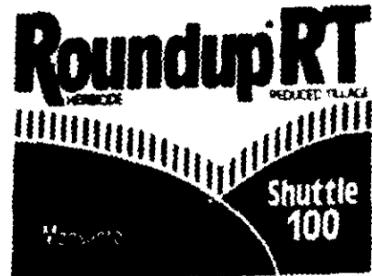


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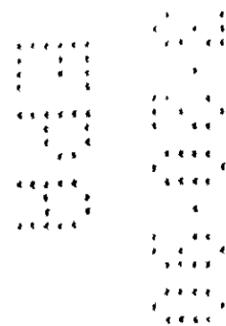
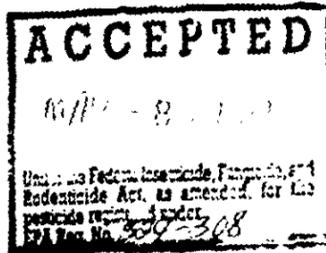
For control of annual and perennial weeds in reduced tillage systems.

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

EPA Reg. No. 524-308

Complete Directions for Use

Roundup® is a registered trademark of Monsanto Company



### NONCROP USES

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

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

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

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

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

### ~~FARMSTEAD WEED CONTROL~~

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

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

← REPLACE CURRENT "FARMSTEAD WEED CONTROL" SECTION WITH REVISED "FARMSTEAD WEED CONTROL" SECTION (ATTACHED).

130

2/50

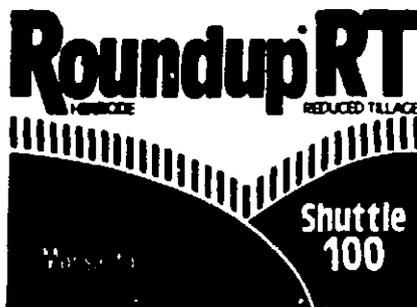
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**FARMSTEAD WEED CONTROL**

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

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



For control of annual and perennial weeds in reduced tillage systems.

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

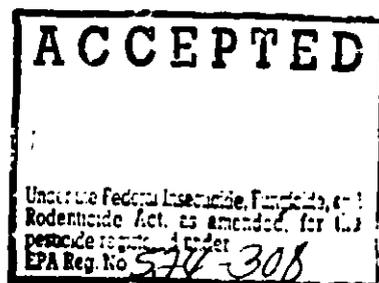
EPA Reg. No. 524-308

**Complete Directions for Use**

Roundup® is a registered trademark of Monsanto Company.

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B-897.15-000.08/53



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ADDITIVES

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SURFACTANTS

Nonionic surfactants which have at least 80 percent active ingredient and are labeled for use with herbicides may be used. Do not reduce rates of this herbicide when adding surfactant. When adding additional surfactant or when label instructions require the use of additional surfactant, use 0.5 percent surfactant concentration (2 quarts per 100 gallons of spray solution) ~~when using surfactants which contain at least 50 percent active ingredient or a 1 percent surfactant concentration (4 quarts per 100 gallons of spray solution) when using surfactants which contain at least 50 percent active ingredient or a 1 percent surfactant concentration (4 quarts per 100 gallons of spray solution) for those surfactants containing less than 50 percent active ingredient.~~ Read and carefully observe surfactant cautionary statements and other information appearing on the surfactant label.

4/2

ROUNDUP RT, page 22:

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FALLOW AND  
REDUCED TILLAGE SYSTEMS

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Use this product in fallow and reduced tillage systems for control of annual weeds prior to emergence of crops listed in this label. Refer to the "WEEDS CONTROLLED" section of this label for specific rates and instructions. This product may be applied using ground or aerial spray equipment. See the "APPLICATION EQUIPMENT AND TECHNIQUES" section of this label for instructions.

TANK MIXTURES

ROUNDUP® RT plus BANVEL

ROUNDUP RT plus 2,4-D AMINE

ROUNDUP RT plus ATRAZINE or BLADEX

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

7130  
ROUNDUP RT, page 23:

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

8/3

ROUNDUP RT, page 24:

Apply 12 to 16 ounces of this product plus 0.25 pound a.i. of Banvel, or 0.5 pound a.e. of 2,4-D amine—plus 0.5 to 1 percent nonionic surfactant by total spray volume per acre to control dense populations of the following annual broadleaf weeds when less than 6 inches in height:

1130  
ROUNDUP RT, page 27:

To control kochia, lambsquarters, mustard, pigweed and Russian thistle, apply 16 ounces of this product plus 0.25 pound a.i. of Banvel or 0.5 pounds a.e. of 2,4-D amine plus nonionic surfactant per acre.

