DIRECTIONS FOR USE

IMPORTANT: This information is approved as part of the Product Label. All instructions within this section must be carefully read in order to obtain safe and successful use of this product.

RESTRICTIONS

Do not apply to forage maize and grain maize grown for seed production.

Only treat healthy maize, preferably in good growing conditions, when the vegetation is dry, and not during periods of frosty weather, when frost is imminent, or onto crops under stress.

PEAK is generally highly selective of maize. In exceptional situations (cold, heavy rain), use of PEAK can temporarily slow down growth.

Do not apply with organic-phosphate insecticides. Do not use during periods of frosty weather, when frost is imminent, or onto crops under stress from frost, water logging, insect attack or drought.

Special care should be taken to avoid damage by drift to broad-leaved plants outside the target area or land intended for cropping e.g. beet, sunflower, oilseed rape, vegetable crops.

Ensure spraying equipment is thoroughly washed out according to specific instructions after use. Do not allow washings-out to drain onto land intended for cropping or growing crops.

WEEDS CONTROLLED PEAK can be used to control the following weeds between 2 to 4 true leaf stage in maize. PEAK is a post-emergent herbicide. It is absorbed by the leaves and roots of the plant and blocks weed growth by inhibiting the synthesis of amino acids.

<table>
<thead>
<tr>
<th>Weed</th>
<th>PEAK at 0.020 kg/ha + non-ionic wetting agent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common annual weed</td>
<td>MS</td>
</tr>
<tr>
<td>Common ragweed</td>
<td>S</td>
</tr>
<tr>
<td>Shepherd’s purse</td>
<td>S</td>
</tr>
<tr>
<td>Field mustard</td>
<td>MS</td>
</tr>
<tr>
<td>Common fumitory</td>
<td>R</td>
</tr>
<tr>
<td>Cut-leaved cranebait</td>
<td>R</td>
</tr>
<tr>
<td>Common borage</td>
<td>S</td>
</tr>
<tr>
<td>Horsed bentgrass</td>
<td>R</td>
</tr>
<tr>
<td>Purple deadnettle</td>
<td>R</td>
</tr>
<tr>
<td>Prickly seed-thistle</td>
<td>S</td>
</tr>
<tr>
<td>Linaria sp.</td>
<td>R</td>
</tr>
<tr>
<td>Milkwort</td>
<td></td>
</tr>
<tr>
<td>Annual mercury</td>
<td>MS</td>
</tr>
<tr>
<td>Scarlet pimpernel</td>
<td>S</td>
</tr>
<tr>
<td>Black nightshade</td>
<td>S</td>
</tr>
<tr>
<td>Knotgrass</td>
<td>S</td>
</tr>
<tr>
<td>Redshank</td>
<td>S</td>
</tr>
<tr>
<td>Common bugloss</td>
<td>S</td>
</tr>
<tr>
<td>Black bindweed</td>
<td>S</td>
</tr>
<tr>
<td>Common field speedwell</td>
<td>R</td>
</tr>
</tbody>
</table>

*Control of broadleaf dock is not seeding growth only. Key: S = susceptible, MS = moderately susceptible, R = resistant

WEED RESISTANCE

Resistance Striation

Do not rely on sulfonylurea herbicides as the sole means of weed control. The use of mixtures or sequences with other herbicides with different modes of action, active against the same target weeds, is desirable. This will minimise the possible development of resistant weeds. Contact your distributor or Syngenta UK Limited for further information.

CROP SPECIFIC INFORMATION

Timing and Rates of Use PEAK should be applied to the maize crop from the 2 leaf stage and no later than the 10 leaf stage.

Spray Volume

Use a water volume of 150 - 300 litres per hectare.

Spray Nozzles

A medium spray quality is preferred for application of PEAK (see BCPC guidelines). A spray pressure of 2-3 bar is recommended.

Mixing and Spraying

Make sure the sprayer is set to give an even application at the correct volume.

