

ACCEPTED

JUN 19 1996

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 524-445

SUPPLEMENTAL LABELING

READ AND FOLLOW 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 herbicide and this supplement.

ROUNDUP
HERBICIDE BY MONSANTO

EPA Reg. No. 524-445

ROUNDUP HERBICIDE FOR CONTROL OR SUPPRESSION OF *BROMUS* SPECIES AND MEDUSAHEAD RYE FOUND IN INDUSTRIAL, RANGELAND AND PASTURE SITES IN COLORADO, IDAHO, IOWA, KANSAS, MONTANA, NEBRASKA, NORTH DAKOTA, OREGON, SOUTH DAKOTA, UTAH, WASHINGTON AND WYOMING.

Keep out of reach of children.

CAUTION!

In case of 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 the labeling.

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

When applied as directed in this label, there are no grazing restrictions.

APPLICATION EQUIPMENT AND TECHNIQUES

Applications may be made using ground or aerial equipment. Aerial applications for these uses may be made using fixed wing or helicopter equipment. For aerial applications, apply in 2 to 10 gallons of water per acre. For applications using ground equipment, apply in 10 to 20 gallons of water per acre.

2/11

Mix 0.5 to 1.0 percent nonionic surfactant (2 to 4 quarts per 100 gallons of spray solution) with the spray solution. The surfactant should be at least 80 percent active ingredient.

BROMUS SPECIES

This product may be used to treat downy brome (*Bromus tectorum*), Japanese brome (*Bromus japonicus*), soft chess (*Bromus mollis*) and cheatgrass (*Bromus secalinus*) found in industrial, rangeland and pasture sites. Apply 8 to 16 fluid ounces of product per acre on a broadcast basis.

For best results, treatment should coincide with early seedhead emergence of the most mature plants. Delaying the application until this growth stage will maximize the emergence of other weedy grass flushes. Applications should be made to the same site each year until seed banks are depleted and the desirable perennial grasses are able to become reestablished on the site.

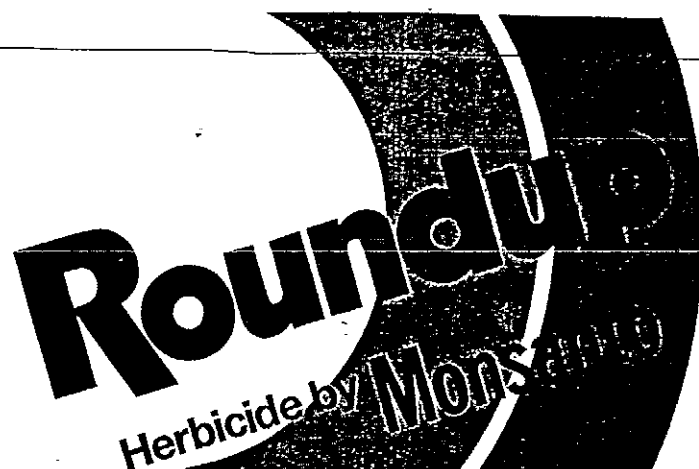
MEDUSAHEAD RYE

To treat medusahead rye, apply 16 fluid ounces of this product per acre as soon as plants are actively growing, and prior to seedhead emergence. Applications may be made in the fall or spring.

Read the "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



Water soluble herbicide for nonselective control of annual and perennial weeds.

AVOID CONTACT WITH LEAFAGE,

GREEN STEMS, EXPOSED NON-WOODY ROOTS OR FRUIT OF CROPS, DESIRABLE PLANTS AND TREES, SINCE SEVERE INJURY OR DESTRUCTION MAY RESULT.

Carefully follow detailed instructions in label booklet.

Read the entire label before using this product.

Use only according to label instructions.

Read "LIMIT OF WARRANTY AND LIABILITY", which appears in the label booklet, before buying or using. If terms are not acceptable, return at once unopened.

The contents of this container may not be REFORMULATED, nor, except in accordance with the Monsanto Repackaging Agreement, REPACKAGED.

PRECAUTIONARY STATEMENTS

Hazards to Human and Domestic Animals

Keep out of reach of children.

WARNING! AVISO!

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

CAUSES SUBSTANTIAL BUT TEMPORARY EYE INJURY.

