

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Rydazin

HERBICIDE

ACTIVE CONSTITUENT: 650 g/kg CHLORIDAZON

| | | |
|-------|----------|-----------|
| GROUP | 5 | HERBICIDE |
|-------|----------|-----------|

A pre-emergent herbicide for control of annual broad leaved weeds and various grasses in red beet, silver beet, fodder beet, baby leaf spinach, and baby leaf beet as per the Directions for Use table.

Distributed by:

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Rainbow
all about growing

Manufactured by:

**Shandong Weifang Rainbow
Chemical Co., Ltd.**

Binhai Economic Development Area
Weifang, Shandong 262737, China



An American Vanguard Company

Net Contents 5 kg

DIRECTIONS FOR USE

RESTRAINTS (apply to all use patterns)

DO NOT apply RYDAZIN to sandy soils with low organic matter as crop damage may result.

SPRAY DRIFT RESTRAINTS

Specific definitions for terms used in this section of the label can be found at apvma.gov.au/spraydrift

DO NOT allow bystanders to come into contact with the spray cloud.

DO NOT apply in a manner that may cause an unacceptable impact to native vegetation, agricultural crops, landscaped gardens and aquaculture production, or cause contamination of plant or livestock commodities, outside the application site from spray drift. The buffer zones in the relevant buffer zone table/s below provide guidance but may not be sufficient in all situations. Wherever possible, correctly use application equipment designed to reduce spray drift and apply when the wind direction is away from these sensitive areas.

DO NOT apply unless the wind speed is between 3 and 20 kilometres per hour at the application site during the time of application.

DO NOT apply if there are any hazardous surface temperature inversion conditions present at the application site during the time of application. Surface temperature conditions exist most evenings one to two hours before sunset and persist until one to two hours after sunrise.

DO NOT apply by a boom sprayer unless the following requirements are met:

- spray droplets not smaller than a MEDIUM spray droplet size category
- minimum distances between the application site and downwind sensitive areas (see 'Mandatory downwind buffer zones' section of the following table titled 'Buffer zones for boom sprayers') are observed.

Buffer zones for boom sprayers

| Application rate | Boom height above the target canopy | Mandatory downwind buffer zones (metres) | | | | |
|--------------------------|-------------------------------------|--|-----------------------|------------------|------------------|-----------------|
| | | Bystander areas | Natural aquatic areas | Pollinator areas | Vegetation areas | Livestock areas |
| Up to maximum label rate | 0.5 m or lower | 0 | 0 | 0 | 0 | 210 |
| | 1.0 m or lower | 10 | 20 | 0 | 15 | 350 |
| 4.5 kg/ha or lower | 0.5 m or lower | 0 | 0 | 0 | 0 | 75 |
| | 1.0 m or lower | 0 | 10 | 0 | 10 | 325 |

| CROP | WEEDS CONTROLLED | STATE | RATE PER HECTARE Medium to Heavy Soils | CRITICAL COMMENTS |
|--|--|--|---|--|
| Fodder beet, Red beet, Silver beet | Bitter cress, Blackberry night-shade, Black bindweed, Capeweed, Chamomile, Charlock, Chickweed, Common sowthistle, Cotula, Deadnettle, Docks, Dwarf nettle, Fat hen, Field poppy, Groundsel, Marshmallow, Mustard, Pale persicaria, Penny cress, Persicaria, Pig weed, Potato-weed, | NSW, Vic, Tas, SA, WA only | 4.5 to 6.5 kg | Apply at sowing, or as soon as possible after planting, but before crop emerges. |
| | | Qld only | 5.5 to 8.0 kg | Apply at sowing, or as soon as possible after planting, but before crop emerges. |
| Baby leaf spinach, Baby leaf beet | Scarlet pimpernel, Shepherd's purse, Sowthistle, Speedwell, Spurry, Stagger weed, Wild radish, Winter grass | Vic and Tas only | 4.5 kg | Apply after sowing of direct seeded crops, but before crop emergence. |

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.

WITHHOLDING PERIODS

NOT REQUIRED WHEN USED AS DIRECTED.

GENERAL INSTRUCTIONS

RYDAZIN acts mainly through the roots of weeds which die a few days after they break through the ground. RYDAZIN remains effective for several weeks after application. No chemical residues remain in the soil after the crop has been harvested.