Apply 20 ounces of this product per acre plus nonionic surfactant to control barnyardgrass, sandbur, and witchgrass. The addition of 0.25 pound a.i. of Banvel or 0.5 pound a.e. of 2,4-D amine plus nonionic surfactant to 20 ounces of this product will control prickly lettuce.

1-130  
ROUNDUP RT, page 31:

#### TANK MIXTURES

When applied as directed under the conditions described, Roundup RT this product plus Banvel or 2,4-D amine will SUPPRESS or CONTROL the following perennial broadleaf weed:

Bindweed, field  
*Convolvulus arvensis*

For suppression, apply 16 ounces of this product plus 0.5 lb a.e. of 2,4-D amine or 0.25 lb a.i. of Banvel, plus 0.5 to 1 percent nonionic surfactant by total spray volume in 3 to 10 gallons of water per acre for ground applications and 3 to 5 gallons of water per acre for aerial applications.

11/20  
ROUNDUP RT, pages 17-21:

RECOMMENDED RATES AND WEEDS CONTROLLED

ANNUAL WEED SPECIES	MAXIMUM HEIGHT/ GROWTH STAGE	RATE PER ACRE**
Foxtail <i>Setaria spp.</i>	12"	8 oz.
Barnyardgrass <i>Echinochloa crus-galli</i>	6"	12 oz.
Bluegrass, annual <i>Poa annua</i>		
Brome, downy* <i>Bromus tectorum</i>		
Chickweed, jagged <i>Holosteum umbellatum</i>		
Mustard, blue <i>Chorispora tenella</i>		
Mustard, tansy <i>Descurainia pinnata</i>		
Mustard, tumble <i>Sisymbrium altissimum</i>		
Mustard, wild <i>Sinapis arvensis</i>		
Barely <i>Hordeum vulgare</i>	12"	12 oz.
Rye <i>Secale cereale</i>		
Sandbur, field <i>Cenchrus spp.</i>		
Shattercane <i>Sorghum bicolor</i>		
Stinkgrass <i>Eragrostis cilianensis</i>		

12/20

Wheat 18" 12 oz.  
*Triticum aestivum*

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Morningglory 3" 16 oz.  
*Ipomea spp.*

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Bluegrass, bulbous 6" 16 oz.  
*Poa bulbous*

Cheat  
*Bromus secalinus*

Chickweed, mouseear  
*Cerastium vulgatum*

Corn, volunteer  
*Zea mays*

Groundsel, common  
*Senecio vulgaris*

Goatgrass, jointed  
*Aegilops cylindrica*

Horseweed/Marestail  
*Conyza canadensis*

Pennycress, field; Fanweed  
*Thlaspi arvense*

Rocket, London  
*Sisymbrium irio*

Ryegrass, Italian  
*Lolium multiflorum*

Sherpherdspurse  
*Capsella bursa-pastoris*

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Buttercup 12" 15 oz.  
*Ranunculus spp.*

Cocklebur  
*Xanthium strumarium*

Crabgrass  
*Digitaria spp.*

Dwarfdandelion  
*Krigia cespitos*  
 Falseflax, smallseed  
*Camelina microcarpa*  
 Foxtail, Carolina  
*Alopercurus carolinianus*  
 Johnsongrass, seedling  
*Sorghum halepense*  
 Lambsquarters, common  
*Chenopodium album*  
 Oats, wild  
*Avena fatua*  
 Panicum fall  
*Panicum dichotomiflorum*  
 Panicum, Texas  
*Panicum texanum*  
 Pigweed, redroot  
*Amaranthus retroflexus*  
 Witchgrass  
*Panicum capillare*

Signalgrass, broadleaf  
*Brachiaria platyphylla*

6"

24

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Barnyardgrass ..... Boot Stage ..... 20 to 24 oz.  
*Echinochloa crus-gallis*

Barley  
*Hordeum vulgare*

Brome, downy  
*Bromus tectorum*

Cheat  
*Bromus secalinus*

Corn, Volunteer  
*Zea mays*

Crabgrass  
*Digitaria spp.*

Foxtail  
*Setaria* spp.