HARMFUL IF SWALLOWED OR INHALED.

Do not get in eyes or on clothing.

Avoid breathing vapor or spray mist.

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

IF INHALED, remove individual to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

IF SWALLOWED, this product will cause gastrointestinal tract irritation. Immediately dilute by swallowing water or milk. Get medical attention. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

Personal Protective Equipment

Applicators and other handlers must wear long-sleeved shirt and long pants,

shoes plus socks, and protective eyewear. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations:

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean 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 using only stainless steel, aluminum, fiberglass, plastic or 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. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulations.

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

Non-Agricultural Use Requirements

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

Keep people and pets off treated areas until spray solution has dried.

Storage and Disposal

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

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

Emptied container retains vapor and product residue. Observe all labeled safeguards until container is destroyed.

Do not reuse this container, except for refill in accordance with a valid Monsanto Repackaging or Toll Repackaging Agreement. If not refilled or returned to an authorized repackaging facility, 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.

ACTIVE INGREDIENT:

*Glyphosate, N-(phosphonomethyl)glycine,	41.0%
in the form of its isopropylamine salt.....	59.0%
INERT INGREDIENTS:.....	100.0%

*Contains 480 grams per litre or 4 pounds per U.S. gallon of the active ingredient glyphosate, in the form of its isopropylamine salt. Equivalent to 356 grams per litre or 3 pounds per U.S. gallon of the acid, glyphosate.

This product is protected by U.S. Patent No. 4,405,531. Other patents pending. No license granted under any non-U.S. patent(s).

For more product information,
call toll-free 1-800-332-3111.

*Roundup is a registered trademark of Monsanto Company.

EPA Reg. No. 524-445

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

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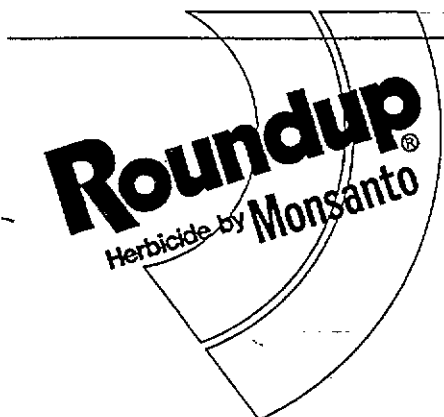
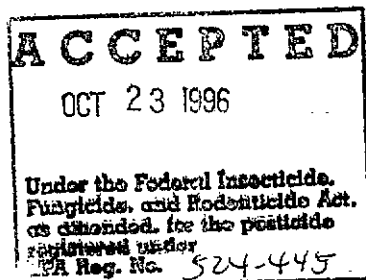
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SUPPLEMENTAL LABELING

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.



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EPA Reg. No. 524-445

FOR POSTEMERGENCE APPLICATIONS TO SOYBEANS WITH THE ROUNDUP READY® GENE

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® and Roundup Ready® Gene are registered trademarks of Monsanto Company.
Roundup Ready™ is a 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 APPLICATION INSTRUCTIONS" sections of the label booklet for Roundup® herbicide for essential product performance information.

NOTE: Do not feed or graze treated soybean forage.

General Information

FOR POSTEMERGENCE APPLICATION ONLY ON SOYBEAN VARIETIES WHICH HAVE THE ROUNDUP READY® GENE.

•Applying this product to soybean varieties which are not designated as Roundup Ready™ will result in severe crop injury and yield loss. Avoid contact with foliage, green stems, or fruit of crops, or any desirable plants which do not contain the Roundup Ready gene, since severe injury or destruction will result.

•Roundup Ready varieties must be purchased from an authorized seed supplier. Crop safety and weed control performance are not warranted by Monsanto when this product is used in conjunction with "brown bag" or "bin run" soybean seed saved from previous year's production and replanted.

•The Roundup Ready designation indicates that the soybean contains a patented gene which provides tolerance to Monsanto's Roundup brand herbicides. Information on Roundup Ready soybeans may be obtained from your seed supplier or Monsanto representative.

Application Instructions

This product may be applied postemergence to Roundup Ready Soybeans from the cracking stage through the full flowering stage.

