WARNING

VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.
KEEP OUT OF REACH OF CHILDREN.
COLLECT SPILLAGE.
DISPOSE OF CONTENT/CONTAINER IN COMPLIANCE WITH LOCAL AND NATIONAL REGULATIONS.
CONTAINS 1,2-BENZISOTHIAZOL-3(2H)-ONE. MAY PRODUCE AN ALLERGIC REACTION.
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 AVOID RISKS TO HUMAN HEALTH AND THE ENVIRONMENT, COMPLY WITH THE INSTRUCTIONS FOR USE.

SUMIR®
MAPP 18473
CONTAINS 50 g/l (4.85% W/W) FLORASULAM AS A SUSPENSION CONCENTRATE FORMULATION.
SUMIR IS A SELECTIVE POST-EMERGENCE HERBICIDE FOR THE CONTROL OF CLEAVERS AND SOME OTHER BROAD-LEAVED WEEDS IN WINTER AND SPRING CROPS OF WHEAT, BARLEY AND OATS.

IMPORTANT INFORMATION

FOR USE ONLY AS A PROFESSIONAL AGRICULTURAL HERBICIDE

CROPS/SITUATIONS: MAXIMUM INDIVIDUAL DOSE MAXIMUM TOTAL DOSE LATEST TIME OF APPLICATION
Wheat (winter and spring), barley (winter and spring) and oat (winter and spring) 0.15 litres Product/ha 0.15 litres Product/ha/crop Up to and including flag leaf ligule just visible stage (GS39 inclusive)

Other specific restrictions
• 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
• The total amount of florasulam applied to a cereal crop must not exceed 7.5 g.a.s./ha.

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.

APPROVAL HOLDER AND MARKETING COMPANY: Life Scientific Limited, Block 4, Belfield Office Park, Beech Hill Road, Dublin 4, Ireland. Tel: +353 1 2832024

THE COSHH CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS MAY APPLY TO THE USE OF THIS PRODUCT AT WORK.

FOR 24 HOUR EMERGENCY INFORMATION CONTACT NHS 111

PROTECT FROM FROST

MADE IN EU
SHAKE WELL BEFORE USE
BATCH NO. SEE PACKAGING
NET CONTENTS: 1L

This product label is compliant with the CPA Voluntary Initiative (VI) guidance.

The Voluntary Initiative

LABEL VERSION SUM/UK/V3
SAFETY PRECAUTIONS

Operator Protection

WHEN USING, DO NOT EAT, DRINK OR SMOKE.

Environmental Protection

DO NOT CONTAMINATE WATER with the product or its container. Do not clean application equipment near surface water. Avoid contamination via drains from farmlands and roads.

Storage and Disposal

DO NOT RE-USE CONTAINER FOR ANY PURPOSE.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

KEEP OUT OF REACH OF CHILDREN.

KEEP IN ORIGINAL CONTAINER THOROUGHLY, emptying washings into spray rank and dispose of safely.

PROTECT FROM FROST.

DIRECTORS 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.

SUMIR can be used to control the listed broad-leaved weeds in all varieties of winter and spring wheat, barley and oats but should not be used in Durum wheat. Weed control is mainly achieved by uptake through the treated leaves and so it may be used on all soil types.

RESTRICTIONS

Do not apply SUMIR to crops suffering from stress caused by cold, drought, nutrient deficiency, pest or disease attack.

Do not roll or harrow the crop for at least 7 days either before or after the application.

Take EXTREME care to avoid drift on to non-target plants outside the treated area.

RESISTANCE

SUMIR contains florasulam which is an ALS inhibitor, also classified by the Herbicide Resistance Action Committee as ‘Group B’.

SUMIR should be applied as soon as possible after the emergence of the weeds.

Do not use SUMIR as a stand alone treatment for common chickweed.

Do not apply to weeds where target site resistance to ALS inhibiting herbicides is confirmed.

Always follow the recommendations of the Weed Resistance Action Group (WRAG) with respect to the integration of chemical and cultural control measures.

