An emulsifiable concentrate containing 120 g/L clethodim. A post-emergence herbicide for the control of annual grass weeds in winter oilseed rape and sugar beet.

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

**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 GLOVES** when handling the concentrate and when handling contaminated surfaces.
- However, engineering controls may replace personal protective equipment if a COSHH assessment shows that they provide an equal or higher standard of protection.
- **TAKE OFF IMMEDIATELY** all contaminated clothing.
- **WASH ALL PROTECTIVE CLOTHING** thoroughly after use, especially the inside of gloves.
- **WHEN USING DO NOT EAT, DRINK OR SMOKE.**
- **DO NOT BREATHE SPRAY.**
- **WASH CONCENTRATE from skin or eyes immediately.**
- **WASH HANDS AND EXPOSED SKIN before eating, drinking or smoking and after work.**

**Environmental Protection**

Do not contaminate surface waters or ditches with chemical or used container.

Do not clean application equipment near surface water.

Avoid contamination via drains from farmyards and roads.

**Storage and Disposal**

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS

KEEP OUT OF REACH OF CHILDREN.

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

WASH OUT CONTAINER THOROUGHLY, empty washings into spray tank and dispose of safely.

**SHAKE WELL BEFORE USE**

**PROTECT FROM FROST**

**IMPRESSON INFORMATION**

FOR USE ONLY AS AN AGRICULTURAL HERBICIDE

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**Other Specific Restrictions**

To avoid the build-up of resistance, do not apply products containing an ACCase inhibitor more than twice in any crop. In addition, do not use this product in mixture or sequence with any other product containing clethodim.

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.
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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.

INTRODUCTION
Centurion® Max is a systemic, selective, non-residual herbicide for the post-emergence control of annual and grass weeds in oilseed rape and sugar beet. After application the compound is rapidly absorbed by the treated plant parts and is readily translocated to the root system and to the aerial growing parts of the plant. Typical symptoms on susceptible grass weeds visible 1-2 weeks after application are stunting of growth and yellowing of leaves of the treated plants, followed by plant death.

WHEN TO SPRAY
Only weeds which have emerged at the time of application will be controlled. The optimum timing of application is:

- From 3 leaves to beginning of tillering for annual grass weeds,

For annual grass weeds, sufficient foliage should have emerged to absorb the spray. It is important also to apply when the weeds have not yet begun to compete with the crop.
Centurion® Max can be used on all soil types.

WEATHER CONDITIONS
- After application, Centurion® Max requires at least 12 hours without rain for uptake to be complete.
- Weeds suffering stress because of drought, frost, waterlogging, natural dieback or other environmental conditions will not be growing actively and so will not be well controlled, as such conditions could interfere with uptake and translocation of Centurion® Max.
- Do not spray in very windy conditions and ensure that spray does not drift onto neighbouring vegetation, especially susceptible types such as cereals (maize particularly) and grasses. The use of drift-reducing nozzle types should be taken as a matter of course to avoid spray drift on adjacent areas, particularly if the product is used on fields adjacent to young cereal crops.
- Do not spray when temperatures or air moisture are very high or very low; the optimal range of temperatures for spraying is 8-25°C, and the optimal air moisture is above 65%.

WEED CONTROL

<table>
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<tr>
<th>SPECIES</th>
<th>RATE OF APPLICATION</th>
<th>TIMING OF APPLICATION (weed stage)</th>
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<tr>
<td>Black-grass</td>
<td>1.0 litre per hectare</td>
<td>3 fully-expanded leaves until the weeds have five tillers. On Annual meadowgrass, the optimal stage of application is 3 fully expanded leaves and beginning of tillering.</td>
</tr>
<tr>
<td>Volunteer wheat</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Volunteer barley</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Annual meadowgrass</td>
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Do not cultivate for at least two weeks after application to allow time for translocation to occur. Leave a longer interval (up to 3 weeks) if growing conditions are poor.
This leaflet is part of the authorised Product Label