Dry Mixing - Sprayers with Induction Hoppers

Fill sprayer to 15% of tank capacity with water and start agitation. Pour PEAK through the sprayer hopper, add the non-ionic surfactant and continue agitation whilst adding the rest of the water.

Washing-out instructions

To avoid subsequent injury to crops, immediately after spraying thoroughly clean the application equipment and protective clothing. Ensure that all traces of product are removed. The following recommendations are to be strictly followed:

1. Drain spray system completely. Rinse tank, spray boom and nozzles with clean water for several minutes and spray out.

2. Fill the spray tank with clean water and add to it sodium hypochlorite (5.2%) (commercial chlorine bleach) at a dose of 1 l of every 200 litres of full spray tank capacity and continue filling with clean water until sprayer is completely full. Agitate for 15 minutes and spray out cleaning solution through spray nozzles.

3. To remove traces of chlorine bleach, rinse the tank thoroughly with clean water and flush out through hose and boom.

4. Nozzles and filters should be removed and cleaned separately along with protective equipment.

PROTECT FROM FROST

SAFETY PRECAUTIONS

(a) Operator protection

Always ADHERE TO SAFETY WASH HANDS AND EXPOSED SKIN before eating and drinking and after work.

(b) Environmental protection

To protect aquatic organisms respect an unsprayed buffer zone to surface water bodies in the with LERAP requirements.

DO NOT ALLOW DIRECT SPRAY from any herbicide sprayer to fall within 5 m of the top of the bank of a river or flowing with planktonic Assessment for Pesicides (LERAP) permits a narrower buffer zone, or within 1 m from the top of a ditch which is dry at the time of application. Aim spray away from the water.

This product qualifies for inclusion within the Local Environmental Risk Assessment for Pesicides (LERAP) and before each spraying operation from a horizontal boom sprayer, either a LERAP must be carried out in accordance with CORD’s published guidelines or the statutory buffer can be maintained. The results from the LERAP must be recorded and kept available for three years.

To obtain the best efficacy, it is preferable to use PEAK at the 2 to 4 leaf stage of the weed targets.

PEAK is used at a rate of 0.02 ha/ha (20 grams/ha) with an approved non-ionic type adjuvant.

FOLLOWING CROPS AND RESEEDING

In the case of failure of a maize crop treated with PEAK, it is recommended to wait four weeks after treatment and to plough before re-sowing. Maize can then be re-sown.

Refoliated crops

Summer:

Winter:

Winter barley and winter beans can be followed a forage maize and grain maize crop respectively and therefore the soil has been ploughed to a depth of 15cm. Do not contaminate water with the product or its container. Do not use the spray equipment near surface water. Avoid contamination via drains from farmyard and roots. Extreme care must be taken to avoid spray drift onto non-crop plants outside the target area.

(d) Storage and disposal

KEEP IN ORIGINAL CONTAINER, tightly closed in a safe place. RINSE CONTAINER THOROUGHLY by using an integrated pressure rinsing device or manually rinsing three times. Add washings-out to drain onto land intended for cropping or growing crops.

To avoid subsequent injury to crops, immediately after spraying thoroughly clean the applica- tion equipment and protective clothing. Ensure that all traces of product are removed. The following recommendations are to be strictly followed:

1. Drain spray system completely. Rinse tank, spray boom and nozzles with clean water for several minutes and spray out.

2. Fill the spray tank with clean water and add to it sodium hypochlorite (5.2%) (commercial chlorine bleach) at a dose of 1 l of every 200 litres of full spray tank capacity and continue filling with clean water until sprayer is completely full. Agitate for 15 minutes and spray out cleaning solution through spray nozzles.

3. To remove traces of chlorine bleach, rinse the tank thoroughly with clean water and flush out through hose and boom.

4. Nozzles and filters should be removed and cleaned separately along with protective equipment.
IMPORTANT INFORMATION

FOR USE ONLY AS AN AGRICULTURAL HERBICIDE

Crop: Grain and Fodder Maize

Maximum total dose (kg/ha): 0.02

Maximum number of applications: 1 per crop

Latest time of application: 10 leaf stage of the crop

Other Specific Restriction: Do not apply to maize crops grown for seed production.

