

Lector®

CONTAINS 50 G/L FLORASULAM AS A SUSPENSION CONCENTRATE.

FLORASULAM

- For use in winter and spring cereal crops.
- Controls the most common economically damaging broad-leaved weeds.
 - Cleavers
 - Mayweed
 - Chickweed
 - Shepherd's-purse
 - Volunteer oilseed rape and Runch.
 - Charlock.
- Additional effective control of a wide range of other broad-leaved weeds, including volunteer field beans.
- Robust control in a wide application window from early autumn to late spring.
- Broad-leaved weed and grass weed control flexibility when used in tank mix with other herbicides.

The damaging economic effects of broad-leaved weeds in cereals are well established, and justification for their control well documented. Lector® controls the important broad-leaved weeds found in cereals.

Among the species controlled are cleavers, shepherd's-purse, chickweed, mayweed and volunteer oilseed rape.

Yield losses in cereal crops from cleavers can be very large; 2 cleaver plants per m² can cause losses in winter wheat of 5%.

A common chickweed population of 25 plants per m² again can reduce winter wheat yield by around 5 % (and each plant can produce around 2500 seeds).

13 plants per m² of mayweeds, oilseed rape and charlock will bring a 5 % reduction in yield.

Lector® achieves the high levels of control required to prevent yield losses and weed seed return to the soil.

Additionally, Lector® controls field beans, an increasing problem in the autumn with few options now available for control.

EARLY DECISION MAKING

Effective when temperatures are low late in the year or in early spring. Lector® works best when temperatures are at 5°C or more but can be applied in temperatures as low as 2°C.

Lector® can be applied in the spring and autumn on all varieties of Winter wheat, Barley, Oats, Triticale, Rye, Spring wheat, Barley and Oats.

AUTUMN APPLICATION

Winter wheat, Barley, Oats, Triticale and Rye. Lector® should be applied in the autumn once the crop has reached 3 leaves (GS13). One application of up to 75 ml/ha will control all susceptible emerged weeds.

WEEDS CONTROLLED

Lector® is most effective when applied to small, actively growing weeds. Larger weeds may be less susceptible; therefore for optimum performance it is important to check the size of weeds before application.

Rate of Use	75 ml/h	50 ml/ha
Cleavers	25 mm	25 mm
Common chickweed	50 mm	30 mm
Scented mayweed	50 mm	30 mm
Scentless mayweed	30 mm	30 mm
Volunteer oilseed rape	80 mm	60 mm

SPRING APPLICATION

Winter wheat, Barley, Oats, Triticale, Rye, Spring wheat, Barley and Oats. Lector® can be applied in the spring once the crop has reached 3 leaves (GS13) up to and including flag leaf ligule just visible stage (GS39 inclusive). One application of up to 150 ml/ha will control all susceptible emerged weeds. A split application may be applied up to a maximum total dose of 150 ml/ha where weed germination takes place over an extended period.

*Always read the product label before use.



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WEEDS CONTROLLED (SPRING APPLICATION)

Lector® is most effective when applied to small, actively growing weeds. Larger weeds may be less susceptible. For optimum performance it is important to check the size of weeds before application.

Rate of Use	150 ml/ha	100 ml/ha	50 ml/ha
Cleavers	Up to 500 mm	200 mm	
Common chickweed		Flowering	6 true leaves
Hedge mustard		100 mm	
Scented mayweed		Flower buds visible	Rosette stage
Scentless mayweed		Flower buds visible	Rosette stage
Shepherd's-purse		100 mm	
Volunteer oilseed rape		Before flower buds visible	4 true leaves
Wild radish (Runch)		100 mm	

ALS JOINT APPLICATIONS

A joint application is the use of a product in tank mixture or sequence with another product and should only be made within the label recommendations of every product in the application. Only one other product with an ALS inhibitor mode of action may be applied to a cereal crop treated with Lector®. A further application of Lector® or another product containing florasulam may be made providing the maximum total dose of florasulam is not exceeded.

ALS JOINT APPLICATIONS MAXIMUM DOSAGE

The maximum total dose of florasulam applied to the crop must not exceed 7.5 g ai/ha. For autumn planted crops a maximum total dose of 3.75 g ai/ha of florasulam must be observed for applications made between crop emergence in the year of planting and February 1st in the year of harvest.

FOLLOWING CROPS

The following may be planted in the same year as a crop treated with Lector® is harvested (i.e. autumn sown):

Cereals	Grass
Oilseed rape	Vegetable brassicas as transplants
Field beans	

The following may be planted in the calendar year following treatment with Lector® (i.e. sown the following spring):

Cereals	Potatoes
Oilseed rape	Maize
Field beans	Grass
Peas	Clover (for use in grass/clover mixtures)
Sugar beet	Vegetable brassicas as transplants
Carrots	

RESISTANCE

Florasulam is an ALS inhibitor - Herbicide Resistant Weeds Classification (HRAC), B.

Avoid using herbicides with a single mode of action, such as ALS herbicides, in the same fields over a number of years. Growers should apply products containing herbicides with different modes of action or use sequences or tank mixes where two or more components are active against the target weeds.

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