

ROUNDUP® D-PAK

For control of annual and perennial weeds in Arkansas, Louisiana, and Mississippi.

USE WITH A NONIONIC SURFACTANT

Complete Directions for Use

EPA Reg. No. 524-333

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

Roundup® is a registered trademark of Monsanto Company.

ACCEPTED

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Under the Federal Insecticide, Fungicide, and Rodenticide Act, amended, for the pesticide registered under EPA Reg. No. 524-333

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897.15-100.08/53

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.

(INDEX PAGES)

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

Keep out of reach of children.

CAUTION!

CAUSES EYE IRRITATION.

Avoid contact with eyes.

Wash thoroughly with soap and water after handling.

FIRST AID: IF IN EYES, immediately flush with plenty of water for at least 15 minutes. Get medical attention. Remove material from skin and clothing.

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 potholes). 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:

*Glyphosate, N-(phosphonomethyl)glycine, in the form of its isopropylamine salt	62.0%
INERT INGREDIENTS:	38.0%
	100.0%

* Contains 769 grams per litre or 6.42 pounds per U.S. gallon of the active ingredient glyphosate, in the form of its isopropylamine salt. Equivalent to 570 grams per litre or 4.75 pounds per U.S. gallon of the acid, glyphosate.

DIRECTIONS FOR USE

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

Storage and Disposal

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

See container label for STORAGE AND DISPOSAL instructions.

STORAGE:

~~STORE ABOVE 59°F (15°C) TO KEEP FROM CRYSTALLIZING. Crystals will settle to the bottom. If allowed to crystallize, place in a warm room 77°F (25°C) for several days and roll container frequently to redissolve before using.~~

DISPOSAL:

~~Wastes resulting from the use of this product that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticide disposal or in accordance with applicable Federal, state or local procedures.~~

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

~~Do not reuse container. Return emptied container per the Monsanto container return program. If not returned, 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.~~

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 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 and into the root system. Visible effects on most weeds occur within 7 days. Extremely cool or cloudy weather may slow activity and delay visible effects which are a gradual wilting and yellowing of the plant which advances to complete browning.

Unless otherwise specified on this label, delay application until vegetation has emerged and reached the stages described 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 herbicide 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.

Spraying early to control young annual weeds before tall and dense stands develop will result in the best control at the lowest use rate.

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 untilled area.

PRECAUTIONS

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

D-PAK

For control of annual and perennial weeds in reduced tillage systems in Arkansas, Delaware, Louisiana, Maryland, Mississippi, New Jersey, Pennsylvania and Virginia.
USE WITH A NONIONIC SURFACTANT.

DO NOT APPLY TO FOLIAGE, GREEN STEMS OR FRUIT OF CROPS, DESIRABLE PLANTS AND TREES. SINCE SEVERE INJURY

Carefully follow detailed instructions in attached label booklet

ACTIVE INGREDIENTS

16.7% glyphosate N (phosphoramidate), (glycolic) salt
 83.3% of its isopropylamine salt

NET INGREDIENTS

Contains 15.4% glyphosate (as 16.4% of active ingredient) of the active ingredient glyphosate in the form of its isopropylamine salt. Equivalent to 5.70 grams per litre or 4.75 pounds per U.S. gallon of the acid glyphosate.

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EPA Reg. No. 5
 * Registered with
 Monsanto
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EPA Est. 524-L

CAUTION!

D-PAK

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

Keep out of reach of children.

CAUTION!

CAUSES EYE IRRITATION. Avoid contact with eyes. 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. Remove material from skin and clothing.

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

Environmental Hazards

Do not apply directly to water, to areas where surface water is present or to interdial areas below the mean high water mark. 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.

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.

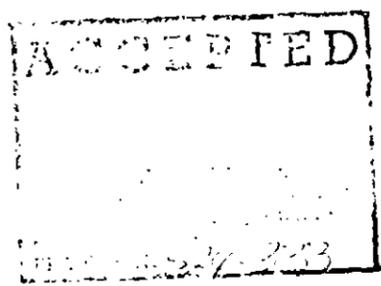
STORE ABOVE 59°F (15°C) TO KEEP FROM CRYSTALLIZING. Crystals will settle to the bottom. If allowed to crystallize, place in a warm area 77°F (25°C) for several days and mix well or recirculate frequently to redissolve before using.

DISPOSAL:

Wastes resulting from the use of this product that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticide disposal or in accordance with applicable Federal, state or local procedures.

Emptied container retains vapor and product residue. Observe all labeled safeguards until container is cleaned, reconditioned or destroyed. **DO NOT CUT OR WELD ON OR NEAR THIS CONTAINER.**

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AVOID CONTACT WITH FOLIAGE, GREEN STEMS.

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

Keep out of reach of children.

CAUTION! Read precautions on back panel

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PRICE PAID BY THE USER OR BUYER IS THE ONLY PRICE INVOLVED, OR, AT THE ELECTION OF THE BUYER, THE REPLACEMENT OF SUCH QUANTITY OF PRODUCT. THE REPLACEMENT OF SUCH QUANTITY OF PRODUCT BY ANY OTHER SELLER BE LIABLE FOR SPECIAL DAMAGES.

Buyer and all users are deemed to have accepted the LIMIT OF WARRANTY AND LIABILITY without verbal or written agreement.

PRECAUTIONS

Hazardous to
Humans and

Keep out of reach of children.

CAUTION!

MAY CAUSE EYE IRRITATION.
Avoid contact with eyes.
Wash thoroughly with soap and water.

FIRST AID: IF IN EYES, immediately flush with water for at least 15 minutes. Get clothing off from skin and clothing.

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

Environmental

Do not contaminate water when using this product. Treatment of aquatic weeds can cause fish suffocation due to decomposition of dead weeds.

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PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

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CAUTION!

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FIRST AID: IF IN EYES, flush with plenty of water for at least 15 minutes. Get medical attention. Remove material from skin and clothing.

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

Environmental Hazards

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. 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.

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 59°F (15°C) TO KEEP FROM CRYSTALLIZING. Crystals will settle to the bottom. If allowed to crystallize, place in a warm room 77°F (25°C); for several days and roll container frequently to redissolve before using.

DISPOSAL:

Wastes resulting from the use of this product that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticide disposal or in accordance with applicable Federal, state or local procedures.

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

Do not reuse container. Return emptied container per the Monsanto container return program. If not returned, triple rinse container, then

puncture and dispose of if allowed by state and local out of smoke.

(See label booklet)

LIMIT OF WARRANTY

This Company warrants description on the label and in the Complete Directions used in accordance with described therein. NO WARRANTY OF FITNESS OR MERCHANTABILITY IS MADE under conditions and limitations set forth. Buyer and all users shall be bound by these terms whether based in contract or otherwise.

Buyer and all users are responsible for handling which results in damage to the Company, including, but not limited to, other than those set forth in the Directions with desirable vegetation are outside the range covered for the time period when conditions which are outside the Directions, application in the Directions, moisture conditions in the Directions, or the conditions set forth in the Directions in

THE EXCLUSIVE REMEDY OF THE LIABILITY OF THE COMPANY AND ALL LOSSES, INCLUDING THE USE OR HANDLING OF THIS PRODUCT, BASED IN CONTRACT, TORT OR OTHERWISE) SHALL BE THE USER OR BUYER'S SOLE RESPONSIBILITY INVOLVED, OR, AT THE OPTION OF THE BUYER, THE REPLACEMENT OF THE PRODUCT ACQUIRED BY PURCHASE. NO EVENT SHALL THE COMPANY BE LIABLE FOR ANY INCIDENTAL DAMAGES.

