

BEWARE: APPLY THIS PRODUCT CAREFULLY. SPRAY DRIFT MAY CAUSE SERIOUS DAMAGE TO OTHER DESIRABLE PLANTS.

DIRECTIONS FOR USE:

Mixing: Half fill the spray tank with water, then add the required amount of Sodio 50WG directly into the spray tank, with agitation operating. Add any other compatible crop protection agents required, and then add a vegetable oil surfactant at label rates last. Complete filling of the tank with agitation operating. Agitation must continue before and during spraying.

Surfactant: The addition of a vegetable oil based surfactant is critical for effective control.

Application: Apply using a crop sprayer which is capable of providing uniform coverage at a spray volume of 200 – 300 L/ha. Use spray pressures of at least 200 kPa and select nozzles which can produce fine spray droplets. Avoid overlapping.

Compatibility: Sodio 50WG can be tank mixed with Difflan 500SC and/or IPU to broaden the spectrum of broadleaf weed control if necessary. However, if grass weeds are being targeted, then reduced efficacy will occur, so **DO NOT** tank mix if this is the case.

Resistant Weeds Warning: Sodio 50WG is a member of the sulfonyl urea group of herbicides and inhibits ALS. Naturally occurring biotypes resistant to Sodio 50WG and other ALS herbicides are known to exist. These resistant weeds will not be controlled by Sodio 50WG or other ALS herbicides. To prevent or delay the development of resistant weeds use Sodio 50WG in tank mixes (if appropriate) and/or rotations with herbicides having different modes of action effective on the same weed species. Since the occurrence of resistant weeds is difficult to detect prior to use, Adria New Zealand Limited accepts no liability for any losses that may result from the failure of Sodio 50WG to control resistant weeds. For more information on resistance management strategies, refer to: http://resistance.nzpps.org/index.php?h=herbicides/mode_of_action

CRITICAL COMMENTS REGARDING USE: Sodio 50WG will control certain broadleaf and grass weeds in all winter and spring sown cereals, except oats. Sodio should be applied at a rate of 150 g/ha, in mixture with a vegetable oil-based surfactant at label rates. Apply at approximately the tillering stage of the crop, but before weeds have reached the maximum growth stage stipulated. Sodio must not be applied to crops other than wheat, durum wheat, barley, ryecorn and triticale.

CROP SAFETY: Sodio 50WG should not be applied to any crops which are under stress. Sodio 50WG can be applied to all commercial cereal cultivars up to the 2nd node growth stage. It is possible that minor chlorosis and/or stunting may occur, which are transient and temporary.

WEEDS CONTROLLED - (Sodio 50WG use rate of 150g/ha + a vegetable oil surfactant at label rates):

Broad-leaved dock (up to 8 leaf weed size), Annual poa (up to 2 tiller weed size), Californian thistle (10-15cm tall weed size), Forage tall fescue (up to 2 tiller weed size), Chickweed (up to 8 leaf weed size), Grazing phalaris (up to 2 tiller weed size), Cleavers (2-3 whorl weed size), Lesser canary grass (up to 2 tiller weed size), Fathen (up to 8 leaf weed size), Ryegrass – annual (up to 2 tiller weed size), Hawksbeard (up to 6 leaf weed size), Ryegrass-hybrid (up to 2 tiller weed size), Hedge mustard (up to 8 leaf weed size), Ryegrass – perennial (up to 2 tiller weed size), Henbit (up to 8 leaf weed size), Mouse-ear chickweed (up to 6 leaf weed size), Nipplewort (up to 6 leaf weed size), Oxtongue (up to 6 leaf weed size), Rayless chamomile (up to 8 leaf weed size), Red deadnettle (up to 8 leaf weed size), Shepherd's purse (up to 8 leaf weed size), Sow thistle (up to 8 leaf weed size), Sow thistle (up to 8 whorl weed size), Stinking mayweed (up to 6 leaf weed size), Twin cress (up to 8 leaf weed size), White clover (6-10 leaf weed size), Willow weed (up to 6 leaf weed size), Wireweed (up to 6 leaf weed size), Yarrow (6-8 leaf weed size), Yellow gromwell (up to 8 leaf weed size).

WEEDS NOT COMPLETELY CONTROLLED: Field pansy, Parsley piert, Speedwell, Staggerweed, Browntop, Cockstoot.

RESISTANT WEEDS: ALS resistant chickweed, Black nightshade, Brome spp.

Applications made to small and actively growing weeds will achieve the best results. Stressed weeds may only be suppressed.

Rainfall: Do not apply Sodio 50WG if rain is expected within 2 hours of spraying.

Undersown Crops: Do not apply to cereals undersown with grasses, clovers or any other susceptible crops.

Crop Rotations: Should a crop failure occur, the following re-cropping intervals should be observed before sowing these new crops:

- **Wheat, barley, maize:** Nil withholding
- **Peas, beans, oats:** 1 month
- **Ryegrass, kale, turnips:** 2 months
- **Clover and pasture mixes:** 3 months

These intervals may be reduced if there is thorough cultivation.

