

**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 or when handling contaminated surfaces.

However, engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection. **AVOID CONTACT WITH SKIN.**

WASH HANDS AND EXPOSED SKIN before eating and drinking and after work.

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 farmyards and roads. **TAKE EXTREME CARE TO AVOID DRIFT ONTO NON-TARGET 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 sprayer at time of filling and dispose of the container safely.

DIRECTIONS FOR USE

NOTE: These Directions for Use form part of the Approved Product label and must be read before using the product.

GENERAL INFORMATION

NOTION is a residual herbicide containing clomazone. It is formulated as a microcapsule suspension and should be applied to the soil prior to crop and weed emergence in all varieties of winter oilseed rape, potato, combining pea (spring), vining pea, winter and spring field beans, and carrots to control the listed broad-leaved weeds. Clomazone blocks the synthesis of vital plant pigments, such as those required for photosynthesis. It is absorbed by the target weeds during germination causing the weeds to emerge with bleached or discoloured leaves and they quickly die.

WARNINGS AND RESTRICTIONS

DO NOT APPLY TO CROPS EMERGED AT THE TIME OF APPLICATION since they will be severely damaged. **DO NOT** apply under windy conditions since extreme care must be taken to avoid spray drift which can cause severe damage or complete destruction of plants outside the target area. **DO NOT ALLOW SPRAY SWATHS TO OVERLAP** as crop damage may occur.

Do not apply to broadcast crops and do not cultivate after application since physical separation of the seed from the chemical is required for crop safety.

Do not use on sands, very light soils or on soils with more than 10% organic matter content or on any soil with poor or compacted soil structure or that is subject to waterlogging. Reduced levels of weed control may occur if a prolonged dry period follows application or if it is used on dry cloddy seedbeds since weathering of the clods after treatment can expose untreated areas.

Under certain climatic conditions, some transient discoloration of the crop foliage may occur, which can be particularly severe if heavy rain falls soon after application. These transient symptoms are quickly outgrown and have no adverse effect on crop yield.

Any trace of NOTION remaining in the sprayer after use can cause damage to other crops subsequently treated with the same equipment. It is therefore vital to immediately clean the sprayer and all equipment as detailed in the section "AFTER SPRAYING" after use.

The safety of NOTION to daughter tubers in potatoes has not been tested; consult the manufacturer or your advisor before using on seed crops. Contract agents should be consulted before using on crops grown for seed. Effects on processed crops have not been established. Consult processor before using NOTION on crops intended for processing.

There is a risk to adjacent crops and non-crop vegetation from the volatilisation of NOTION. It may result in damage/bleaching to neighbouring plants. If these effects are seen they must be reported via the Stewardship Programme. Consult your crop advisor or distributor on how to access this programme.

RESISTANCE MANAGEMENT

There is a moderate risk for the development of weed resistance to NOTION and growers should adopt a programme to manage or reduce the risk of resistance. This includes:

- Using cultural methods of weed control in conjunction with other herbicides with a different mode of action that are active against the target species.
- Follow label recommendations, use the correct spray nozzles and water volumes and only apply under appropriate weather conditions

The Weed Resistance Action Group have produced guidelines on managing resistance which are available from the HGCA, CPA, your distributor or crop advisor. Any strategy should be based on Good Agricultural Practice. Reduce the risk of spreading weed infestations on farm equipment, use good spraying practice and monitor herbicide performance. Report any unexpected results to AgChem Access Limited.

APPLICATION

Make sure the spraying equipment is cleaned from any previous applications before use and that it is calibrated to apply the recommended spray volume (200-400 litres/ha) at the correct pressure through COARSE spray nozzles as classified by BCPC. After use, make sure the sprayer and all equipment are thoroughly cleaned as detailed in the section "AFTER SPRAYING". Do not allow the spray boom to bounce or yaw, and ensure an even coverage of the soil surface.

Apply to seedbeds that are level, moist, of a fine tilth and free from clods. Loose or puffy seedbeds should be consolidated by rolling or other cultivations prior to application. The seed of all crops should be covered by at least 20mm (3/4 inch) of soil to ensure adequate crop safety. Where a crop has been direct-drilled, the drill slits must be closed by harrowing across the direction of drilling prior to application. Where direct drilled crops are treated then ploughing and cultivating to a depth of 15 cm must take place before the planting of any subsequent crop. Do not apply to broadcast crops.

MIXING

Half fill the sprayer tank with clean water and begin gentle agitation. Add the required quantity of NOTION into the sprayer tank and allow to disperse fully. Rinse any empty containers thoroughly by using an integrated pressure rinsing device or manually rinsing three times. Add the washings to the sprayer and continue agitation whilst topping up the tank with water to the required level. Continue agitation until the mix is sprayed out. Spray immediately after mixing; do not allow the mixture to stand in the sprayer.

Notion

A residual herbicide for the control of a range of annual weeds in oilseed rape, potato, carrot, vining pea, combining pea (spring), field bean (winter) and field bean (spring).