Buyer and all users are bound by these terms of the LIMIT OF WARRANTY, whether based in any verbal or written agreement.

This product is protected by patents pending. No license is granted.



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

(See the individual container labels for disposal information)

GENERAL INFORMATION

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

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

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

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

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

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

Buyer and all users are responsible for all loss or damage in

ACCORD® EXTRA
Herbicide by Monsanto

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

EPA Reg. No. 524-333

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

® Accord is a registered trademark of Monsanto Company.

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

REFORMULATION IS PROHIBITED. SEE INDIVIDUAL CONTAINER LABEL FOR REPACKAGING LIMITATIONS.

LIMIT OF WARRANTY AND LIABILITY

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

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

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

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118
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 524-333

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.

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PRECAUTIONARY STATEMENTS

Hazards to
Humans and Domestic Animals

Keep out of reach of children.

CAUTION!

MAY CAUSE EYE IRRITATION.

Avoid contact with eyes.

Wash thoroughly with soap and water after handling.

FIRST AID: IF IN EYES, immediately flush with plenty of water for at least 15 minutes. Get medical attention. Remove material from skin and clothing.

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

Environmental Hazards

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

Physical or Chemical Hazards

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

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

ACTIVE INGREDIENT:

*Glyphosate, N-(phosphonomethyl)glycine,
in the form of its isopropylamine salt.....62.0%

INERT INGREDIENTS:.....38.0%
100.0%

*Contains 769 grams per litre or 6.42 pounds per U.S. gallon of the active ingredient glyphosate, in the form of its isopropylamine salt. Equivalent to 570 grams per litre or 4.75 pounds per U.S. gallon of the acid, glyphosate.

DIRECTIONS FOR USE

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

Storage and Disposal

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

STORAGE:

Store above 35°F (2°C) to keep product from becoming thick (viscous). At this temperature, the product will become difficult to pump.

Store above 20°F (-5°C) to keep product from crystallizing. Crystals will settle to the bottom. If allowed to crystallize,

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

DISPOSAL:

Wastes resulting from the use of this product that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticide disposal or in accordance with applicable Federal, state or local procedures.

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

(See the individual container labels for disposal information)

GENERAL INFORMATION

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

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

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

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

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

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

Buyer and all users are responsible for all loss or damage in

connection with the use or handling of mixtures of this product with herbicides or other materials that are not expressly recommended in this label. Mixing this product with herbicides or other materials not recommended on this label may result in reduced performance.

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

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

This product is recommended for the control or partial control of woody brush, trees and herbaceous weeds. This product is labeled for use in forestry and utility sites (except in the state of California), including utility rights-of-way. This product is also recommended for use in preparing or establishing wildlife openings within these sites and maintaining logging roads.

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

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

APPLICATION RATES AND TIMING

BROADCAST APPLICATION	ACCORD® EXTRA	SPRAY VOLUME GAL/A
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BROADCAST

Aerial	2 1/2 to 6-12 pints/A	5 to 30
Ground	2 1/2 to 6-12 pints/A	10 to 60

SPRAY-TO-WET

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

Handgun, Backpack, Mistblower	3% to 6% by volume	partial coverage*
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~~*For low volume directed spray applications, coverage should be uniform with at least 50% of the foliage contacted. Coverage in the top one-half of the plant is important for best results.~~

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

~~For surfactants with greater than 50 percent active ingredient, mix 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 by spray volume with handgun applications or 5 percent by spray volume with broadcast applications is not recommended.~~

~~Less than complete coverage of weeds may result from the use of spray equipment designed for motorized spot treatments. Where less than complete coverage occurs, use a 3 percent solution.~~

~~For low volume mistblower applications, up to a 3 percent solution may be used.~~

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

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

This product has no herbicidal or residual activity in the soil. Where repeat applications are necessary, do not exceed 6.67 quarts of this product per acre per year.

TANK MIXTURES

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

NOTE: For forestry site preparation, make sure the tank mix product is approved for use prior to planting the desired species. Observe planting interval restrictions.

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

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

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

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

For control of herbaceous weeds, use the lower recommended tank

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

TMArsenal is a trademark of American Cyanamid Company.

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

TMGarlon is a trademark of DowElanco Products Company.

FORESTRY CONIFER AND HARDWOOD RELEASE

DIRECTED SPRAY

In established forestry conifer and hardwood sites, including Christmas tree plantations and silvicultural nurseries, use a 1 1/2 percent spray solution for the control of undesirable woody brush and trees. To control herbaceous weeds, use a 3/4 to 1 1/2 percent solution. Avoid contact of spray, drift or mist with foliage, or green bark or non-woody surface roots of desirable species.

~~For surfactants with greater than 50 percent active ingredient, mix Mix 2 or to 6 more quarts of the a nonionic surfactant per 100 gallons of spray solution (0.5 to 1.5 percent or more by spray volume). Use of surfactant concentrations greater than 1.5 percent by spray volume with handgun applications or 2.5 percent by spray volume with broadcast applications is not recommended. Use a surfactant with greater than 50 percent active ingredient.~~

~~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.~~

~~CONIFER RELEASE~~

~~BROADCAST SPRAY~~

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

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

Injury may occur to conifers treated for release, especially where spray patterns overlap or the higher rates are applied. Damage can be accentuated if applications are made when conifers are actively

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growing, or are under stress from drought, flood water, insects or diseases.

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

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

Douglas fir
Pseudotsuga menziesii

Fir
Abies spp.

Hemlock**
Tsuga spp.

Pines*
Pinus spp.

Spruce
Picea spp.

Redwood, California
Sequoia spp.

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

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

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

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

unacceptable conifer injury and are not recommended. Insure that the nonionic surfactant has been adequately tested for Douglas fir safety before use.

In Maine, up to 4 pints per acre of this product may be used for the control of difficult species.

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

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

ARSENAL APPLICATORS CONCENTRATE TANK MIXTURES - This product may be tank mixed with Arsenal Applicators Concentrate for release of Douglas fir. Use 1 1/4 to 2 pints of this product tank mixed with 2 to 6 fluid ounces of Arsenal per acre.

~~For best results, mix up to 10 fluid ounces of Entry II per 1 1/4 pints of Accord Extra 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.~~

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

Loblolly pine
Pinus taeda

Eastern white pine
Pinus strobus

Slash pine
Pinus elliottii

Shortleaf pine
Pinus echinata

Virginia pine
Pinus virginiana

Apply 30 ounces to 3 pints of this product per acre as a broadcast spray during late summer or early fall after the conifers have hardened off.

~~In the southeastern United States, mix up to 20 fluid ounces per acre of Entry II with the recommended rate of Accord.~~

ARSENAL APPLICATORS CONCENTRATE TANK MIXTURES - Apply 1/4 to 2 1/2 pints of this product with 2 to 16 fluid ounces of Arsenal Applicators Concentrate per acre as a broadcast spray for conifer release. Use only on conifer species that are labeled for over-the-top sprays for both products. Use the higher recommended rates for dense, tough-to-control woody brush and trees.

