

Peak® **GROUP 2 HERBICIDE**

PEAK® is a water dispersible granule containing 750 g/kg prosulfuron.

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



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

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

Syngenta UK Limited,
Jealott's Hill International Research Centre,
Bracknell, Berkshire, RG42 6EY
Tel +44 (0) 1223 883400

PROTECT FROM FROST. SHAKE WELL BEFORE USE

100g

Product names marked ® or ™, the ALLIANCE FRAME the SYNGENTA Logo and the PURPOSE ICON are Trademarks of a Syngenta Group Company



The
Voluntary
Initiative

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

PEAK®

A water dispersible granule containing 750 g/kg prosulfuron.

Warning

Harmful if swallowed.

Very toxic to aquatic life with long lasting effects.

Wash skin thoroughly after handling.

Do not eat, drink or smoke when using this product.

IF SWALLOWED: Call a POISON CENTRE/ doctor if you feel unwell.

Rinse mouth.

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.**

MAPP 15521 UFI: 4E78-303H-2003-OUFJ



L1133040 GBRV02D PPE 4226383

L1133040 GBRV02D PPE 4226383

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 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 bank 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 zone must be maintained. The results from the LERAP must be recorded and kept available for three years.

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.

Extreme care must be taken to avoid spray drift onto non-crop plants outside of the target area.

(c) 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 sprayer at time of filling and dispose of safely.

IMPORTANT INFORMATION

FOR USE ONLY AS AN AGRICULTURAL HERBICIDE

Crop	Maximum total dose (kg/ha)	Maximum number of applications	Latest time of application
Grain and Fodder Maize	0.02	1 per crop	10 leaf stage of the crop

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

A maximum total dose of 15g of prosulfuron per hectare may only be applied every third year on the same field.

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.

This leaflet is part of the approved Product Label.

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.

A maximum total dose of 0.02kg PEAK per hectare may only be applied every third year on the same field.

Only treat healthy maize, preferably in good growing conditions, when the vegetation is dry, and not during periods of high temperature.

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 organo-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 d rain onto land intended for cropping or growing crops.

WEEDS CONTROLLED

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

Weed	PEAK at 0.020 kg/ha + non-ionic wetting agent
Common amaranth	MS
Mayweeds	S
Common ragweed	S
Annual mercury	MS

Weed	PEAK at 0.020 kg/ha + non-ionic wetting agent
Shepherd's purse	S
Scarlet pimpernel	S
Fat hen	MS
Black nightshade	R
Common fumitory	S
Knotgrass	S
Cut-leaved cranesbill	R
Black bindweed	S
Common bugloss	S
Redshank	S
Henbit deadnettle	R
Broadleaved dock*	S
Purple deadnettle	R
Common groundsel	S
Prickly sow-thistle	S

Weed	PEAK at 0.020 kg/ha + non-ionic wetting agent
Common chickweed	S
Linaria sp.	R
Common field speedwell	R

*Control of broadleaved dock is of seedling growth only

KEY: S = susceptible, MS = moderately susceptible, R = resistant

WEED RESISTANCE

Resistance Strategy

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.

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. A maximum total dose of 0.02kg PEAK per hectare may only be applied every third year on the same field.

FOLLOWING CROPS AND RECULTIVATION

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.

Rotational crops

Autumn

Winter wheat, winter barley and winter beans can follow a forage maize and grain maize crop treated with PEAK provided the soil has been ploughed to a depth of 15cm

Spring

Spring wheat, spring barley, spring peas and beans may be sown in the spring following application of PEAK, do not sow any other crop at this time.

MIXING AND SPRAYING

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 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 continue agitation whilst adding the rest of the water.

Note for Old Sprayers with Indirect Venturi Induction Hoppers

In the unlikely event of problems occurring during dry induction of the granules (blocked venturi), open the rinse ring and add water to the hopper. As soon as product induction continues, carry on adding product until the required amount is reached.

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.

Washing-out instructions

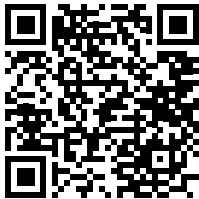
To avoid subsequent injury to crops, immediately after spraying thoroughly clean the application equipment and protective clothing. Ensure that all traces of product are removed. The following recommendations are to be strictly followed:

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

To access the Safety Data Sheet for this product, scan QR code:



Alternatively, contact your supplier.

Peak® GROUP 2 HERBICIDE

PEAK® is a water dispersable granule containing 750 g/kg prosulfuron.

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



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

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

Syngenta UK Limited,
Jealott's Hill International Research Centre,
Bracknell, Berkshire, RG42 6EY
Tel +44 (0) 1223 883400

PROTECT FROM FROST. SHAKE WELL BEFORE USE

100g

Product names marked ® or ™, the ALLIANCE FRAME the SYNGENTA Logo and the PURPOSE ICON are Trademarks of a Syngenta Group Company



The
Voluntary
Initiative

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

PEAK®

A water dispersable granule containing 750 g/kg prosulfuron.

Warning

Harmful if swallowed.

Very toxic to aquatic life with long lasting effects.

Wash skin thoroughly after handling.

Do not eat, drink or smoke when using this product.

IF SWALLOWED: Call a POISON CENTRE/ doctor if you feel unwell.

Rinse mouth.

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.**

MAPP 15521 UFI: 4E78-303H-2003-OUFJ



L11 33040 GBRI/02D PPE 4226383

L11 33040 GBRI/02D PPE 4226383