forage legumes composed of bahiagrass, bermudagrass, bluegrass, brome, fescue, orchardgrass, ryegrass, timothy, wheatgrass, alfalfa or clover.

For spot treatment, apply in areas where the movement of domestic livestock can be controlled. No more than one-tenth of any acre should be treated at one time. Further applications may be made in the same area at 30 day intervals. Remove domestic livestock before application and wait 14 days after application before grazing livestock or harvesting.

MINIMUM TILLAGE SYSTEMS **Tank Mixtures** **CORN AND SOYBEANS**

When applied as recommended under the conditions described, these tank mixtures control many emerged weeds, and give preemergence control of many annual weeds when corn or soybeans will be planted directly into a cover crop, established sod, or in previous crop residues.

Refer to specific product labels for crop rotation restrictions and cautionary statements of all products used in these tank mixtures. For mixing instructions, see the "Mixing, Additives and Application Instructions" section of this label.

CORN

■	■
■	■
■	■
■	■
■	■

SOYBEANS

■	■
■	■

■	■
■	■

Apply these tank mixtures in 10 to 40 gallons of water per acre after planting or during planting in such manner that the planter does not disturb the treated soil. Do not apply these mixtures after crop emergence.

REDUCED CONTROL MAY RESULT IF THIS PRODUCT IS USED IN TANK MIXTURES CONTAINING FLUID FERTILIZERS.

CONTROL OF EMERGED WEEDS

Annual Weeds — Apply to actively growing grasses and broadleaf weeds. Use 1 quart of this product per acre in these tank mixtures if weeds are less than 6 inches tall. If weeds are over 6 inches tall, apply 1.5 quarts of this product per acre. For emerged annual weeds controlled see the "Weeds Controlled" section of this label.

Perennial Weeds — At normal application rates in minimum tillage systems, perennial weeds may not be at the proper stage of growth for control. See the "General Information" section of this label for the proper stage of growth for perennial weeds.

Use of 2 to 4 quarts of this product per acre in these tank mixtures under these conditions provides top kill and reduces competition from many emerged perennial grass and broadleaf weeds. For emerged perennial weeds controlled see the "Weeds Controlled" section of this label.

To obtain the desired stage of growth, it may be necessary to apply this product alone in the late summer or fall and then follow with a label-approved, seedling weed control program at planting.

NOTE: When using these tank mixtures, do not exceed 4 quarts of this product per acre.

USE OF THESE TANK MIXTURES FOR BERMUDAGRASS OR JOHNSONGRASS CONTROL IN MINIMUM TILLAGE SYSTEMS IS NOT RECOMMENDED. For bermudagrass control, follow the instructions under the "Control of Perennial Weeds" section of this label and then use a label-approved, seedling weed-control program in a minimum tillage or conventional tillage system. For johnsongrass control, follow the instructions under the "Control of Perennial Weeds" portion in the "Weeds Controlled" section of this label, and then use a label-approved seedling weed-control program with conventional tillage.

The following are labeled ranges for the recommended preemergence herbicides:

PRODUCT	RATES/ACRE	
	(QUARTS)	(POUNDS)
Lasso	2 to 4	•
Atrazine 4L	1 to 2	•
Atrazine 80WP	•	1.25 to 2.3
Atrazine 90LF	•	1.1 to 2
Bladex 4L	1 to 2.2	•
Bladex 80WP	•	1.25 to 2.75

PRODUCT	RATES/ACRE	
	(QUARTS)	(POUNDS)
Simazine 4L	1 to 2.2	•
Simazine 80WP	•	1.25 to 2.75
Lamron 4L	0.5 to 1.5	•
Lamron 80WP	•	1 to 3
Lamron 4L or Sencor 4F	0.25 to 0.75	•
Lamron or Sencor 50 WP	•	0.5 to 1.55

Lesione or
Sencor 75DF • 0.33 to 1

Read and carefully observe the label claims, cautionary statements, rates and all other information on the labels of all products. Use according to the most restrictive label directions for each product in the mixture.

