

FMC

Sentrallas® LQM®

Herbicide

GROUP	2, 4	HERBICIDE
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MAPP 19385

Sentrallas® LQM® herbicide is an oil dispersion (OD) formulation containing 150 g/l fluroxypyr (present as 216.1g/l fluroxypyr meptyl ester) and 30 g/l thifensulfuron methyl for spring weed control in wheat and barley. The (COSHH) Control of Substances Hazardous to Health Regulations may apply to the use of this product at work.

RISK AND SAFETY INFORMATION**Sentrallas® LQM®
HERBICIDE**

Contains 150 g/l fluroxypyr (present as 216.1g/l fluroxypyr meptyl ester) and 30 g/l thifensulfuron methyl

WARNING

May cause an allergic skin reaction
Very Toxic to aquatic life with long lasting effects

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

If skin irritation or rash occurs: get medical advice/attention.

Avoid breathing mist or vapours.

Take off contaminated clothing and wash it before reuse.

Collect spillage.

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).

Dispose of contents / container to a licensed hazardous-waste disposal contractor or collection site except for empty containers which can be disposed of as nonhazardous waste.

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

**IMPORTANT INFORMATION
FOR USE ONLY AS A PROFESSIONAL HERBICIDE**

Crops	Max individual dose: (product/ha)	Max total dose	Max No treatments/crop (product/ha)	Latest time of application
Wheat (spring) wheat (winter)	1 l/ha	-	1 l/ha	Before flag leaf sheath fully emerged growth stage (GS39)
Barley (spring) barley (winter)	1 l/ha	-	1 l/ha	Before flag leaf sheath fully emerged growth stage (GS39)

The following Aquatic Buffer Zones must be observed:

Crops/situations:	Aquatic buffer zone distance (metres):	Comment:
Barley (spring), barley (winter), wheat (spring), wheat (winter)	6	see Environmental Protection Phrase 1

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



To access the Safety Data Sheet for this product, scan the QR code or use the weblink below:

https://ag.fmc.com/uk/sites/default/files/2026-01/SENTRALLAS%20LQM_SDS_GB.pdf
Alternatively, contact your supplier.

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	FILL IN		DIMENSIONS (WXH)
Country	GREAT BRITAIN AND NORTHERN IRELAND	Single label	
Product SKU	11017135	Base for Booklet	
Product SKU Description	SENTRALLAS_5L_GB	Booklet	125/120 x 140 mm
Label SKU	32009371	Number of pages (Booklet)	4 pages
Label SKU Description	LBL_ML-B_5L_SENTRALLAS_GB_1	Carton label	
Label SKU (earlier version(s))		Preprinted Material	

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 and Warnings

- Sentrallas® LQM® should not be applied to any crop suffering from stress as a result of drought, waterlogging, low temperatures, pest or disease attack, nutrient or lime deficiency or other factors reducing crop growth.
- Do not use Sentrallas® LQM® on cereal crops undersown with grasses, clover or other legumes or any other broad-leaved crop.
- Due to the high level of activity of the herbicide, special care must be taken to avoid damage by drift onto broad-leaved plants outside the target area, or onto ponds, waterways or ditches. Thorough cleansing of equipment is also very important - see below.
- Sentrallas® LQM® should not be applied within 7 days of rolling the crop.
- All requirements or restrictions on other product labels must be adhered to when applied to the same crop as Sentrallas® LQM®. Contact your FMC distributor for further information.
- Refer to 'Compatibility' for details on use of Sentrallas® LQM® with other 'ALS inhibiting' herbicides.

Mode of Action

Sentrallas® LQM® contains fluroxypyr (a pyridine carboxylic acid) and thifensulfuron methyl (an ALS inhibitor herbicide) and work mainly by contact action.

Weed Control

It is most effective if applied when the weeds are small and actively growing. Good spray cover of the weeds must be obtained for best results. Weed growth ceases within as little as six hours after application. Susceptible plants cease growth almost immediately after application. Activity begins in the young growing points, which turn yellow or chlorotic within a few days. Treated weed leaves then turn white, brown or necrotic. Symptoms can be seen about one week after application although the full effect of the treatment may not be apparent for up to three weeks depending on the species and environmental conditions. The susceptibility rating of weeds in the following table refer to good spray cover and good growing conditions. Weed control may be reduced where soil conditions are dry.

