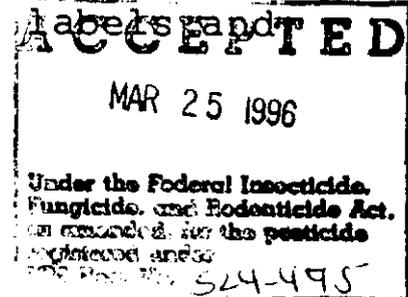


SUPPLEMENTAL LABELING

READ THE ENTIRE LABEL FOR ROUNDUP[®]-HERBICIDE BEFORE PROCEEDING WITH THE USE DIRECTIONS CONTAINED IN THIS SUPPLEMENTAL LABELING.

"Label" as used in this supplemental labeling refers to the label booklet for Roundup, container labels and this supplement.



ROUNDUP[®]
Herbicide by Monsanto

EPA Reg. No. 524-445

FOR SOYBEANS WITH THE ROUNDUP READY[™] GENE
OVER-THE-TOP APPLICATIONS

Keep out of reach of children.
WARNING! AVISO!

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

Roundup[®] is a registered trademark of Monsanto Company.

Directions for Use

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

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

See "GENERAL INFORMATION" and "MIXING, ADDITIVES AND APPLICATIONS INSTRUCTIONS" sections of the label booklet for Roundup herbicide for essential product performance information.

General Information

NOTE: THIS PRODUCT MAY BE USED ONLY OVER THE TOP OF IMPROVED SOYBEAN VARIETIES THAT ARE DESIGNATED AS SOYBEANS WITH THE ROUNDUP READY[™] GENE. SEVERE INJURY OR DEATH OF SOYBEANS WILL RESULT IF ANY SOYBEAN VARIETIES NOT DESIGNATED AS HAVING THE ROUNDUP READY GENE ARE SPRAYED WITH THIS PRODUCT. AVOID CONTACT WITH FOLIAGE, GREEN STEMS, OR FRUIT OF CROPS, OR ANY DESIRABLE PLANTS AND TREES, OTHER THAN SOYBEANS WITH THE ROUNDUP READY GENE, SINCE SEVERE INJURY OR DESTRUCTION WILL RESULT.

Application Instructions

This product may be applied postemergence to Soybeans with the Roundup Ready Gene from the cracking stage through the flowering stage. Single and repeat in-crop applications of this product are not to exceed 2 quarts per acre per growing season. Preharvest applications are not to exceed 1 quart per acre. For preharvest applications in soybeans, refer to the "PREHARVEST APPLICATIONS" section of the Roundup label booklet. Total Roundup use should not exceed 8 quarts per acre per year. Applications may be made following pre-plant, stale seedbed, or post-plant burndown applications of products containing Roundup, or on conventionally tilled seedbeds.

When applied as directed under the conditions described, this product will control labeled annual grasses and broadleaf weeds in soybeans with the Roundup Ready gene. Many perennial grass and broadleaf weeds will be controlled or suppressed with one or more applications of this product.

Applications should be made to actively growing weeds before they reach the maximum size listed for each recommended rate in the "WEEDS CONTROLLED" section of this label. Refer to the "MIXING, ADDITIVES AND APPLICATION INSTRUCTIONS" of the label booklet for proper use instructions.

There are no rotational crop restrictions following applications of this product.

ATTENTION: AVOID DRIFT. EXTREME CARE MUST BE USED WHEN APPLYING THIS PRODUCT TO PREVENT INJURY TO DESIRABLE PLANTS AND CROPS OTHER THAN SOYBEANS WITH THE ROUNDUP READY™ GENE. Do not allow the herbicide solution to mist, drip, drift or splash onto other 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 injury occurring from drift of this product is greatest when winds are gusty or in excess of 5 miles per hour. Even under lesser wind velocities, avoid conditions which allow spray drift to occur such as combinations of pressure and nozzle type that will result in fine particles (mist) which are likely to drift. **AVOID APPLYING AT EXCESSIVE SPEED OR SPRAY PRESSURE.**

For ground applications: Use the recommended rates of this product in 5 to 20 gallons of spray solution per acre as a broadcast spray. See "WEEDS CONTROLLED" section of this label for specific recommended rates. Carefully select proper nozzle to avoid spraying a fine mist. For best results with ground application equipment, use flat fan nozzles. Check for even distribution of spray droplets.

For aerial applications: Use the recommended rates of this product in 3 to 15 gallons of spray solution per acre. Do not

exceed 1 quart per acre. See "WEEDS CONTROLLED" section on this label. AVOID DRIFT - DO NOT APPLY DURING INVERSION CONDITIONS, WHEN WINDS ARE GUSTY OR UNDER ANY OTHER CONDITIONS WHICH FAVOR 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 spray droplets. Do not angle nozzles forward into the airstream and do not increase spray volume by increasing nozzle pressure.