Goatgrass, jointed  
*Aegilops cylindrica*

Oats  
*Avena fatua*

Panicum, fall  
*Panicum dichotomiflorum*

Rye  
*Secale cereale*

Sandbur, field  
*Cenchrus* spp.

Shattercane  
*Sorghum bicolor*

Stinkgrass  
*Eragrostis cilianensis*

Wheat  
*Triticum aestivum*

Witchgrass  
*Panicum capillare*

Cocklebur 24" 20 to 24 oz.  
*Xanthium strumarium*

Kochia  
*Kochia scoparia*

Lambsquarters, common  
*Chenopodium album*

Lettuce, prickly  
*Lactuca scariola*

Mustard, blue  
*Chorispora tenella*

Mustard, tansy  
*Descurainia pinnata*

~~Mustard, Spanish~~  
~~Sisymbrium altissimum~~

Mustard, wild  
Sinapis arvensis

Pennycress, field; Fanweed  
Thlaspi arvense

Pigweed, redroot  
Amaranthus retroflexus

Thistle, Russian  
Salsola kali

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Teaweed Sida spinosa	3"	32 oz.
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Eveningprimrose cutleaf Oenothera laciniata	12"	32oz.
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Geranium, Carolina  
Geranium carolinianum

Goosegrass  
Eleusine indica

Pusley, Florida  
Richardia scabra

Sicklepod  
Cassia obtusifolia

Spanishneedles  
Bidens bipinnata

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Filaree Erodium	12"	48 oz.
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\* For control in no-till systems, use 16 fluid ounces per acre.

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

of 2 percent dry ammonium sulfate by weight (or liquid equivalent) or 17 pounds per 100 gallons of water is recommended to increase the performance of this product plus atrazine or Bladex plus nonionic surfactant tank mixtures.

Consult the atrazine or Bladex labels (90 DF, 4L, 80W) for use rates, soil type, planting, cropping and other restrictions, as well as other precautionary statements and use according to the most restrictive label.

These tank mixtures may be applied with ground or aerial equipment. See the "APPLICATION EQUIPMENT AND TECHNIQUES" section for instructions.

For ground application, apply in 3 to 10 gallons of water per acre.

For aerial application, apply 3 to 5 gallons of water per acre.

\*Bladex is a trademark of E. I. duPont de Nemours and Company.

#### POSTHARVEST APPLICATIONS

This product will provide control of existing weeds following grain harvest. Weeds should be allowed to regrow after damage incurred during harvest operations, and to recover from environmental stress, before application of this product. Weeds should be treated prior to the heading stage of annual grasses and before broadleaf weeds exceed 24 inches in height. Nonionic surfactant should be added at 0.5 to 1 percent by total spray volume. Use of ammonium sulfate is recommended and may improve performance on annual weeds.

Apply 12 ounces of this product per acre plus nonionic surfactant to control downy brome, green foxtail, shik-grass and volunteer wheat.

To control Kochia, lambsquarters, mustard, pigweed and Russian thistle, apply 16 ounces of this product plus 0.25 pounds a.i. of Banvel or 0.5 pounds a.e. of 2,4-D amine plus nonionic surfactant per acre.

Apply 20 ounces of this product per acre plus nonionic surfactant to control barnyardgrass, sandbar, and witchgrass. Addition of 0.25 pound a.i. of Banvel or 0.5 pound a.e. of 2,4-D amine plus nonionic surfactant to 20 ounces of this product will control prickly lettuce.

#### AID TO TILLAGE

This product used in conjunction with preplant and conventional fallow tillage practices will provide control of downy brome, volunteer wheat, tansy mustard and foxtail.

Apply 8 fluid ounces per acre (1/2 pint) of this product plus 0.5 to 1 percent nonionic surfactant by total spray volume as a broadcast spray in 3 to 10 gallons of water per acre.

For ground application, apply in 3 to 10 gallons of water per acre. For aerial applications, apply in 3 to 5 gallons of water per acre. Do not mix with residual herbicides.

