Oskar®

Herbicide

GROUP	A	HERBICIDE

MAPP No. 18696

An oil-in-water emulsion containing 69 g/l (6.9 % w/w) fenoxaprop-p-ethyl. This is equivalent to 63.6 g/L fenoxaprop-P.
A herbicide for post-emergence control of grass weeds in wheat and barley

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

IMPORTANT INFORMATION

Contains fenoxaprop-P-ethyl, cloquintocet-mexyl and 1,2-benzisothiazol-3(2H)-one
Repeated exposure may cause skin dryness and cracking.

Warning
May cause an allergic skin reaction.
Toxic to aquatic life with long lasting effects.
Avoid breathing vapours.
Wear protective gloves.
IF ON SKIN: Wash with plenty of soap and water.
If skin irritation or rash occurs: Get medical advice/attention.
Take off contaminated clothing and wash before reuse.
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 of use.

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.

Authorisation holder: FMC Agro Limited, Rectors Lane, Pentre, Flintshire, CH5 2DH.
Tel: 01244 537370. Email: fmc.agro.uk@fmc.com
Website: www.fmc-agro.co.uk. Technical Helpline: 01423 205011
Emergency No.s - Medical Incidents Involving Crop Protection Products:
England & Wales: 111, Scotland: 08454 24 24 24, Northern Ireland: Local GP or Pharmacist, Republic of Ireland: 01 837 9964. **Healthcare professionals seeking poisons information:** www.toxbase.org. **Emergency No.s - Transportation, Warehousing & After Sale Incidents:** CHEMTREC help centre Dialling from the UK and NI: 0870 820 0418, Dialling from Ireland: 01 901 4670

Batch number: See elsewhere on the bottle

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To access the Safety Data Sheet for this product, scan the Qr code or use the weblink below: **https://data.fmc-agro.co.uk/wp-content/uploads/Oskar-SDS.pdf**
Alternatively, contact your supplier.

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PEEL BACK FOR DIRECTIONS FOR USE LEAFLET

Crops/situations:	Maximum individual dose: (l product / ha)	Maximum total dose:	Maximum number of treatments: (per crop)	Latest time of application:
Wheat	1.2	-	1	before flag leaf ligule visible stage (ZGS 39)
Barley	1	-	1	before 1st node detectable stage (ZGS 31)

DIRECTIONS FOR USE

Important: This information is approved as part of the product label. All instructions within this section should be read carefully in order to obtain safe and successful use of this product.

General Information

OSKAR is a contact and systemic herbicide for control of annual grass weeds in wheat and barley. OSKAR will control Black-grass, Wild-oats, Awned Canary-grass and Rough-stalked Meadow-grass.

This product contains fenoxaprop-p-ethyl which is an ACCase inhibitor, also classified by the Herbicide Resistance Action Committee (HRAC)* as 'Group A'.

Use only as part of a resistance management strategy that includes cultural methods of control and do not use ACCase inhibitors as the sole chemical means of grass weed control.

Applying a second product containing an ACCase inhibitor will increase the risk of resistance development. Only use a second ACCase inhibitor to control different weeds at different timings.

* Details of the HRAC codes, which may be used as a tool in developing a resistance management strategy may be found on the HRAC web-site at www.plantprotection.org/HRAC/. The Weed Resistance Action Group (WRAG) provides supporting information, including management guidelines, a herbicide-resistant grass weeds audit and facts about resistance at www.pesticides.gov.uk/rags.asp?id=714. It is important to integrate a long-term cultural and chemical weed control strategy and the recommendations of WRAG should be followed.

Cautions

Do not apply OSKAR to Durum wheat, undersown crops or crops to be undersown.

Avoid treating crops suffering from stress due to drought, water-logging, pest and disease attack or micronutrient deficiency.

Avoid application immediately before or after a sudden or extended drop in temperature, or during periods of warm days and cold nights.

Do not apply to crops that are covered with ice as run-off may occur.

Application may be made in frosty weather provided the crop has hardened.

Do not roll or harrow less than 7 days before or after spraying.

Very dry conditions leading to drought stress may reduce the effectiveness of the product.

For control of Black-grass, use Oskar as part of an integrated control strategy. Do not use Oskar as the sole means of grass weed control in successive crops; use grass weed herbicides with different modes of action throughout the cropping rotation. Monitor weed control effectiveness and investigate any odd patches of poor grass weed control. If poor control cannot be explained, contact your agronomist who may consider a resistance test to be appropriate.

Oskar applied at 1.0 litre/ha to winter and spring barley can cause yellowing of the crop. These effects are transient and have been demonstrated not to adversely affect yield.

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

Ensure that spray swaths do not overlap.

If Oskar is used as part of a programme with any other spray chemicals, an interval of at least 7 days must be elapse between applications.

In the event of crop failure, any broad-leaved crop may be sown, or after an interval of 3 weeks, any cereal may be sown. Following normal harvest of a treated crop, any broad-leaved or cereal crop may be sown.