Weed species	1l/ha		0.75l/ha		0.5l/ha	
	2-6 true leaves	Up to 15cm	2-6 true leaves	Up to 15cm	2-6 true leaves	Up to 15cm
Volunteer Oilseed rape (BRSNN)	S	S	S	-	S	-
Shepherd's Purse (CAPBP)	S	S	S	S	S	-
Fat-hen (CHEAL)	S	MR	MS	MR	MS	-
Cleavers (GALAP)	S	S	S	S	MS	-
Scented mayweed (MATCH)	S	S	S	S	S	-
Black bindweed (POLCO)	S	S	S	-	MS	-
Chickweed (STEME)	S	MS	S	MS	MS	-
Field pansy (VIOAR)	S	MR	MR	MR	MR	-

Susceptible (S) 85-100%, Moderate Susceptible (MS) 75-84.9%, Moderately Resistant (MR) 60-74.9%, Resistant (R) <60%

Resistance

When herbicides with the same mode of action are used repeatedly over several years in the same field, selection of resistant biotypes can take place. These can propagate and may become dominating. A weed species is considered resistant to a herbicide if it survives a correctly applied treatment at the recommended dose. Development of resistance with a weed species can be avoided or delayed by alternating (or tank mixing) with suitable products having a different mode of action. A strategy for preventing and managing resistance should be adopted. The Weed Resistance Action Group has produced guidelines and copies are available from the HCP, CropLife UK, your distributor, crop advisor or product manufacturer.

Sentrallas® LQM® contains thifensulfuron methyl, an ALS inhibitor (Group 2, HRAC classification mode of action), and fluroxypyr, a synthetic auxin (Group 4, HRAC classification mode of action). For additional information on weed resistance, modes of action and monitoring visit the Herbicide Resistance Action Committee (HRAC) on the web at www.hracglobal.com.

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Application Details

Sentrallas® LQM® can be used on all winter and spring varieties of wheat and barley between the growth stages given below.

Under specific conditions (frost after application, diurnal fluctuations) cereals can display transient phytotoxicity symptoms. Crops will quickly recover without any major impact on growth or yield.

Dose

Apply Sentrallas® LQM® at up to 1 l/ha.

Timing

Sentrallas LQM must be applied in the spring from 1st April from the beginning of tillering (GS 21) up to the flag leaf fully emerged growth stage (GS 39). Do not apply in the autumn.

Volume and Application

BEFORE USING SENTRALLAS® LQM®, SPRAYING EQUIPMENT MUST BE CLEAN AND FREE FROM CONTAMINATION WITH OTHER PESTICIDES.

As the product is a skin sensitiser a minimum water volume of 150 litre water per 1 l/ha product must be used with suitable ground equipment to give good spray cover of the weeds. Use a conventional field crop sprayer at a pressure of 2-3 bars and apply as a MEDIUM spray (as defined by BCPC). When crops are thick or weed growth is dense, use up to 400 litres of water per hectare. Care should be taken not to overlap spray swaths.

Following Crops

Cereals, oilseed rape, field bean, clover or grass may be sown in the same calendar year as harvest of a cereal crop treated with Sentrallas® LQM®. In case of crop failure for any reason, sow only spring cereals within three months of application of Sentrallas® LQM®. Before sowing, soil should be ploughed and cultivated to a depth of at least 15-cm.

Mixing

Quarter fill the spray tank with clean water, start the agitation and add the required quantity of Sentrallas® LQM® directly to the tank without prior creaming. Continue agitation while topping up the tank and while spraying.

Compatibility

SENRALLAS® LQM® may be applied with other products, provided each product can be applied within the label recommendations for its use. Always add Sentrallas® LQM® to the spray tank first when using in tank-mix and ensure it is fully dispersed before adding the partner product.

Only one "ALS inhibiting" herbicide can be applied to the same crop in sequence or in tank mixture with Sentrallas® LQM®. Requirements and restrictions on other product labels must be adhered to.