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.

Syngenta UK Ltd
CPC4 Capital Park, Fulbourn, Cambridge, CB21 5XE Tel: (01223) 883400

In case of toxic or transport emergency ring +44 (0)1484 538444 any time

100g
IMPORTANT INFORMATION

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Maximum total dose (kg/ha):
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100g
blocks weed growth by inhibiting the synthesis of amino acids.

PEAK is a post-weed emergence herbicide. It is absorbed by the leaves and roots of the plant and can be used effectively against a wide range of weeds, including:

- Common amaranth
- Common ragweed
- Shepherd’s purse
- Field pennycress
- Common fumitory
- Cut-leaved cress
- Common bugloss
- Hawkbit deadnettle
- Purple deadnettle
- Prickly sow-thistle
- Linaria sp.
- Milkwort

Spray Nozzles

Use a water volume of 150 - 300 litres per hectare.

MIXING AND SPRAYING

1. Fill sprayer with a minimum of 15 cm of water in the bottom and agitate vigorously. Pour PEAK through the sprayer lid. Add the non-ionic surfactant and continue agitation whilst adding the rest of the water.

2. Do not apply PEAK to forage maize and grain maize grown for seed production.

3. Do not apply PEAK to crops grown for seed production.

4. Do not rely on sulfonylurea herbicides as the sole means of weed control. The use of mixtures of this product with other classes of herbicides is recommended.

5. Resistance Strategy

- Control of broadleaved dock is of seedling growth only
- Treatment of chicory is achieved by spraying before the leaves have unfolded
- Treatment of amaranth is achieved by spraying before the seed heads are formed

6. WEED RESISTANCE

Resistance Strategies

Do not rely on sulfonylurea herbicides as the sole means of weed control. The use of mixtures or sequences with other herbicides can help control weeds with different modes of action, active against the same target weeds, is desirable. This will minimise the possible development of resistant weeds. Contact your distributor or Syngenta UK Limited for further information.

CROP SPECIFIC INFORMATION

Timing and Rates of Use
PEAK should be applied to the maize crop from the 2 leaf stage and no later than the 10 leaf stage.

Spray Nozzles

- Spot spray, broadcast, border application and beans may be sown in the following application of PEAK, do not sow any other crop at this time.

MIXING AND SPRAYING

Spray Volume

Use a volume of 150 - 300 litres per hectare.

Spray Nozzles

- A medium spray quality is preferred for application of PEAK (see BCPC guidelines). A spray pressure of 2.3 bar is recommended.

Herbicides

For the control of annual broad-leaved weeds in grain and forage maize.

Herbicide for the control of annual broad-leaved weeds in grain and forage maize.

750 g/kg of prosulfuron.

Resistance Strategy

- Control of broadleaved dock is of seedling growth only
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Resistance Strategies

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PEAK should be applied to the maize crop from the 2 leaf stage and no later than the 10 leaf stage.

Spray Nozzles

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MIXING AND SPRAYING

Spray Volume

Use a volume of 150 - 300 litres per hectare.

Spray Nozzles

- A medium spray quality is preferred for application of PEAK (see BCPC guidelines). A spray pressure of 2.3 bar is recommended.

Herbicides

For the control of annual broad-leaved weeds in grain and forage maize.

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750 g/kg of prosulfuron.

Resistance Strategy

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Resistance Strategies

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PEAK should be applied to the maize crop from the 2 leaf stage and no later than the 10 leaf stage.

Spray Nozzles

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MIXING AND SPRAYING

Spray Volume

Use a volume of 150 - 300 litres per hectare.

Spray Nozzles

- A medium spray quality is preferred for application of PEAK (see BCPC guidelines). A spray pressure of 2.3 bar is recommended.

Herbicides

For the control of annual broad-leaved weeds in grain and forage maize.

