

GROUP 13 HERBICIDE

UPSTAGE[®]

HERBICIDE

MAPP 18984

A SELECTIVE, SYSTEMIC HERBICIDE FOR WINTER OILSEED RAPE AND POTATOES

UPSTAGE is a herbicide for use on a range of annual broadleaved weeds in winter oilseed rape and potatoes. A capsule suspension (CS) containing 360 g/L (31.2% w/w) of clomazone.

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

Warning

Causes skin irritation.

Causes serious eye irritation.

Very toxic to aquatic life with long lasting effects.

Avoid release to the environment.

Wear protective gloves/protective clothing/eye protection/face protection.

IF ON SKIN: Wash with soap and water.

IF IN EYES: Rinse cautiously with water several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

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.

Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

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



PROTECT FROM FROST
SHAKE WELL BEFORE USE

For 24 hour emergency information contact:
CARECHEM24 : +44 (0)1235 239670

For Batch Number and Manufacturing Date see container.

UPL Europe Ltd.
Engine Rooms (1st Floor),
Birchwood Park,
Warrington, WA3 6YN
Telephone: 01925 819999
Fax: 01925 817425

5 LITRES



GB UPSTAGE 5L 0722

A1.1 UPSTAGE UK 2501 20 NoA 3422-19



**IMPORTANT INFORMATION
FOR USE ONLY AS A PROFESSIONAL HERBICIDE**

Crops/situations:	Maximum individual dose: (L product/ha)	Maximum number of treatments: (per annum)
Oilseed rape (winter)	0.33 pre-crop emergence	1
Potato	0.25 pre-crop emergence	1

OTHER SPECIFIC RESTRICTION:

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

READ THE LABEL BEFORE USING THIS PRODUCT AND USE AS DIRECTED. TO USE OTHERWISE 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: Operators must wear suitable protective clothing (coveralls), suitable protective gloves and face protection (faceshield) when handling the concentrate.

Operators must wear suitable protective gloves 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.

WASH HANDS AND EXPOSED SKIN before meals and after work.

ENVIRONMENTAL PROTECTION:

To protect non-target plants respect an untreated buffer zone of 5 meters to non-crop land.

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

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.

STORAGE:

Warehouse storage: Store in a cool, dry and well-ventilated area. Keep from contact with fertilisers, herbicides, fungicides and seeds during storage.

Use level storage: Store in tightly-closed original container, in a cool, dry area. Keep out of reach of children. Do not contaminate water, food, or feed by storage or disposal.

DISPOSAL OF PLANT PROTECTION PRODUCT AND PACKAGING:

Plant protection product: dispose of according to local regulations. Controlled incineration in a licensed facility is the preferred mode of disposal.

Packaging: rinse well and render unusable by puncturing the bottle. Dispose of as hazardous waste according to local regulations.

UPTAKE INTO THE PLANT

UPSTAGE is a residual herbicide which can be used in all varieties of winter oilseed rape and potatoes. Crop plants emerged at the time of application may be severely damaged.

UPSTAGE acts by inhibition of the biosynthesis of photosynthetic pigments leading to bleaching symptoms on susceptible weed species. Susceptible weeds emerge but are lacking pigmentation and plant death occurs shortly afterwards.

DIRECTIONS FOR USE

IMPORTANT: The product should be applied following the principles of Good Agricultural Practice. The following instructions need to be carefully read to obtain safe and effective use of this product.

WARNING AND RESTRICTIONS:

1. Avoid damage by drift onto non target crops and plants.
2. DO NOT allow drift to come into contact with non-target crops or plants.
3. Under certain climatic conditions, i.e., hot and humid weather, clomazone has the potential to volatilize and some transient bleaching of non-target crops and other plant species may occur. This transient crop effect is rapidly outgrown and has no effect on plant growth or crop yield.