Application of this product should be made when weeds are actively growing and before weeds are greater than 6 inches tall. Application must be followed by conventional tillage practices before regrowth of the treated

INSERT "ECOFARMING SYSTEMS" SECTION.

1/2

**INSERT THE FOLLOWING SECTION:**

**ECOFARMING SYSTEMS**

The Ecofarming System consists of the following rotation:  
winter wheat, corn/sorghum, ecofallow.

Use the following tank mixtures for control of emerged annual weeds  
before planting corn or sorghum in the Ecofarming System.

ROUNDUP ® RT at 16 to 20 ounces per acre  
plus  
2,4-D at 0.375 to 0.5 pound a.i. per acre  
plus  
ATRAZINE at 0.75 to 1 pound a.i. per acre  
plus  
LASSO ® EC at 2.5 to 3 quarts per acre

The above tank mixture should be applied in 28-0-0 or 32-0-0 liquid  
fertilizer carrier at 20 to 30 gallons per acre. The liquid  
fertilizer may be diluted with water to achieve the proper carrier  
volume.

**WEEDS CONTROLLED** - The following weeds will be controlled up to a  
maximum height of 4 inches:

Brome, downy  
Bromus tectorum

Cheat  
Bromus secalinus

Foxtail, green  
Setaria viridis

Foxtail, yellow  
Setaria lutescens

Kochia\*  
Kochia scoparia

Lettuce, prickly  
Lactuca serriola

Figweed, redroot  
Amaranthus retroflexus

Thistle, Russian  
Salsola kali

Wheat, volunteer  
Triticum aestivum

\*For improved control of kochia, add 4 ounces per acre (0.125 pound  
a.i. per acre) of Banvel to the above tank mixture.

18/30

Risk of crop injury from 2,4-D or Banvel can be reduced by applying this treatment 7 to 14 days before planting.

Refer to the Lasso label for preemergence weed control achieved by this tank mixture.

Refer to the specific product labels for crop rotation restrictions and cautionary statements for all products used in these tank mixtures.

⊕ Lasso is a registered trademark of Monsanto Company.

11/26

plants occurs. Allow at least one day after application before tillage. Tillage must occur no later than 15 days following application.

This product does not provide residual weed control. Repeat treatments may be necessary to control subsequent germinating weeds.

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

**PERENNIAL WEEDS**

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

NOTE: If weeds have been mowed or tilled, do not treat until plants have resumed active growth and are at the recommended stages. Repeat treatments may be necessary to control weeds regenerating from underground parts or seed. Repeat treatments must be made prior to crop emergence.

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

When applied as recommended under the conditions described, this product will CONTROL the following perennial weeds:

<b>Affola</b>	<b>Quackgrass</b>
<i>Medicago sativa</i>	<i>Agropyron repens</i>
<b>Johnsongrass</b>	<b>Ryegrass, perennial</b>
<i>Sorghum halepense</i>	<i>Lolium perenne</i>
<b>Nightshade, silverleaf</b>	<b>Thistle, Canada</b>
<i>Solanum elaeagnifolium</i>	<i>Cirsium arvense</i>

**INSERT: Spurge, leafy  
Euphorbia esula**

**Johnsongrass/Ryegrass, perennial**—Apply 1 to 3 quarts of this product per acre. In annual cropping systems, apply 1 to 2 quarts of this product per acre. Apply 1 quart of this product plus 0.5 to 1 percent nonionic surfactant by total spray volume in 5 to 10 gallons of water per acre. Use 2 quarts of this product when applying 10 to 40 gallons of water per acre. In noncrop or areas where annual tillage (no-till) is not performed, apply 2 to 3 quarts of this product in 10 to 40 gallons of water per acre. For best results, apply to actively growing plants when most have reached the boot-to-head stage of growth. Allow 7 or more days after application before tillage. Do not tank-mix with residual herbicides when using the 1 quart per acre rate. See "DIRECTIONS FOR USE" and "MIXING, ADDITIVES AND APPLICATION INSTRUCTIONS" sections of this label for labeled uses and specific application instructions.

For burndown of contacted vegetation, apply 1 pint per acre plus 0.5 to 1 percent nonionic surfactant in 5 to 10 gallons of water per acre before the plants reach a height

of 12 inches. For this use, allow at least 3 days after treatment before tillage.