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

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

TMEntry is a trademark of Monsanto Company.

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

HERBACEOUS RELEASE

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

Oust tank mixtures - To release loblolly pines, apply 10 to 15 fluid ounces of this product, plus 2 to 4 ounces of Oust per acre.

To release slash pines, apply 7 1/2 to 10 fluid ounces of this product, plus 2 to 4 ounces of Oust per acre.

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

Weed control may be reduced if water volumes exceed 25 gallons per

acre for these treatments.

Atrazine tank mixtures - To release Douglas fir, apply 20 fluid ounces of this product, plus 4 pounds a.i. of atrazine per acre. Apply only over Douglas fir that has been established for at least one full growing season. Apply in the early Spring, usually mid-March through early April. Injury will occur if applications are made after bud swell in the Spring. Do not add surfactant to this mix for this use.

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

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.~~

~~Use a nonionic surfactant labeled for use with herbicides.~~

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

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

~~™ Entry is a trademark of Monsanto Company.~~

WETLAND SITES

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

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

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

Do not apply this product directly to water within 1/2 mile upstream of a potable water intake in flowing water (i.e., river, stream, etc.) or within 1/2 mile of a potable water intake in a

Bitter
Prunus emarginata

Black
Prunus serotina

Pin
Prunus pensylvanica

Coyote brush
Baccharis consanguinea

Creoper, Virginia
Parthenocissus quinquefolia

Dewberry
Rubus trivialis

Dogwood
Cornus spp.

Elderberry
Sambucus spp.

Elm
Ulmus spp.

Eucalyptus, bluegum
Eucalyptus globulus

Hasardia
Haplopappus squamosus

Hawthorn
Crataegus spp.

Hazel
Corylus spp.

Hickory
Carya spp.

Holly, Florida; Brazilian Peppertree
Schinus terebinthifolius

Honeysuckle
Lonicera spp.

Hornbeam, American
Carpinus caroliniana

Kudzu

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

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

■ AERIAL EQUIPMENT ■

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

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

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

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

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

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

maintenance of an organic coating (paint) which meets aerospace specification MIL-C-38413 may prevent corrosion.

■ **GROUND BROADCAST EQUIPMENT** ■

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

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

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

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

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

WEEDS CONTROLLED

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

WOODY BRUSH AND TREES

Alder*Alnus spp.***Ash***Fraxinus spp.***Aspen, quaking***Populus tremuloides***Bearnat (Bearclover)***Chamaebatia foliolosa***Beech***Fagus grandifolia***Birch***Betula spp.***Blackberry***Rubus spp.***Blackgum***Nyssa spp.***Bracken***Pteridium spp.***Broom:****French***Cytisus monspessulanus***Scotch***Cytisus scoparius***Buckwheat, California***Eriogonum fasciculatum***Cascara***Rhamnus purshiana***Catsclaw***Acacia greggi***Ceanothus***Ceanothus spp.***Chanise***Adenostoma fasciculatum***Cherry:**

Krigia cespitosa

Falseflax, smallseed
Camelina microcarpa

Fescue
Festuca spp.

Fiddleneck
Amsinckia spp.

Flaxleaf fleabane
Conyza bonariensis

Fleabane
Erigeron spp.

Foxtail
Setaria spp.

Groundsel, common
Senecio vulgaris

Guineagrass
Panicum maximum

Horsenettle
Solanum carolinense

Horseweed/Marestail
Conyza canadensis

Johnsongrass
Sorghum halepense

Kikuyugrass
Pennisetum clandestinum

Knapweed
Centaurea repens

Kochia
Kochia scoparia

Lambsquarters, common
Chenopodium album

Lespediza: common, sericea
Lespediza striata
Lespediza cuneata

Lettuce, prickly

Pueraria lobata

Locust, black

Robinia pseudoacacia

Madrone

Arbutus menziesii

Manzanita

Arctostaphylos spp.

Maple

Acer spp.

Monkey Flower

Mimulus guttatus

Oak:

Quercus spp.

Persimmon

Diospyros spp.

Pine

Pinus spp.

Poison Ivy

Rhus radicans

Poison Oak

Rhus toxicodendron

Poplar, yellow

Liriodendron tulipifera

Prunus

Prunus spp.

Raspberry

Rubus spp.

Redbud, eastern

Cercis canadensis

Rose, multiflora

Rosa multiflora

Sage, black

Salvia mellifera

Sagebrush, California

Artemisia californica

Salmonberry*Rubus spectabilis***Saltbush, Sea myrtle***Baccharis halimifolia***Sassafras***Sassafras albidum***Sourwood***Oxydendrum arboreum***Sumac:***Rhus vernix***Sweetgum***Liquidambar styraciflua***Swordfern***Polystichum munitum***Tallowtree, Chinese***Sapium sebiferum***Tan Oak***Lithocarpus densiflorus***Thimbleberry***Rubus parviflorus***Tobacco, tree***Nicotiana glauca***Trumpet creeper***Campsis radicans***Waxmyrtle, southern***Myrica cerifera***Willow***Salix spp.***HERBACEOUS WEEDS****Bahiagrass***Paspalum notatum***Balsamapple***Momordica charantia*

Barnyardgrass
Echinochloa crus-galli

Bassia, fivehook
Bassia hyssopifolia

Bermudagrass
Cynodon dactylon

Bindweed, field
Convolvulus arvensis

Bluegrass, Kentucky
Poa pratensis

Brackenfern
Pteridium aquilinum

Brome
Brome spp.

Bromegrass, smooth
Bromus inermis

Broomsedge
Andropogon spp.

Buttercup
Ranunculus spp.

Cheat
Bromus secalinus

Chickweed, mouseear
Cerastium vulgatum

Clover, red
Trifolium pratense

Clover, white
Trifolium repens

Cocklebur
Xanthium strumarium

Dallasgrass
Paspalum dilatatum

Dock, curly
Rumex crispus

Dwarf dandelion

Krigia cespitosa

Falseflax, smallseed
Camelina microcarpa

Fescue
Festuca spp.

Fiddleneck
Amsinckia spp.

Flaxleaf fleabane
Conyza bonariensis

Fleabane
Erigeron spp.

Foxtail
Setaria spp.

Groundsel, common
Senecio vulgaris

Guineagrass
Panicum maximum

Horsenettle
Solanum carolinense

Horseweed/Marestail
Conyza canadensis

Johnsongrass
Sorghum halepense

Kikuyugrass
Pennisetum clandestinum

Knapweed
Centaurea repens

Kochia
Kochia scoparia

Lambsquarters, common
Chenopodium album

Lespediza: common, sericea
Lespediza striata
Lespediza cuneata

Lettuce, prickly

Lactuca serriola

Morningglory
Ipomoea spp.

