

CLAYTON OXEN FL

MAPP 12861

contains 250 g/l oxadiazon in an emulsifiable concentrate
with cyclohexanone and solvent naphtha (petroleum), heavy aromatic

Herbicide with both foliar contact and soil residual activity, for the control of certain broad-leaved weeds and annual meadow-grass in apple, pear, blackcurrant, gooseberry, hops, grapes, raspberry and in ornamental plant production.



HARMFUL

**Harmful: may cause lung damage if swallowed
Irritating to eyes and skin
Vapours may cause drowsiness and dizziness**

Flammable



DANGEROUS FOR THE ENVIRONMENT

Very toxic 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.

IMPORTANT INFORMATION

FOR USE ONLY AS A HORTICULTURAL HERBICIDE		
Crop	Maximum individual dose of product	Maximum total dose of product
Hops, blackcurrant, gooseberry, apple, pear, wine and table grapes, ornamental plant production.	8 l/ha	8 l/ha per year
Raspberry (spot treatment only)	see Other Specific Restrictions	-
Other specific restrictions For spot treatment, the maximum concentration must not exceed 100ml product/10 litres water.		
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

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.

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) when applying by vehicle-mounted equipment.

WEAR SUITABLE PROTECTIVE CLOTHING (IMPERMEABLE COVERALLS) AND SUITABLE PROTECTIVE GLOVES when applying by hand-held equipment.

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.

WHEN USING DO NOT EAT, DRINK OR SMOKE.

WASH HANDS AND EXPOSED SKIN before meals and after work.

WASH ALL PROTECTIVE CLOTHING thoroughly after use, especially the insides of gloves.

If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Environmental protection

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

Storage and disposal

KEEP OUT OF REACH OF CHILDREN.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

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 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: 1 - 5 litres

Unit F10

Bracetown Business Park

CLONEE

Co. Meath

Ireland

Tel: (00 353) 1 8210127

Batch No:

FLAMMABLE LIQUID, N.O.S. (contains cyclohexanone). UN 1993; Class 3; Packing group III

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.

Clayton Oxen FL is both a foliar contact and soil residual herbicide for the control of certain broad-leaved and grass weeds. The full rate of application is capable of giving residual control of susceptible weeds over a prolonged period, up to 6 months, under optimum soil and weather conditions. Contact with young crop foliage must be avoided.

RECOMMENDATIONS

Crop	Timing and remarks
Apple, pear	Spray around individual trees or in a directed band along the tree lines from January to July. Do not allow spray to contact leaves, shoots, branches or damaged or immature bark.
Blackcurrant, gooseberry	Spray in a directed band along bush lines from January to before bud burst avoiding all spray contact with the bushes.
Raspberry	Spot spray weeds between the rows before the crop flowers (April-May) avoiding all contact with old and new cane and crop foliage.
Grapes (outdoor)	Spray in a directed band along the lines of vines from February to before the start of new season growth avoiding all spray contact with the vines.
Hops	Spray in February long before any emergence of the hop shoots or after de-leafing (June/July). It is important that spray bouts do not overlap on the hills. Hop sets and young hops must not be treated until after two years of cropping i.e. in February of the third cropping year.
Ornamental trees and shrubs – certain species only.	Spray around individual woody ornamentals or in a directed band along the planted lines or container lines from January to June. Do not allow spray to contact leaves, shoots, branches or damaged or immature bark. Verify for one's-self the safety of the treatment to all new or unusual species or varieties to which one is unaccustomed before proceeding to treat larger areas. Do not treat around hydrangea, spiraea or genista. If required, areas of ground may be treated before containers are placed on them.

RATE OF APPLICATION

Apply Clayton Oxen FL at either 4 l/ha or 8 l/ha according to the weeds present and their stage or growth (see WEED CONTROL) and the duration of residual weed control required.

For spot application mix 100 ml Clayton Oxen FL in 10 litres of water.

SOIL AND CONDITIONS

Clayton Oxen FL is adsorbed by soil organic matter and by straw residues, ash and rotting turf. Weed control may be reduced where high levels of soil organic matter or organic debris occur. Pre-weed-emergence use on soils containing more than 10% organic matter is not effective; on these soils post-weed emergence application, utilising the product's contact action, will give the best results. Best residual activity is obtained on fine, firm, moist soils; soil moisture being necessary for the uptake of the herbicide by the roots of weeds. Inferior residual weed control will be obtained if the soil is dry.

CULTIVATIONS

Soil must be firm before application. Do not cultivate soils after application.

WEATHER CONDITIONS

Application must not be made when the foliage is wet. DO NOT APPLY where run-off across the soil surface might occur before soil penetration e.g. to frozen soils on slopes.



APPLICATION

Apply Clayton Oxen FL in 300-1000 l/ha water using the highest volume when the weed cover is dense. Spray accurately to avoid local overdosing. Avoid spray drift.

MIXING

Slowly add Clayton Oxen FL to the sprayer tank already half filled with water and under agitation. Top up the tank with water and keep under agitation until the mix is sprayed out. Use immediately after mixing.

FOLLOWING CROPS

The soil must be mould-board ploughed at least 15 cm (6") deep before planting to a following crop. After application of Clayton Oxen FL at 4 l/ha allow at least 6 months between the last application and the planting of a following crop; after 8 l/ha the interval must be extended to 12 months before planting the following crop.

PROCESSED CROPS

Consult the processor before treating a crop destined for processing.

WEED CONTROL

Indicative weed susceptibilities on moist soils and under the conditions recommended for application:

	4 l product/ha		8 l product/ha	
		Latest indication		Latest indication
Bindweed, field	-		S	young plant
Black-bindweed	S	pre-emergence	-	
Charlock	S	"	*	
Dead-nettle, red	S	"	*	
Fat-hen	S	"	*	
Groundsel	S	"	*	
Knotgrass	S	"	*	
Mayweed spp.	S	"	-	
Nettle, small	S	"	*	
Shepherd's-purse	S	"	*	
Speedwell spp.	MS	"	*	
Redshank	S	"	-	
Sowthistle	-		S	young plant
Meadow-grass, annual	-		S	pre-emergence

S = susceptible

MS = moderately susceptible

R = resistant

* Co-incident control of these weeds at the young plant stage may be given when Clayton Oxen FL is applied at 8 l/ha for the control of other weeds.

Young plant: 5 cm high or across

CLEANING OF EQUIPMENT

After each day's use thoroughly clean all equipment with water and a cleaning agent recommended for the cleaning of sprayers. Traces of herbicide left in the sprayer may damage other crops subsequently sprayed using the same equipment.