**Quackgrass—In Annual Cropping Systems, or in Pastures and Sods Followed by Deep Tillage:** Apply 1 to 2 quarts of this product per acre. For the one-quart rate, apply 0.5 to 1 percent nonionic surfactant by total spray volume in 5 to 10 gallons of water per acre. For the 2-quart rate, apply 1.0 to 4.0 gallons of water per acre. Do not tank-mix with residual herbicides when using the 1 quart rate. Spray when quackgrass is 8 to 12 inches high and actively growing. Do not till between harvest and fall applications or in the fall or spring prior to spring application. Allow 3 or more days after application before tillage. In pastures or sods, for best results, use a mold-board plow.

**Quackgrass—Pasture or Sod or Other Noncrop Areas Where Deep Tillage is Not Planned Following Application:** Apply 2 to 3 quarts in 10 to 40 gallons of water per acre. Spray when the quackgrass is greater than 5 inches tall and actively growing. Do not till between harvest and fall application or in the fall or spring prior to spring application. Allow 3 or more days after application before tillage.

See "DIRECTIONS FOR USE" and "MIXING, ADDITIVES AND APPLICATION INSTRUCTIONS" sections of this pamphlet for labeled uses and specific application instructions.

**Thistle, Canada—**Apply 2 to 3 quarts of this product per acre. Apply to actively growing thistles when most are at or beyond the bud stage of growth. After harvest, mow-

ing or tillage in the late summer or fall, allow at least 4 weeks for initiation of active growth and root development prior to the application of this product. Fall treatments must be applied before a killing frost. Allow 3 or more days after application before tillage. See "DIRECTIONS FOR USE" and "MIXING, ADDITIVES AND APPLICATION INSTRUCTIONS" sections of this pamphlet for labeled uses and specific application instructions.

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

See "DIRECTIONS FOR USE" and "MIXING, ADDITIVES, AND APPLICATION INSTRUCTIONS" sections of this pamphlet for labeled uses and specific application instructions.

#### TANK MIXTURES

When applied as directed under the conditions described, Roundup RT plus Banvel or 2,4-D amine will SUPPRESS or CONTROL the following perennial broad-leaf weed:

*Bimbrued, field*  
*Convolvulus arvensis*

For suppression, apply 16 ounces of this product plus 0.5 lb a.e. of 2,4-D amine or 0.25 lb a.i. of Banvel, plus 0.5 to 1 percent nonionic surfactant by total spray volume in 3 to 10 gallons of water per acre for ground applications and 3 to 5 gallons of water per acre for aerial

→ INSERT "SPURGE, LEAFY" SECTION.

**INSERT THE FOLLOWING SECTION:**

**Spurge, leafy** - For control, apply 16 ounces of this product plus 16 ounces of 2,4-D amine (0.5 pound a.i. per acre) plus 0.5 percent nonionic surfactant by total spray volume in 3 to 10 gallons of water per acre in the late summer or fall. Apply when plants are actively growing. If mowing has occurred prior to treatment, apply when most of the plants are 12 inches tall. Allow 7 or more days after application before tillage.

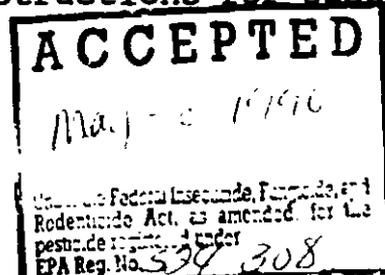
23130

**SUPPLEMENTAL LABELING**

READ AND FOLLOW THE ENTIRE LABELS FOR ROUNDUP® HERBICIDE, OUST™, AND 2,4-D AMINE BEFORE PROCEEDING WITH THE USE DIRECTIONS CONTAINED IN THIS SUPPLEMENTAL LABELING.

"Labels" as used in this supplemental labeling refers to the label booklet for Roundup herbicide, the label instructions for Oust and 2,4-D amine and this supplement.