* Lesione is a registered trademark of Monsanto Company.
* Sencor and *Sencor are trademarks of E. I. du Pont de Nemours and Company.

* Sen. x is a trademark of the parent company of Farbwerkefabrik Bayer GmbH, Leverkusen.

PREHARVEST APPLICATIONS

When applied as directed under the conditions described, this product controls annual and perennial weeds listed on this label prior to the harvest of COTTON.

Weed Control — For specific rates of application and instructions for control of various annual and perennial weeds, see the "Weeds Controlled" section of this label.

Broadcast Applications — This product may be applied using either aerial or ground spray equipment. For ground applications with broadcast equipment, apply this product in 10 to 40 gallons of water per acre. For aerial applications, apply this product in 3 to 15 gallons of water per acre.

To control johnsongrass using multiple nozzle-directed spray equipment, apply 1 quart of this product in 10 to 20 gallons of water per acre. Ensure complete coverage.

For partial control of field bindweed, apply 1 quart of this product in 3 to 40 gallons of water per acre. Apply when bindweed is actively growing and 12 inches or greater in length. Reduced performance may result if bindweed is under drought stress.

Tank Mixtures

HONCHO[®] plus DEF[®] 6
HONCHO plus FOLEX[®]

When applied as recommended under the conditions described, these tank mixtures control annual and perennial weeds listed on this label prior to the harvest of cotton. For application guidelines, precautions and defoliant rates, refer to the supplemental label for cotton harvest aid.

Timing of Application — Apply this product or these tank mixtures for preharvest weed control after 60 percent of the cotton bolls have opened.

NOTE DO NOT APPLY TO CROPS GROWN FOR SEED.
Allow a minimum of 7 days between application and harvest.

Do not feed or graze treated cottonseed forage or hay following preharvest applications.

*Def is a trademark of Mobay Chemical Corporation.

*Folex is a trademark of Rhone-Poulenc, Inc.

TREE AND VINE CROPS

This product is recommended for weed control in established groves, vineyards, or orchards, or for site preparation prior to transplanting crops listed in this section. Applications may be made with boom equipment, CDA, shielded sprayers, hand-held and high-volume wands, lances, or orchard guns, or with wiper applicator equipment, except as directed in this section. See the "Application Equipment and Techniques" section of this label for specific information on use of equipment.

When applying this product alone, refer to the "Weeds Controlled" section of this label for recommended rates to be used.

NOTE

Repeat treatments may be necessary to control weeds originating from underground parts of untreated weeds or from seeds. This product does not provide residual weed control. For subsequent weed control, follow a program using residual herbicides or use repeated applications of this product. Do not apply more than 10.6 quarts of this product per acre per year.

EXTREME CARE MUST BE EXERCISED TO AVOID CONTACT OF HERBICIDE SOLUTION, SPRAY, DRIFT, OR MIST WITH FOLIAGE OR GREEN BARK OF TRUNK, BRANCHES, SUCKERS, FRUIT, OR OTHER PARTS OF TREES OR VINES. CONTACT OF THIS PRODUCT WITH OTHER THAN MATURED BROWN BARK CAN RESULT IN SERIOUS CROP DAMAGE.

AVOID PAINTING OUT STUMPS WITH THIS PRODUCT AS INJURY RESULTING FROM ROOT GRAFTING MAY OCCUR IN ADJACENT TREES.

Reduced control may result when applications are made to annual or perennial weeds that have been mowed, grazed or cut and have not been allowed to regrow to the recommended stage for treatment.

For specific rates of applications and instructions, see the "Weeds Controlled" section of this label.

TANK MIXTURES TREE AND VINE CROPS

When applied as a tank mixture, this product provides control of the emerged annual weeds and partial control of the emerged perennial weeds listed in this label. The following residual herbicides will provide preemergence control of those weeds listed in the individual product labels.