**Contains 360 g/L
(30.3%w/w) clomazone
as a capsule suspension**

**HERBICIDE
MAPP 16773**

For 24 hour emergency contact Carechem 24: 01865 407333

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

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Important Information FOR USE ONLY AS AN AGRICULTURAL HERBICIDE			
Crops/Situations	Maximum Individual Dose (litres of product per ha)	Maximum Total Dose (litres of product per ha)	Latest Time of Applications
Oilseed rape (winter), field bean (winter)	0.33	0.33 per crop	Pre-crop emergence
Potato, carrot, combining pea (Spring), vining pea, field bean (Spring)	0.25	0.25 per crop	Pre-crop emergence
Other specific restrictions: Do not treat two consecutive crops of carrots with any product containing clomazone in one calendar year. READ THE LABEL BEFORE USING. USING THIS PRODUCT IN A MANNER THAT IS INCONSISTANT WITH THE LABEL MAY BE AN OFFENCE. FOLLOW THE CODE OF PRACTICE FOR USING PLANT PROTECTION PRODUCTS			

WEEDS CONTROLLED

Weeds which are susceptible to a pre-emergence application of NOTION at the recommended rate are:

Cleavers Red dead-nettle
Common Chickweed hepherd's-purse
Fat-hen (moderately susceptible)

CROP RECOMMENDATIONS

Winter Oilseed Rape: NOTION may be used on all varieties of winter oilseed rape. Apply as soon as possible after sowing the crop and before emergence of crop and weeds. Apply 0.33 litres per hectare in 200-400 litres as a COARSE spray (BCPC).

Field Bean (winter): NOTION may be used on all varieties of field bean (winter). Apply as soon as possible after sowing and before emergence of the crop and weeds. Apply 0.33 litres per hectare in 200-400 litres as a COARSE spray (BCPC).

Potato: The seed potatoes should be covered by at least 20mm (3/4 inch) of soil to ensure adequate crop safety. NOTION may be used pre-emergence of crop and weeds on all varieties of potato. It should be applied as soon as possible after the last ridging operation and before the soil starts to crack (usually about 7 days before emergence). Apply 0.25 litres per hectare in 200-400 litres as a COARSE spray (BCPC).

Carrot, combining pea (spring), vining pea, field bean

(spring): NOTION may be used pre-emergence of crop and weeds on all varieties of carrot, combining pea (spring), field bean (spring) and vining pea. Apply as soon as possible after sowing and before emergence of the crop and weeds. Apply 0.25 litres per hectare in 200-400 litres as a COARSE spray (BCPC).

Note: Do not treat two consecutive crops of carrots with any product containing clomazone in one calendar year.

FOLLOWING CROPS: After normal harvest of any crop treated with NOTION, the soil must be ploughed and cultivated to a depth of at least 15cm prior to planting any of the following crops: cereals, oilseed rape, field beans, potatoes, combining peas, maize, linseed, sugar beet, turnips.

Do not sow or plant any crop not listed above in the season immediately following a crop treated with NOTION since crop damage may occur.

CROP FAILURE: In the event that a crop treated with NOTION should fail for any reason, observe the restrictions listed in this section to determine the crops that may be planted as a replacement for the failed crop and note the time interval that must have elapsed before they can be planted. Before sowing or planting any of the listed crops following failure of a treated crop, the soil must be ploughed and cultivated to a depth of at least 25cm.

Options for replacement of autumn-treated failed crops, i.e. winter oilseed rape and winter field beans

Time of intended planting	Options for replacement crops	Required interval since application of NOTION
Autumn/Winter	Winter cereals Winter field beans	At least 6 weeks must have elapsed since application to the failed crop
Spring	Combining peas Field beans Potato Spring cereals Maize Onion Carrots Linseed Turnips	At least 6 weeks must have elapsed since application to the failed crop. At least 7 months must have elapsed since application to the failed crop

No crops should be planted in the following season after application of NOTION other than those listed in the table above.

Options for replacement of spring-treated failed crops (i.e. Potato, carrot, vining pea, spring combining pea and spring field beans)

Time of intended planting	Options for replacement crops	Required interval since application of NOTION
Spring	Combining peas Field beans Potato Carrots Sugar beet Onion Linseed Turnips	At least 6 weeks must have elapsed since treatment of the failed crop
	Maize Dwarf French beans	At least 9 weeks must have elapsed since treatment of the failed crop
Winter	As for crops to follow normal harvest of a treated crop	

Do not sow or plant any replacement crop not listed above in the spring after failure of any crop treated with NOTION.

AFTER SPRAYING

Any trace of NOTION remaining in the sprayer after use can cause damage to other crops subsequently treated with the same equipment. Immediately after use, thoroughly clean the sprayer and all equipment with a proprietary detergent cleaner. It is essential that all nozzles, filters, tubing, strainers, pumps and the spray tank are thoroughly cleaned after use. Spray equipment must not be drained or flushed onto land planted with or intended for planting with trees or crops other than oilseed rape, beans and peas.

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 or 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.

AgChem
ACCESS
The Generic Agrochemical Portal

**PROTECT FROM FROST
SHAKE WELL BEFORE USE
STORE IN A COOL DRY PLACE**

For Batch No. and Prod. Date See Can.



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