



ACCURATE EXTRA

MAPP 18608

A water dispersible granule formulation containing 680g/kg (68% w/w) thifensulfuron-methyl and 70 g/kg (7.0% w/w) metsulfuron-methyl.

A sulfonylurea herbicide for spring control of broad-leaved weeds in winter wheat, spring wheat and spring barley.

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

Pack size: 65 g

Batch No.: XXXXX

Authorisation Holder & Marketing Company

Nufarm UK Limited
Wyke Lane, Wyke, Bradford, West Yorkshire,
BD12 9EJ
United Kingdom

Technical Helpline telephone number +44 (0)1274 694714
24-hour emergency telephone number +44 (0)1274 696603

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WARNING

Very toxic to aquatic life with long lasting effects.

Avoid release to the environment.

Collect spillage.

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 risk to human health and the environment, comply with the instructions for use.

IMPORTANT INFORMATION

For professional use only as an agricultural herbicide

Crop	Maximum Individual Dose (g product/ha)	Maximum number of treatments	Latest Time of Application
Wheat (winter)	70	1 per crop	Before the flag leaf ligule just visible stage.
Wheat (spring) Barley (spring)	60	1 per crop	Before the flag leaf ligule just visible stage.

Other Specific Restrictions:

This product qualifies for inclusion within the Local Environment 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 the 'Local Environment Risk Assessment for Pesticides Horizontal Boom Sprayers' booklet available from the HSE Chemicals Regulation Directorate's website or the statutory buffer zone must be maintained. The results of the LERAP must be recorded and kept available for three years.

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.

SAFETY PRECAUTIONS

Environmental Protection

Since there is a risk to aquatic life from use, users not applying the statutory buffer zone must either themselves carry out or ensure that someone else has carried out a Local Environment Risk Assessment for Pesticides (LERAP) on their behalf before each spraying operation from a horizontal boom sprayer. Users must not allow direct spray from such sprayers to fall within 5m of the top of the bank of any static or flowing waterbody or within 1m of a ditch which is dry at the time of application (these distances to be measured as set out in the booklet 'Local Environment Risk Assessment for Pesticides - Horizontal Boom Sprayers' and any amendments that are made to it) unless:

- (a) The LERAP indicates that a narrower buffer zone will be sufficient; and
- (b) Any measures indicated by the LERAP as justifying the narrower buffer zone are complied with in full and in accordance with any conditions applicable to them.

Spray must be aimed away from water.

Spray from hand-held sprayers must not be allowed to fall within 1 m of the top of the bank of a static or flowing waterbody. Spray must be aimed away from water.

The results of the LERAP must be recorded in written form and must be available for a period of three years for inspection to any person entitled to exercise enforcement powers under or in connection with the Plant Protection Products Regulations 2011 or the Plant Protection Products (Sustainable Use) Regulations 2012. (An electronic record will satisfy the requirement for a written record, providing it is similarly available for inspection and can be copied).

Detailed guidance on LERAPs and how to conduct a LERAP are contained in the booklet 'Local Environment Risk Assessment for Pesticides - Horizontal Boom Sprayers', available from HSE Chemicals Regulation Directorate's website. All LERAPs must be carried out in accordance with this Guidance and any amendments that are made to it.

Storage and Disposal

KEEP OUT OF REACH OF CHILDREN.

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

EMPTY CONTAINER COMPLETELY and dispose of safely.

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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.

GENERAL INFORMATION

ACCURATE EXTRA is a highly active herbicide with foliar and root activity against a wide range of broad-leaved weeds. It is most effective when applied to actively growing weeds. Good spray cover of the weeds must be obtained. Weed control may be reduced when soil conditions are very dry.