- HONCHO[®] plus GOAL[™] 1.6E ■
- HONCHO plus KARMEZ[™] WP ■
- HONCHO plus KROVAR[™] I ■
- HONCHO plus KROVAR[™] II ■
- HONCHO plus SIMAZINE, CALIBER[™] 90 ■
- HONCHO plus SIMAZINE 4L ■
- HONCHO plus SIMAZINE 80W ■
- HONCHO plus SOLICAM[™] 80WP ■
- HONCHO plus SURFLAN[™] AS ■
- HONCHO plus SURFLAN 75W ■
- HONCHO plus SIMAZINE (80W, or 4L, or CALIBER 90) plus SURFLAN (AS or 75W) ■
- HONCHO plus GOAL (1.6E) plus SURFLAN (AS or 75W) ■
- HONCHO plus GOAL (1.6E) plus SIMAZINE (80W, or 4L, or CALIBER 90) ■
- HONCHO plus GOAL (1.6E) plus SURFLAN (AS or 75W) plus SIMAZINE (80W, 4L, or CALIBER 90) ■

*See the Honcho plus Goal plus simazine tank mixture section below for specific use instructions.

Do not apply these tank mixtures in Puerto Rico.

CONTROL OF EMERGED WEEDS

Annual Weeds — Apply 1 quart per acre of this product in these tank mixtures when weeds are less than 12 inches tall. For weeds greater than 12 inches tall, apply 1.5 quarts per acre.

Perennial Weeds — For partial control of perennial weeds using these tank mixtures, apply 2 to 5 quarts per acre of this product. Follow the recommendations in the "Weeds Controlled" section of this label for stage of growth and rate of application for specific perennial weeds.

PREEMERGENCE WEED CONTROL

The following are the labeled rates for the recommended residual herbicides:

PRODUCT	RATE / ACRE
Goal 1.6E	5 qts.
Karmex WP	2 to 8 lbs.
Krovar I	2 to 8 lbs.
Krovar II	2 to 8 lbs.
Simazine, Caliber 90	1.1 to 10.6 lbs.
Simazine 80W	1.25 to 12 lbs.
Simazine 4L	2 to 9.6 qts.
Solicam 80WP	2.5 to 5 lbs.
Surflan AS	2 to 4 qts.
Surflan 75W	2.66 to 5.33 lbs.

NOTE: These residual herbicides may provide postemergence activity on certain annual weed species.

Refer to the individual product labels for specific crops, rates, geographical restrictions and precautionary statements.

Read and carefully observe the label claims, cautionary statements, rates and all other information on the labels of all products.

For specific rates of application and instructions, see the "Weeds Controlled" section of this label.

HONCHO[®] plus GOAL

This product alone and this product plus Goal tank mixtures will control or suppress annual weeds listed below.

Apply recommended rates of this product or this product plus Goal tank mixtures in 3 to 10 gallons of water per acre. Apply when weeds are actively growing and less than 6 inches in height. If weeds are under drought stress, irrigate prior to application.

RECOMMENDED RATES AND WEEDS CONTROLLED

WEED SPECIES	C = Control			S = Suppression	
	Hoarherb [®] (fl oz/acre)			Honcho + Goal (fl oz/acre)	
	8	12	16	12 + (4 to 16)	
Bluegrass, annual	C	C	C	C	
Barley	C	C	C	C	
Cheerwine (3")	S	S	S	C	
Reclat, (indoor)	S	S	C	C	
Shepherdspurse	S	S	C	C	
Chickweed	S	C	C	C	
Fleabane, Hairyleaf	S	C	C	C	
Red Maids	S	C	C	C	

WEED SPECIES	HONCHO® (# oz/acre)			HONCHO + Goal (# oz/acre)
	8	12	16	16 + (4 to 16)
Bermudagrass	S	C	C	C
Chenopod (3 to 6")	S	S	S	C
Croftgrass	S	S	C	C
Groundsel, common	S	S	C	C
Junglerice	S	S	C	C
Lambquarters	S	S	C	C
Marestail	S	S	C	C
Pigweed, redroot	S	S	C	C
Ryegrass, common	S	S	C	C
Sowthistle, annual	S	S	C	C
Purslane, common	S	S	C	C
Nettle, stinging	S	S	C	C
Filaree	S	S	S	S

HONCHO® plus GOAL plus SIMAZINE
(California only)

This product may be tank-mixed with Goal plus simazine for broad-spectrum postemergence and preemergence control. Refer to the following table for approved crops. 1 rate ranges for each product in this tank mix. Refer to the individual product labels for weeds controlled, geographical restrictions, precautionary statements and specific use rates.