Soil Types and Weather Conditions

OSKAR can be applied to all soils including those containing high levels of organic matter. For best results, soil should be moist at and after application.

Crops Treated and Time of Application

OSKAR can be applied to winter- and spring barley from the '2 fully expanded leaf' stage to before '1st node detectable' stage and to winter- and spring wheat from emergence of the crop up to the 'flag leaf ligule visible' stage (ZGS39). Broadcast crops should be only treated once they have a well established root system.

Rates of Application and Weeds Controlled

The application rates of OSKAR are determined by crop and weed species, size of the weed and time of application. **Oskar must not be applied to winter or spring barley at more than 1.0 litre/ha.**

OSKAR can contribute to the control of black-grass as part of a herbicide resistance management strategy, involving mixtures and sequences with herbicides of alternative modes of action.

1. Wild-oats

OSKAR will control Wild-oats from the two fully expanded leaf stage (ZGS 12) up to 'before 1st node detectable' stage (ZGS 31) in winter- and spring barley and from the two fully expanded leaf stage (ZGS 12) up to and including the flag leaf ligule just visible stage (ZGS 39) in winter- and spring wheat.

Weed Growth Stage(s)	ZGS stage	Rate of Application litres/ha
'2 fully expanded leaf' stage to 'early tillering' stage	12 to 23	0.8
'2 fully expanded leaf' stage to 'before 1st node detectable' stage	12 to 31	1.0
'2 fully expanded leaf' stage to 'flag leaf ligule just visible' stage	12 to 39	1.2

2. Awned Canary-grass and Rough-stalked Meadow-grass
OSKAR will control Awned Canary-grass and Rough-stalked Meadow-grass from the two fully expanded leaf stage (ZGS 12) up to 'early tillering' stage (ZGS 23) in winter- and spring barley and from the two fully expanded leaf stage (ZGS12) up to the end of tillering but before the 'first node detectable' stage (ZGS 31) in winter and spring wheat.

Weed Growth Stage(s)	ZGS stage	Rate of Application litres/ha
'2 fully expanded leaf' stage to 'early tillering' stage	12 to 23	1.0
'2 fully expanded leaf' stage to 'before 1st node detectable' stage	12 to 31	1.2

NOTE
Resistance: Strains of some annual grasses (e.g. Black-grass, Wild-oats, Italian Rye-grass) have developed resistance to herbicides which may lead to poor control. A strategy for preventing and managing such resistance should be adopted. Refer to 'General Information' and 'Cautions' above for additional detail.

To reduce the risk of developing resistance, applications should be made to young, actively growing weeds.
Use crop rotation and other cultural control measures to prevent and manage herbicide resistant grass weeds.
Apply when the majority of wild-oats have emerged but avoid late applications beyond tillering and into the stem extension phase.

Water Volume
Apply in 200-300 litres of water/ha using a conventional horizontal boom sprayer. Use the higher water volume where the crop or weed is dense to ensure adequate cover.

Spray Quality
Apply OSKAR as a 'fine to medium' spray (as defined by BCPC) and 2.5 – 3 bar pressure.

Mixing and Application
Shake the container thoroughly before opening and use. Half-fill the spray tank with clean water and begin agitation. Add the required quantity of OSKAR to the water. Rinse the empty container thoroughly with water and add the rinsings to the tank. Complete the filling and apply without delay. Maintain agitation while travelling and throughout the spraying operation.

Wash out the sprayer thoroughly after use using a recognised tank cleaner.

Use of Adjuvants
Esterified seed oil adjuvants are suitable for use with Oskar in winter and spring wheat.

Do not use an adjuvant with Oskar in winter and spring barley.

Company Advisory Information
1. Ensure that spray swaths do not overlap.
2. If Oskar is used as part of a programme with any other spray chemicals, an interval of at least 7 days must be elapse between applications.

SAFETY PRECAUTIONS

a. 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) and suitable protective gloves 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 that they provide an equal or higher standard of protection.
WASH CONCENTRATE from skin or eyes immediately
WASH HANDS AND EXPOSED SKIN before meals and after work
WHEN USING DO NOT EAT, DRINK OR SMOKE

b. 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.

c. Storage and Disposal
KEEP OUT OF REACH OF CHILDREN
KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDINGSTUFFS
KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place
WASH OUT CONTAINER THOROUGHLY, empty washings into spray tank, and dispose of safely.
DO NOT RE-USE CONTAINERS for any purpose

d. Other Specific Restrictions
To avoid the build-up of resistance, do not apply products containing an ACCase inhibitor herbicide more than once to any crop. In addition, do not use this product in mixture or sequence with any other product containing fenoxaprop-p-ethyl.

TERMS AND CONDITIONS OF SUPPLY, SALE OR USE
All goods supplied by us are of a high grade and we believe them to be suitable for any purpose for which we expressly supply them, but as we cannot exercise control over their mixing or use, all conditions and warranties, statutory or otherwise, as to the quality or fitness for any purpose of our goods are excluded and no responsibility will be accepted by us for any damage or injury whatsoever arising from their storage, handling, application or use.