SELECT® PRIME

MAPP 16304

HERBICIDE

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.

Select® Prime contains 120 g/L clethodim.
Contains Solvesso 150ND

DANGER
May be fatal if swallowed and enters airways.
May cause drowsiness or dizziness.
Toxic to aquatic life with long lasting effects.
Contains Clethodim. May produce an allergic reaction.
Repeated exposure may cause skin dryness and cracking.

If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Read label before use.
Do not breathe vapours.
Do not eat, drink or smoke when using this product.
Use only outdoors or in a well-ventilated area.
Avoid release to the environment.
Wear protective gloves.
IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.
Do NOT induce vomiting.
Collect spillage.
Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.

To avoid risks to human health and the environment, comply with the instructions for use.

GB-CDM-065-01 (0217)

See attached leaflet for 'Directions For Use'

Batch No : See packaging
Production date: See packaging

IMPORTANT INFORMATION
FOR USE ONLY AS AN AGRICULTURAL HERBICIDE

Crops	Maximum individual dose of product (litres product/ha)	Maximum number of treat-ments	Latest time of application
Oilseed rape (winter)	1.0	One per crop	Before the beginning of stem elongation and 120 days before harvest
Sugar beet	1.0	One per crop	Before row closure and 56 days before harvest

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.

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

Approval Holder and Marketing Company :
ARYSTA LifeScience,
Route d'Artix – BP 80,
64 150 NOGUERES
Tel + 33 (0)5 59 60 92 92.
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In case of toxic or transport emergency, ring
+ 44 (0) 1235 239 670
(NCEC) (24 hour).

Net Contents :
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7GB1501-0002

1GB0501-0023/B17

Arysta LifeScience

This leaflet is part of the authorised Product Label

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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

Select® Prime 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.
Select® Prime can be used on all soil types.

WEATHER CONDITIONS

- After application, **Select® Prime** 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 **Select® Prime**.
- 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

SPECIES	RATE OF APPLICATION	TIMING OF APPLICATION (weed stage)
Black-grass	1.0 litre per hectare	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.
Volunteer wheat		
Volunteer barley		
Annual meadowgrass		

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.

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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.
Select® Prime may control some resistant populations of Black-grass to some other ACCase inhibitors. Do not use reduced doses of **Select® Prime** on grassweeds where resistance is suspected. Populations of annual grasses may show resistance to **Select® Prime** 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 **Select® Prime** 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 **Select® Prime** 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 **Select® Prime** 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 **Select® Prime**. 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:

Select® Prime 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.
Select® Prime 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 **Select® Prime**.
It is recommended to wait at least 4 weeks before sowing wheat, barley or maize after a crop treated with **Select® Prime**. 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 **Select® Prime** and other herbicides.

Company terms and Conditions

SAFETY DATA SHEET

Safety Data Sheet is available on request.

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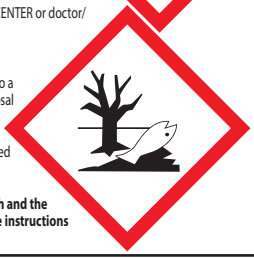

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