

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.



About Sodio[®] 50WG:

Sodio[®] 50WG controls a broad spectrum of problematic grass and broadleaf weeds in cereals. As well as controlling Lesser canary grass, Annual poa and Ryegrass, Sodio 50WG also controls a range of broadleaf weeds, including Broadleaf dock, Chickweed, Stinking mayweed, Cleavers, Spurrey and Yarrow.

Active Ingredient: 50g/kg iodosulfuron-methyl-sodium

Chemical Group: Sulfonyl Urea – GROUP B

Formulation: Water dispersible granule

Pack Size: 600g

Directions for use:

Beware: Apply this product carefully. Spray drift may cause serious damage to other desirable plants.

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 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.

Sodio[®] 500WG offers broad spectrum weed control and flexibility.

- ✓ Control of problem weeds such as Annual poa, Ryegrass and Lesser canary grass
- ✓ Good crop safety
- ✓ Can be used on all cereal crops (except oats)
- ✓ Low use rate

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 Diffan 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.

Directions for use cont...

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), Spurrey (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, Cocksfoot.

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

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