Mesosulfuron containing products	Pyroxulam containing products
Atlantis OD	Broadway Star
Hatra	
Horus	
Othello	

Use in Sequence only

Sentrallas® LQM® may be applied in sequence to a winter wheat crop which has previously been treated with mesosulfuron (applied before end February) containing products used for the control of black-grass. Both these treatments must have been used in tank mix with a suitable residual partner.

Sentrallas® LQM® may only be applied provided adequate control of chickweed, mayweed and poppy has already been achieved. In order to avoid potential increased selection for herbicide resistant individuals, do not use Sentrallas® LQM® if any of these weeds remain following the use of the sequence. Unexplained patches of poor weed control should always be monitored and, in consultation with an agronomist, a resistance test may be appropriate.

Additional recommendations may be approved since label printing. Please consult your FMC distributor for latest details on compatibilities.

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SPRAY TANK CLEAN-OUT

POOR CLEANOUT PRACTICES AND INSUFFICIENT WATER VOLUMES USED FOR THE RINSE PROCEDURE MAY RESULT IN INADEQUATE REMOVAL OF PRODUCT DEPOSITS. SUBSEQUENT USE OF APPLICATION EQUIPMENT IN THESE CIRCUMSTANCES MAY RESULT IN DAMAGE TO NON-CEREAL CROPS.

TO AVOID SUBSEQUENT DAMAGE TO CROPS OTHER THAN CEREALS, IMMEDIATELY AFTER SPRAYING SENTRALLAS® LQM® THOROUGHLY CLEAN ALL SPRAY EQUIPMENT, INCLUDING INSIDE AND OUTSIDE OF LID, USING THE FOLLOWING PROCEDURE:

Always start with a clean tank and spray system. Clean spray equipment thoroughly immediately after use. Consult label tank cleanup procedures for all tank mix partners and be sure to use the most rigorous procedure recommended.

1. Immediately after spraying, drain tank completely. Any contamination on the outside of the spraying equipment should be removed by washing with clean water.
2. Rinse inside of tank with clean water and flush through boom and hoses using at least one-tenth of the spray tank volume. Drain tank completely.
3. Half fill tank with clean water and add ALL CLEAR EXTRA at the recommended rate. Agitate and then flush the boom and hoses with the cleaning solution. Top up with water making sure the tank is completely full and allow to stand for 15 minutes with agitation. Again flush the boom and hoses and drain tank completely.
4. Nozzles and filters should be removed and cleaned separately with an ALL CLEAR EXTRA solution containing 50 ml of ALL CLEAR EXTRA per 10 litres of water.
5. Rinse the tank with clean water and flush through the boom and hoses using at least one-tenth of the spray tank volume. Drain tank completely.
6. For disposal of washings, follow the Code of Practice for Using Plant Protection Products (DEFRA Publications 2006). Do not spray onto sensitive crop or land intended for cropping with sensitive crop.

NOTE: If it is not possible to drain the tank completely, step 3 must be repeated before going on to step 4.

WARNING

EXTREME CARE SHOULD BE TAKEN TO AVOID SPRAY DRIFT ONTO NON-CROP PLANTS OUTSIDE THE TARGET AREA OR ONTO PONDS, WATERWAYS OR DITCHES. SPRAYING EQUIPMENT SHOULD NOT BE DRAINED OR FLUSHED ONTO LAND PLANTED WITH OR INTENDED FOR PLANTING WITH TREES OR CROPS OTHER THAN CEREALS.

COMPANY ADVISORY INFORMATION

This section is not part of the Product Label under the Plant Protection Products Regulations and it provides additional advice on product use at the discretion of the approval holder.

NOTICE TO BUYER

FMC as the manufacturer warrants that the composition of the product in sealed original FMC packaging complies with the information given on this label. FMC is not liable for any direct or indirect consequences resulting from improper storage, handling or use of the product contrary to or otherwise not in compliance with this label, law and regulations. Various factors, especially local conditions, such as soil condition, plant varieties and weather conditions, may either cause the product not to have the full desired effect or result in damage to the crops treated. FMC does not assume any liability for such results.

All manufacturers trademarks are duly acknowledged.

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