**ROUNDUP  
HERBICIDE  
BY MONSANTO**



(EPA REG. NO. 524-308)

ROUNDUP HERBICIDE PLUS OUST AND 2,4-D AMINE FOR NONCROP AREAS, INCLUDING RAILROAD RIGHTS-OF-WAY, UTILITY SUBSTATIONS, AIRPORTS, INDUSTRIAL PLANTS, PIPELINES, ROADSIDES, STORAGE AREAS, AND SIMILAR SITES

Keep out of reach of children

**WARNING!**

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

Roundup® is a registered trademark of Monsanto Company.

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

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**DIRECTIONS FOR USE**

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

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

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When applied as directed, this tank mixture will control or partially control labeled annual and perennial weeds in noncrop areas.

Apply the recommended rate of Roundup plus 1 to 2 pints of 2,4-D amine and 2 to 4 ounces of Oust in 25 to 40 gallons of total spray solution per acre.

Use the higher rates of these mixtures when weed growth is heavy or dense.

Do not apply this tank mixture, drain or flush equipment on or near desirable trees or other plants, on areas where their roots may extend, or in locations where Oust or 2,4-D may be washed or moved into contact with their roots.

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

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

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MONSANTO COMPANY  
AGRICULTURAL PRODUCTS  
ST. LOUIS, MISSOURI 63167

MAP - 3116

24130



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

**This product has been approved for use in California except as stated otherwise on page 122.**

1990-3 8-897, 10, 005, 16/53

READ EACH OF THESE WARNINGS ON THIS LABEL AND PRODUCT PERFORMANCE INFORMATION.

**USE THESE CONVENIENT SECTION MARKERS.**



**ACCEPTED**  
MAY 2 1990  
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, this pesticide is registered under EPA Reg. No. 574-308

ROUNDUP® 12 oz./acre		ROUNDUP 16 oz./acre	
Wheat	18**	Annual grasses at	
Barley	12"	left plus	
Bluegrass		Ryegrass	
annual	6"	annual	6"
Barnyardgrass	6"	Chickweed	6"
Rye	6"	Groundsel	6"
		Marestail	6"
		Rocket London	6"
		Shepherdspurse	6"
		Leabgrass	12"
		ohnsongrass	
		seedling	12"
		Lambsquarters	12"
		ats. wild	12"
		igweed, redroot	12"
		mustards	12"

ROUNDUP 12 oz./acre		ROUNDUP 16 oz./acre	
+		+	
GOAL** 2 to 4 oz./acre		GOAL** 2 to 4 oz./acre	
Annual grasses above		Annual weeds above	
plus		plus	
Cheeseweed,		Cheeseweed,	
common	3"	common	6"
Chickweed	3"	Groundsel	6"
Groundsel	3"	Chickweed	12"
Rocket London	6"	Rocket London	12"
Shepherdspurse	6"	Shepherdspurse	12"

\*Maximum height or length in inches.

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

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

™Goal is a trademark of Rehm and Hess Company

#### AID TO TILLAGE

This product, when used in conjunction with preplant tillage practices, will provide control of downy brome, cheat, volunteer wheat, taney mustard and foxtail. Apply 8 fluid ounces of this product plus 0.5 to 1 percent non-ionic surfactant by total spray volume in 3 to 10 gallons of water per acre. Make applications when weeds are actively growing and before they are 6 inches in height. Application must be followed by conventional tillage practices no later than 15 days after treatment and before regrowth occurs. Allow at least 1 day after application before tillage. Tank mixtures with residual herbicides may result in reduced performance.

#### PASTURES

Apply this product prior to planting forage grasses and legumes.

Pasture or Hay Crop Resurrection—When applied as a broadcast spray, this product controls the annual and

INSERT "ECOFARMING SYSTEMS" SECTION.

INSERT THE FOLLOWING SECTION:

### ECOFARMING SYSTEMS

The Ecofarming System consists of the following rotation:  
winter wheat, corn/sorghum, ecofallow.

Use the following tank mixtures for control of emerged annual weeds before planting corn or sorghum in the Ecofarming System.

ROUNDUP ® at 16 to 20 ounces per acre  
plus  
2,4-D at 0.375 to 0.5 pound a.i. per acre  
plus  
ATRAZINE at 0.75 to 1 pound a.i. per acre  
plus  
LASSO ® EC at 2.5 to 3 quarts per acre

The above tank mixture should be applied in 28-0-0 or 32-0-0 liquid fertilizer carrier at 20 to 30 gallons per acre. The liquid fertilizer may be diluted with water to achieve the proper carrier volume.