Muhly, wirestem
Muhlenbergia frondosa

Mullein, common
Verbascum thapsus

Mustard, blue
Chorispora tenella

Mustard, tansy
Descurainia pinnata

Mustard, tumble
Sisymbrium altissimum

Mustard, wild
Sinapis arvensis

Napiersgrass
Pennisetum purpureum

Nightshade, silverleaf
Solanum elaeagnifolium

Nutsedge: purple, yellow
Cyperus rotundus
Cyperus esculentus

Oats, wild
Avena fatua

Orchardgrass
Dactylis glomerata

Panicum
Panicum spp.

Pampasgrass
Cortaderia jubata

Pennycress, field
Thlaspi arvense

Pigweed, redroot
Amaranthus retroflexus

Pigweed, smooth

Amaranthus hybridus

Quackgrass

Agropyron repens

Ragweed, common

Ambrosia artemisiifolia

Ragweed, giant

Ambrosia trifida

Reed, giant

Arundo donax

Ryegrass, perennial

Lolium perenne

Saltcedar

Tamarix spp.

Sandbur, field

Cenchrus spp.

Shepherdspurse

Capsella bursa-pastoris

Signalgrass, broadleaf

Brachiaria platyphylla

Smartweed, Pennsylvania

Polygonum pensylvanicum

Sowthistle, annual

Sonchus oleraceus

Spanishneedles

Bidens bipinnata

Spurry, umbrella

Holosteum umbellatum

Starthistle, yellow

Centaurea jacobinella

Stinkgrass

Eragrostis cilianensis

Thistle, Canada

Cirsium arvense

Thistle, Russian

Salsola kali

Vaseygrass
Paaspalum urvillei

~~**Velvetgrass**~~
~~*Holcus spp.*~~

Witchgrass
Panicum capillare

~~FORESTRY AND UTILITY~~
~~RIGHTS-OF-WAY~~

~~INJECTION AND CUT STUMP APPLICATIONS~~

~~INJECTION AND CUT STUMP APPLICATIONS~~

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

INJECTION APPLICATIONS

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

CUT STUMP TREATMENTS

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

Physical or Chemical Hazards

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

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

ACTIVE INGREDIENT:

*Glyphosate, N-(phosphonomethyl)glycine, in the form of its isopropylamine salt 62.0%
INERT INGREDIENTS: 38.0%
100.0%

* Contains 769 grams per litre or 6.42 pounds per U.S. gallon of the active ingredient glyphosate, in the form of its isopropylamine salt. Equivalent to 570 grams per litre or 4.75 pounds per U.S. gallon of the acid, glyphosate.

DIRECTIONS FOR USE

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

Storage and Disposal

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

STORAGE:

STORE ABOVE 59°F (15°C) TO KEEP FROM CRYSTALLIZING. Crystals will settle to the bottom. If allowed to crystallize, place in a warm room 77°F (25°C) for several days and roll container frequently to redissolve 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.

3 4 7 66

EPA Reg. No. 524-333

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

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

ROUNDUP® D-PAK

For control of annual and perennial weeds in Arkansas, Delaware, Louisiana, Maryland, and Mississippi, New Jersey, Pennsylvania and Virginia.

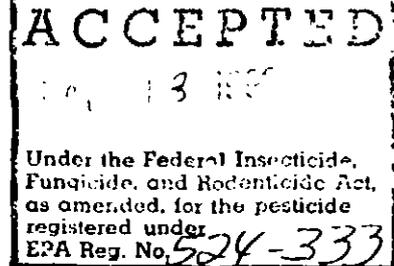
USE WITH A NONIONIC SURFACTANT

Complete Directions for Use

EPA Reg. No. 524-333

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

Roundup® is a registered trademark of Monsanto Company.



~~1991-1~~ ~~1992-1~~ ~~897-15-100-24/53~~ ~~897-15-100-08/53~~

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.

(INDEX PAGES)

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

Keep out of reach of children.

CAUTION!

CAUSES EYE IRRITATION.

Avoid contact with eyes.

Wash thoroughly with soap and water after handling.

FIRST AID: IF IN EYES, immediately flush with plenty of water for at least 15 minutes. Get medical attention. Remove material from skin and clothing.

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

Environmental Hazards

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. 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.

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Storage and Disposal

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

STORAGE:

STORE ABOVE 59°F (15°C) TO KEEP FROM CRYSTALLIZING. Crystals will settle to the bottom. If allowed to crystallize, place in a warm room 77°F (25°C) for several days and roll container frequently to redissolve before using.

DISPOSAL:

Wastes resulting from the use of this product that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticide disposal or in accordance with applicable Federal, state or local procedures.

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

Do not reuse container. Return emptied container per the Monsanto container return program. If not returned, 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.

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 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 and into the root system. Visible effects on most weeds occur within 7 days. Extremely cool or cloudy weather may slow activity and delay visible effects which are a gradual wilting and yellowing of the plant which advances to complete browning.

Unless otherwise specified on this label, delay application until vegetation has emerged and reached the stages described 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 herbicide 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.

Spraying early to control young annual weeds before tall and dense stands develop will result in the best control at the lowest use rate.

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 untilled area.

PRECAUTIONS

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

~~This product is recommended for control of emerged weeds prior to establishment of labeled crops. Large amounts of green or decaying vegetation left standing or incorporated into the seedbed may enhance the development of disease in newly planted crops. This may result in poor emergence and/or stands, especially under cool and/or wet conditions.~~

In reduced tillage and no-till systems, ensure good seed to soil contact and proper seeding depth.

Reduced control may occur 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.

Applications to saturated soils or to fields under standing water will result in reduced control.

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 this product 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.

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.

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

Do not allow the herbicide solution to mist, drip, drift, or splash onto desirable vegetation since minute quantities of this herbicide

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 cause spray drift. 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, 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 WHEN WIND OR OTHER CONDITIONS FAVOR DRIFT. 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

SURFACTANT REQUIREMENT

This product requires use with at least an 80 percent active 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. 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 recommended amount of this product 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, add the surfactant at the end of the filling cycle, ~~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.

TANK MIXTURES

Always predetermine the compatibility of labeled tank mixtures of this herbicide 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 process.
7. Add nonionic surfactant to the spray tank near the end of the filling process.
8. Add individual formulations to the spray tank in this order: wettable powder, flowable, emulsifiable concentrate, drift control additive, water soluble liquid (including this product) 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 strainers 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

Do not add any products or materials to the spray tank except those recommended in this label. The use of any such materials or

products may result in reduced herbicidal activity and poor results.

AMMONIUM SULFATE

The addition of 1 to 2 percent dry ammonium sulfate by weight or 8.5 to 17 pounds per 100 gallons of water may increase the performance of this product on annual or perennial weeds growing under stress conditions and when this product is applied in labeled tank mixtures. 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 dry additive 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. 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 additional surfactant. Do not use herbicide rates lower than recommended in this label.

**APPLICATION EQUIPMENT
AND TECHNIQUES**

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

This product may be applied using either ground or aerial spray equipment. Use extreme care to avoid misting or drifting of herbicide solution onto foliage, green stems or fruit of desirable crops, trees, or plants during both growing and dormant periods, since even very small quantities of spray can cause severe plant injury.

