

Dexter

MAPP 12551

Contains 500 g/l (44.6 % w/w) isoproturon in a suspension concentrate

For the control of black-grass, other grass weeds and certain broad-leaved weeds in winter and spring wheat, winter barley, rye and triticale

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



Limited evidence of a carcinogenic effect



Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

DANGEROUS FOR THE ENVIRONMENT

COMPLIANCE WITH THE FOLLOWING CONDITIONS OF USE AND ALL SAFETY PRECAUTIONS MARKED * IS A LEGAL REQUIREMENT
FOR USE ONLY AS AN AGRICULTURAL/HORTICULTURAL/FORESTRY HERBICIDE

Crop or situation	Maximum individual dose of product	Maximum number of treatments per crop	Latest time of application
Wheat Winter barley	5 l/ha	One	Before second node detectable stage
Winter rye Triticale	5 l/ha	One	Before crop emergence

READ ALL OTHER SAFETY PRECAUTIONS & DIRECTIONS FOR USE BEFORE USE

Contents:

10 litres

SAFETY PRECAUTIONS

Operator protection:

- * Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment:
- * WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), SUITABLE PROTECTIVE GLOVES AND FACE PROTECTION (FACESHIELD) when handling the concentrate or contaminated surfaces.
- * WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) when applying by vehicle mounted/drawn equipment.
- * However, engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.

Wear suitable protective clothing and gloves.

WASH CONCENTRATE from skin or eyes immediately.

DO NOT BREATHE SPRAY.

WASH HANDS AND EXPOSED SKIN before meals and after work.

If swallowed, seek medical advice immediately and show this container label.

Environmental protection:

DO NOT CONTAMINATE SURFACE WATERS OR DITCHES with chemical or used container.

Storage and disposal:

Keep out of the reach of children.

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

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

WASH OUT CONTAINER THOROUGHLY, empty washings into spray tank, and dispose of safely.

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

Safety data sheet available for professional user on request.

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains isoproturon). UN 3082; Class 9; Packing group III.

PROTECT FROM FROST
SHAKE THOROUGHLY BEFORE POURING

This product is approved under the Control of Pesticides Regulations 1986. Batch No:

AgChemAccess Limited
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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.

AVOIDANCE OF POLLUTION

In order to minimise pollution of drainage waters, do not use Dexter on soils which are deeply cracked, whether as a result of dry weather or cultivation, such as subsoiling. On sloping land, consideration should be given to reducing potential pollution by adopting practices which minimise surface water run-off, such as might occur down tramlines and erosion gullies. Avoid or clean up all spillages of product and dispose of safely.

VARIETIES

The following varieties of listed crops may be treated: Winter and spring wheat, winter barley: all current recommended varieties. Winter rye: Animo, Ashill Pearl, Dominant, Lovaszpatonai, Rheidol, Tetragorzow. Triticale: Aquarius, Bokolo, Clercal, Lasko, Newton, Salvo, Torrs, Taurus.

Limitations: DO NOT treat durum wheat or oats.

TRITICALE AND WINTER RYE

Crops	Dose	Time of application	Weeds controlled and remarks
Named varieties (see VARIETIES) of triticale and winter rye sown before 30 November.	Full rate 5 l/ha	Before crop emergence	Black-grass, other susceptible annual grasses and broad-leaved weeds.
	Lower rates 3 - 4.2 l/ha	Before crop emergence	Low-moderate populations of annual meadow-grass, rough meadow-grass and susceptible broad-leaved weeds.

WINTER WHEAT AND WINTER BARLEY

Dose	Time of application	Weeds controlled and remarks
Full autumn rate 5 l/ha	From the 1-leaf stage of the crop until end-December. Early application usually gives the best overall results.	Black-grass, other annual grasses and broad-leaved weeds. Useful control of wild-oat is obtained by treating at the 1-3 leaves stage of the wild-oat *.
Lower autumn rates 3-4.2 l/ha	From the 1-leaf stage of the crop up to the start of tillering of annual meadow-grass or the 6-leaves stage of broad-leaved weeds.	Annual meadow-grass and broad-leaved weeds. Use the 3 l/ha rate only for light weed populations.
Spring dose 3-4.2 l/ha	Post-emergence after 1st January from the 2-leaf stage of the crop to before the second node is detectable.	Black-grass up to early tillering, other annual grasses and broad-leaved weeds. Useful control of wild-oat is obtained by treating at the 1-3 leaves stage of the wild-oat *. Use the 3 l/ha rate only for light weed populations.

SPRING WHEAT (including autumn-drilled spring wheat)

Dose	Time of application	Weeds controlled and remarks
3-4.2 l/ha	Apply post-crop emergence after the 1st January from the 2-leaves stage until the end of tillering	Black-grass up to early tillering, other annual grasses and broad-leaved weeds. Useful control of wild-oat is obtained by treating at the 1-3 leaves stage of the wild-oat *. Use the 3 l/ha rate only for light weed populations. Some crop scorch may arise but recovery is normally complete.

