

Herbicide

Sekator® OD

For use only as an agricultural herbicide.

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

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

For Professional use only.

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+44 330 678 3382 (24 hr)
(charged as a standard international call to the UK)

**National Poisons Information Centre
Dublin: 01 809 2166**

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Safety information

SEKATOR® OD UFI: 3QN0-503Q-F009-85GX

100 g/L amidosulfuron and 25 g/L iodosulfuron-methyl-sodium. Also contains mefenpyr-diethyl and alcohols, C11-14-iso-, C13-rich, ethoxylated (6 EO), methylated

Danger

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.

Can cause very long-lasting and diffuse contamination of water resources.

Obtain special instructions before use.

Wear protective gloves/protective clothing/eye protection/face protection.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

If eye irritation persists: Get medical advice/attention
Avoid breathing dust/fume/gas/mist/vapours/spray
IF ON SKIN: Wash with plenty of water.

If skin irritation occurs: Get medical advice/attention.
Collect spillage.

Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for triple-rinsed empty 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.

PCS No. 07472



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 eye protection (goggles or face shield) when handling the concentrate.

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.

To protect aquatic organism/non-target plants do not apply on impermeable surfaces such as asphalt, concrete, cobblestones, railway tracks

and other situations with a high risk of run-off. Extreme care must be taken to avoid spray drift onto non-crop plants outside of the target area.

Storage and Disposal

KEEP OUT OF REACH OF CHILDREN.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.

WASH OUT CONTAINER THOROUGHLY by using an integrated pressure rinsing device or manually rinsing three times. Add washings to sprayer at time of filling and dispose of safely.

This material and its container must be disposed of in a safe way.

READ ALL INSTRUCTIONS CAREFULLY BEFORE USE

GROUP 2 HERBICIDE



Bayer

Crop	Max. single dose (L/ha)	Max. no. of applications	Max. total dose (L/ha)	Latest time of application
(Winter and spring) Wheat, barley, rye, triticale, Durum wheat, spelt	0.15	1 per crop	0.15	GS 32
Method of application: Tractor mounted/ trailed horizontal boom sprayer.				
Other specific restrictions: May only be applied from 1 st February in year of harvest when crop has reached at least GS 13				

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

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:

	Maximum growth stage controlled at 0.15 L/ha	Maximum growth stage controlled at 0.1 L/ha
Broad-leaved weeds: Post-emergence control to stage stated below		
Common chickweed	S to 8 leaf stage	S to 6 leaf stage
Cleavers	S to 4 whorl stage	-
Common field speedwell	S to 4 leaf stage	-
Fat hen	S to 8 leaf stage	S to 8 leaf stage
Field pansy	MS to 4 leaf stage	-
Knotgrass	S to 2 leaf stage	-
Mayweeds	S to flower bud stage	S to flower bud stage
Red dead-nettle	MS to 6 leaf stage	-
Volunteer oilseed rape	S to 6 leaf stage	S to 4 leaf stage
Charlock	S to 4 leaf stage	-

S = Susceptible

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.

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 2'. 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 tank mix or sequence with other ALS inhibitors 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. Guidelines have been produced by the Weed Resistance Action Group and copies are available from Teagasc, your distributor, crop advisor or product manufacturer.

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.

CROP SPECIFIC INFORMATION

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

Apply in the spring via horizontal boom sprayer at 0.15 litres of product per hectare in 200-400 litres of water per hectare, after the 3-leaf stage of the crop (GS 13) up to second node detectable (GS 32).

Apply when the weeds are actively growing. For optimal results, use application techniques which ensure good weed coverage and crop penetration. 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).

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

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

FOLLOWING CROPS

After an application of Sekator OD there are no restrictions on following crops in the normal rotation. If application of Sekator OD is followed by extreme drought (less than 100 mm of precipitation between application and the sowing of oilseed rape or catch crops), damage to subsequent catch crops or winter oilseed rape is possible due to slower degradation of the active ingredient. Degradation is also slowed on soils with low biological activity. Under these conditions or in the case of late weed control in cereals and early sowing of catch crops, ploughing to 20 cm is recommended. If early ploughing is necessary, spring wheat, rye, barley and, after a 30 day waiting period, maize can be grown after ploughing.

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.

COMPATIBILITY

Sekator OD may be applied as a tank-mix only with specific products. Contact Bayer CropScience for compatibility information on specific tank-mixes. Full manufacturer's instructions must be followed for each tank-mix component.

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To access the **Safety Data Sheet** for this product scan the code or use the link below:

www.bayercropscience.ie/sds/sekator-od.pdf

or alternatively contact your supplier