

# EUP 29	Date 7/14/77	Product Name Roundup	Use Classification	Toxic Catego
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RECOMMENDATION: ☐ register ☒ other (explain)

Petitioner seeks extension of the EUP to use total of 705 gallons of Roundup in coming year CB (various memos of Mr. Don Duffy, June, 1977, in glyphosate PP's, e.g., No. 7GL893, 6/29/77 finds 0.2-0.4 ppm N-nitrosoglyphosate (NNG) are present in Roundup. Petitioner has made no assessment of possible hazard to workers who will use Roundup in proposed program. DATA

TB is unable to recommend for the requested EUP, pending such information. Petitioner is asked to address this question.

TECH	FORMULATION	USE DILUTION	ACCEP ABL
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Toxic signs:

Comments:

Acute Dermal (Rabbit)	LD50			
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Toxic signs:

Comments:

Acute Inhalation ()	LC50			
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Toxic signs:

Comments:

Primary Eye Irritation (Rabbit) Draize score:			////
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Comments:

Primary Skin Irritation (Rabbit) Draize score:			////
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Comments:

Other Studies:



HERBICIDE BY

Monsanto

For experimental use only on IRRIGATION SYSTEMS, DRAINAGE SYSTEMS AND SMALL WATER IMPOUNDMENTS such as Farm Ponds.

EPA Experimental Use Permit No. 524-EUP-29

Not for sale to any person other than a participant or cooperator of the EPA approved Experimental Use Program

Water soluble herbicide for evaluation of non-selective weed control. AVOID CONTACT WITH FOLIAGE, GREEN STEMS OR FRUIT OF CROPS, DESIRABLE PLANTS AND TREES, SINCE SEVERE INJURY OR DESTRUCTION MAY RESULT.

CAUTIONARY STATEMENTS

Hazard to Humans

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Hazard to children.

Precaution

Allowed

Do not use on skin or on clothing.

In case of contact, immediately flush with water for at least 15 minutes.

Flush skin with water. Wash clothes.

In case of an emergency involving this product, call Collect, day or night, (314) 634-1020

Read the entire label

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

ACTIVE INGREDIENT:

Glyphosate (isopropylamine salt of Glyphosate) 41.0%

INERT INGREDIENTS: 59.0%

100.0%

Contains 480 grams per liter or 4 pounds of the active ingredient isopropylamine salt of (4-aminophenyl) glycolic acid per U.S. gallon. Equivalent to 350 grams per liter or 3 pounds per U.S. gallon of the acid, glyphosate

NET 1 U.S. GAL.

MONSANTO COMPANY AGRICULTURAL PRODUCTS ST. LOUIS, MISSOURI 63166 EPA Est. 95361A1

Clean sprayer and parts immediately after using this product by thoroughly flushing with water. Do not contaminate water by disposal of wastes or cleaning of equipment.

MIXING AND APPLICATION INSTRUCTIONS

This herbicide mixes readily with water. NOTE: REDUCED RESULTS MAY OCCUR IF WATER CONTAINING SOIL IS USED, SUCH AS WATER FROM PONDS AND UNLINED DITCHES. For ground or industrial type sprayers fill the spray tank with one half the required amount of water. Add the proper amount of herbicide (See "Directions for Use" and "Weeds Controlled" sections of this label) and mix well before adding the remaining portion of water. Flushing the mixing hose below the surface of the liquid solution will prevent excessive foaming. Drawing hose from tank immediately will avoid drawing water source. Use of mechanical agitators may cause excessive foaming. By passing water through the bottom of the tank, for best pump operation, use 30 mesh marble and line screen.

When the concentration of Roundup in the spray will be less than 1 percent (1 gallon Roundup per 100 gallons of water) the addition of 1 quart of surfactant per 100 gallons of spray volume may improve performance.

For use in backpack sprayers it is suggested that the proper amount of Roundup be mixed with water in a larger container. Fill sprayer with the mixed solution.

APPLY IN PROPERLY MAINTAINED AND CALIBRATED EQUIPMENT CAPABLE OF DELIVERING DESIRED VOLUMES. DO NOT APPLY UNDER WIND OR OTHER CONDITIONS WHICH ALLOW DRIFT TO OCCUR. HAND GUN APPLICATIONS SHOULD BE PROPERLY DIRECTED TO AVOID SPRAYING DESIRABLE PLANTS.