WEEDS CONTROLLED

APPLICATION RATES - ANNUAL WEEDS:

Rate per acre: 12 fluid ounces

<u>WEED</u>	<u>WEED HEIGHT (INCHES)</u>
Foxtail	Up to 18

Rate per acre: 16 fluid ounces

<u>WEED</u>	<u>WEED HEIGHT (INCHES)</u>
Barley	Up to 18
Rye	Up to 18
Wheat	Up to 18
Chickweed	Up to 12
Cocklebur	Up to 12
Corn, volunteer	Up to 12
Crabgrass	Up to 12
* Mustard	Up to 12
Pigweed sp.	Up to 12
Seedling Johnsongrass	Up to 12
Shattercane	Up to 12
Sunflower	Up to 12
Witchgrass	Up to 8
Field Pennycress	Up to 6
Groundcherry	Up to 6
Lambsquarters	Up to 6
Panicum, fall	Up to 6
Panicum, Texas	Up to 6
Shepherdspurse	Up to 6
Sprangletop	Up to 6
Woolly cupgrass	Up to 6
** Kochia	3 to 6
Barnyardgrass	Up to 3
Broadleaf signalgrass	Up to 3
Fleabane, Rough	Up to 3
Goosegrass	Up to 3
Horseweed/marestail	Up to 3

Smartweed, Pennsylvania	Up to 3
Velvetleaf	Up to 3
Junglerice	Up to 3
Sicklepod	Up to 2

- * Do not treat mustard after flowering
- ** Do not treat Kochia in button stage (1-2" tall)

Rate per acre: 24 fluid ounces

<u>WEED</u>	<u>WEED HEIGHT (INCHES)</u>
Chickweed	12 to 18
Cocklebur	12 to 18
Mustard	12 to 18
Pigweed	12 to 18
Shattercane	12 to 18
Sunflower	12 to 18
Crabgrass	12 to 18
Witchgrass	9 to 12
Field Pennycress	6 to 12
Groundcherry	6 to 12
Kochia	6 to 12
Lambsquarters	6 to 12
Panicum, fall	6 to 12
Shepherdspurse	6 to 12
Sprangletop	6 to 12
Woolly cupgrass	6 to 12
Goosegrass	3 to 6
Barnyardgrass	3 to 6
Broadleaf signalgrass	3 to 6
Fleabane, Rough	3 to 6
Horseweed/Marestail	3 to 6
Junglerice	3 to 6
Pennsylvania Smartweed	3 to 6
Velvetleaf	3 to 6
Sicklepod	3 TO 4
Black Nightshade	Up to 6
Ragweed, common	Up to 6
Ragweed, giant	Up to 6
Red rice	Up to 3
Hemp sesbania	Up to 2
Morningglory sp.	Up to 2
Prickly sida, Teaweed	Up to 2

Rate per acre: 32 fluid ounces

<u>WEED</u>	<u>WEED HEIGHT (INCHES)</u>
Groundcherry	12 to 18
Horseweed/Marestail	12 to 18
Lambsquarters	12 to 18
Panicum, fall	12 to 18
Sprangletop	12 to 18

Goosegrass	8 to 12
Black nightshade	6 to 12
Fleabane, Rough	6 to 12
Ragweed, common	6 to 12
Ragweed, giant	6 to 12
Velvetleaf	6 to 12
Pennsylvania smartweed	6 to 9
Broadleaf signalgrass	6 to 8
Junglerice	6 to 8
Henbit	Up to 6
Sicklepod	4 to 6
Red rice	4 to 5
Hemp sesbania	3 to 4
Morningglory sp.	3 to 4
Prickly sida, Teaweed	3 to 4

Rate per acre: 48 fluid ounces

<u>WEED</u>	<u>WEED HEIGHT (INCHES)</u>
Hemp sesbania	5 to 9
Morningglory sp.	5 to 9
Prickly sida, Teaweed	4 to 6

NOTE:

Non-ionic Surfactant: Use 0.5 percent surfactant concentration (2 quarts per 100 gallons of spray solution) when using surfactants which contain at least 70 percent active ingredient or a 1 percent surfactant concentration (4 quarts per 100 gallons of spray solution) for those surfactants containing less than 70 percent active ingredient.

Ammonium Sulfate: This additive may improve performance of Roundup Herbicide under environmental stress conditions. Ammonium sulfate is most effective under cool conditions or under mild moisture stress conditions when weeds are not growing as rapidly. Refer to the "ADDITIVES" section of the label booklet for use instructions for ammonium sulfate.

Sequential Applications: Some weeds with multiple germination times or suppressed (stunted) weeds may require a second application of this product. The second application should be made after some regrowth has occurred.

APPLICATION RATES - PERENNIAL WEEDS:

Roundup at 16 to 64 oz per acre (single or sequential applications) will control or burndown the following perennial weeds: Canada thistle, common milkweed, field bindweed, hemp dogbane, nutsedge, quackgrass, rhizome johnsongrass, tall fescue, trumpet creeper, swamp smartweed, and wirestem muhly. For some perennial species, repeat applications may be required to eliminate crop competition throughout the growing season.