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Resistance Strategies

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CROP SPECIFIC INFORMATION

Timing and Rates of Use
PEAK should be applied to the maize crop from the 2 leaf stage and no later than the 10 leaf stage.

Spray Nozzles

- Spot spray, broadcast, border application and beans may be sown in the following application of PEAK, do not sow any other crop at this time.

MIXING AND SPRAYING

Spray Volume

Use a volume of 150 - 300 litres per hectare.

Spray Nozzles

- A medium spray quality is preferred for application of PEAK (see BCPC guidelines). A spray pressure of 2.3 bar is recommended.

Herbicides

For the control of annual broad-leaved weeds in grain and forage maize.

Herbicide for the control of annual broad-leaved weeds in grain and forage maize.

750 g/kg of prosulfuron.
PEAK is a post-emergence herbicide. It is absorbed by the leaves and roots of the plant and controls weeds in grain and forage maize.

Ensure spraying equipment is thoroughly washed out according to specific instructions after application of PEAK, do not sow any other crop at this time.

To avoid subsequent injury to crops, immediately after spraying thoroughly clean the applicator equipment and protective clothing. Ensure that all traces of product are removed. The following recommendations are to be strictly followed:

1. Drain spray system completely. Rinse tank, spray boom and nozzles with clean water for several minutes and spray out.
2. Half fill the spray tank with clean water and add to 1 sodium hypochlorite (5.2%) commercial chlorine bleach at a dose of 1 l/m for every 200 litres of full spray tank capacity and continue filling with clean water until sprayer is completely full. Add Agilator for 15 minutes and spray out cleaning solution through spray nozzles.
3. To remove traces of chlorine bleach, rinse the tank thoroughly with clean water and flush out through booms and boom washout ports.
4. Nozzles and booms should be removed and cleaned separately along with protective equipment.

PROTECT FROM FROST

SAFETY PRECAUTIONS
(a) Operator protection
AVOID ALL CONTACT WITH SKIN.
WASH HANDS AND EXPOSED SKIN before eating and drinking after work.
(b) Environmental protection
To protect aquatic organisms respect an unplanned buffer zone distance to surface water bodies in accordance with LERAP requirements. DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5 m of the top of the banks of a static or flowing water body, or within 1 m from the top of a ditch which is dry at the time of application. Aim spray away from water.

This product qualifies for inclusion within the Local Environmental Risk Assessment for Pesticides (LERAP) scheme. Before each spraying operation from a horizontal boom sprayer an LERAP must be carried out in accordance with CRD’s published guidance or the statutory requirements mentioned in this Section, see Section 16. The results from the LERAP must be recorded and kept available for three years.

To obtain the best efficacy, it is preferable to use PEAK at the 2 – 4 leaf stage of the weed targets. PEAK is used at a rate of 0.02 kg/ha (20 grams/ha) with an approved non-ionic type adjuvant. To obtain the best efficacy, it is preferable to use PEAK at the 2 – 4 leaf stage of the weed targets. PEAK is used at a rate of 0.02 kg/ha (20 grams/ha) with an approved non-ionic type adjuvant.

FOLLOWING CROPS AND RECOMMENDED USES
In the case of failure of a maize crop treated with PEAK, it is recommended to wait four weeks before sowing any other crop. maize can then be re-sown.

Relational crops
Autumn
Winter wheat, winter barley and winter beans can be followed by a maize crop and grain maize crop is recommended. For spring PEAK and follow the soil has been ploughed to a depth of 15 cm. Do not contaminate water with the product or container. Do not store spraying equipment near surface water. Avoid contamination via drains from farmyards and roads. Extreme care must be taken to avoid spray drift onto non-crop plants outside of the target area.

Storage and disposal
KEEP IN ORIGINAL CONTAINER, tightly closed in a safe place. Rinse container thoroughly by using an integrated pressure rinsing device or manually rinsing three times. Add washings to spray at time of filling and dispose of safely.
PEAK is a water dispersable granule containing 1.0% w/w of aminotriazole (a.i.).

