

PESTICIDE APPLICATION REPORT

DATE OF APPLICATION: 6-19-19
 RESTRICTED ENTRY INTERVAL (REI): 24 hrs
 AREA TREATED: (DESCRIPTION, LOCATION, & SIZE OF AREA):

DO NOT ENTER
 UNTIL (DATE/TIME):
3:30 pm
6-20-19

lysimeter field Soybeans, C & 2 plots, South half
Soy's productivity, 2 plots starting from west in repl
 WEATHER CONDITIONS: South and East inside 30' Soy's

SUNNY MOSTLY SUNNY PARTLY CLOUD CLOUDY RAINY

Time (begin/end): 1:30 pm - 3:15 pm
 Air Temperature: 75-74 °F °C
 Relative Humidity (%): 77-78 Wind Velocity (mph): 2-4 3-5



JOB PERFORMED: FERTILIZE SPRAY OTHER _____
 CROP TREATED: CORN SOYBEANS WINTER WHEAT OTHER _____
 TIMING (of application): PREPLANT (BURNDOWN) PRE-EMERGE POST-EMERGE OTHER _____
 CARRIER USED: WATER OTHER _____ TOTAL AMT. CARRIER USED: _____
 TARGET PEST: BROADLEAF WEEDS GRASS WEEDS INSECTS FUNGUS OTHER _____

METHOD OF APPLICATION: (sprayer type)

AIR-BLAST BOOM SPRAYER CO₂ HAND SPRAYER OTHER _____

PRODUCT BRAND NAME	INGREDIENT	EPA Registration No. (CAS if applicable)	APPLICATION RATE (per acre)	APPLICATION CONCENTRATION	TOTAL AMOUNT APPLIED (per acre) (PRODUCT + CARRIER)
Ams	Ammonium Sulfate		3.4	3.4 lbs per 20 gallons	20
Roundup Powermax	Glyphosate	524-549	1 qt	1 qt per 20 gallons	20
Dual II Magnum	metolachlor	100-818	1.33 qt	1.33 qt per 20 gallons	20

Justin Muzo
 APPLICATOR'S NAME: (PRINTED)
Justin Muzo
 APPLICATOR'S SIGNATURE
Joe Simmers
 RESEARCH PROJECT LEADER:

269-744-0268
 APPLICATOR'S TELEPHONE NUMBER
00513011
 APPLICATOR'S CERTIFICATION NUMBER
 PROJECT LEADER'S TELEPHONE NUMBER:

ADDITIONAL COMMENTS/OBSERVATIONS:

White - FSC ORIGINAL
 Canary - Additional Copy
 Pink - Applicator's Copy

MICHIGAN STATE
 UNIVERSITY

Sale, use and distribution of this product in Nassau and Suffolk Counties in the State of New York is prohibited.

PULL HERE TO OPEN ►

GROUP 15 HERBICIDE



Dual II Magnum[®]



syngenta[®]

Herbicide

For weed control in beans, peas, and lentils; corn; cotton; grasses grown for seed; horseradish; peanuts; potatoes; pumpkin; rhubarb; safflowers; sweet, grain, or forage sorghum; soybeans; soybeans, immature seed; sugar beets; sunflowers; and tomatoes

Active Ingredient:

S-metolachlor (CAS No. 87392-12-9) 82.4%

Other Ingredients: 17.6%

Total: 100.0%

Dual II Magnum contains 7.64 lbs. of active ingredient per gallon.

Dual II Magnum is formulated as an emulsifiable concentrate (EC).

KEEP OUT OF REACH OF CHILDREN.

CAUTION

See additional precautionary statements and directions for use inside booklet.

EPA Reg. No. 100-818

EPA Est. 11773-IA-01

Product of Switzerland

Formulated in the USA

SCP 818A-L1S 0714

4041142

2.5 gallons

Net Contents

TM

ATTENTION:

This specimen label is provided for general information only.

- This pesticide product may not yet be available or approved for sale or use in your area.
- It is your responsibility to follow all Federal, state and local laws and regulations regarding the use of pesticides.
- Before using any pesticide, be sure the intended use is approved in your state or locality.
- Your state or locality may require additional precautions and instructions for use of this product that are not included here.
- Monsanto does not guarantee the completeness or accuracy of this specimen label. The information found in this label may differ from the information found on the product label. You must have the EPA approved labeling with you at the time of use and must read and follow all label directions.
- You should not base any use of a similar product on the precautions, instructions for use or other information you find here.
- Always follow the precautions and instructions for use on the label of the pesticide you are using.