CAUTIONS

- Do not apply ACCURATE EXTRA 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 ACCURATE EXTRA on cereal crops undersown with grasses, clover or other legumes or any other broad-leaved crop.
- Do not apply ACCURATE EXTRA to any cereal crop in tank-mixture or sequence with a product containing any sulfonylurea or ALS inhibiting herbicide.
- When use in tank-mixtures take care not to overlap spray swaths.
- ACCURATE EXTRA should not be applied within 7 days of rolling any crop.
- Contract agents should be consulted before using on crops grown for seed.
- Due to the high level of activity of the herbicide, special care must be taken to avoid damage by drift onto broadleaved plants outside the target area, or onto ponds, waterways or ditches. Thorough cleansing of equipment is also very important - see 'Spray Tank Cleanout' section.
- Following crops – see under 'Tank Mixes and Following Crops' section.
- Crop failure: in the event of crop failure sow only winter wheat within 3 months of applying ACCURATE EXTRA. Before sowing, soil should be ploughed and cultivated to a depth of at least 15 cms.
- Extreme care must be taken to avoid spray drift onto non-target plants outside the target area.

WEEDS CONTROLLED

The susceptibility ratings of weeds in the following table assume good spray cover and good growing conditions. ACCURATE EXTRA is most effective when applied to small, actively growing weeds.

Weed species	Weed growth stage		
	Plants up to 2 expanded true leaves	Plants up to 6 expanded true leaves	Plant up to 15 cm across/high
Black-bindweed	S	S	MS
Charlock	S	S	S
Chickweed, Common	S	S	S
Cleavers	S *	S*	S*
Dead-nettle, Red	S	S	
Fat-hen	S		
Field-speedwell, Common	S	S	MS
Forget-me-not, Field	S	S	MS
Hemp-nettle, Common	S	S	S
Knotgrass	S	S	MS
Mayweeds	S	S	S
Orache, Common	S	S †	
Pansy, Field	S	S**	MS
Parsley-piert	S	S	S
Poppy, Common	S	S	MS
Redshank	S	S	-
Scarlet Pimpernel	S	S	S
Shepherd's-purse	S	S	S

* ACCURATE EXTRA generally controls cleavers at all stages of growth; however re-growth can occur and overspraying may be necessary. Excellent control of cleavers may be obtained with ACCURATE EXTRA in tank-mix with a reduced rate of Optica ®. Refer to the manufacturer's labels for the correct timing of applications of Optica.

** Control may be reduced where high populations of pansies occur or large numbers germinate after application.

† Susceptible to 4 true leaves

S = Susceptible, MS = Moderately Susceptible, MR = Moderately Resistant, R = Resistant

WEED 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 correctly applied treatment at the recommended dose.

Development of resistance within a weed species can be avoided or delayed by sequencing or tank-mixing with suitable products having a different mode of action. ACCURATE EXTRA is a sulfonylurea whose mode of action is via ALS inhibition. Do not use ACCURATE EXTRA and any other ALS inhibitors, as a sole means of broad-leaved weed in successive years.

A strategy for preventing and managing resistance should be adopted. The Weed Resistance Action Groups have produced guidelines and copies are available from HGCA, CPA, your distributor, crop adviser or product manufacturer.

CROP SPECIFIC INFORMATION

ACCURATE EXTRA can be used on all varieties of winter and spring wheat (EXCEPT Durum wheat) and spring barley.

WINTER WHEAT

Application Rate: 70g ACCURATE EXTRA per hectare
Application Timing: ACCURATE EXTRA may be applied from 1 February once the crop is at the '3-leaf' stage (ZGS 13) until before the 'flag leaf ligule just visible' stage (ZGS 39).
Water volume: Apply in 150-200 litres of water per hectare.

SPRING WHEAT, SPRING BARLEY

Application Rate: 60g ACCURATE EXTRA per hectare.
Application Timing: ACCURATE EXTRA may be applied from 1 February once the crop is at the '3-leaf' stage (ZGS 13) until before the 'flag leaf ligule just visible' stage (ZGS 39).
Water volume: Apply in 150-200 litres of water per hectare.

FOLLOWING CROPS

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Only cereals, oilseed rape, field beans or grass may be sown in the same calendar year to succeed a cereal crop treated with ACCURATE EXTRA. Any crop may be planted in the following spring.