■ **BROADCAST EQUIPMENT** ■

GROUND APPLICATION: Mix and apply the 10 to 20 fluid ounces per acre rates of this product in 3 to 10 gallons of water per acre. When using rates greater than 20 fluid ounces per acre, spray volumes of up to 20 gallons per acre may be used. For optimum spray distribution and coverage, use flat fan or low-volume nozzles. When using flood nozzles, space them no more than 40 inches apart and ensure double overlap of spray pattern. Refer to the manufacturer's recommendations for correct pressure and nozzle height above the target canopy. Avoid pressure and nozzles which produce fine droplets or mist.

Use appropriate marking devices to ensure uniform spray coverage and best results from the herbicide.

■ **AERIAL EQUIPMENT** ■

AERIAL APPLICATION: Aerial applications of this product may be made in annual cropping conventional tillage systems, fallow and reduced tillage systems, and preharvest to cotton. Apply the recommended rates of this product in 3 to 5 gallons of water per acre as a broadcast spray. **DO NOT APPLY DURING INVERSION CONDITIONS, WHEN WINDS ARE GUSTY, OR UNDER ANY OTHER CONDITION WHICH FAVORS DRIFT. DRIFT MAY CAUSE DAMAGE TO ANY VEGETATION CONTACTED TO WHICH TREATMENT WAS 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 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 or flagmen.

For best results with aerial application on bedded rows, fly the aircraft parallel to the rows and not across the rows.

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.

■ **HAND-HELD and HIGH-VOLUME SPOT SPRAY 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 a 1/3 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 grass or bud formation in broadleaf weeds. Allow three or more days before tillage or mowing.

For annual weeds over 6 inches tall or unless otherwise specified, use a 2/3 percent solution. For best results, use a 1 1/3 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 motorized spot treatments. Where less than complete coverage of annual weeds occurs, use 3 1/2 percent solution.

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

Spray Solution

DESIRED VOLUME	AMOUNT OF ROUNDUP® D-PAK®			
	1/3%	2/3%	1 1/3%	3 1/2%
1 gallon	1/2 oz	1 oz	1-3/4 oz	4-1/2 oz
25 gallons	10-2/3 oz	21 oz	1-1/3 qt	3-1/2 qt
100 gallons	1-1/3 qt	2-2/3 qt	1-1/3 gal	3-1/2 gal

2 tablespoons = 1 fluid ounce

* Always add a nonionic surfactant at a rate of 1 to 2 percent of the spray solution.

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.

SELECTIVE EQUIPMENT

This product may be applied through a shielded applicator or a wiper applicator in crops specifically listed in this label.

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

A wiper applicator applies the herbicide solution onto weeds by rubbing the weed with an absorbent material containing the herbicide solution.

AVOID CONTACT WITH DESIRABLE VEGETATION.

Contact of the herbicide solution with the desirable vegetation may result in damage or destruction. Applicators used above desired vegetation should be adjusted so that the lowest spray stream or wiper contact point is at least two inches above the desirable vegetation. Droplets, mist, foam, or splatter of the herbicide solution settling on desirable vegetation may result in discoloration, stunting, or destruction. Contact of the herbicide

solution with the crop may result in damage. Wiper equipment must be operated so the herbicide solution does not wipe on to the crop.

Wiper applications made above crops should be made when upright growing weeds are a minimum of 6 inches above the desirable vegetation. Better results may ~~will~~ be obtained when more of the weed is exposed to the herbicide solution. 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

- Variation in equipment design may affect weed control. With wiper applicators, the wiping material and its orientation must allow delivery of sufficient quantities of the recommended herbicide solution directly to the weed.
- Maintain equipment in good operating condition. Avoid leakage or dripping onto desirable vegetation.
- Adjust height of applicator to insure adequate contact with weeds and to prevent contact with crops.
- Keep wiping surfaces clean.
- Keep shields on shielded applicators adjusted to protect desirable vegetation.
- Keep wiper material at proper degree of saturation with herbicide solution.
- DO NOT use wiper equipment when weeds are wet- ~~from rain or dew.~~
- 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.
- Be aware that, on sloping ground, the herbicide solution may migrate, causing dripping on the lower end and drying on the upper end of a wiper applicator.
- Variation in equipment design may affect weed control. With wiper applicators, the wiping material and its orientation must allow delivery of sufficient quantities of the recommended herbicide solution directly to the weed.

- ~~Care must be taken with all types of wipers to ensure that the absorbent material does not become over-saturated, causing the herbicide to drip on desirable vegetation.~~
- Mix only the amount of solution to be used during a one-day period, as reduced activity may result from use of leftover solutions. With all equipment, drain and clean sprayer and wiper parts immediately after using this product by thoroughly flushing with water.

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:

$$\begin{array}{rcl}
 \text{Band width} & & \text{Herbicide} \\
 \text{in inches} & \times & \text{Broadcast} \\
 \text{Row width} & & \text{RATE} \\
 \text{in inches} & & \text{per acre}
 \end{array}
 =
 \begin{array}{r}
 \text{Herbicide} \\
 \text{Band RATE} \\
 \text{per acre}
 \end{array}$$

$$\begin{array}{rcl}
 \text{Band width} & & \text{Broadcast} \\
 \text{in inches} & \times & \text{VOLUME of} \\
 \text{Row width} & & \text{solution} \\
 \text{in inches} & & \text{per acre}
 \end{array}
 =
 \begin{array}{r}
 \text{Band} \\
 \text{VOLUME} \\
 \text{of solution} \\
 \text{per acre}
 \end{array}$$

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.

WIPER APPLICATORS

Wiper applicators include wick devices which physically wipe appropriate concentrations or amounts of this product directly onto the weed. Equipment must be designed, maintained, and operated to prevent the herbicide solution from contacting desirable vegetation. Operate this equipment at ground speeds no greater than 5 mph. Performance may be improved by reducing speed in areas of heavy weed infestations to ensure adequate wiper saturation. Better results may be obtained if two applications are made in opposite directions.

For Wick or Wiper Applicators—Mix 2-1/2 quarts of this product plus 2 gallons of clean water plus one quart nonionic

47 of 56

surfactant. Apply this solution to weeds listed in this "Wiper Applicators" section.

Do not add a vegetable or crop oil concentrate to the mixture. Such use would block the flow of the mixture through the wiper.

In severe infestations, a second application in the opposite direction may be beneficial.

Do not permit herbicide solution to contact desirable vegetation.