DOSE RATE AND TIMING

SUMIR can be applied once the cereal crop has reached the 3 leaf stage (Zadoks GS 13) and all treatments should be completed before it exceeds the flag leaf stage just visible stage (Zadoks GS 39). The tables below list the maximum susceptible growth stage for each dose. SUMIR is most active on small, actively growing weeds. As weeds get larger they may become less susceptible.

Autumn Application: An application of 0.075 or 0.05 l/ha SUMIR according to the size of the weed population will control the following weeds provided that they are emerged at application.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>Application dose</th>
<th>0.075 l/ha</th>
<th>0.05 l/ha</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cleavers (MS* only)</td>
<td>2.5 cm</td>
<td>2.5 cm</td>
<td></td>
</tr>
<tr>
<td>Common chickweed</td>
<td>5.0 cm</td>
<td>3.0 cm</td>
<td></td>
</tr>
<tr>
<td>Scented mayweed</td>
<td>5.0 cm</td>
<td>3.0 cm</td>
<td></td>
</tr>
<tr>
<td>Scenthless mayweed</td>
<td>3.0 cm</td>
<td>3.0 cm</td>
<td></td>
</tr>
<tr>
<td>Volunteer oilseed rape</td>
<td>8.0 cm</td>
<td>6.0 cm</td>
<td></td>
</tr>
</tbody>
</table>

*MS = moderately susceptible

Spring Application: As a single application of 0.15 l/ha or as a split application provided the total dose applied does not exceed 0.15 l/ha. The single application of 0.15 l/ha will control all the weeds listed as susceptible up to the growth stage specified but the split application can be useful where an extended period of weed germination is expected. Remember to check the weed growth stage immediately before application.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>Application dose</th>
<th>0.15 l/ha</th>
<th>0.1 l/ha</th>
<th>0.05 l/ha</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cleavers</td>
<td>Up to 50 cm</td>
<td>20 cm</td>
<td>6 true lvs</td>
<td></td>
</tr>
<tr>
<td>Common chickweed</td>
<td>Up to flowering</td>
<td>10 cm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hedge mustard</td>
<td>10 cm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Scented mayweed</td>
<td>Flower buds</td>
<td>Rosette stage</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Scenthless mayweed</td>
<td>Flower buds</td>
<td>Rosette stage</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shepherd’s purse</td>
<td>10 cm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Volunteer oilseed rape</td>
<td>Before flowering</td>
<td>4 true lvs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wild radish (Rush)</td>
<td>10 cm</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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 SUMIR.

SUMIR may be applied in joint application to the same cereal crop with one of the following ALS products:

- Atlantis WX
- Finish SX
- Okar SX
- Absolute
- Galaxy
- Orlin 60 SX
- Alias SX
- GF-164
- Othello
- Ally Max SX
- Harmony M SX
- Pacifica
- Avro SX
- Hata
- Pinnacle
- Barton WX
- Hirus
- Preste SX
- Biplay SX
- Hunter
- Ratio SX

Do not spray out on to a sensitive crop or land where a sensitive crop is to be planted.

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

FOLLOWING CROPS

After normal harvest of a crop treated with SUMIR cereals, field beans, grass, vegetable brassica transplants or oiled rape may be planted in the same year. Where oiled rape is sown after a dry summer that inhibits the germination of herbicide residues some transient vigour reductions may be seen but these do not result in yield reductions.

Crops that can be planted in the calendar year following treatment with SUMIR are; cereals, field beans, grass, vegetable brassica transplants and oiled rape plus carrots, sugar beet, linseed, maize, peas, potatoes and clover for use in grass/clover mixtures.

In the event of crop failure after treatment with SUMIR only spring barley, spring wheat, spring oats, rye or ryegrass should be sown.

COMPANY ADVISORY INFORMATION

This section of the label is not part of the (EC) 1107/2009 Regulation and provides additional advice on product use at the discretion of the applicant.

CONDITIONS OF SUPPLY

All goods supplied by us are of high grade and we believe them to be suitable but, as we cannot exercise control over their storage, handling, mixing use or the 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 re-sellers 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.

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