IT IS AN OFFENCE FOR USERS OF THIS PRODUCT TO CAUSE RESIDUES EXCEEDING THE RELEVANT MRL IN THE FOOD NOTICE: MAXIMUM RESIDUE LEVELS FOR AGRICULTURAL COMPOUNDS.

Withholding Periods: Silage/grazing: barley 28 days, other cereals (except barley) 56 days.

Sprayer Clean Up: Failure to properly clean chemical residues from spray equipment can result in injury to sensitive crops. Make sure that the following operation is carried out in an area that is clear of any water courses and/or desirable vegetation.

- 1) Drain sprayer, pump and lines completely and flush out with clean water.
- 2) Drain again.
- 3) Fill the spray tank with water and add 1 litre of chlorine bleach (3% sodium hypochlorite) per 100 litres of water, with agitation operating.
- 4) Flush some of the bleach solution through the pump, lines and nozzles. Allow the remainder to agitate in the spray tank for around 10 minutes.
- 5) Remove the nozzles and filters and leave to soak in a bleach solution of 500 mL per 10 L water while the tank cleaning is in progress.
- 6) Drain the spray tank and repeat the procedure of flushing with bleach solution.
- 7) Flush the spray tank and lines with clean water to remove any traces of bleach.
- 8) Double rinse the nozzles and filters in clean water.

Dispose of the surplus spray mix, rinseate and any spillage in accordance with the instructions given in NZS 8409: 1999



UN 3077. ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Iodosulfuron-methyl-sodium, mefenpyr-diethyl), Class: 9, Packaging group: III. Do not carry this product on a passenger service vehicle.

WARNING
KEEP OUT OF REACH OF CHILDREN

Sodio® 50WG

Selective post-emergence herbicide for the control of certain broad-leaved and grass weeds in autumn and spring sown wheat, durum wheat, triticale, ryecorn and barley.

Active Ingredient: Contains 50g/kg iodosulfuron-methyl-sodium and 150g/kg mefenpyr-diethyl (safener) in the form of a water dispersible granule.

GROUP B HERBICIDE

Registered pursuant to the ACVM Act 1997 No. P9523

See www.foodsafety.govt.nz for registration conditions

In a transport emergency dial 111, Police or Fire Brigade.

For specialist advice in an emergency only call:

0800 734 607 (24 Hours)



Net Contents: 600g



READ THIS LABEL COMPLETELY BEFORE USE.



Approved under the HSN0 Act 1996, HSR101313.
HSNO Classifications: 6.3B, 6.4A, 9.1A, 9.2B
Qualified Person/Contractor: Required.

WARNING: May cause skin and eye irritation.

PRECAUTIONS: Keep out of reach of children. Wear protective clothing such as impervious gloves, waterproof hat, coat and trousers when using. Avoid contact with skin or eyes. Avoid inhalation of product dust or spray mist. Wash hands and exposed skin after use and before meals.

STORAGE: Store in original container, tightly closed and in a locked, dry, cool, and well ventilated area away from foodstuffs. As a Class 9 Substance with Ecotoxicity Classifications, storage must be carried out in such a manner as to prevent contamination of waterways. It is recommended that The New Zealand Standard for the Management of Agrichemicals (NZS8409) is followed. See Safety Data Sheet for further information.

APPLICATION: The maximum application rate is 150g/ha per application, with a maximum application frequency of one per calendar year. This product must be applied using ground-based methods only. When this product is applied by boom sprayer, the boom height should be kept as low as practicable to avoid spray drift. Do not apply directly into or onto water.

CONTAINER DISPOSAL: Triple rinse container and add residue to spray tank.

Return empty container to an AgRecovery collection point for disposal.

SPILLS: Wear appropriate protective clothing and prevent material from entering waterways. Absorb spills with inert material and place in waste containers. Wash area with water and absorb with further inert material. Dispose of waste safely, according to local Council regulations.

ENVIRONMENTAL INFORMATION: Very toxic to the soil environment.

VERY TOXIC TO AQUATIC ORGANISMS WITH LONG-LASTING EFFECTS.

Avoid contamination of any water supply with chemical or empty container. A strategy to minimise spray drift should be employed at all times when applying spray near aquatic environments.



FIRST AID: If swallowed do NOT induce vomiting. For advice, contact the National Poisons Centre on 0800 POISON (0800 764766) or a doctor immediately.

Eye contamination: If product or spray enters eyes, wash out immediately and continue rinsing with clean water for at least 15 minutes. Obtain medical attention.

Skin contact: After contact with skin, wash immediately with soap and water. If skin irritation occurs, get medical advice/attention. If medical advice is needed, have product container or label at hand.

Notice to Buyer: Careful tests have proved that the product is suitable for the recommended purposes when used in accordance with our instructions. However, since storage and use of product are beyond our control, we do not therefore accept any liability for damage or loss of efficacy which may result from the use of this product, whether used in accordance with the directions or not. We are liable for a consistent quality of the product, but the risk of its storage and use is not borne by us.

Registered to and Distributed by: Adria New Zealand Limited.

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Batch number and manufacturing date: See on packaging

