

Lotus

An emulsifiable concentrate containing 200 g/l (19.1% w/w) cinidon-ethyl.

A herbicide for the control of a range of broad-leaved weeds, including Cleavers, in winter- and spring-sown cereals.

PRODUCT BENEFITS

- Fast acting herbicide for the control of Cleavers and a range of other weeds.
- Wide window of application from autumn up to before the third node detectable stage in winter wheat and winter barley.
- Low rate of application.
- Specific tank-mix recommendation with Duplosan KV or Compitox Plus.

LERAP category: B

Pack size: 10 litres

Storage: KEEP DRY AND FROSTPROOF



IMPORTANT INFORMATION

FOR USE ONLY AS AN AGRICULTURAL/HORTICULTURAL/INDUSTRIAL HERBICIDE.

Crop	Maximum individual dose	Maximum total dose	Latest time of application
Winter wheat, durum wheat, winter barley	0.25 l/ha	0.25 l/ha	Before third node detectable
Spring barley Winter rye			Before first node detectable
Winter wheat (stock feed) Winter barley (stock feed)			Before third node detectable (35 days before cutting or grazing)
Spring barley (stock feed)			Before first node detectable (35 days before cutting or grazing)

Other specific restriction:

- 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 PSD's published guidance or the statutory buffer zone must be maintained. The results of the LERAP must be recorded and kept available for three years.

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.

MAPP 13744

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

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.

LOTUS is a contact herbicide and will therefore only control sensitive species which have emerged at the time of application. Weeds which emerge after treatment will not be controlled and weeds which exceed the maximum growth stage claimed to be susceptible may show some regrowth.

Apply as a FINE or MEDIUM spray as defined by BCPC.

Recommended Crops

Winter wheat and Winter barley may be treated with LOTUS alone or LOTUS + Duplosan KV from when the crop has two fully expanded leaves until before the third node is detectable.

Spring barley may be treated with LOTUS alone or LOTUS + Duplosan KV from when the crop has two fully expanded leaves until before the first node detectable stage.

Durum wheat may only be treated with LOTUS alone from when the crop has two fully expanded leaves until before the third node is detectable.

Winter rye may only be treated with LOTUS alone from when the crop has two fully expanded leaves until before the first node is detectable.

Dose rate

LOTUS alone should be applied at 0.25 litres/ha.

LOTUS + Duplosan KV should be applied at 0.25 + 1.5 litres/ha.

Water volume

The spray volume for LOTUS alone or in mixtures is 200–330 litres/ha. The lowest volume should only be used in open crops where weeds are small. As weeds become larger and/or crop cover increases, then the water volume should be increased.

MIXING

LOTUS may be added via induction bowls. If adding direct to the tank, half fill the spray tank with clean water and start the agitation. Pour in the required amount of LOTUS. Add the remainder of the water and continue agitation until spraying is completed.

When tank mixes are to be used, each product should be added separately to the spray tank or induction bowl, taking due note of any instructions on the order of mixing.

MIXTURES WITH OTHER SPRAY CHEMICALS

Compatible mixtures

Provided all product recommendations are followed, LOTUS is fully compatible with the following chemicals in spring applications (S), autumn (A) or autumn and spring applications (A + S) in two way mix:

Corbel (S) ¹	Folicur (S) ¹	Sanction 25 (S) ¹
Duplosan KV (A + S)	New 5C Cycocel (S)	

and in mix with:

Ally + Duplosan KV (S) ²	Duplosan KV + New 5C Cycocel (S)
Corbel + Duplosan KV (S) ¹	Duplosan KV + Sanction 25 (S) ¹
Duplosan KV + Folicur (S) ¹	

¹ Winter wheat only.

² LOTUS is not compatible with Ally in two way mix.

Mixtures known to be incompatible

LOTUS is incompatible with:

Ally	Epic	Opus
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LOTUS + Duplosan KV is incompatible with:

Diclofop-methyl + fenoxaprop-p-ethyl (MAFF 08946, MAFF 08947)

Epic

Fenoxaprop-p-ethyl (MAFF 08723)

Opus

This list has been prepared in the light of information available at the time of application. Other mixtures not listed here may also prove to be incompatible and LOTUS must not be tank mixed with any products other than those listed as compatible in this label.