RESISTANCE
Strains of some annual grasses (eg Black-grass, Wild Oats, and Italian Rye-grass) have developed resistance to herbicides, which may lead to poor control. A strategy for preventing and managing such resistance should be adopted. Guidelines have been produced by the Weed Resistance Action Group and copies are available from the HGCA, CPA, your distributor, crop adviser or product manufacturer.
This product contains clethodim which is an ACCase inhibitor, also classified by the Herbicide Resistance Action Committee as “Group A”.
Use only as part of a resistance management strategy that includes cultural methods of control and does not use ACCase inhibitors as the sole chemical method of grass-weed control.
Applying a second product containing an ACCase inhibitor to a crop will increase the risk of resistance development; only use a second ACCase inhibitor to control different weeds at a different timing.
Centurion® Max may control some resistant populations of Black-grass to some other ACCase inhibitors. Do not use reduced doses of Centurion® Max on grassweeds where resistance is suspected. Populations of annual grasses may show resistance to Centurion® Max and will not be fully controlled.
It is recommended to adopt a long-term strategy integrating cultural and chemical measures. The following are the key elements of the resistance management strategy:

- Always follow WRAG guidelines for preventing and managing herbicide resistant weeds,
- Maximise the use of cultural control measures wherever possible (e.g. crop rotation, ploughing, delayed drilling etc.)
- Use tank mixes or sequences of effective herbicides with different modes of action within individual crops, or successive crops (SEE WARNINGS)
- To reduce the risk of developing resistance applications of Centurion® Max should be made to young, actively growing weeds.
- Identify as much as possible the herbicides to which your grass weeds are resistant. This can help you to determine the most appropriate herbicides to use.
- Monitor fields regularly and investigate the reasons for any poor control.

RECOMMENDATIONS BY CROP
Avoid overlapping spray swaths as crop damage and reduced yields could result.
Do not spray if rain or frost is expected, or if the foliage is wet.
Do not spray in very windy conditions and ensure that spray does not drift onto neighbouring vegetation, especially susceptible types such as cereals (maize particularly) and grasses. The use of drift reducing nozzle types should be taken as a matter of course to avoid spray drift on adjacent areas, particularly if the product is used on fields adjacent to young cereal crops.

Oilseed rape (winter):
It is recommended to apply Centurion® Max at 1 L/ha from the 4 true leaf stage during a period when grass weeds and crop are growing actively in the autumn. Do not apply Centurion® Max after the end of October. Avoid later applications (after mid-October) to earlier flowering or maturing varieties of oilseed rape (6 or above) and to crops drilled on or before 25th August. Avoid any other chemical application within 14 days before or after an application of Centurion® Max. Do not apply immediately after a period of frosty weather. In case of frost occurring some days after application, phytotoxic effects could be observed on the crop.

Sugar beet:
Centurion® Max can be applied at 1.0 L/ha when the crop has fully expanded cotyledons or first leaves until before row closure.

MIXING AND SPRAYING
Half fill the spray tank with clean water and start the agitation. Shake the container well before use and pour in the required amount of product. Rinse and empty containers thoroughly and add rinsings to the spray tank. Add the remainder of the water and continue the agitation until spraying is completed.
Application should be made in water volumes of 200 – 400 litres per hectare.
Application should be made using a FINE or MEDIUM spray as defined by BCPC.
Centurion® Max does not require the addition of any adjuvant.

FOLLOWING CROPS
Broadleaved crops may be sown at any time following normally harvested crops or the failure of a crop treated with Centurion® Max.
It is recommended to wait at least 4 weeks before sowing wheat, barley or maize after a crop treated with Centurion® Max. Soil should be thoroughly cultivated to a depth of 20 cm before sowing.

WARNINGS
Consult processors before using on crops grown for processing
Prevent drift onto crops and plants outside of the target area, especially susceptible graminaceous plants.
Do not apply to crops suffering from stress such as frost, pest or disease attack, previous herbicide treatments, or if rain or frost is expected, or crops of low vigour.
Allow at least 14 days between application of Centurion® Max and other herbicides.

Company terms and Conditions
SAFETY DATA SHEET
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**Marketing Company:**

Arysta LifeScience Great Britain Ltd,
3-5 Melville Street, Edinburgh, EH3 7PE
Tel: 01482 231772

In case of toxic or transport emergency, ring +44 (0) 1235 239 670 (NCEC) (24 hour).

**Approval Holder:**

ARYSTA LifeScience, Route d'Artix – BP 80,
64 150 NOGUERES
Tel + 33 (0)5 59 60 92 92.
www.arystalifescience.com

**GB-CDM-010-07 (0119)**

**Net Contents:** 5 L

**Production date:** See packaging

**Batch No:** See packaging

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