RATE RANGES*			
CROP	HONCHO® (quarts)	GOAL + 1.6E (quarts)	SIMAZINE + 7W** (pounds)
Grc	1 to 1.5	1.25 to 5	2.5 to 5
Almonds	1 to 1.5	1.25 to 5	1.25 to 2.5

Use equivalent rate of Caliber 90 or simazine 4L.

*Rate dependent on weeds present.

**Rate dependent on soil type and weeds present.

HONCHO® plus GOAL plus SIMAZINE/SURFLAN

This product plus Goal, applied alone, or as a three-way four-way tank mix with simazine and/or Surflan will provide postemergence control of these weeds listed below when applied as recommended.

Refer to individual product labels for preemergence rates, weeds controlled, precautionary statements and other important information.

Apply these tank mixtures in 3 to 40 gallons of water per acre.

WEEDS CONTROLLED

WEED SPECIES	Maximum Height (inches)		HONCHO® + Goal (quarts/acre)
	Height (inches)	HONCHO® + Goal (quarts/acre)	
Barley, wild	4	0.5 to 1	+ 0.5 to 5
Bluegrass, annual	4	0.5 to 1	+ 0.5 to 5
Chenopod, common	4	0.5 to 1	+ 0.5 to 5
Chickweed, common	4	0.5 to 1	+ 0.5 to 5
Flexleaf, fleabane	4	0.5 to 1	+ 0.5 to 5
Groundsel, common	4	0.5 to 1	+ 0.5 to 5
Rocket, London	4	0.5 to 1	+ 0.5 to 5
Marestail	4	0.5 to 1	+ 0.5 to 5
Pineappleweed	4	0.5 to 1	+ 0.5 to 5
Shepherdspurse	4	0.5 to 1	+ 0.5 to 5
Sowthistle, common	4	0.5 to 1	+ 0.5 to 5
Chenopod, common	12	1 to 1.5	+ 1 to 5
Nettle, stinging	12	1 to 1.5	+ 1 to 5
Filaree	12	1 to 1.5	+ 1 to 5

**PERENNIAL GRASS SUPPRESSION
ORCHARD FLOORS**

When applied as directed, this product will suppress vegetative growth as indicated below.

Bahia

This product will provide significant inhibition of seedhead emergence and will suppress vegetative growth for a period of approximately 45 days with a single application and approximately 120 days with sequential applications. Apply this product 1 to 2 weeks after full green-up or after mowing to a uniform height of 3 to 4 inches. Applications must be made prior to seedhead emergence. Apply 6 fluid ounces of this product in 10 to 25 gallons of water per acre.

Sequential applications of this product may be made at approximately 45-day intervals to extend the period of seedhead and vegetative growth suppression. For continued seedhead suppression, sequential applications must be made prior to seedhead emergence. Apply no more than 2 sequential applications per year. As a first sequential application, apply 4 fluid ounces of this product per acre. A second sequential application of 2 to 4 fluid per acre may be made approximately 45 days after the last application.

Bermudagrass

For burndown, apply 1 to 2 quarts of this product in 3 to 20 gallons of water per acre. Use 1 quart in 3 to 20 gallons of water per acre east of the Rocky Mountains. Use 1 to 2 quarts of this product in 3 to 10 gallons of water per acre west of the Rocky Mountains. Use this treatment only if reduction of the bermudagrass stand can be tolerated. When burndown is required prior to harvest, allow at least 21 days to ensure sufficient time for burndown to occur.