**Product names marked ® or ™, the ALLIANCE FRAMEWORK, the SYNGENTA logo and the PURPOSE ICON are trade marks of Syngenta Seeds & Genetix Limited. The product label provides information on a specific pesticidal use of the product; do not use otherwise, unless you have assessed any potential hazard involved, the safety measures and the impacts on the environment.**

**Section 2 of the Health and Safety at Work Act** Additional Product Safety Information

**This section does not form part of the product label under the Plant Protection Products Regulations 1995.**

The product label provides information on a specific pesticidal use of the product; do not use otherwise, unless you have assessed any potential hazard involved, the safety measures and the impacts on the environment.

**Labelling:** Regulation (EC) No. 1272/2008

**Telephone:** +44 (0) 1455 635444

**Product codes listed for the EU CLASSE FIANCE d’un produit et de la PROTECTION DE L’ENVIRONNEMENT.**

**Section 1 - Identification of the Substance/Antagonist and of the Company Undertaking**

<table>
<thead>
<tr>
<th>Product Name</th>
<th>PEAK</th>
</tr>
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<tbody>
<tr>
<td>Trade Name</td>
<td>Syngenta UK Limited</td>
</tr>
<tr>
<td>Description</td>
<td>DFCA, Capital Park, Fulham Business Park, SW6 1SF</td>
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</table>

**Product registration number: MAPP 15521**

PEAK is a water dispersable granule containing 750 g/kg of prosulfuron. Herbicide for the control of annual broad-leaved weeds in maize and sugar beet.

**Mixing and Spraying**

Make sure the sprayer is set to give an even application at the correct volume.

**Dry Mixing**

- **Sprayers with Induction Hoppers**
  - Fill sprayer with a minimum of 15 cm of water in the bottom and agitate vigourously. Pour PEAK through the sprayer hopper. Add the non-ionic surfactant and continue agitation whilst adding the rest of the water.
  - Add the mixture temporarily through hose and continue agitation during spraying.
  - Take particular care to avoid overlapping spray swathes.
  - Thoroughly wash all spray and mixing equipment with water according to the directions below immediately after use.

**Washing-out instructions**

To avoid subsequent injury to crops, immediately after spraying thoroughly clean the application equipment and protective clothing. Ensure that all traces of product are removed. The following recommendations are to be strictly followed:

1. Drain spray system completely. Rinse tank, spray boom and nozzles with clean water for several minutes and spray out.
2. Half fill the spray tank with clean water and add to it sodium hypochlorite (5.2%) (commercial chlorine bleach) at a dose of 1 litre for every 250 litres of full spray tank capacity and continue filling with clean water until sprayer is completely full. Agitate for 15 minutes and spray out cleaning solution through spray nozzles.
3. To remove traces of chlorine bleach, rinse the tank thoroughly with clean water and flush through hoses and boom.
4. Nozzles and boom should be removed and cleaned separately along with protective equipment.

**PROTECT FROM FROST**

- **Safety Precautions**
  - **Operator protection and equipment**
    - WASH HANDS AND EXPOSED SKIN before eating and drinking and after work.
  - **Environmental protection**
    - To protect aquatic organisms respect an unsprayed buffer zone of 50 cm to 1 m for the border of the bank of a static or flowing water body.
    - Do not contaminate water with the product or its container. Do not clean application equipment near surface water. Avoid contamination via drains from farmyard or fields. Extreme care must be taken to avoid spray drift onto non-crop plants outside of the target area.

**Following Crops and Recultivation**

In the case of failure of a maize crop treated with PEAK, it is recommended to wait four weeks after treatment and to plough before re-sowing. Maize can then be re-sown.