Storage and Disposal: Store Roundup in a cool, dry place. Freezing may result in crystals which settle to the bottom of the can. If allowed to freeze, place in a warm room (72°F) and shake the can frequently for several days to redissolve. Avoid contamination of seed, feed and feedstuffs. Do not reuse container, destroy when empty.

LIMIT OF WARRANTY AND LIABILITY

This company warrants that it is a material conforming to the chemical description on the label and is not reasonably fit for the purposes referred to in the directions for use. NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY IS MADE. 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 shall be replacement of the quantity of this product purchased. The buyer and all users are deemed to have accepted the terms of this notice which may not be varied by any verbal or written agreement.

GENERAL INFORMATION

Roundup, a water soluble liquid, mixes readily with water to be applied as a foliage spray for the control or destruction of most herbaceous plants.

Roundup moves through the plant from the point of foliage contact to and into the root system. Visible effects on most annual weeds occur within 2 to 4 days but on most perennial weeds may not occur until 7 to 10 days. Extremely cool or cloudy weather at treatment time may slow down activity of this product and delay visible effects of control. Visible effects are a gradual wilting and yellowing of the foliage which leads to complete breaking of above ground growth and deterioration of underground plant parts.

WEEDS CONTROLLED

Roundup controls many annual and perennial grasses and broadleaf weeds.

CONTROL OF ANNUAL WEEDS

Apply 1 to 2½ quarts of this product in 10 to 100 gallons of water per acre to actively growing grasses and broadleaf weeds.

Annual weeds generally will continue to germinate from seed throughout the growing season. Repeat treatments may be necessary to control later germinating weeds.

CONTROL OF PERENNIAL WEEDS

Apply 2 to 6 quarts of this product in 10 to 100 gallons of water per acre. Apply when weeds are reached early bud or early bud stage.

NOTE: Repeat treatments may be necessary to control weeds regrowing from underground parts or seeds.

DIRECTIONS FOR USE

Consult Local State and Federal Agencies before applying this product to public waters. Farmers may be required to treat such waters.

For control of undesirable vegetation along water courses, drainage systems, shorelines of impoundments used for irrigation and small farm ponds.

SPRAYING INSTRUCTIONS: Apply this product at rates and volumes shown on the "Weeds Controlled" section of this label. Apply in a spray gun, pump sprayer, backpack sprayer, or hand gun, mounted on a truck, tractor or boat.

When spraying avoid combinations of pressure and nozzle type that will result in fine particles (mist) which are more likely to drift. Apply only while backing system to avoid drift. Do not concentrate the product in water. Spray only one side of the

Drift application will occur on the opposite side of the spray. The spray should be applied to the underside of the leaves. Do not spray directly at the plant to be controlled. Do not spray directly at the plant to be controlled. Do not spray directly at the plant to be controlled.

Do not use the higher rate of this product on crops when the recommended rate is used. Do not use on crops when the recommended rate is used. Do not use on crops when the recommended rate is used.

Do not apply within 48 hours after application. Do not apply within 48 hours after application. Do not apply within 48 hours after application.

ATTENTION

AVOID DRIFT. EXTREME CARE MUST BE TAKEN WHEN APPLYING THIS PRODUCT TO PREVENT DRIFTING DESIRABLE PLANTS AND CROPS. Do not spray mist to drift onto crops. Do not spray mist to drift onto crops. Do not spray mist to drift onto crops.

The use of EPA approved drift control may be useful in reducing drift hazards.

NOTE: Use of this product in any manner not consistent with this label may result in personal injuries or death, or other serious consequences. Keep container closed to prevent spills and contamination.

Do not use on or near water. Do not use on or near water. Do not use on or near water.

When breaking irrigation or drainage system, do not break treated water for 48 hours. Do not break treated water for 48 hours. Do not break treated water for 48 hours.

Do not spray cross stream with boom or hand gun. Do not spray cross stream with boom or hand gun. Do not spray cross stream with boom or hand gun.

Do not allow livestock to graze treated areas for 30 days after treatment.

Do not make direct contact with treated areas. Do not make direct contact with treated areas. Do not make direct contact with treated areas.

Do not use on or around food crops or other crops which are food.

Do not use on small ponds or other impounded water bodies with Roundup. Do not use on small ponds or other impounded water bodies with Roundup.

Do not use on areas where livestock are grazed. Do not use on areas where livestock are grazed. Do not use on areas where livestock are grazed.

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