63027R6-10



Specially formulated
for Roundup Ready® crops



Complete Directions for Use

Herbicide for Roundup Ready® Crops

Selective broad-spectrum weed control in Roundup Ready® crops

Non-selective, broad-spectrum weed control for many agricultural systems and farmsteads

Read the entire label before using this product. Use only according to label directions.

AVOID CONTACT OF THIS HERBICIDE WITH FOLIAGE, GREEN STEMS, EXPOSED NON-WOODY ROOTS OR FRUIT OF CROPS, DESIRABLE PLANTS AND TREES, EXCEPT AS DIRECTED FOR USE ON ROUNDUP READY® CROPS, AS SEVERE PLANT INJURY OR DESTRUCTION COULD RESULT.

THIS IS AN END-USE PRODUCT. MONSANTO COMPANY DOES NOT INTEND AND HAS NOT REGISTERED IT FOR REFORMULATION. SEE INDIVIDUAL CONTAINER LABEL FOR REPACKAGING LIMITATIONS.

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

Not all products listed on this label are registered for use in California. Check the registration status of each product in California before using.

1.0 INGREDIENTS

ACTIVE INGREDIENT:

*Glyphosate, N-(phosphonomethyl)glycine, in the form of its potassium salt 48.7%
OTHER INGREDIENTS:..... 51.3%
100.0%

*Contains 660 grams of the active ingredient glyphosate, in the form of its potassium salt, per liter or 5.5 pounds per U.S. gallon, which is equivalent to 540 grams of the acid, glyphosate, per liter or 4.5 pounds per U.S. gallon (39.8% by weight).

This product is protected by U.S. Patent No(s). 6,544,930 and 8,129,564. Other Patents Pending. No license granted under any non-U.S. patent(s).

2.0 IMPORTANT PHONE NUMBERS

1. FOR PRODUCT INFORMATION OR ASSISTANCE USING THIS PRODUCT, CALL TOLL-FREE,
1-800-332-3111

2. IN CASE OF AN EMERGENCY INVOLVING THIS HERBICIDE PRODUCT, OR FOR MEDICAL ASSISTANCE,
CALL COLLECT, DAY OR NIGHT, (314) 694-4000

3.0 PRECAUTIONARY STATEMENTS

3.1 Hazards to Humans and Domestic Animals

Keep out of reach of children

CAUTION

Causes moderate eye irritation

Avoid contact with eyes, skin, or clothing

FIRST AID

IF IN EYES

- Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.
- Remove contact lenses, if present, after the first 5 minutes then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15 to 20 minutes.
- Call a poison control center or doctor for treatment advice.

- Have the product container or label with you when calling a poison control center or doctor, or going for treatment.
- You can also call (314) 694-4000, collect, day or night, for emergency medical treatment information.
- This product is identified as Roundup PowerMAX Herbicide, EPA Registration No. 524-549.

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 could 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.

Personal Protective Equipment (PPE)

Some of the materials that are chemical-resistant to this product are listed below.

Mixers, Loaders, Other Handlers and Applicators, when handling this concentrated product or its application solutions of 30 percent concentration or greater, must wear: long-sleeved shirt and long pants, socks and shoes, and chemical-resistant gloves made of any waterproof material, such as polyethylene or polyvinyl chloride.

Applicators, when handling only spray solutions where concentration is 30 percent of this product or less, must wear: long-sleeved shirt and long pants, socks and shoes.

Follow manufacturer's instructions for cleaning/maintaining PPE (Personal Protective Equipment). If there are no 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.

IMPORTANT: When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "applicators and other handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment breakdown.

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.

3.2 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 cleaning equipment or disposing of equipment wash waters and rinsate.

3.3 Physical or Chemical Hazards

Spray solutions of this product may be mixed, stored and applied using stainless steel, 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 can form a highly combustible gas mixture. This gas mixture could flash or explode if ignited by open flame, spark, welder's torch, lighted cigarette or other ignition source and cause serious personal injury.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in any manner inconsistent with its labeling. This product may only be used in accordance with the Directions for Use on this label or in separately published supplemental labeling. Supplemental labeling for this product can be obtained from your Authorized Monsanto Retailer or Monsanto Company Representative.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.