When applied as recommended under the conditions described for "Wiper Applicators", this product **CONTROLS** or **SUPPRESSES** the following weeds:

ANNUAL GRASSES

Corn

~~Zea mays~~

Panicum, Texas

~~Panicum texanum~~

Rye, common

~~Secale cereale~~

Chattereane

~~Sorghum bicolor~~

ANNUAL BROADLEAVES

Sicklepod

~~Cassia obtusifolia~~

Spanishneedles

~~Bidens bipinnata~~

Starbur, bristly

~~Acanthospermum hispidum~~

~~When applied as recommended under the conditions described for "Wiper Applicators", this product SUPPRESSES the following weeds:~~

ANNUAL BROADLEAVES

Beggarweed, Florida

~~Desmodium tortuosum~~

Dogfennel

~~Eupatorium capilliflorum~~

Pigweed, redroot

~~Amaranthus retroflexus~~

Ragweed, common

~~Ambrosia artemisiifolia~~

Ragweed, giant
~~Ambrosia trifida~~

Sunflower
~~Helianthus annuus~~

Thistle, musk
~~Carduus nutans~~

Velvetleaf
~~Abutilon theophrasti~~

PERENNIAL GRASSES

Johnsongrass
~~Sorghum halepense~~

PERENNIAL BROADLEAVES

Dogbane, hemp
~~Apocynum cannabinum~~

Milkweed
~~Asclepias syriaca~~

Nightshade, silverleaf
~~Solanum elaeagnifolium~~

Thistle, Canada
~~Cirsium arvense~~

Beggarweed, Florida
~~Desmodium tortuosum~~

Corn
~~Zea mays~~

Dogbane, hemp
~~Apocynum cannabinum~~

Dogfennel
~~Eupatorium capilliflorum~~

Johnsongrass
~~Sorghum halepense~~

MILKWEED
~~Asclepias syriaca~~

Nightshade, silverleaf
~~Solanum elaeagnifolium~~

Panicum, Texas
Panicum texanum

Pigweed, redroot
Amaranthus retroflexus

Ragweed, common
Ambrosia artemisiifolia

Ragweed, giant
Ambrosia trifida

Rye, common
Secale cereale

Shattercane
Sorghum bicolor

Sicklepod
Cassia obtusifolia

Spanishneedles
Bidens bipinnata

Starbur, bristly
Acanthospermum hispidum

Sunflower
Helianthus annuus

Thistle, musk
Carduus nutans

Velvetleaf
Abutilon theophrasti

SPRAYER AND WIPER CLEANUP

CLEAN THE ENTIRE SPRAYER OR WIPER AFTER APPLICATION OF THIS PRODUCT. Failure to clean the sprayer equipment thoroughly may result in injury to desirable crops which are subsequently sprayed treated. Add clean water to the tank and thoroughly rinse the entire sprayer system.

Application or use of other agricultural chemicals with the equipment used for this product may result in injury to desirable vegetation.

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.

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 and in spray volumes of 3 to 10 gallons per acre unless otherwise specified.
- To prevent seed production, applications should be made prior to seedhead formation.

**LOW-VOLUME BROADCAST APPLICATION
(LOW-RATE TECHNOLOGY)**

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

Water carrier volumes of 3 to 10 gallons per acre for ground applications and 3 to 5 gallons per acre for aerial applications are recommended.

NOTE

- Do not tank-mix with soil residual herbicides when using these rates unless otherwise specified in this label.
- Refer to the "Tank Mixtures" portion of this section for control of additional broadleaf weeds and correct use rates in tank mixture.
- 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 and correct use rates in tank mixture.~~
- Add a nonionic surfactant at a rate of 4 to 8 quarts per 100 gallons of spray solution.

51 9 66

WEED SPECIES	RATE ⁺⁺ (FLUID OUNCES PER ACRE)					
	10	15	20	25	30	40
	MAX. HEIGHT/LENGTH					
Amaranth, palmer Amaranthus palmeri	1211"	1017"	2024"	•	•	•
Amaranth, spiny Amaranthus spinosus	1211"	1017"	2024"	•	•	•
Anoda, spurred Anoda cristata	1"	2"	3"	5"	8"	12"
Barley, little Hordeum pusillum	20"	•	•	•	•	•
Barnyardgrass ⁺ Echinochloa crus-galli	3"	5"	87"	109"	12"	20"
Bittercress Cardamine, spp.	12"	20"	•	•	•	•
Bluegrass, annual Poa annua	10"	•	•	•	•	•
Bluets Hedyotis longiflora	12"	•	•	•	•	•
Brome, downy Bromus tectorum	6"	20"				
Brome, Japanese [‡] Bromus japonicus	6"	20"	24"	•	•	•
Buttercup Ranunculus spp.	12"	20"	•	•	•	•
Carpetweed Mollugo verticillata	12"	•	•	•	•	•
Cheat Bromus secalinus	6"	20"				
Chervil, hairyfruit Chaerophyllum tainturieri	20"	•	•	•	•	•
Chickweed, common Stellaria media	2012"	•	•	•	•	•
Chickweed, mouseear	2012"	•	•	•	•	•

	1"	2"	3"	4"	6"	12"
Cerastium vulgatum						
Cocklebur Xanthium strumarium	12"	18 1/2"	20 1/4"	•	•	•
Copperleaf, virginia Acalypha virginica	1"	2"	3"	4"	6"	12"
Corn Zea Mays	12"	20"	•	•	•	•
Cornsalad Valerianella, spp.	20"	•	•	•	•	•
Cotton Gossypium hirsutum	•	2"	4"	•	8"	•
Crabgrass Digitaria, spp.	12"	20"	•	•	•	•
Dock, curly (seedling) Rumex crispus	•	4"	6"	•	•	•
Dwarf dandelion Krigia cespitosa	20"	•	•	•	•	•
Eclipta Eclipta spp.	4"	8"	12"	•	•	•
Eveningprimrose, cutleaf Oenothera laciniata	•	•	•	•	•	20"
Eveningprimrose, common Oenothera biennis	•	•	6"	•	8"	20"
Falsedandelion, Carolina Pyrrhopappus carolinianus	20"	•	•	•	•	•
Fleabane, annual Erigeron annuus	6"	20"	•	•	•	•
Foxtail Setaria spp.	8"	12"	20"	•	•	•
Foxtail, Carolina Alopecurus carolinianus	20"	•	•	•	•	•
Geranium, Carolina Geranium carolinianum	•	•	4"	•	20 1/2"	18"
Goosegrass Eleusine indica	4 1/2"	6 1/2"	12 1/2"	•	20 1/2"	•
Groundcherry, cutleaf	5"	12"	18"	•	•	•

Physalis angulata						
Henbit Lamium amplexicaule	•	•	6"	•	20"	•
Horseweed, Maretail Conyza canadensis	•	612"	30"	•	•	•
Itchgrass Rottboellia exaltata	6"	12"	18"	•	•	•
Johnsongrass, seedling ² Sorghum halepense	12•"	2018"	•	•	•	•
Junglerice ⁴ ³ Echinochloa colonum	23"	5"	87"	109"	12"	20"
Knotweed Polygonum aviculare	3"	8"	12"	•	20"	•
Ladysthumb Polygonum persicaria	4"	6"	8"	•	12"	20"
Lambsquarters Chenopodium album	6"	8"	12"	•	20"	•
Lettuce, prickly Lactuca serriola	6"	12"	20"	•	•	•
Mannagrass, eastern Glyceria septentrionalis	8"	12"	•	•	•	•
Morningglory, entireleaf Ipomea hederacea	•	32"	64"	•	86"	2018"
Morningglory, ivyleaf Ipomea hederacea	•	32"	64"	•	86"	2018"
Morningglory, pitted Ipomea lacunosa	•	32"	64"	•	86"	2018"
Morningglory, tall Ipomea purpurea	•	32"	64"	•	86"	2018"
Mustard, tansy Descurainia pinnata	12"	20"	•	•	•	•
Oats ² Avena sativa	6•"	185"	20"	•	•	•
Panicum, fall Panicum dichotomiflorum	84"	126"	188"	•12"	2024"	•
Panicum, Texas	46"	8"	1812"	•	24"	•

