

Invado®

A pre-emergence herbicide for the control of difficult-to-control grass and broadleaf weeds in autumn and winter sown wheat and barley.



Active Ingredient: 400g/litre flufenacet SC
Chemical Group: Oxyacetamide – GROUP K3
Formulation: Suspension concentrate
Pack Size: 5 litre

Invado® offers you greater flexibility and value:

- ✓ Excellent efficacy against vulpia hair grass, annual poa, field madder and other problem weeds.
- ✓ More flexible and targeted weed control approach compared with built-in co-formulations.
- ✓ Excellent crop safety in wheat and barley .
- ✓ Low cost per hectare.

About Invado®

Invado® is a highly effective pre-emergence herbicide that controls problematic weeds in wheat and barley such as vulpia hair grass, annual poa and field madder. It is compatible with a range of herbicides and offers a more flexible and targeted approach towards weed control in wheat and barley.

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

Directions for use:

Mixing: – Shake the container well before use. Half fill the spray tank with clean water and add the required amount of Invado and Diffflan 500SC. Wash out the container and add the washings to the spray solution, before topping up with clean water. Maintain continuous agitation of spray solution. Do not leave the sprayer filled with the spray solution standing for long periods. Wash out the sprayer thoroughly after use using a wetting agent or spray tank cleaner.

Application: – Apply through any standard crop sprayer capable of giving uniform coverage at a spray volume of 200 – 300L/ha. Use spray pressures of at least 200 kPa and select nozzles capable of producing fine spray droplets. Avoid overlaps. The seedbed should be moist, of good tilth, and free of clods and trash. Must be applied by ground-based methods only. The maximum application rate for Invado is 300mL/ha and it must not be applied more than once in a calendar year.

Directions for use cont...

Instructions for use: Apply Invado at 300ml/ha – in tank mixture with Diffan 500SC at 120ml/ha – in a single application pre-emergence of the weeds and up to GS21 of autumn and winter sown crops sown no later than 31st July.

Restrictions:

DO NOT treat undersown cereals.

DO NOT use on oats.

Avoid spraying during periods of prolonged or severe frosts as sharp or severe frosts following application may cause transitory discoloration or scorch from which the crop will normally recover.

DO NOT use on soils containing more than 10% organic matter.

DO NOT disturb the soil after application (e.g. by harrowing or rolling).

Weeds controlled: Applications should be made pre-emergence to all broadleaf and grass weeds. To obtain complete control of other weed species that may be present, tolerant or later germinating, as well as extend the residual activity, the application of an approved post-weed emergence herbicide may be necessary.

Broadleaf Weeds	Grass Weeds
Brassicas	Annual poa
Chickweed	Vulpia hair grass
Cleavers	
Field pansy	
Field madder	
Hedge mustard	Weeds not controlled
Mouse-ear chickweed	Canary grass
Rayless chamomile	Clover
Scentless chamomile	Cornbind
Seedling docks	Perennial ryegrass
Shepherd's purse	Wild oats
Sow thistle	
Speedwell	
Spurrey	
Storksbill	
Vetch	
Wireweed	

Established grasses and broadleaf weeds growing from rootstocks will not be controlled by Invado + Diffan 500SC. Speed of activity can be slow and is dependent on temperature and growing conditions. Activity can be slow under cool conditions and the final level of weed control may take some time to appear. Some soil moisture is required for Invado + Diffan 500SC to be activated. Moist soil at and after application is required to give the best results. Residual control may be reduced under prolonged dry conditions.

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Resistance management: Invado contains a Group K3 herbicide belonging to the oxyacetamide group of chemistry. Resistance to these herbicides could develop from excessive use. To minimise this risk use strictly in accordance with label instructions and resistance management strategies at: <http://resistance.nzpps.org/index.php?p=herbicides/introduction>

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 PERIOD:

Wheat and barley: Do not graze or feed crops to animals for 42 days after treatment.