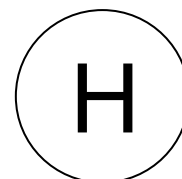


FRONT LABEL

**Sekator OD**



A foliar applied herbicide for post-emergence control of broad-leaved weeds in wheat, barley, rye and triticale.

MAPP 16494

An oil dispersion formulation containing 100 g/L amidosulfuron and 25 g/L iodosulfuron-methyl-sodium.

(Size and batch number)

The (COSHH) Control of Substances Hazardous to Health Regulations may apply to the use of this product at work.

Approval Holder

Bayer CropScience Ltd.  
230 Cambridge Science Park  
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CB4 0WB

Telephone: 01223 226500

Marketing Company

Interfarm (UK) Limited.  
Kingham's Place  
36 Newgate Street  
Doddington  
March  
Cambridgeshire  
PE15 0SR  
Telephone: 01354 741414

For 24 hour emergency information, Telephone: 0800 220876 or the National Poisons Information Service (NPIS), Telephone: 0870 600 6266

## SAFETY PRECAUTIONS

### Operator Protection

Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment:

Operators must wear suitable protective clothing (coveralls), suitable protective gloves and face protection (faceshield) when handling the concentrate.

Operators must wear suitable protective gloves when handling contaminated surfaces.

However engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.

IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY with plenty of water and seek medical advice.

WHEN USING DO NOT EAT, DRINK OR SMOKE.

WASH HANDS AND EXPOSED SKIN before meals and after work.

AVOID ALL CONTACT WITH SKIN AND EYES.

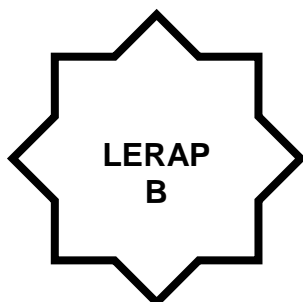
IF YOU FEEL UNWELL, seek medical advice immediately (show the label where possible).

WASH CONCENTRATE from skin or eyes immediately.

### Environmental Protection

Do not contaminate water with the product or its container. Do not clean application equipment near surface water. Avoid contamination via drains from farmyards and roads.

Extreme care must be taken to avoid spray drift onto non-crop plants outside of the target area.



This product qualifies for inclusion within the Local Environmental Risk Assessment for Pesticides (LERAP) scheme. Before each spraying operation from a horizontal boom sprayer either a LERAP must be carried out in accordance with CRD's published guidance or the statutory buffer zone must be maintained. The results of the LERAP must be recorded and kept available for three years.

DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5 m of the top of the bank of a static or flowing waterbody, unless a Local Environmental Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 1 m of the top of a ditch which is dry at the time of application.

DO NOT ALLOW DIRECT SPRAY from hand-held sprayers to fall within 1 m of the top of the bank of a static or flowing waterbody. Aim spray away from water.

### Storage and Disposal

KEEP OUT OF REACH OF CHILDREN.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

WASH OUT CONTAINER THOROUGHLY and dispose of safely.

BACK LABEL

**Sekator OD**

Contains 100 g/L amidosulfuron and 25 g/L iodosulfuron-methyl-sodium. Also contains mefenpyr-diethyl and solvent naphtha (petroleum), heavy aromatic, <1% naphthalene.



**Warning**

May cause an allergic skin reaction.  
Causes serious eye irritation.  
Very toxic to aquatic life with long lasting effects.  
Repeated exposure may cause skin dryness or cracking.

Wear protective gloves/protective clothing/eye protection/face protection.  
IF exposed or concerned: Call a POISON CENTRE or doctor/physician.  
Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.

To avoid risks to human health and the environment, comply with the instructions for use.

**IMPORTANT INFORMATION**

FOR USE ONLY AS AN AGRICULTURAL HERBICIDE

Crops:	Wheat, Barley, Rye, Triticale
Maximum individual dose:	0.15 L of product per hectare
Maximum number of treatments:	One per crop
Latest time of application:	Flag leaf ligule just visible stage (GS 39)
Other specific restriction:	This product must only be applied from 1 February in the year of harvest until the specified latest time of application.

**READ THE LABEL BEFORE USE. USING THIS PRODUCT IN A MANNER THAT IS INCONSISTENT WITH THE LABEL MAY BE AN OFFENCE. FOLLOW THE CODE OF PRACTICE FOR USING PLANT PROTECTION PRODUCTS.**

## INSIDE LEAFLET

### **DIRECTIONS FOR USE**

**IMPORTANT:** This information is approved as part of the Product Label. All instructions within this section must be read carefully in order to obtain safe and successful use of this product.

### **RESTRICTIONS**

Only the following “ALS inhibiting” herbicides can be applied to the same crop in sequence or tank mixture with Sekator OD: Atlantis WG, Hatra, Horus, Pacifica or Othello.

DO NOT apply to crops undersown or due to be undersown with grasses, clover or other legumes, or any other broad-leaved crop.

DO NOT roll or harrow within one week of spraying.

DO NOT spray crops under stress, suffering drought, waterlogged, grazed, lacking nutrients or if the soil is compacted.

DO NOT spray if rain is imminent.

DO NOT spray if frost is expected. If the leaves are wet or covered with ice, run off may occur. Broadcast crops should be sprayed post-emergence after the plants have a well established root system and all other conditions on the label and leaflet are met.

Store in a cool, dry, safe place designated as an agrochemical store, away from seeds and animal feeding stuffs.

### **WEEDS CONTROLLED**

For optimum results, apply Sekator OD during warm weather, when the soil is moist and the weeds actively growing. Dry conditions resulting in moisture stress may reduce effectiveness.

Sekator OD can be used on all soil types.