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

Maximum Allowable Yearly Rates

- | | |
|--|------------|
| 1. Combined total per year for all applications | 8 quarts/A |
| 2. Preplant, Preemergence applications | 5 quarts/A |
| 3. Total of single or multiple in-crop applications from cracking to flowering | 2 quarts/A |
| 4. Maximum preharvest application rate | 1 quart/A |

When applied as directed, this product will control labeled annual grasses and broadleaf weeds in Roundup Ready Soybeans. Many perennial grasses and broadleaf weeds will be controlled or suppressed with one or more applications of this product.

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

For ground applications: Use the recommended rates of this product in 5 to 20 gallons of spray solution per acre as a broadcast spray. Carefully select proper nozzle and spray pressure 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 of this product per acre. DO NOT APPLY DURING LOW-LEVEL 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.

AERIAL APPLICATIONS ON ROUNDUP READY SOYBEANS, MAY BE MADE ONLY IN THE FOLLOWING STATES: ALABAMA, ARKANSAS, FLORIDA, GEORGIA, LOUISIANA, MISSISSIPPI, MISSOURI (BOOTHEEL ONLY), NORTH CAROLINA, SOUTH CAROLINA, TENNESSEE AND TEXAS.

ANNUAL WEED RATE TABLES

The following rate recommendations will provide control of labeled grasses and broadleaf weeds in conventional and no-till soybean production systems. Refer to the label booklet for rate recommendations for specific annual weeds.

Tank mixtures with other herbicides are not recommended due to potential for crop injury and/or weed antagonism and to rotational crop restrictions of the tank mix partner.

This product may be used up to 64 fluid ounces per acre for control of annual weeds, where heavy weed densities exist.

NOTE: In no-till and stale seedbed systems, always burn down existing weeds before soybeans emerge. Apply a pre-plant burndown treatment of 16-48 fluid ounces per acre of this product.

MIDWEST RECOMMENDATIONS

Narrow row or drilled soybeans: A single in-crop application of this product will provide effective control of labeled weeds.

Weed Height (inches)	Rate (fl oz/A)
0-6	24
6-12	32
12-18	48

Under adverse growing conditions such as drought, hail, wind damage or a poor soybean stand that slows or delays canopy closure, a sequential application of this product at 16-24 fluid ounces per acre may be necessary to control late flushes of weeds.

Wide row soybeans: A single in-crop application of this product will provide effective control of initial stand of labeled weeds. If new flushes of weeds occur, they can be controlled by sequential applications of this product.

Initial Treatment

Weed Height (inches)	Rate (fl oz/A)
0-6	24
6-12	32
12-18	48

Sequential Application*

Weed Height (inches)	Rate (fl oz/A)
0-3	16
3-6	24

Total application not to exceed 64 fluid ounces per acre.

For morningglory, black nightshade, groundcherry apply:

Weed Height (inches)	Rate (fl oz/A)
0-3	24
3-6	32
6-12	48

Giant ragweed: Apply 32 fl oz/A when the weed is 8-12" tall to avoid the need for sequential application.

Some weeds, such as black nightshade, woolly cupgrass, shattercane, wild proso millet, and giant ragweed, with multiple germination times may require a sequential application of this product. Suppressed or stunted weeds may also require sequential applications. Sequential applications should

be made after some regrowth has occurred. Use a minimum of 16 fluid ounces of this product per acre for sequential applications. The combined total of all in-crop postemergence treatments (not including preharvest) must not exceed 64 fluid ounces per acre.

MID-ATLANTIC/SOUTHEAST RECOMMENDATIONS

Narrow row or drilled soybeans: A single in-crop application of this product will provide effective control of labeled weeds.

Weed Height (inches)	Rate (fl oz/A)
0-6	24
6-12	32
12-18	48

Under adverse growing conditions such as drought, hail, wind damage or a poor soybean stand that slows or delays canopy closure, a sequential application of this product at 16-24 fluid ounces per acre may be necessary to control late flushes of weeds.

Wide row soybeans: A single in-crop application of this product will provide effective control of initial stand of labeled weeds. If new flushes of weeds occur, they can be controlled by sequential applications of this product.