**Health and Safety**

- **Aim spray away from water.**
- **Do not allow direct spray from horizontal boom sprayers to fall within 5 m of the top of the bank of a static or flowing water body.**
- **DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5 m of the top of the bank of a static or flowing water body.**
- **Do not spray where there is a risk of spray drift onto non-crop plants outside of the target area.**
- **Storage and disposal**
  - **KEEP IN ORIGINAL CONTAINER, tightly closed in a safe place.**
  - **USE PRODUCT WITHIN 24 HOURS.**
  - **DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5 m of the top of static or flowing water body.**

**Section 6 of the Health and Safety at Work Act** Additional Product Safety Information

This section does not form part of the product label under the Plant Protection Products Regulations 1995.

The product label provides information on a specific pesticidal use of the product; do not use otherwise, unless you have assessed any potential hazard involved, the safety measures and the impacts on the environment.

**Classifications according to Regulation (EC) 1272/2006**

<table>
<thead>
<tr>
<th>Category</th>
<th>Health hazard</th>
<th>Environment hazard</th>
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<tr>
<td>Category 1</td>
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<tr>
<td>Category 4</td>
<td>Harmless</td>
<td>Harmless</td>
</tr>
</tbody>
</table>

**Guidance for the Environment**

- **Harmful** (or lethal) Toxic to aquatic species, may cause long-term harm effects in the aquatic environment.

**2.2 Label elements**

Labelled according to (EC) No. 98/8/EC.
WEEDS CONTROLLED
PEAK can be used to control the following weeds between 2-4 true leaf stage in maize. PEAK is a post-emergence herbicide. It is absorbed by the leaves and roots of the plant and blocks weed growth by inhibiting the synthesis of amino acids.

Washing-out instructions
To avoid subsequent injury to crops, immediately after spraying thoroughly clean the application equipment and protective clothing. Ensure that all traces of product are removed. The following recommendations are to be strictly followed:

1. Drain spray system completely. Rinse tank, spray boom and nozzles with clean water for several minutes and spray out.
2. Half fill the spray tank with clean water and add to it sodium hypochlorite (5.2%) (commercial chlorine bleach) at a dose of 1 l/m for every 200 l of full spray tank capacity and continue filling with clean water until sprayer is completely full. Agitate for 15 minutes and spray out cleaning solution through spray nozzles.
3. To remove traces of chlorine bleach, rinse the tank thoroughly with clean water and wash out through nozzles and boom.
4. Nonthionine should be removed and cleaned separately along with protective equipment.

PROTECT FROM FROST

SAFETY PRECAUTIONS
(a) Operator protection
WASH HANDS AND EXPOSED SKIN before eating and drinking and after work.

(b) Environmental protection
To protect aquatic organisms respect an unsprayed buffer zone distance to surface water bodies in line with LERAP requirements. Do NOT ALLOW DIRECT SPRAY FROM horizontal boom sprayers to fall within 5 m of the top of the banks of a static or flowing water body, unless a Local Environmental Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 1 m from the top of a ditch which is dry at the time of application. Aim spray away from water. This product qualifies for inclusion within the Local Environmental Risk Assessment for Pesticides (LERAP) scheme. Before each spraying operation from a horizontal boom sprayer, either a LERAP must be carried out in accordance with CRD's published guidance or the statutory buffer canes must be maintained. The results from the LERAP must be recorded and kept available for three years.

To obtain the best efficiency, it is preferable to use PEAK at the 2-4 leaf stage of the weed targets. PEAK is used at a rate of 0.02 kg/ha (20 grams/ha) with an approved non-ionic type adjuvant.

FOLLOWING CROPS AND RECULTIVATION
In the case of failure of a maize crop treated with PEAK, it is recommended to wait four weeks after treatment and to plough before re-sowing. Maize can then be re-sown.

Washing-out instructions

Mixing and Spraying
Make sure the sprayer is set to give an even application at the correct volume.

Dry Mixing. Sprayers with Induction Hoppers
Fill sprayer to 15% of tank capacity with water and start agitation. Pour PEAK into the induc- 
tion hopper and open valve in bottom of hopper to suck the granules into the circulating spray 
ring. Continue adding PEAK until loading is complete. Wash down any granules on the hopper 
wall and close valve. Add the non-ionic surfactant and continue agitation whilst adding the 
rest of the water.

