Read the label before opening the container. For full particulars, see enclosed leaflet.

KEEP OUT OF REACH OF CHILDREN AND ANIMALS

RIMSULF

South Africa Reg. No: L11673 Act No. 36 of 1947

HRAC HERBICIDE GROUP CODE: B

RIMSULF is a water dispersible granular herbicide for post-emergent control of various annual weeds as listed in potatoes and tomatoes.

ACTIVE INGREDIENT:

Rimsulfuron (Sulfonyl urea).....250g/kg

Product Information: 072 678 8226
In case of poisoning: 082 446 8946

HAZARD STATEMENTS
- Very toxic to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS
- Avoid release to the environment.
- Collect spillage.



WARNING

enviro™ bio-chem

Registration holder: Enviro Crop Protection (Pty) Ltd
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Tel: +27 12 006 0063 | Fax: +27 86 541 7948
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Expiry Date:
Batch No:
Date of Manufacture:

UN No. 3077

WARNINGS:

- Very toxic to aquatic life with long lasting effects.
- Allow 30 days between harvest and last application of RIMSULF.
- Over exposure to the product may irritate eyes, skin and mucous membranes and may result in general malaise.
- Keep out of reach of children, animals and uninformed persons. Store in a cool, dry place. Store away from food and feeds. Should the recommended dosage rates be exceeded, damage to the crop may occur.
- When lengthy wet, cold conditions prevail soon after RIMSULF application, a yellowing of the leaves of plants, and in extreme cases, temporary stunting, may occur. Injury is more prevalent under poor drainage or compacted conditions or when soil is saturated for long periods of time. Crops will rapidly outgrow stunting once favorable growing conditions return.

Although this remedy has been extensively tested under a wide variety of conditions, the registration holder does not warrant that it will be effective under all conditions because the activity and effect thereof may be affected by factors such as abnormal soil, climatic and storage conditions, quality of dilution water, compatibility with other substances not indicated on the label and the occurrence of resistance of the weed against the remedy concerned as well as by the method, time and accuracy of application. The registration holder furthermore does not accept responsibility for damage to crops, vegetation, the environment or harm to man or animal or for lack of performance of the remedy concerned due to failure of the user to follow the label instruction or to the occurrence of conditions which could not have been foreseen in terms of the registration. Consult the supplier in the event of any uncertainty.

PRECAUTIONS:

- Obtain, read and follow all safety instructions before use.
- Avoid release to the environment.
- Collect spillage
- Store locked up.
- Avoid contamination of food, feed, drinking water and eating utensils
- For safety when mixing:
  - Do not inhale dust.
  - Wear eye protection (at least glasses).
  - Wear rubber gloves.
  - In the event of contact with eyes, wash with water immediately.
  - In the event of contact with skin, wash with water immediately.
  - In the event of contact with clothes, remove and wash.
- For safety when spraying:
  - Avoid contact with the spray as much as possible.
  - Avoid spray drift onto susceptible crops, grazing, rivers, dams and areas not under treatment.
- For safety after spraying:
  - Wash yourself.
  - Change and wash work clothes.
  - Clean applicator thoroughly after use using the following method:
    i. Drain tank completely then flush tank, boom and hoses with clean water. Drain again.
    ii. Fill the tank with clean water and add household ammonia (contains 3 % active) at the rate of 1 ℓ for every 100ℓ water. Drain completely.
    iii. To remove traces of ammonia, rinse the tank with clean water and flush through booms and hoses.
    iv. Repeat step (ii).
    v. Nozzles and filters must be removed and cleaned separately with ammonia solution at the same concentration as above.
    vi. Any contamination on the outside of the spraying equipment should be removed by washing with clean water.

- Do not spray, drain or flush equipment on or near desirable trees or plants or where their roots may extend.
- Triple rinse empty container in the following manner: Invert the empty container over the spray or mixing tank and allow to drain for at least 30 seconds after the flow has slowed down to a drip. Thereafter, rinse the empty container three times with a volume of water equal to a minimum of 10% of that of the container. Add the rinsings to the content of the spray tank. Empty containers should be taken for local recycling or waste disposal. Do not re-use empty containers.

RELEVANT SUBSTANCES

Rimsulfuron	40%
Morwet EFW	< 10%

FIRST AID TREATMENT:

IF INHALED: Remove person to fresh air and keep comfortable for breathing.
IF SWALLOWED: Seek medical advice immediately. Rinse mouth thoroughly.
IF ON SKIN: Wash with plenty of water and non-abrasive soap.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

RESISTANCE WARNING:

When herbicides with the same mode of action are used in the same land for several consecutive years, it is possible that a selection of naturally occurring resistant weed species may take place. These will propagate and become dominant. A weed species is resistant to a herbicide if it survives a treatment correctly carried out at the recommended dose and application timing.