Initial Treatment

Weed Height (inches)	Rate (fl oz/A)
0-6	24
6-12	32
12-18	48

Sequential Application*

Weed Height (inches)	Rate (fl oz/A)
0-3	16
3-6	24

*Total application not to exceed 64 fluid ounces per acre.

Hemp sesbania: Apply 24 fl oz/A at 0-2" tall; 32 fl oz/A at 2-4" tall; 40 fl oz/A at 4-6" tall; 48 fl oz/A at 6-8" tall.

For morningglory, black nightshade, groundcherry apply:

Weed Height (inches)	Rate (fl oz/A)
0-3	24
3-6	32
6-12	48

Some weeds, such as black nightshade, broadleaf signalgrass, Texas panicum and sicklepod, with multiple germination times may require a sequential application of this product. Suppressed or stunted weeds may also require sequential applications. Sequential applications should be made after some regrowth has occurred. Use a minimum of 16 fluid ounces of this product per acre for sequential applications. The combined total of all in-crop post-emergence treatments (not including preharvest) must not exceed 64 fluid ounces per acre.

DELTA/MID-SOUTH RECOMMENDATIONS

Narrow row or drilled soybeans: An in-crop application of this product will provide effective control of initial stand of labeled

weeds. A sequential application will be required to control new flushes of weeds.

Wide row soybeans: An in-crop application of this product will provide effective control of initial stand of labeled weeds. A sequential application will be required to control new flushes of weeds. Cultivation, as needed, may be necessary to control late flushes of weeds.

Initial Treatment

Weed Height (inches)	Rate (fl oz/A)
0-3	24
3-6	32
6-12	48

Sequential Application*

Weed Height (inches)	Rate (fl oz/A)
0-3	16
3-6	24

*Total application not to exceed 64 fluid ounces per acre.

Hemp sesbania: Apply 24 fl oz/A at 0-2" tall; 32 fl oz/A at 2-4" tall; 40 fl oz/A at 4-6" tall; 48 fl oz/A at 6-8" tall.

PERENNIAL WEEDS RATE RECOMMENDATIONS

A 32 to 64 fluid ounces per acre rate (single or sequential applications) of this product will control or suppress perennial weeds such as: bermudagrass, Canada thistle, common milkweed, field bindweed, hemp dogbane, horsenettle, nutsedge, quackgrass, rhizome johnsongrass, redvine, trumpet creeper, swamp smartweed, and wirestem muhly. For additional information on perennial weeds, see the "PERENNIAL WEED RATE TABLE" of the label booklet for Roundup. For some perennial species, repeat application may be required to eliminate crop competition throughout the growing season.

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: Ammonium sulfate may be mixed with this product for applications to Roundup Ready Soybeans. Refer to the "ADDITIVES" section of the label booklet for use instructions for ammonium sulfate.

Read the "Limit of Warranty and Liability" in the label booklet for Roundup herbicide before using. These terms apply to this supplemental labeling and if these terms are not acceptable, return the product unopened at once.

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MONSANTO COMPANY
ST. LOUIS, MISSOURI 63167

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SUPPLEMENTAL LABELING

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WITH THE USE DIRECTIONS CONTAINED IN THIS SUPPLEMENTAL LABELING.

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OCT 23 1996

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Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 524-445

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

Roundup Herbicide

EPA Reg. No. 524-445

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FOR POSTEMERGENCE APPLICATIONS TO SOYBEAN VARIETIES WITH THEROUNDUP READY® GENE

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® and Roundup Ready® Gene are registered trademarks of Monsanto Company.
Roundup Ready™ is a 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 APPLICATION INSTRUCTIONS" sections of the label booklet for Roundup® herbicide for essential product performance information.

NOTE: Do not feed or graze treated soybean forage.

General InformationFOR POSTEMERGENCE APPLICATION ONLY ON SOYBEAN VARIETIES WHICH HAVE THE ROUNDUP READY® GENE.

- Applying this product to soybean varieties which are not designated as Roundup Ready™ will result in severe crop injury and yield loss. Avoid contact with foliage, green stems, or fruit of crops, or any desirable plants which do not contain the Roundup Ready gene, since severe injury or destruction will result.
- Roundup Ready varieties must be purchased from an authorized seed supplier. Crop safety and weed control performance are not warranted by Monsanto when this product is used in conjunction with "brown bag" or "bin run" soybean seed saved from previous year's production and replanted.
- The Roundup Ready designation indicates that the soybean contains a patented gene which provides tolerance to Monsanto's Roundup brand herbicides. Information on Roundup Ready soybeans may be obtained from your seed supplier or Monsanto representative.