Sprayers Without Induction Hoppers
Fill sprayer with a minimum of 15 cm of water in the bottom and agitate vigorously. Pour PEAK 
through the sprayer lid, add the non-ionic surfactant and continue agitation whilst adding the 
rest of the water.

Agitate the mixture thoroughly before use and continue agitation during spraying. 
Take particular care to avoid overlapping spray swathes. 
Thoroughly wash all spray and measuring equipment with water according to the directions 
below immediately after use.

Spray nozzles should be thoroughly washed and rinsed out according to the directions 
below immediately after use.

Do not allow washings-out to drain onto land intended for cropping or growing crops. 
Ensure spraying equipment is thoroughly washed out according to specific instructions after 
use.

Do not apply washings-out to drain onto land intended for cropping or growing crops. 
Special care should be taken to avoid damage by drift to broad-leaved plants outside the target 
area or land intended for cropping e.g. beet, sunflower, oilseed rape, vegetable crops.

Do not rely on sulfonylurea herbicides as the sole means of weed control. The use of mixtures 
with other crop protection products is recommended to delay the development of weed 
resistance.

*Control of broadleaved dock is of seedling growth only

Harmful for the environment, may cause long-term adverse effects in the aquatic environment.

Harmful if swallowed

Note for Old Sprayers with Indirect Venturi Induction Hoppers
Fill sprayer to 15% of tank capacity with water and start agitation. Pour PEAK into the induc-
tion hopper and open valve in bottom of hopper to suck the granules into the circulating spray 
ring. Continue adding PEAK until loading is complete. Wash down any granules on the hopper 
wall and close valve. Add the non-ionic surfactant and continue agitation whilst adding the 
rest of the water.

Rinse tank, spray boom and nozzles with clean water for several minutes and spray out.

Take particular care to avoid overlapping spray swathes. 
Thoroughly wash all spray and measuring equipment with water according to the directions 
below immediately after use.

Do not rely on sulfonylurea herbicides as the sole means of weed control. The use of mixtures 
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wall and close valve. Add the non-ionic surfactant and continue agitation whilst adding the 
rest of the water.

Rinse tank, spray boom and nozzles with clean water for several minutes and spray out.

Take particular care to avoid overlapping spray swathes. 
Thoroughly wash all spray and measuring equipment with water according to the directions 
below immediately after use.

Do not rely on sulfonylurea herbicides as the sole means of weed control. The use of mixtures 
with other crop protection products is recommended to delay the development of weed 
resistance.

*Control of broadleaved dock is of seedling growth only

Harmful for the environment, may cause long-term adverse effects in the aquatic environment.

Harmful if swallowed

Note for Old Sprayers with Indirect Venturi Induction Hoppers
Fill sprayer to 15% of tank capacity with water and start agitation. Pour PEAK into the induc-
tion hopper and open valve in bottom of hopper to suck the granules into the circulating spray 
ring. Continue adding PEAK until loading is complete. Wash down any granules on the hopper 
wall and close valve. Add the non-ionic surfactant and continue agitation whilst adding the 
rest of the water.

Rinse tank, spray boom and nozzles with clean water for several minutes and spray out.

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below immediately after use.
blocks weed growth by inhibiting the synthesis of amino acids. PEAK is a post-weed emergence herbicide. It is absorbed by the leaves and roots of the plant and then translocated within the plant before use. 

**WEEDS CONTROLLED**

PEAK can be used to control the following weeds between 2–4 true leaf stage in maize. PEAK is a post-emergence herbicide. Do not use during periods of frosty weather when frost is imminent, or onto crops under stress from frost, waterlogging, insect attack or drought.

