

CLAYTON LANSDOWN

MAPP 12327

contains 250 g/l tralkoxydim with 1,2-benzisothiazol-3-one in a suspension concentrate

Herbicide for the control of black-grass and wild-oat in wheat, durum wheat, barley, rye and triticale.



IRRITANT

IRRITATING TO EYES
MAY CAUSE SENSITISATION
BY SKIN CONTACT

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

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

COMPLIANCE WITH THE FOLLOWING CONDITIONS OF USE AND ALL SAFETY PRECAUTIONS MARKED ❖ IS A LEGAL REQUIREMENT FOR USE ONLY AS AN AGRICULTURAL HERBICIDE			
Crop	Maximum individual dose of product	Maximum number of treatments	Latest time of application
<u>Winter-sown</u> Wheat, barley, durum wheat, rye and triticale	1.4 l/ha	Two per crop	Before flag leaf sheath extending stage GS41
<u>Spring-sown</u> Wheat and barley	1 l/ha	One per crop	Before flag leaf sheath extending stage GS41
Other specific restrictions 1. The maximum concentration must not exceed 1.4 litres product per 200 litres water. 2. This product must always be co-applied with ADJ 0429 at 375 ml per 100 litres of diluted spray (0.375 % v/v).			
READ ALL OTHER SAFETY PRECAUTIONS AND DIRECTIONS FOR USE BEFORE USE			

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.
- ❖ WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) AND SUITABLE PROTECTIVE GLOVES when handling contaminated surfaces.
- ❖ However, engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.

WASH CONCENTRATE from skin or eyes immediately.

TAKE OFF IMMEDIATELY all contaminated clothing.

WASH ALL PROTECTIVE CLOTHING thoroughly after use, especially the insides of gloves. WHEN USING DO NOT EAT, DRINK OR SMOKE.

WASH HANDS AND EXPOSED SKIN before meals and after work.

Environmental protection

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

Storage and disposal

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

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

KEEP OUT OF REACH OF CHILDREN.

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.

This product is approved under the Control of Pesticides Regulations 1986.

Clayton Plant Protection (UK) Ltd. Contents: **5 litres**

Unit F10

Bracetown Business Park

CLONEE

PROTECT FROM FROST - STORE ABOVE 5°C

Co. Meath

Ireland.

Tel: (00 353) 1 8210127

Batch No:

Conditions of Supply: all goods supplied by us are of high quality and we believe them to be correct but, as we cannot exercise control over their storage, handling, mixing or use, or 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.

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.

WEED CONTROL

Clayton Lansdown controls black-grass, wild-oats and certain other grass weeds after its absorption by the weed foliage. Grass weeds germinating after application and broad-leaved weeds at any growth stage will not be controlled.

Susceptible grass weeds and stages for optimum control

Weed	Earliest time of application	Latest time of application
Black-grass	-	Autumn: 4 leaves unfolded or two-tillers
	-	Spring: up to 3 tillers (useful control of late-emerging plants at 1.4 l/ha dose)
Wild-oat	Autumn: 2 leaves unfolded	1-2 tillers
	Spring: 2 leaves unfolded	1 st node detectable
Perennial rye-grass	Autumn: 3 leaves unfolded	3 rd node detectable
	Spring: 3 leaves unfolded	Stem erect stage

Notes:

Resistant strains

Strains of some annual grasses, e.g. black-grass, wild-oat and 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. Guidelines have been produced by the Weed Resistance Action Group and copies are available from the HGCA, CPA, your distributor, crop advisor or product manufacturer.

CROPS, RATE AND TIME OF APPLICATION

	Winter-sown crops		Spring-sown crops
	Winter wheat, durum wheat, winter barley, triticale, rye		Spring wheat, spring barley
Application rate	Autumn appln	Spring appln	Spring/summer appln
Black-grass (medium density)	0.8 l/ha	1.4 l/ha	-
Black-grass (high density 300/m ²)	1 l/ha	1.4 l/ha	
Wild-oat	0.6 l/ha	1.4 l/ha	1 l/ha
Perennial rye-grass	1 l/ha	1.4 l/ha	1 l/ha
Period of application	From 2 leaves unfolded GS12 until the ligule of the flag leaf is just visible GS39.		From the end of tillering GS30 until the ligule of the flag leaf is just visible GS39.
Notes on weeds	Useful control of late-emerging black-grass up to 3 tillers can be obtained by 1.4 l/ha in the spring.		Perennial rye-grass is moderately susceptible to 1 l/ha.
Adjuvant	Add the recommended adjuvant to all applications – see ADJUVANT.		
Further advice	All current varieties may be treated. Broadcast sown crops must not be treated until they have become firmly established with well developed roots. DO NOT treat undersown crops or those crops to be undersown.		

ADJUVANT

Clayton Lansdown must always be applied in conjunction with authorised wetting agent ADJ 0429. Add 375 ml of adjuvant ADJ 0429 per 100 litres of diluted spray.

APPLICATION

Apply the recommended quantity of Clayton Lansdown in 200-400 l/ha water as a MEDIUM spray through flat fan nozzles (BCPC definitions) to give even coverage and maximum retention of the spray on the target weeds. *Do not apply* as a COARSE spray. Use the highest water volume in dense crops and at the later growth stages. Avoid spray drift. Do not spray in windy weather.

MIXING

Half-fill the spray tank with clean water. With the sprayer contents under agitation, add the required quantity of Clayton Lansdown. Add the specified quantity of adjuvant (see ADJUVANT). Continue agitation whilst topping up the tank with water and until the mix is sprayed out. Spray immediately after mixing.

COMPATIBILITY AND SEQUENTIAL SPRAYS

Clayton Lansdown is not compatible with phenoxy-type herbicides and these should not be applied together. Clayton Lansdown may be used in a sequence of herbicide sprays provided that an interval of at least 15 days elapses between the application of the most recently applied herbicide, if not a sulfonylurea group herbicide, and the application of Clayton Lansdown. At least 21 days must elapse after the application of a sulfonylurea group herbicide and the application of Clayton Lansdown. At least 14 days must elapse after Clayton Lansdown before the application of any following herbicide in the weed control programme. Do not use Clayton Lansdown in any sequence utilising both sulphonylurea and phenoxy group products.

WEATHER, SOIL AND CROP CONDITIONS

Spray onto dry foliage when rain is not expected for at least 2-3 hours. Best results are obtained when the weeds are actively growing during a period of mild weather with adequate soil moisture. Inadequate soil moisture can reduce efficacy; reduced efficacy is most likely to occur when spring crops are treated at the later of the permissible growth stages. Vigorous crop competition is a contributory factor leading to good weed control. Some normally susceptible grass weeds may survive in the absence of vigorous crop competition.

Do not apply if a prolonged cold spell is forecast, or to soft foliage if frost is probable, or during spells of warm days followed by cold nights, as crop injury may occur. Do not spray crops suffering stress from any cause, such as drought, water logging, severe disease or pest attack, grazing, nutrient deficiency or excessive soil compaction. Crops treated when under stress may become temporarily yellowed. Do not roll or harrow crops within 7 days of application.

FOLLOWING CROPS

As oats and the rye-grasses are sensitive to tralkoxydim, these crops should not be sown in the autumn in the year of application.

CLEANING OF EQUIPMENT

After each days use thoroughly clean all equipment with water and a cleaning agent recommended for the cleaning of sprayers.