Application Instructions

This product may be applied postemergence to Roundup Ready soybeans from the cracking stage through the full flowering stage.
Allow a minimum of 14 days between application and harvest of soybeans.

Maximum Allowable Yearly Rates

- **Preplant:** Maximum amount of this product which can be applied prior to crop emergence is 5 quarts/A.
- **In-crop:** Maximum combined total of single or multiple in-crop applications from cracking to flowering is 3 quarts/A and the maximum rate for any single in-crop application is 2 quarts/A.
- **Preharvest:** Maximum amount of this product that can be applied after loss of green color in soybean pods until 14 days before harvest is 1 quart/A. The combined total of preharvest and in-crop applications may not exceed 3 quarts/A.
- **Cropping Season:** Combined total per year for all applications may not exceed 8 quarts/A.

Maximum Allowable Yearly Rates

1. Combined total per year for all applications	8 quarts/A
2. Preplant, Preemergence applications	5 quarts/A
3. Total of single or multiple in-crop applications from cracking to flowering	2 quarts/A
4. Maximum preharvest application rate	1 quart/A

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

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

For ground applications: Use the recommended rates of this product in 5 to 20 gallons of spray solution per acre as a broadcast spray. Carefully select proper nozzle and spray pressure to avoid spraying a fine mist. For best results with ground application equipment, use nozzles which provide a flat fan pattern~~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 of this product per acre. DO NOT APPLY DURING LOW LEVEL 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.

AERIAL APPLICATIONS ON ROUNDUP READY SOYBEANS, MAY BE MADE ONLY IN THE FOLLOWING STATES: ALABAMA, ARKANSAS, FLORIDA, GEORGIA, KANSAS, LOUISIANA, MISSISSIPPI, MISSOURI (BOOT-HEEL ONLY), NORTH CAROLINA, OKLAHOMA, SOUTH CAROLINA, TENNESSEE AND TEXAS.

ANNUAL WEED RATE TABLES

The following rate recommendations will provide control of labeled grasses and broadleaf weeds in conventional and no-till soybean production systems. Refer to the label booklet for rate recommendations for specific annual weeds.

Tank mixtures with other herbicides are not recommended due to potential for crop injury and/or weed antagonism and to rotational crop restrictions of the tank mix partner.

This product may be used up to 6464 fluid ounces per acre in any single application for control of annual weeds, where heavy weed densities exist.

NOTE: In no-till and stale seedbed systems, always burn down existing weeds before soybeans emerge.

Apply a preplant burn-down treatment of 16-6448 fluid ounces per acre of this product.

MIDWEST RECOMMENDATIONS

Narrow row or drilled soybeans: A single in-crop application of this product will provide effective control of labeled weeds.

Weed Height (inches)	Rate (fl oz/A)
3-6	24
6-12	32
12-18	48

Under adverse growing conditions such as drought, hail, wind damage or a poor soybean stand that slows or delays canopy closure, a sequential application of this product at 16-3224 fluid ounces per acre may be necessary to control late flushes of weeds.

Wide row soybeans: A single in-crop application of this product will provide effective control of initial stand of labeled weeds. If new flushes of weeds occur, they can be controlled by sequential applications of this product.

Initial Treatment

Weed Height (inches)	Rate (fl oz/A)
3-6	24
6-12	32
12-18	48

Sequential Application*

Weed Height (inches)	Rate (fl oz/A)
1-3	16
3-6	24
6-12	32

*Combined Total application in-crop not to exceed 9664 fluid ounces per acre.

For morningglory, black nightshade, groundcherry, and Pennsylvania smartweed apply:

Weed Height (inches)	Rate (fl oz/A)
1-3	24
3-6	32
6-12	48

Giant ragweed: Apply 32 fl oz/A when the weed is 8-12" tall to avoid the need for sequential application.