54 of 66

Panicum texanum						
Panicum, browntop Panicum fasciculatum	46"	8"	1812"	•	24"	•
Pepperweed, Virginia Lepidium Virginicum	18"	•	•	•	•	•
Pigweed, redroot Amaranthus retroflexus	1211"	1817"	2024"	•	•	•
Pigweed, smooth Amaranthus hybridus	1211"	1817"	2024"	•	•	•
Ragweed, common Ambrosia artemisiifolia	•4"	6"	8"	•	1211"	20"
Ragweed, giant Ambrosia trifida	•	64"	86"	•	1211"	•20"
Ammannia, purple/Redstem Redstem/Ammannia, purple Ammannia coccinea	123"	206"	•12"	•	•20"	•
Rice, red/ rice Oryza sativa	•	•3"	45"	8"	12"	20"
Rocket, yellow Barbarea vulgaris	•	12"	20"	•	•	•
Rye ¹ Secale cereale		126"	1720"	60"	•	••
Ryegrass, annual Lolium multiflorum	6"	12"	20"	•	•	•
Sesbania, hemp Sesbania exaltata	•	32"	64"	•5"	8"	2018"
Shepherdspurse Capsella bursa-pastoris	20"	•	•	•	•	•
Sicklepod Cassia obtusifolia	•	2"	4"	•	68"	•220"
Signalgrass, broadleaf ² Brachiaria platyphylla	3"	65"	87"	109"	1812"	•20"
Smartweed, Pennsylvania Polygonum pensylvanicum	4"	6"	8"	•	12"	20"
Sorghum, grain (milo) Sorghum bicolor	126"	1812"	20"	•	•	•

Spanishneedles <i>Bidens bipinnata</i>	•	•	8"	•	18"	•
Speedwell, corn <i>Veronica arvensis</i>	12"	•	•	•	•	•
Speedwell, purselane <i>Veronica perigrana</i>	12"	•	•	•	•	•
Sprangletop <i>Leptochloa, spp.</i>	6"	12"	20"	•	•	•
Spurge, prostrate <i>Euphorbia humistrata</i>	6"	12"	20"	•	•	•
Spurge, spotted <i>Euphorbia maculata</i>	6"	12"	20"	•	•	•
Teaweed* <i>Sida spinosa</i>	1"	2"	43"	64"	85"	2012"
Velvetleaf <i>Abutilon theophrasti</i>	2"	3"	4"	5"	8"	20"
Venuslookingglass <i>Triodans perfoliata</i>	20"	•	•	•	•	•
Wheat* <i>Triticum aestivum</i>	126"	1830"	20"	•	•	•
Witchgrass <i>Panicum capillare</i>	8"	12"	18"	•	20"	•

* For barnyardgrass, broadleaf signalgrass, or junglerice, Japanese brome or seedling johnsongrass, 10 fluid ounces of this product per acre will provide control until the plant has tillered. After tillering, use the rates listed above.

1. Use 15 fluid ounces per acre prior to internode elongation.

2. Use 10 fluid ounces per acre prior to internode elongation.

3. Use 10 fluid ounces per acre if weeds are greater than 12 inches tall.

** For those rates less than 20 fluid ounces per acre, this product at rates up to 20 fluid ounces per acre may be used where heavy weed densities exist.

PERENNIAL WEEDS

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

56 9 66

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

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

Add a nonionic surfactant at a rate of 4 to 8 quarts per 100 gallons of spray solution.

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

Alligatorweed*
Alternanthera
philoxeroides

Bahiagrass
Paspalum notatum

Bermudagrass
Cynodon dactylon

Bermudagrass, water (knotgrass)
Paspalum distichum

Bindweed, field
Convolvulus arvensis

Bluegrass, Kentucky
Poa spp.

Clover, red
Trifolium pratense

Clover, white
Trifolium repens

Dallisgrass
Paspalum dilatatum

Dandelion
Taraxacum officinale

Dock, curly
Rumex crispus

Dogbane, hemp
Apocynum cannabinum

Fescues
Festuca spp.

Fescue, tall

Festuca arundinacea

Guineagrass

Panicum maximum

Johnsongrass

Sorghum halepense

Milkweed

Asclepias spp.

Muhly, wirestem

Muhlenbergia frondosa

Nutsedge, purple, yellow

Cyperus rotundus

Cyperus esculentus

Orchardgrass

Dactylis glomerata

Redvine*

Brunnichia ovata

Ryegrass, perennial

Lolium perenne

Sweet potato, wild*

Ipomoea pandurata

~~**Thistle, Canada**~~

~~**Cirsium arvense**~~

Timothy

Phieum pratense

Trumpetcreeper

Campsis radicans

Vaseygrass

Paspalum urvillei

***Partial Control**

Alligatorweed—Apply 2.5 quarts of this product per acre or apply a 1 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.

Bermudagrass—For control, apply 3 quarts of this product per acre and, for partial control, apply 2 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.

Bermudagrass, water (knotgrass)--Apply 30 fluid ounces of this product in 5 to 10 gallons of water per acre. Apply when water bermudagrass is actively growing and 12 to 18 inches in length. Allow 7 or more days before tilling, flushing or flooding the field.

Fall applications only - Apply 20 fluid ounces of this product in 5 to 10 gallons of water per acre. Fallow fields should be tilled prior to application. Apply prior to frost on water bermudagrass that is actively growing and 12 to 18 inches in length. Allow 7 or more days before tillage.

Bindweed, field--Apply 2.5 to 3 quarts of this product per acre west of the Mississippi River and 2 to 2.5 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. New leaf development indicates 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 tillage.

Dogbane, hemp--Apply 2.5 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 2 quarts of this product in 3 to 20 gallons of water per acre to actively growing plants when most have reached boot-to-early seedhead stage of development in the spring.

Fall applications only--Apply 20 fluid ounces of this product plus ~~1 percent nonionic surfactant by total spray volume~~ in 3 to 10 gallons of water per acre. Apply to fescue in the fall when actively growing and plants have 6 to 12 inches of new growth. ~~Allow 7 or more days after application before tillage or renovation.~~ A sequential application approximately 14 days later of 10 ounces per acre of this product plus ~~nonionic surfactant~~ will improve long-term control. Allow 7 or more days after application before tillage or renovation.

Johnsongrass -In annual cropping systems apply 20 to 30 ounces of this product in 3 to 10 gallons of water per acre. In non-crop areas where annual tillage is not performed, apply 40 ounces of this product in 3 to 10 gallons of water per acre. For best results, apply to actively growing plants when most have reached the late boot to full flower stages of growth. Use 30 fluid ounces per acre when used prior to these stages and on fallow sugarcane land. Allow 7 or more days after application before tillage. Do not tank-mix with residual herbicides when using the 20 fluid ounces per acre rate.

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

Spot Treatment—Apply a $\pm 1 \frac{1}{3}$ percent solution of this product. Coverage should be uniform and complete.

Milkweed, common—Apply 2.5 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.

Nutsedge: purple, yellow—Apply 2 quarts of this product per acre as a broadcast spray, or apply a 1 percent solution to control purple nutsedge, or a 1.5 percent solution to control yellow nutsedge 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.