**CROP SPECIFIC INFORMATION**

Do not rely on sulfonylurea herbicides as the sole means of weed control. The use of mixtures of sulfonylurea herbicides is not recommended. If sulfonylurea herbicides are used, they should be used in sequence with contact herbicides. *Control of broadleaved dock is of seedling growth only. Do not rely on sulfonylurea herbicides as the sole means of weed control.*

**DIRECTIONS FOR USE**

**Mixing and Spraying**

Make sure the sprayer is set to give an even application at the correct volume. Dry Mixing – Sprayers with Induction Hoppers Fill sprayer to 10% of tank capacity with water and start agitation. Pour PEAK into the induction hopper and open valve in bottom of hopper to suck the granules into the circulating spray mix. Continue adding PEAK until loading is complete. Wash down any granules on the hopper wall and close valve. Add the non-ionic surfactant and continuous agitation whilst adding the rest of the water. Agitate the mixture thoroughly before use and continue agitation during spraying.

Take particular care to avoid overlapping spray swathes. Thoroughly wash all spray and measuring equipment with water according to the directions below immediately after application.

**Washing-out instructions**

To avoid subsequent injury to crops, immediately after spraying thoroughly clean the application equipment and protective clothing. Ensure that all traces of product are removed. The following recommendations are to be strictly followed:

1. Drain spray system completely. Rinse tank, spray boom and nozzles with clean water for 5 minutes and spray out.
2. Half fill the spray tank with clean water and add to it sodium hypochlorite (5.2%) (commercial chlorine bleach) at a dose of 1 l/m of water. For every 200 l/m a 2% surfactant can be added. For 15 minutes spray out cleaning solution through spray nozzles.
3. To remove traces of chlorine bleach, rinse the tank thoroughly with clean water and wash out through hose and boom.
4. Nozzles should be removed and cleaned separately along with protective equipment.

**PRODUCT PROTECTION**

PEAK is a post-emergence herbicide. It is absorbed by the leaves and roots of the plant and translocated within the plant before use.

**SAFETY PRECAUTIONS**

(a) Operator protection

Avoid ALL CONTACT with SKIN. WASH HANDS AND EXPOSED SKIN before eating and drinking and after work.

(b) Environmental protection

To protect aquatic organisms respect an unsprayed buffer zone of 3 m to the LERAP requirements. Do not use spray equipment that allows drift to fall within 3 m of the bank of a river or flowing water body.

This product qualifies for inclusion within the Local Environmental Risk Assessment for Pesticides (LERAP) scheme. Before each spraying operation from a horizontal boom sprayer, either a LERAP must be carried out in accordance with CRD's published guidance or the statutory buffer zone can be maintained. The results from the LERAP must be recorded and kept available for three years.

To obtain the best efficacy, it is preferable to use PEAK at the 2-4 leaf stage of the weed targets. PEAK is used at a rate of 0.020 kg/ha (20 grams/ha) with an approved non-ionic type adjuvant.

**FOLLOWING CROPS AND RECULTIVATION**

In the case of failure of a maize crop treated with PEAK, it is recommended to wait four weeks after treatment and to plough before re-sowing. Maize can then be re-sown.

**Application**

Winter wheat, winter barley and winter beans can be a follow-on maize and grain maize crop. Please refer to the label for the soil that has been ploughed to a depth of 15 cm. Do not contaminate water with the product or container. Do not clean application equipment near surface water. Avoid contamination via drains from farmyards and roads. Extreme care must be taken to avoid spray drift onto non-crop plants outside of the treated area.

**Storage and disposal**

KEEP IN ORIGINAL CONTAINER, tightly closed in a safe place. RINSE CONTAINER THOROUGHLY and discard its contents and container. Use only as directed. A Logo and the PURPOSE ICON

**SECTION 6 – Health and Safety at Work/Additional Product Safety Information**

This section does not form part of the product label under the Plant Protection Products Regulations 1995.

The product label provides information on a specific pesticidal use of the product; do not use otherwise, unless you have accepted any potential hazard or risk. If you are uncertain of what to do, contact the supplier. The product label gives the following information on a particular use of the product: it is not intended for any other use.

**PRODUCT IDENTIFICATION**

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