If present at application the following weeds will be controlled:

	<b>Maximum growth stage controlled at 0.15 L/ha</b>	<b>Maximum growth stage controlled at 0.1 L/ha</b>
<b>Broad-leaved weeds: Post-emergence control to stage stated below</b>		
Chickweed	8 leaf stage	6 leaf stage
Cleavers	4 whorls (<15 cm)	-
Common Field Speedwell	4 leaf stage	-
Fat hen	8 leaf stage	8 leaf stage
Field Pansy	4 leaf stage (MS)	-
Knotgrass	2 leaf stage	-
Mayweeds	flower bud stage	flower bud stage
Red Dead-nettle	6 leaf stage (MS)	-
Volunteer Oilseed rape	6 leaf stage	4 leaf stage
Charlock	4 leaf stage	-

MS = Moderately Susceptible

Kill of weeds with Sekator OD is slow, particularly under cool, dry conditions. Sometimes, the weeds may only be stunted but they will normally have little or no competitive effect on the crop.

### **CROP SPECIFIC INFORMATION**

For use on all commercially available varieties of; winter wheat, winter barley, spring wheat, spring barley, rye and triticale, including use on seed crops.

Apply Sekator OD after the 2-leaf stage of the crop (GS 12) up to flag leaf ligule just visible (GS 39).

Applications to spring barley may cause transient crop yellowing, however this should not affect yields.

Apply in spring (from 1 February) when the weeds are actively growing at an appropriate rate according to the susceptibility of the target weed (for optimal results, use application techniques which ensure good weed coverage and crop penetration) in 200-400 litres of water per hectare. Use up to 400 litres of water per hectare where crops are thick or weeds dense. Apply using a pressure of 2.5 – 3.0 bar and a spray quality of **MEDIUM** (BCPC category).

Qualified recommendation: Lower water volumes (100 L/ha) may also be used, however these have not been supported by effectiveness or crop safety data.

Because some non-target crops are sensitive to Sekator OD, extreme care is required to avoid drift on to plants outside the target area.

### **SEQUENCES & TANK MIXTURES**

Only one of the following “ALS inhibiting” herbicides can be applied to the same crop in sequence or tank mix with up to 0.15 L/ha Sekator OD: Atlantis WG, Hatra, Horus, Othello or with up to 0.1 L/ha Sekator OD: Pacifica (applied at up to 0.4 kg/ha).

These sequences and tank mixtures must only be applied in accordance with label recommendations for every product in the sequence or tank mixture. Aside from those listed above, do not use Sekator OD in any non-approved ALS sequence or tank mixture.

Only use permitted sequences and tank mixes in conjunction with a robust non-ALS inhibitor autumn herbicide programme, this is particularly important where both components are applied in the spring.

### **HERBICIDE RESISTANCE MANAGEMENT**

This product contains amidosulfuron and iodosulfuron-methyl-sodium which are ALS inhibitors, also classified by the Herbicide Resistance Action Committee as ‘Group B’. To reduce the risk of developing resistance or where resistance to sulfonylurea herbicides is suspected applications should be made to young, actively growing weeds.

As part of the Herbicide Resistance Management Strategy for Sekator OD, do not apply Sekator OD in sequence with Atlantis WG, Hatra, Horus, Pacifica or Othello for the control of common chickweed in order to avoid increased selection for herbicide resistant individuals. The use of cultural methods of control and herbicides with non-ALS modes of action within the cropping season and/or throughout the cropping rotation will help reduce the risk of developing resistance.

Always monitor effectiveness of weed control and investigate any patches of poor control. If unexplained, contact your agronomist, who may consider a resistance test appropriate.

### **FOLLOWING CROPS**

After an application of Sekator OD there are no restrictions on following cereal crops or crops sown in the spring of the following year.

In addition to cereals, winter oilseed rape and winter field beans may be sown in the same year as Sekator OD is applied and these must be preceded by ploughing or thorough cultivation. A minimum of three months must separate an application of Sekator OD and the drilling of winter oilseed rape.

When Sekator OD is applied in sequence or tank mix with Atlantis WG, Hatra, Horus, Pacifica or Othello, winter wheat, winter barley, spring wheat, spring barley and sugar beet can be sown as following crops in the normal rotation.

### **MIXING**

Add the recommended quantity of Sekator OD to the spray tank half-filled with the required quantity of clean water. Add the remainder of the water with the sprayer agitation system in

operation. Maintain agitation during mixing and loading and until spraying is complete. Do not leave the sprayer standing with chemical in it.

### **Sprayer hygiene**

It is important that the spray tank, boom, hoses, filters and nozzles are thoroughly washed out to remove all traces of Sekator OD immediately after spraying and before the sprayer is used on crops other than the cereals recommended on this label

Use either of the following procedures:-

(a) Bleach cleaning

1. Drain sprayer completely, then wash out tank boom and hoses with clean water. Drain again.
2. Half-fill tank with clean water and add chlorine bleach (i.e. bleach with 10% available chlorine) at a dilution rate of 2.5 litres of bleach per 1,000 litres of water. Complete filling the tank with water. Flush through boom and hoses then leave sprayer for 10 minutes with agitation on. Then drain completely.
3. Remove nozzles and filters and leave to soak in a bleach solution of 250 mL bleach per 10 litres of water whilst tank cleaning is in progress.
4. Flush the tank, boom and hoses with clean water.
5. Inspect tank to confirm no residues are present.

Ensure any spray contamination on the outside of the sprayer is removed by washing in clean water.

(b) Ammonia-based cleaning (e.g. All Clear Extra)

Follow manufacturers' recommendations for sulfonylurea herbicides.

DO NOT MIX any bleach or chlorinating agent with any ammonia-based cleaning agent as toxic gases may be liberated.

(Acknowledgements & Trademarks etc)