SUSCEPTIBILITY OF WEEDS TO LOTUS

Weed	LOTUS 0.25 l/ha	LOTUS + DUPLOSAN KV 0.25 + 1.5 l/ha
Bindweed, black	S*	S*
Charlock	MS*	S
Chickweed, common	R	S (15 cms)
Cleavers	S#	S (30 cms)
Deadnettle, henbit	S	S
Deadnettle, red	S	S
Fat hen	–	S
Groundsel	S*	S
Hempnettle, common	S	S
Knotgrass	–	S*
Mayweeds	R	–
Mayweed, scented	R	S*
Oilseed rape, volunteer	–	S
Pansy, field	R	–
Poppy, common	R	–
Speedwell, common field	S	S
Speedwell, ivy-leaved	MS	S

S = Susceptible from cotyledon to four–six leaves unless otherwise stated

MS = Moderately Susceptible from cotyledon up to two true leaves

R = Resistant

– = no information

* = two true leaves

= two whorls

IMPORTANT NOTES

Some necrotic spotting may be noticed on crops treated with LOTUS but this has been proven to have no effect on final yield. The level of effects seen can be greater when used in mixture with Duplosan KV, particularly when applied in the spring. Crop yield is not usually affected.

Do not apply LOTUS to any crop suffering from herbicide damage or physical stress.

The crop should not be rolled or harrowed for seven days before or after application of LOTUS.

Extreme care must be taken to avoid spray drift onto broad-leaved crops or plants outside the target area.

Check Duplosan KV label for additional warnings and precautions when using the mixture.

WASH EQUIPMENT thoroughly immediately after use by emptying the sprayer of any remaining spray solution and then filling with clean water and flushing through.

When using in tank-mix with Duplosan KV, ensure that the tank washing instructions for this product are also observed.

FOLLOWING CROPS

When emergency re-drilling is necessary due to crop failure, only winter and spring wheat and barley, oilseed rape, maize and sunflowers may follow application of LOTUS at 0.25 l/ha.

LOTUS

Contains 200 g/litre (19.1% w/w) cinidon-ethyl.



IRRITANT



DANGEROUS FOR THE ENVIRONMENT

**RISK OF SERIOUS DAMAGE TO EYES.
IRRITATING TO SKIN.
VERY TOXIC TO AQUATIC ORGANISMS, MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT.**

IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE.

WEAR EYE/FACE PROTECTION.
THIS MATERIAL AND ITS CONTAINER MUST BE DISPOSED OF IN A SAFE WAY.
USE APPROPRIATE CONTAINMENT TO AVOID ENVIRONMENTAL CONTAMINATION.

Contains cinidon ethyl: may cause an allergic reaction.

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

However, engineering controls may replace personal protective equipment if a COSHH assessment shows that they provide an equal or higher standard of protection.

WASH CONCENTRATE from skin or eyes immediately.

WASH HANDS AND EXPOSED SKIN before meals and after work.

WHEN USING DO NOT EAT, DRINK OR SMOKE.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDSTUFFS.

KEEP OUT OF REACH OF CHILDREN.

IF YOU FEEL UNWELL, seek medical advice (show label where possible).

Environmental protection

DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within five metres of the top of the bank of a static or flowing water body, unless a Local Environment Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within one metre of the top of a ditch which is dry at the time of application. Aim spray away from water.

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 PSD's published guidance or the statutory buffer zone must be maintained. The results of the LERAP must be recorded and kept available for three years.

DANGEROUS TO FISH OR OTHER AQUATIC LIFE. Do not contaminate surface waters or ditches with chemical or used container.

TREATED CEREALS MUST NOT BE USED AS ANIMAL FEED (OR BEDDING) for at least 35 days after last application.

Storage

DO NOT RE-USE CONTAINER FOR ANY PURPOSE.

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

Keep dry and frostproof in a suitable pesticide store.