* A specific wild-oat herbicide may be needed in spring when wild-oat populations are high.

SOIL, CROP AND WEATHER CONDITIONS

- * Remove or bury straw and trash at least 15cm deep before drilling.
- * Seedbeds must be fine and consolidated. At application no clods should be larger than fist size.
- * Drill and cover the seed 25mm deep. Broadcast crops of wheat and barley may be treated when firmly established.
- * Do not treat crops affected by pests or disease or lacking vigour.
- * Do not treat waterlogged crops or those with inadequate drainage.
- * Do not treat crops on organic soils (containing 10% or more organic matter). Black-grass and wild-oat may be poorly controlled on silty soils when these weeds have germinated at depth.
- * Spray during a period free of frost. Frost before or after application may yellow the crop and temporarily check its growth. Early sown crops, e.g. September drilled, may be prone to damage should application take place during a period of rapid growth in the autumn
- * Do not roll within 7 days before or after spraying (excepting rolling before pre-emergence treatment of rye or triticale).
- * Do not harrow within one week before or at any time after spraying.
- * Moisture is necessary to activate herbicidal activity. Low rainfall, especially following spring application, may lead to poor results. Poor results may also follow abnormally high rainfall, especially if this falls soon after application.
- * Heavy rain falling soon after application to crops on sandy, gravelly or stony soils, may result in crop damage.
- * Do not treat crops undersown or to be undersown with any other crop.

APPLICATION (BCPC definitions)

Apply the recommended dose in 200-400 l/ha water as a MEDIUM spray. When crop and/or weed cover is most dense use the highest volume of water. Reduced volume application, 110 l/ha as a MEDIUM spray, may be employed up to the start of tillering of the crop (not rye or triticale). Ensure that the spraying machine is moving forward when switching on at the start of each bout and ensure that spray swaths do not overlap otherwise crop damage might occur. Avoid spray drift.

COMPATIBILITY

Dexter is compatible in tank-mix with the following approved products. The Directions for Use of any product employed in tank mixture must be adhered to, together with those of this label

Bromoxynil + ioxynil	MAFF 09470
Chlormequat	Approved salt formulations
Mecoprop-P	Approved salt formulations
Cypermethrin	MAPP 11121

MIXING

Invert the container several times and thoroughly shake immediately before use. Half fill the spray tank with water. With the agitation in action, pour the required quantity of Dexter into the spray tank. Top up the spray tank to required level and agitate thoroughly. Keep under agitation until the tank is sprayed out. When tank-mixing with other products, add Dexter to the spray tank first. Spray immediately after mixing. Wash all spraying equipment thoroughly immediately after completion of spraying.

RE-CROPPING

In the event of crop failure for any reason, for example flooding or wheat bulb fly attack, an interval of at least 90 days after an autumn application or 30 days after a spring application of Dexter, must elapse before planting a susceptible crop. Ploughing 15 cm deep must precede sowing or planting.

WEED CONTROL

Weeds controlled by Dexter applied as directed and under favourable soil and weather conditions are indicated:

Weeds susceptible to 5 l/ha in autumn or 4.2 l/ha in spring

Black-grass	Up to 3 tillers
Charlock	50 mm high or across
Chickweed, common	50 mm high or across
Fat-hen	50 mm high or across
Groundsel	50 mm high or across
Loose silky bent	Post-emergence, up to 3 tillers
Mayweed spp.	50 mm high or across
Meadow-grass, annual	Up to 3 tillers, only post-em in spring
Meadow-grass, rough	Up to 3 tillers; only post-em in spring
Poppy, common	50 mm high or across
Rye-grass spp.	Low-moderate populations of seedlings only
Wild-oat	Useful control at 1-3 leaves

Weeds susceptible to 4.2 l/ha in autumn

Charlock	50 mm high or across
Chickweed, common	50 mm high or across
Marigold, corn	50 mm high or across
Mayweed spp.	50 mm high or across
Meadow-grass, annual	1-3 tillers, post-em only
Meadow-grass, rough	1-3 tillers, post-em only
Poppy, common	50 mm high or across

Weeds susceptible to 3 l/ha in autumn or in spring

Chickweed, common	To six leaves
Marigold, corn	To two leaves
Mayweed spp.	To six leaves
Meadow-grass, annual	At one tiller, post-em only

Conditions of Supply

All goods supplied by us are of high grade and we believe them to be suitable but as we cannot exercise control over their storage handling mixing or use or of the weather conditions before during and after application which may affect the performance of the goods 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 or resellers for any failure in performance damage or injury whatsoever arising from their storage handling application or use; these conditions cannot be varied by our staff or agents whether or not they supervise or assist in the use of such goods.