WEEDS CONTROLLED - The following weeds will be controlled up to a maximum height of 4 inches:

Brome, downy  
*Bromus tectorum*

Cheat  
*Bromus secalinus*

Foxtail, green  
*Setaria viridis*

Foxtail, yellow  
*Setaria lutescens*

Kochia\*  
*Kochia scoparia*

Lettuce, prickly  
*Lactuca serriola*

Pigweed, redroot  
*Amaranthus retroflexus*

Thistle, Russian  
*Salsola kali*

Wheat, volunteer  
*Triticum aestivum*

\*For improved control of kochia, add 4 ounces per acre (0.125 pound a.i. per acre) of Banvel to the above tank mixture.

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Risk of crop injury from 2,4-D or Banvel can be reduced by applying this treatment 7 to 14 days before planting.

Refer to the Lasso label for preemergence weed control achieved by this tank mixture.

Refer to the specific product labels for crop rotation restrictions and cautionary statements for all products used in these tank mixtures

Ⓢ Lasso is a registered trademark of Monsanto Company.

<b>Canarygrass, reed</b> <i>Phalaris arundinacea</i>	<b>Pampas</b> <i>Cortaderia jubata</i>
<b>Cattail</b> <i>Typha spp</i>	<b>Paragrass</b> <i>Brachiaria mutica</i>
<b>Clover, red</b> <i>Trifolium pratense</i>	<b>Phragmites*</b> <i>Phragmites spp</i>
<b>Clover, white</b> <i>Trifolium repens</i>	<b>Quackgrass</b> <i>Agropyron repens</i>
<b>Cogongrass</b> <i>Imperata cylindrica</i>	<b>Reed, giant</b> <i>Arundo donax</i>
<b>Dallisgrass</b> <i>Paspalum dilatatum</i>	<b>Ryegrass, perennial</b> <i>Lolium perenne</i>
<b>Dandelion</b> <i>Taraxacum officinale</i>	<b>Smartweed, swamp</b> <i>Polygonum coccineum</i>
<b>Deck, curly</b> <i>Rumex crispus</i>	<b>Sweet potato, wild*</b> <i>Ipomoea pandurata</i>
<b>Dogbane, hemp</b> <i>Apocynum cannabinum</i>	<b>Thistle, Canada</b> <i>Cirsium arvense</i>
<b>Fescue</b> <i>Festuca spp</i>	<b>Timothy</b> <i>Phleum pratense</i>
<b>Fescue, tall</b> <i>Festuca arundinacea</i>	<b>Tripsodgrass*</b> <i>Panicum repens</i>
<b>Guineagrass</b> <i>Panicum maximum</i>	<b>Vaseygrass</b> <i>Paspalum urvillei</i>
<b>Horse-nettle</b> <i>Solanum carolinense</i>	<b>Wheatgrass, western</b> <i>Agropyron smithii</i>
*Partial Control	

**INSERT:** Spurge, leafy  
*Euphorbia esula*

and actively growing. Do not till between harvest and fall application or in fall or spring prior to spring application. Allow 3 or more days after application before tillage.

**Reed, giant**—For control of giant reed, apply a 2 percent solution of this product when plants are actively growing. Best results are obtained when applications are made in late summer to fall.

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

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

For suppression of Canada thistle, apply 1 quart per acre of this product plus 0.5 to 1 percent nonionic surfactant by total spray volume in 3 to 10 gallons of water per acre in the late summer or fall after harvest, mowing or tillage. Allow rosette regrowth to a minimum of 6 inches in diameter before treating. Applications can be made as long as leaves are still green and plants are actively growing at the time of application. Allow 3 or more days after application before tillage.

→ INSERT "SPURGE, LEAFY" SECTION.

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**INSERT THE FOLLOWING SECTION:**

**Spurge, leafy** - For control, apply 16 ounces of this product plus 16 ounces of 2,4-D amine (0.5 pound a.i. per acre) plus 0.5 percent nonionic surfactant by total spray volume in 3 to 10 gallons of water per acre in the late summer or fall. Apply when plants are actively growing. If mowing has occurred prior to treatment, apply when most of the plants are 12 inches tall. Allow 7 or more days after application before tillage.