Some weeds, such as black nightshade, woolly cupgrass, shattercane, wild proso millet, burcucumber, and giant ragweed, with multiple germination times may require a sequential application of this product. Suppressed or stunted weeds may also require sequential applications. Sequential applications should be made after some regrowth has occurred. Use a minimum of 16 fluid ounces of this product per acre for sequential applications. The combined total of all in-crop postemergence treatments (not including preharvest) must not exceed 9664 fluid ounces per acre.

MID-ATLANTIC/SOUTHEAST RECOMMENDATIONS

Narrow row or drilled soybeans: A single in-crop application of this product will provide effective control of labeled weeds.

Weed Height (inches)	Rate (fl oz/A)
3-6	24
6-12	32
12-18	48

Under adverse growing conditions such as drought, hail, wind damage or a poor soybean stand that slows or delays canopy closure, a sequential application of this product at 16-32 fl oz/A may be necessary to control late flushes of weeds.

Wide row soybeans: A single in-crop application of this product will provide effective control of initial stand of labeled weeds. If new flushes of weeds occur, they can be controlled by sequential applications of this product.

<u>Initial Treatment</u>	
Weed Height (inches)	Rate (fl oz/A)
3-6	24
6-12	32
12-18	48

<u>Sequential Application*</u>	
Weed Height (inches)	Rate (fl oz/A)
1-3	16
3-6	24
6-12	32

*Combined Total application not to exceed 9664 fluid ounces per acre.

Hemp sesbania: Apply 24 fl oz/A at 0-2" tall; 32 fl oz/A at 2-4" tall; 40 fl oz/A at 4-6" tall; 48 fl oz/A at 6-8" tall.

For morningglory, black nightshade, groundcherry, and Pennsylvania smartweed apply:

Weed Height (inches)	Rate (fl oz/A)
10-3	24
3-6	32
6-12	48

Some weeds, such as black nightshade, broadleaf signalgrass, Texas panicum, burcumber, and sicklepod, with multiple germination times may require a sequential application of this product. Suppressed or stunted weeds may also require sequential applications. Sequential applications should be made after some regrowth has occurred. Use a minimum of 16 fluid ounces of this product per acre for sequential applications. The combined total of all in-crop postemergence treatments ~~(not including preharvest)~~ must not exceed 9664 fluid ounces per acre.

DELTA/MID-SOUTH RECOMMENDATIONS

Narrow row or drilled soybeans: An in-crop application of this product will provide effective control of initial stand of labeled weeds. A sequential application will be required to control new flushes of weeds.

Wide row soybeans: An in-crop application of this product will provide effective control of initial stand of labeled weeds. A sequential application will be required to control new flushes of weeds. ~~Cultivation, as needed, may be necessary to control late flushes of weeds.~~

Initial Treatment

Weed Height (inches)	Rate (fl oz/A)
10-3	24
3-6	32
6-12	48

Sequential Application*

Weed Height (inches)	Rate (fl oz/A)
10-3	16
3-6	24
6-12	32

*Combined tTotal application in-crop not to exceed 9664 fluid ounces per acre.

Hemp sesbania: Apply 24 fl oz/A at 0-2" tall; 32 fl oz/A at 2-4" tall; 40 fl oz/A at 4-6" tall; 48 fl oz/A at 6-8" tall.

PERENNIAL WEEDS RATE RECOMMENDATIONS

A 32 to 64 fluid ounces per acre rate (single or sequential applications) of this product will control or suppress perennial weeds such as: bermudagrass, Canada thistle, common milkweed, field bindweed, hemp dogbane, horsenettle, nutsedge, quackgrass, rhizome johnsongrass, redvine, trumpetcreeper, swamp smartweed, and wirestem muhly. For additional information on perennial weeds, see the

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"PERENNIAL WEED RATE TABLE" of the label booklet for Roundup. For some perennial species, repeat application may be required to eliminate crop competition throughout the growing season.

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: Ammonium sulfate may be mixed with this product for applications to Roundup Ready soybeans. Refer to the "ADDITIVES" section of the label booklet for use instructions for ammonium sulfate.

Read the "Limit of Warranty and Liability" in the label booklet for Roundup herbicide before using. These terms apply to this supplemental labeling and if these terms are not acceptable, return the product unopened at once.

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