Method of Application

Apply RYDAZIN the day of sowing or as soon as possible after planting, but before the crop emerges. If soil moisture is inadequate for proper beet germination, RYDAZIN will not give good weed control, in which case irrigate within 10 days. Irrigation after application however, should not exceed 35 mm per week, particularly during cold weather conditions.

RYDAZIN should be applied in a minimum of 110 to 220 litres of water per hectare.

Band treatment

The cost of chemical can be reduced by spraying a band 10 to 20 cm wide over the crop row. Charts to calculate the amount of RYDAZIN per hectare for band spraying are available on request.

Mixing

Partly fill the spray vat with water. Mix the required amount of RYDAZIN with a little water to form a cream before adding to water in the spray vat. Then top up to required quantity. Either mechanical or jet agitation is required in the tank for proper mixing. Continue agitation while spraying.

RESISTANT WEEDS WARNING

GROUP 5 HERBICIDE

RYDAZIN HERBICIDE is a member of the pyridazinone group of herbicides. RYDAZIN is a herbicide which inhibits photosynthesis at photosystem II. For weed resistance management RYDAZIN is a Group 5 herbicide. Some naturally-occurring weed biotypes resistant to RYDAZIN, and other herbicides, which inhibit photosynthesis at photosystem II, may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds will not be controlled by RYDAZIN or other Group 5 herbicides.

Since occurrence of resistant weeds is difficult to detect prior to use, Shandong Rainbow International Co Ltd accepts no liability for any losses that may result from the failure of RYDAZIN to control resistant weeds.

PRECAUTIONS

Re-Entry Periods

DO NOT enter treated areas for 10 days unless wearing cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate streams, rivers or watercourses with the chemical or used containers.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

In the case of crop failure, when the land must be replanted to another crop within 4 to 8 weeks after treatment, the following tolerant crops may be planted - potatoes, onion, maize, sorghum, safflower and sunflower. The following susceptible crops should not be planted until 4 to 8 weeks have elapsed following treatment with RYDAZIN - cucumbers, melons, tomatoes, snap beans, lima beans, lettuce, cabbages, grapes and carrots. Prior to replanting crops other than those already mentioned, consult your local Shandong Rainbow International Co Ltd representative.

STORAGE AND DISPOSAL

Keep out of reach of children. Store in the closed, original container in a dry, well-ventilated area, as cool as possible. Do not store for prolonged periods in direct sunlight.

Shake contents into spray tank until the container is empty. Do not dispose of undiluted chemicals on site.

Puncture or shred and deliver empty packaging for appropriate disposal to an approved waste management facility. If an approved waste management facility is not available bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant local, state or territory government regulations. Do not burn empty bags or product.

SAFETY DIRECTIONS

Will damage the eyes, may irritate the skin. May irritate the nose and throat. Repeated exposure may cause allergic disorders. Avoid contact with eyes and skin. Avoid inhaling dust.

When opening the container and preparing spray wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), elbow-length chemical resistant gloves and goggles. If applying by open cab wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and elbow-length chemical resistant gloves.

Wash hands after use. After each day's use, wash gloves, goggles and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26; New Zealand 0800 764 766.

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet (SDS) obtained from AgNova Technologies Pty Ltd.

EXCLUSION OF LIABILITY

This product must be used strictly as directed and in accordance with all instructions appearing on the label and in relevant AgNova Technologies Pty Ltd reference material. So far as it is lawfully able to do so, Shandong Rainbow International Co Ltd and AgNova Technologies Pty Ltd accept no liability or responsibility for loss or damage arising from failure to follow such directions and instructions.

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Additional statements as required by Safe Work Australia in accordance with the Globally Harmonised System of Classification and Labelling (GHS).

Harmful if swallowed. May cause an allergic skin reaction.
Causes serious eye damage. Very toxic to aquatic life with long lasting effects.

Wear protective gloves, protective clothing, eye protection and face protection. Avoid breathing dust/fumes. Wash all exposed external body areas thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid release to the environment. Contaminated work clothing should not be allowed out of the workplace. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE/doctor/physician/first aider. IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. Collect spillage. IF SWALLOWED: Call a POISON CENTRE/doctor/physician/first aider if you feel unwell. Rinse mouth. Dispose of contents/container to authorised hazardous or special waste collection point in accordance with any local regulation.

In a transport emergency dial 000, Police or Fire Brigade.
For specialist advice in an emergency only, call 1800 033 111 (24 hours).

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