WATER VOLUME

Apply in 150-200 litres of water per hectare, using suitable equipment to give good spray cover of the weeds. When crops are thick or weed growth dense, use 400 litres per hectare. Use a conventional field sprayer at a pressure of 2-3 bar and apply as a 'MEDIUM' spray (as defined by BCPC).

Care should be taken not to overlap spray swaths.

SOIL TYPE

ACCURATE EXTRA can be applied to all soil types. Very dry soil conditions may reduce weed control.

MIXING

Half-fill the spray tank with clean water and begin agitation. Add the required quantity of ACCURATE EXTRA to the water. 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. See 'Spray Tank Clean-out Procedure' below.

COMPATIBILITY

ACCURATE EXTRA is compatible with the following products when applied according to the manufacturers' instructions for each product. Do not mix with formulations of chlorpyrifos or propiconazole, or with any other ALS-inhibiting herbicide. Do not apply formulations of chlorpyrifos within 14 days before or after applying ACCURATE EXTRA.

Herbicides:	Optica, Headland Saxon, Agroxone
Fungicides:	Pointer, Proline, Unix, Corbel, Tracker, Fandango, Provaro, Flexity, Fortress, Opus
Insecticides:	Danadim Progress
P.G.R.s	Moddus, Meteor, chlormequat (approved formulations)

For up to date details of compatible tank mixes please consult your Nufarm distributor or refer to the Nufarm website at <https://www2.nufarm.com/uk/>

Before using any tank-mixture, consult and comply with the recommendations for the partner product. When using ACCURATE EXTRA in a tank-mix, always add

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ACCURATE EXTRA to the spray tank first. Do not allow ACCURATE EXTRA to come into contact with undiluted concentrate of another product. Tank-mixes should be sprayed immediately and agitation maintained at all times.

SPRAY TANK CLEAN-OUT

To avoid subsequent damage to crops, thoroughly remove all traces of ACCURATE EXTRA from spraying equipment immediately after spraying, using the following procedure:

1. Immediately after spraying, drain the tank completely. Wash any contamination off the outside of the sprayer with clean water.
2. Rinse the inside of the tank including the lid with clean water and flush at least one tenth of the spray tank volume through the boom and hoses. Drain the tank completely.
3. Half-fill the tank with clean water and add the correct quantity of ALL CLEAR™ EXTRA. Agitate and then flush the boom and hoses with the solution. Top up completely with water and allow to stand for 15 minutes with agitation.
4. Again flush the boom and hoses and drain tank completely (if it is not possible to drain tank completely, repeat step 3 before going on).
5. Remove nozzles and filters and soak in a bucket containing 50ml ALL CLEAR™ EXTRA per 10 litres water.
6. Rinse tank again with clean water and flush at least one tenth of the tank volume through the boom and hoses. Drain tank completely.
7. For disposal of washings, follow the Code of Practice for the Safe Use of Pesticides on Farms and Holdings. **SPRAYING EQUIPMENT SHOULD NOT BE DRAINED OR FLUSHED ONTO LAND INTENDED FOR PLANTING WITH TREES OR ANY CROP OTHER THAN CEREALS.**

COMPANY ADVISORY INFORMATION

This section is not part of the Product Label under the Plant Protection Products Regulations 2011. It provides additional advice on use of the product

ACKNOWLEDGMENTS

ACCURATE EXTRA is a registered trademark.

CONDITIONS OF SUPPLY

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All goods supplied by us are of high grade and we believe them to be suitable but (as we cannot exercise any control over their mixing or use) all conditions and warranties, statutory or otherwise, as to the quality and fitness for any purpose of our goods are excluded, except in so far as such exclusion is prevented by law, and no responsibility will be accepted by us for any damage or injury whatsoever arising from their storage, handling, application or use.

This product is to be used only in accordance with the recommendations and instructions given on the labels provided with this pack. Use in any other circumstances is entirely at users risk.