Redvine—For suppression, apply 15 fluid ounces of this product per acre at each of two applications 7 to 14 days apart or a single application of 40 ounces per acre. Apply recommended rates in 5 to 10 gallons of water per acre. Apply to actively growing plants in late September or October, which are at least 18 inches tall and have been growing 45 to 60 days since the last tillage operation. Make applications at least 1 week before a killing frost.

Ryegrass, perennial—Apply 20 fluid ounces of this product per acre in 3 to 10 gallons of water after full head emergence. Applications prior to full head emergence requires 40 ounces per acre. Note: Perennial ryegrass is often mistaken for annual ryegrass, and will not be controlled at rates used for annual weed control.

Sweet Potato, wild—Apply this product as a 1.5 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.

Trumpet creeper—For control, apply 40 fluid ounces of this product per acre in 5 to 10 gallons of water per acre. Apply to actively growing plants in late September or October, which are at least 18 inches tall and have been growing 45 to 60 days since the last tillage operation. Make applications at least 1 week before a killing frost.

Other perennials listed on this label—Apply 2 to 3 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.

CROPPING SYSTEMS

This product controls annual and perennial weeds listed on this label, prior to the emergence of the crops listed below.

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

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 5 quarts per acre of this product per year.

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

Do not harvest or feed treated vegetation for 8 weeks after application.

- | | |
|-------------|-----------------|
| CORN (All)* | SORGHUM (Milo)* |
| COTTON* | SOYBEANS* |
| RICE** | SUGARCANE* |
| | WHEAT* |

- * Spot treatments may also be applied in these crops.
- ** Do not treat rice fields or levees when fields contain flood water.

Refer to the "SUGARCANE" section of this label for more information.

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, or silking of corn, or bell opening on cotton.

For dilution and rates of application using boom or hand-held equipment, see "Mixing, Additives and Application Instructions" and "Weeds Controlled" sections of this label.

Selective Equipment—This product may be applied through shielded applicators or wiper applicators in cotton and soybeans. Wiper applicators may be used in grain sorghum (milo).

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:

- Cotton, Soybeans 7 days
- Sorghum (milo)* 40 days

*Do not use roller applicators. Do not feed or graze treated milo fodder. Do not ensile treated vegetation.

MINIMUM TILLAGE SYSTEMS
Tank Mixtures

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, sorghum (milo), soybeans, rice or cotton will be planted directly into a cover crop, established sod, or in previous crop residues or a stale seedbed.

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.

The addition of dry ammonium sulfate is suggested when tank mixtures are used with the following labeled products and annual grasses or volunteer cereal grains are present. Ammonium sulfate will be necessary for the best control with these tank mixtures when barnyardgrass, broadleaf, signalgrass and red rice are present.

CORN

- **ROUNDUP® D-PAK plus LASSO®** ■
- **ROUNDUP D-PAK plus LASSO plus ATRAZINE** ■
- **ROUNDUP D-PAK plus LARIAT®** ■
- **ROUNDUP D-PAK plus BULLET®** ■
- **ROUNDUP D-PAK plus BICEP®** ■
- **ROUNDUP D-PAK plus LASSO plus BLADEX®** ■
- **ROUNDUP D-PAK plus LASSO plus SIMAZINE** ■
- **ROUNDUP D-PAK plus ATRAZINE**
plus SIMAZINE ■

For improved burndown, this product may be tank-mixed with 2,4-D. Applications of 2,4-D must be made at least 7 days prior to planting corn.

SORGHUM (MILO)

- **ROUNDUP® D-PAK plus LASSO®** ■
- **ROUNDUP D-PAK plus LARIAT®** ■
- **ROUNDUP D-PAK plus ATRAZINE** ■

SOYBEANS

- **ROUNDUP® D-PAK plus LASSO®** ■
- **ROUNDUP D-PAK plus LASSO plus LINURON** ■
- **ROUNDUP D-PAK plus LASSO plus LEXONE™** ■
- **ROUNDUP D-PAK plus LASSO plus SENCOR™** ■
- **ROUNDUP D-PAK plus DUAL™** ■
- **ROUNDUP D-PAK plus PROWL™** ■
- **ROUNDUP D-PAK plus SQUADRON™** ■
- **ROUNDUP D-PAK plus COMMAND™** ■
- **ROUNDUP D-PAK plus CANOPY™** ■
- **ROUNDUP D-PAK plus SCEPTER™** ■

For improved burndown, this product may be tank-mixed with 2,4-DB or 2,4-D. Use 2,4-DB at a rate of 1/16 to 1/8 pound per acre on an acid equivalent basis. (For Butyrac™ 200, use 4 to 8 fluid ounces per acre.) Applications of 2,4-D must be made at least 30 days prior to planting soybeans.

COTTON

- **ROUNDUP D-PAK plus COTORAN™** ■

RICE

- **ROUNDUP D-PAK plus BOLERO™** ■

Apply these tank mixtures in 10 to 40 20 gallons of water per acre after planting or during planting in such manner that behind the planter press wheel does not disturb the treated soil. Do not apply these mixtures after crop emergence.

63 4 66

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

CONTROL OF EMERGED WEEDS WITH TANK MIXTURES

Annual Weeds—For barnyardgrass, broadleaf signalgrass, ~~cereal rye, wheat, oats, volunteer rice~~ and red rice, use 20 fluid ounces per acre of this product when weeds are less than 2 inches tall, and 30 fluid ounces per acre when weeds are up to 6 inches tall. For other labeled grass weeds, use 10 fluid ounces per acre when weeds are less than 2 inches tall, and 20 fluid ounces per acre when weeds are up to 6 inches tall.

Perennial Weeds—~~Use of 1.25 to 2.5 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. 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 Weeds Controlled" section of this label for the proper stage of growth for perennial weeds.

~~Use of 1.25 to 2.5 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 2.5 quarts of this product herbicide per acre.

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

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SUGARCANE

This product may be used 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 6.7 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 3 to 20 gallons of water per acre on emerged weeds growing in fields to be planted to sugarcane.

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

For removal of last stubble or ratoon cane, apply 2.5 to 3 quarts of this product in 3 to 20 gallons of water per acre to new growth having at least 7 or more new leaves. Allow 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 "Application Equipment and Techniques" section of this label.

For control of volunteer or diseased 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 diseased 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.

PREHARVEST APPLICATIONS

COTTON

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.

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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.

To control johnsongrass, apply 20 fluid ounces of this product plus 1 percent nonionic surfactant by total spray volume in 3 to 20 gallons of water per acre. Ensure complete coverage.

When applied as recommended under the conditions described, this product may be tank-mixed with Def[™], or Folex[™], Prep[™], Def plus Prep or Folex plus Prep when used for weed control. For application guidelines, precautions, defoliant rates and spray volumes refer to the Def[™], and Folex[™] or Prep labels.

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 COTTON 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 and Prep are trademarks of Rhone-Poulenc.

POSTHARVEST APPLICATIONS

This product will provide control of existing weeds following harvest. Weeds should be allowed to regrow after damage incurred during harvest operations, and to recover from environmental stress before application of this product. This is the optimum time for the best control of many perennial species, providing regrowth after harvest is adequate. Applications may be made up until 2 days before a killing frost or as long as most weed foliage is green

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

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EPA Reg. No. 524-333

In case of emergency involving this product,
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