LECTOR®

LECTOR® is a suspension concentrate formulation containing 50 g/l (4.81% w/w) Florasulam. For use as a post emergence herbicide for the control of cleavers and other broad leaved weeds in winter wheat, barley, rye, triticale and oats, spring wheat, barley and oats.

WARNING Contains: 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction. Very toxic to aquatic life with long lasting effects. To avoid risks to man and the environment, comply with the instructions for use. Avoid release to the environment. Collect spillage. Dispose of contents/container to a licensed waste disposal contractor or collection site except for triple rinsed empty containers which can be disposed of as non-hazardous waste. Do not contaminate water with the product or its container. Do not clean application equipment near surface water. Avoid contamination via drains from farmyards and roads. To protect aquatic organisms respect an unsprayed buffer zone of 5m to surface water bodies.

PROTECT FROM FROST

FOR USE ONLY AS AN AGRICULTURAL HERBICIDE

<table>
<thead>
<tr>
<th></th>
<th>Maximum Individual Dose</th>
<th>Max Total Dose</th>
<th>Latest time of Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Winter and Spring Barley, Oats, Wheat and Winter Rye and Winter Triticale</td>
<td>150 ml/ha</td>
<td>150 ml/ha</td>
<td>Up to and including flag leaf ligule just visible stage (GS 39)</td>
</tr>
</tbody>
</table>

The total amount of Florasulam applied to a cereal crop must not exceed 7.5g

NET CONTENTS: 0.5 litres (Packed in Cartons of 12 x 0.5 litre)

Manufactured by Cheminova A/S, Denmark

CHEMINOVA

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Distributed by Headland Agrochemicals Ltd., Rectors Lane, Pentre, Flintshire, CH5 2DH, United Kingdom

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**DIRECTIONS FOR USE**

For professional use only

**Crops**
LECTOR® can be applied in the spring and autumn on all varieties of winter and spring wheat, barley, oats and winter triticale and rye.

**Notes**
Do not spray when crops are under stress from cold, drought, pest damage, nutrient deficiency etc.
Do not roll or harrow 7 days before or after application
LECTOR® is mainly absorbed by the leaves of the weeds and as such can be applied on all soil types.
Do not apply to crops containing or undersown with clover or other legume containing mixtures.

**Restrictions/Warnings**

**Crop Failure**
In the event of crop failure in the spring after an application of LECTOR®, only the following crops may be planted: spring wheat, spring barley, spring oats, maize or ryegrass.

**Following Crops**
Only the following crops can be sown in the same year as a crop treated with LECTOR® is harvested: cereals, oilseed rape, field beans, grass and vegetable brassicas as transplants.

A vigour reductions may be seen in following crops of oilseed rape after a dry summer. This will be outgrown and will not result in yield loss.

Only the following crops can be sown in the calendar year following treatment with LECTOR®: cereals, oilseed rape, field beans, grass, linseed, peas, sugar beet, potatoes, maize, clover (for use in grass/clover mixtures), carrots and vegetable brassicas as transplants.

Take extreme care to avoid drift onto crops and non-target plants outside the target area.

**Water Volume**
Apply LECTOR® in 100-300 l/ha of water. The lower volume must only be used in open crops on small weeds.

**Mixing and Application**
Half fill the spray tank with clean water and add the required amount of LECTOR®. Add the remainder of the water and continue agitation until spraying is completed.

When tank mixes are to be used, and unless directed otherwise, the preferred order of addition of products to the spray tank is as follows: water, dispersible granules, wettable powders, suspension concentrates, solution concentrate. Each product should be added separately to a half filled spray tank and fully dispersed before the addition of the next product
LECTOR® may be applied through tractor-mounted hydraulic sprayers and knapsack sprayers providing they are in good working order and have been calibrated according to the manufacturers’ recommendations.
Do not apply through CDA applicators.
Apply LECTOR® as a MEDIUM spray as defined by the BCPC system.

**Joint Application**
A joint application is the use of a product in tank mixture or sequence with another product.

**IMPORTANT NOTE:** joint applications 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. LECTOR® may be applied in joint application to the same cereal crop with one of the following ALS products.
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.

Spring Application - Cereals
Winter wheat, barley, oats, triticale and rye and Spring wheat, barley and oats
LECTOR® can be applied in the spring once the crop has reached 3 leaves (GS 13) up to and including flag leaf ligule just visible stage (GS 39 inclusive).

Rate of application
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.

Weeds Controlled
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.

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

Autumn Application - Cereals
Winter wheat, barley, oats, triticale and rye and Spring wheat, barley and oats
LECTOR® should be applied in the autumn once the crop has reached 3 leaves (BBCH 13) up to and including flag leaf ligule just visible stage (GS 39 inclusive).

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<th>150 ml/ha</th>
<th>100 ml/ha</th>
<th>50 ml/ha</th>
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<tr>
<td>Cleavers</td>
<td>-</td>
<td>-</td>
<td>-</td>
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<td>Common chickweed</td>
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<tr>
<td>Wild radish (Runch)</td>
<td>-</td>
<td>-</td>
<td>100 mm</td>
</tr>
</tbody>
</table>

1 The maximum total dose of florasulam applied to the crop must not exceed 7.5g. For autumn planted crops a maximum total dose of 3.75g of florasulam must be observed for applications made between crop emergence in the year of planting and February 1st in the year of harvest. Apart from these specific joint applications LECTOR® must NOT be applied with any other product containing an ALS-inhibitor.
Rate of application
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. For optimum performance it is important to check the size of weeds before application.

<table>
<thead>
<tr>
<th>Rate of Use</th>
<th>75 ml/ha</th>
<th>50 ml/ha</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cleavers</td>
<td>25 mm</td>
<td>25 mm</td>
</tr>
<tr>
<td>Common chickweed</td>
<td>50 mm</td>
<td>30 mm</td>
</tr>
<tr>
<td>Scented mayweed</td>
<td>50 mm</td>
<td>30 mm</td>
</tr>
<tr>
<td>Scentless mayweed</td>
<td>30 mm</td>
<td>30 mm</td>
</tr>
<tr>
<td>Volunteer oilseed rape</td>
<td>80 mm</td>
<td>60 mm</td>
</tr>
</tbody>
</table>

Tank cleaning procedure
To avoid subsequent injury to crops other than cereals all spraying equipment must be thoroughly cleaned both inside and outside using an ammonium based cleaner as follows:

1. Immediately after spraying drain the tank completely. Any contamination on the outside of the spraying equipment should be removed by washing with clean water.
2. Rinse inside the tank with clean water and flush through booms and hoses using at least one tenth of the spray tank volume. Drain tank completely.
3. Half fill the tank with clean water and add the ammonium bases cleaner at the recommended rate. Agitate and then briefly flush through the booms and hoses with the cleaning solution. Top up with water making sure the tank is completely full and allow to stand for 15 minutes with agitation. Flush the booms and hoses and drain tank completely.
4. Nozzles and filters should be removed and cleaned separately with the ammonium bases cleaning solution containing 50 ml of the ammonium per 10 litres of water.
5. Rinse the tank with clean water and flush through the booms and hoses using at least one tenth of the spray tank volume. Drain tank completely.
6. For disposal of washing follow the Code of Practice for Using Plant Protection Products. Do not spray on to sensitive crops or land intended for cropping with sensitive crops.

Note: If it is not possible to drain the tank completely, step 3 must be repeated before going on to step 4.

LECTOR® is a trademark