Suppression only — (west of the Rocky Mountains). Apply 6 to 16 fluid ounces of this product in 3 to 20 gallons of water per acre no sooner than 1 to 2 weeks after full green-up. Mowing prior to application may occur provided a minimum height of 3 inches is maintained. Rates of 6 to 10 fluid ounces should be used where a lesser degree of suppression is desired. Sequential applications may be made when regrowth occurs and bermudagrass injury and stand reduction can be tolerated.

Suppression only — (east of the Rocky Mountains). Apply 16 fluid ounces of this product in 3 to 10 gallons of water per acre to bermudagrass up to 6 inches in height and no sooner than 1 to 2 weeks after full green-up. Mowing prior to application may occur provided a minimum height of 3 inches is maintained. Sequential applications may be made when regrowth occurs and bermudagrass injury and stand reduction can be tolerated.

Cool-Season Grass Covers

For suppression of tall fescue, fine fescue, orchardgrass and quackgrass, apply 8 fluid ounces of this product in 10 to 20 gallons of water per acre. For best suppression, add ammonium sulfate to the spray solution at a rate of 2 percent by weight or 17 pounds per 100 gallons of spray solution.

For suppression of Kentucky bluegrass covers, apply 6 fluid ounces of this product per acre. Do not add ammonium sulfate.

For best results, mow cool-season grass covers in the spring or even in the fall and apply the recommended rate of this product 3 to 4 days after mowing. Avoid treating cool-season grass covers under poor growing conditions.

such as drought stress (drip irrigation), disease or insect damage.

LOW-VOLUME APPLICATION (Florida and Texas)

For burndown or control of listed perennial weeds, apply the recommended rate of this product, plus 0.5 to 1 percent nonionic surfactant by total spray volume in 3 to 20 gallons of water per acre. Where weed foliage is dense, use 10 to 20 gallons of water per acre. Apply when weeds are actively growing and at the growth stages listed in the "Perennial Weeds Controlled" section of this label. If perennial weeds are mowed, allow weeds to regrow to the recommended stage of growth.

S = Suppression, B = Burndown, C = Control.

PC = Partial control

WEED SPECIES	HONCHO® RATE PER ACRE			
	1 qt	2 qt	3 qt	5 qt
Bermudagrass	B	•	PC	C
Guineagrass				
Texas and Florida Ridge	B	C	C	C
Florida Flatwoods	•	B	C	C
Paragrass	B	C	C	C
Terpedgrass	S	•	PC	C

*Lalbur is a trademark of Ciba-Geigy Corporation.

**Goal is a trademark of Rohm and Haas Company.

***Karmex and Aroclor are trademarks of E. I. du Pont de Nemours and Company.

****Surflan is a trademark of Sandoz, Inc.

*****Surflan is a trademark of Elanco Products Company.

TREE CROPS

Citrus*: citron, grapefruit, kumquat, lemon, lime, orange, tangelo, tangerine.

Nuts**: almond, hickory, macadamia, pecan, pistachio, walnut.

Pome Fruit*: apple, pear.

Stone Fruit***: apricots, cherries, nectarines, olives, peaches, plums/prunes.

For cherries, any application equipment listed in this section may be used in all states.

For citrus and olives, apply as a directed spray only.

Any application equipment listed in this section may be used in apricots, nectarines, peaches, and plums/prunes growing in Arizona, California, Colorado, Idaho, Kansas, Kentucky, New Jersey, North Carolina, Oklahoma, Oregon, Texas, Utah, and Washington, except for peaches grown in the states specified in the following paragraph. In all other states use wiper equipment only.

For PEACHES grown in Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, North Carolina, South Carolina, and Tennessee only, apply with a shielded boom sprayer or shielded wiper applicator which prevents any contact of this product with the foliage or bark of trees. Apply no later than 50 days after full-bloom. Applications made after this time may result in severe damage. Remove suckers and low hanging limbs at least 10 days prior to application. Avoid applications near trees with recent pruning wounds or other mechanical injury. Apply only near trees which have been planted in the orchard for 2 or more years. EXTREME CARE MUST BE TAKEN TO ENSURE NO PART OF THE PEACH TREES IS CONTACTED.