If a weed species is resistant to one sulfonyl urea product, it can be expected that it will be resistant to all sulfonyl urea herbicides. Development of resistance can be avoided by alternating with product having a different mode of action but the same effect on the weed species.

USE RESTRICTIONS:

1. FOLLOW-UP CROPS
    - Potatoes and transplanted tomatoes may be planted immediately after application of **RIMSULF.**
    - Maize, tobacco and direct seeded tomatoes may not be planted within 3 months of application of **RIMSULF.**
    - In case of all other crops, areas treated with **RIMSULF** should not be planted within 12 months of application. A test planting is nevertheless recommended.
2. **RIMSULF** may have a short residual effect on germinating weeds, the control of which might be affected by factors such as weed species, soil pH, soil moisture and soil temperatures.
3. The efficacy of **RIMSULF** will be adversely affected if cool, dry conditions prevail after spraying.
4. Soils with exceptionally high clay content, high caution exchange capacity and exceptionally high organic matter may also adversely affect the efficacy of **RIMSULF.**
5. Prepare only sufficient spray for immediate use and under no circumstances should unused spray mixture be held overnight.
6. Do not spray **RIMSULF** onto the crop when it is growing under stress (stress can result from water logging, drought, disease, insect damage and mineral element deficiencies, especially nitrogen).
7. Use only water of which the quality is suitable for overhead irrigation. (Avoid water with a conductivity exceeding 1,0 mS/cm, a resistance of less than 300 ohm and pH higher than 8).
8. It is not recommended that **RIMSULF** be used on potatoes grown for the purpose of seed certification.

DIRECTIONS FOR USE: USE ONLY AS DIRECTED

Poisons Helpline: 0861 555 777

1. A dosage rate variation of up to 7,5 % can occur if the measuring cup provided is used to measure the required dosage rate. For total accuracy the dosage rates must be weighed out.
2. Apply **RIMSULF** after emergence of the weeds. **RIMSULF** can be applied pre- or post-emergence of potatoes. **RIMSULF** can be applied at any time on transplanted tomatoes but not before the 4 leaf stage in the case of direct seeded tomatoes.

3. Apply **RIMSULF** between the 3-6 leaf stage of the weeds.
4. **RIMSULF** is absorbed mainly through the leaves and should be applied on young actively growing weeds.
5. The addition of a surfactant is essential to improve the activity of **RIMSULF** under all conditions. Refer to application table for specific recommendation.
6. Rainfall or irrigation within 3 hours of **RIMSULF** application may result in decrease or loss of activity.

Mixing instructions:

- Mix the required amount of **RIMSULF** with a small amount of water to form a smooth creamy paste.
- Half-fill the spray tank with water.
- Add the pre-mixed product to the tank through a sieve. Top up to the required volume while agitating continuously.
- Add the required amount of surfactant to the spray mixture and wait until thoroughly mixed and ensure spray tank is filled to correct level before commencing application.

NOTE: Ensure that thorough agitation of the spray mixture is maintained at all times.

APPLICATION:

Apply by means of tractor mounted boom sprayer or knapsack sprayer which is correctly calibrated to deliver at least 200 ℓ spray mixture/ha at a constant speed and pressure (100-200 kPa) to ensure an even delivery. Avoid overlapping of swaths and close the nozzles during starting, slow movement, turning and stopping to prevent over-application.

CROP	DOSAGE RATE	REMARKS
POTATOES AND TOMATOES	**RIMSULF** 90g per ha + surfactant	Do not spray onto direct seeded tomatoes before the 4 leaf stage. Apply as a post-emergence spray to actively growing young weeds in the 3-6 leaf stage. Treat grasses before the tillering stage.

WEEDS CONTROLLED:

The following weeds are normally controlled by **RIMSULF**

BOTANICAL NAME	COMMON NAME
Amaranthus spp.	Pigweed
Convolvulus arvensis	Field bindweed
Emex australis	Spiny emex
Fumaria muralis	Drug fumitory
Raphanus raphanistrum	Wild radish
Schkurhia pinnata	Dwarf marigold
Sida rhombifolia	Teaweed, Paddy's lucerne
Spergula arvensis	Spurry
Stellaria media	Chick weed
Tribulus terrestris	Common dubbeltjie
Vicia sativa	Broadleaved Purple Vetch

BOTANICAL NAME	COMMON NAME
Avena fatua	Common wild oats
Panicum maximum	Common buffalo grass
Panicum schinzii	Vlei panicum
Tragus berteronianus	Small carrot seed grass