Tropical Fruit: avocado, banana, guava (plantains), coffee****, figs, mango, papaya, tea. Allow a minimum of 1 day between last application and harvest of guava and papaya. In coffee and banana, delay appli-

cations 3 months after transplanting to allow the new coffee or banana plant to become established.

NOTE:

- *Allow a minimum of 14 days between last application and harvest.
- **Allow a minimum of 21 days between last application and harvest.
- ***Allow a minimum of 17 days between last application and harvest.
- ****Allow a minimum of 28 days between last application and harvest.

VINE CROPS

Kim Fruit

Crop: Any variety of table, wine, or raisin grape may be treated with any equipment listed in this section.

In the northeast and Great Lakes regions, applications must be made prior to the end of bloom stage of grapes to avoid injury.

NOTE:

Applications should not be made when green shoots, canes, or foliage are in the spray zone.

Allow a minimum of 14 days between last application and harvest.

EPA Reg. No. 524-326

892.67-008.94/CG

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

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



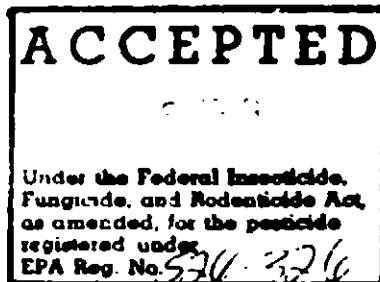
SUPPLEMENTAL LABELING

READ AND FOLLOW THE ENTIRE LABELS FOR ACCORD® HERBICIDE AND ARSENAL™ HERBICIDE APPLICATORS CONCENTRATE BEFORE PROCEEDING WITH USE DIRECTIONS CONTAINED IN THIS SUPPLEMENTAL LABELING.

"Labels" as used in this supplemental labeling refers to the label booklet for Accord herbicide, the label instructions for Arsenal Herbicide Applicators Concentrate and this supplement.

ACCORD®
HERBICIDE BY MONSANTO

(EPA Reg. No. 524-326)



TANK MIXTURE OF ACCORD HERBICIDE PLUS ARSENAL HERBICIDE APPLICATORS CONCENTRATE FOR CONIFER RELEASE.

KEEP OUT OF THE REACH OF CHILDREN

CAUTION!

In case of an 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 should be in the possession of the user at the time of the herbicide application.

CONIFER RELEASE

Use this tank mixture for the release of loblolly pine.

Apply 1½ to 2 quarts of Accord herbicide with up to 1 pint of Arsenal Herbicide Applicators Concentrate per acre as a broadcast spray to woody brush, trees and herbaceous weeds. Use the higher recommended rates for dense, tough-to-control woody brush and trees.

REVISED 7/10/89
SUPPLEMENTAL LABELING/ACCORD

The tank mixture will control, partially control or reduce competition from woody brush, trees and herbaceous weeds listed in the label booklet for Accord herbicide.

Applications 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 disease.

The tank mixture may be applied by ground or aerial (helicopter only) application. When applied by ground, use the recommended rates in 10 to 60 gallons of spray solution per acre. When applied by air, use the recommended rates in 5 to 15 gallons of spray solution per acre.

NOTE: Accord herbicide may require use with a nonionic surfactant. For best results, mix up to 20 fluid ounces per acre of Entry™ II surfactant with the recommended rate of Accord herbicide. Always read and follow the surfactant manufacturer's label recommendations.

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

When used in combination as recommended by Monsanto Company, the liability of Monsanto shall in no manner extend to any damage, loss or injury not directly caused by the inclusion of the Monsanto products in such combination use.

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 Accord herbicide unopened at once.

Arsenal™ is a trademark of American Cyanamid Company.
Entry™ is a trademark of Monsanto Company.

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