4. The use of drift reducing measures are advised and these include: the use of low drift nozzles. Only spray when wind speeds are between 1.2 –4 miles per hour and maintain an appropriate boom height and forward speeds. Use a spray volume of 200 –400 L. Refer to the Voluntary Initiative 'Nozzle selection and maintenance best practice guide' at www.voluntaryinitiative.org.uk.
5. Use immediately, do not leave spray solution standing in the spray tank.
6. Do not apply to broadcast crops.
7. Do not use on soils that are compacted or of a poor structure which may then be liable to water logging.
8. Reduced levels of weed control may occur if application is made to dry cloddy seedbeds or if a prolonged dry period follows application.
9. Consult processor before using on potatoes grown for processing.
10. The safety of UPSTAGE to potato daughter tubers or seed has not been tested, contact the manufacturer or your advisor before using on seed crops.
11. **There is a risk to adjacent crops and non-crop vegetation from the volatilisation of UPSTAGE. This may result in damage/bleaching to neighbouring vegetation. If effects are seen they must be reported via the Stewardship Programme (see uk.uplonline.com or contact your crop protection distributor or adviser).**

RESISTANCE:

UPSTAGE contains clomazone, classified as a group F3 herbicide by HRAC (Herbicide Resistance Action Committee). Repeated use of herbicides with the same mode of action can increase the risk of strains of weeds developing resistance to these compounds, leading to poor control. In order to minimise the risk, a strategy for preventing and managing such risk should be adopted.

The above should be used in conjunction with effective cropping rotation and cultivation techniques.

Further information is available from the HRAC and WRAG (Weed Resistance Action Group).

As part of Good Agricultural Practice, steps should be taken to adopt a resistance management strategy as standard. UPSTAGE should be alternated with herbicides with a different mode of action and a similar spectrum of activity. Any subsequent herbicide applications should be made using herbicides with a different mode of action.

WEED CONTROL:

The following weeds are susceptible to UPSTAGE when applied pre-emergence to a moist, firm seedbed free from clods:

Timing	Pre-emergence	Pre- emergence
Crop	Winter Oilseed rape	Potatoes
Rate of application	0.33 l product/ha	0.25 l product/ha
Broad leaved weeds		
Fat hen	S	MR
Red dead- nettle	S	MR

Shepherds pursue	S	S
Chickweed	S	S
Cleavers	S	MS

S : Susceptible

MS: moderately susceptible

MR: moderately resistant

TIMING OF APPLICATION:

Winter oilseed rape and potatoes:

UPSTAGE should be applied as soon as possible following sowing of the crop and before emergence of both the crop and target weeds.

DOSE

- 0.33 L product/ha in winter oilseed rape
- 0.25 L product/ha in potatoes

VOLUME AND SPRAY QUALITY:

Apply in 200 –400 litres of water per hectare as a COARSE spray. When applying UPSTAGE care should be taken to avoid overlap of spray swaths.

SOIL TYPE:

Do not use UPSTAGE on sands or very light soils. Do not use on soils with more than 10% organic matter.

SEED DEPTH:

It is important for crop safety that the seed is covered by a minimum of 20mm of soil. Direct-drilled crops should be harrowed across slits to cover the seed before spraying. Where direct drilled crops are treated then ploughing and cultivating to a depth of 15cm must take place before the planting of any subsequent crop. For optimum efficacy, seedbeds should be firm, level and free of clods, loose and puffy seedbeds should be consolidated before spraying.

FOLLOWING CROPS

Autumn Treated Crops:

Following normal harvest of an autumn treated crop, cereals, oilseed rape, field beans, combining peas, potatoes, maize, turnip, linseed and sugar beet may be sown. Prior to planting, soil should be ploughed and cultivated to a minimum depth of 15cm.

Spring Treated Crops:

Following normal harvest of a spring treated crop, cereals, oilseed rape, field beans, combining peas, potatoes, maize, linseed, sugar beet and turnip may be sown. Prior to planting, soil should be ploughed and cultivated to a minimum depth of 15cm.

REPLACEMENT CROPS

Autumn Treated Crops:

In the event of crop failure for any reason, only winter cereals and winter beans may be sown, provided at least six weeks has elapsed since application. In the spring following crop failure only spring cereals, combining peas, field beans, maize, turnip, onion, carrots, potatoes and linseed may be sown.

Prior to re-sowing spring cereals, maize, turnip, onion, carrots and

linseed, a period of at least 7 months should have elapsed since application. Prior to re-sowing combining peas, field beans and potatoes, a period of at least 6 weeks should have elapsed since application. Prior to re-sowing any of the listed replacement crops, soil should be ploughed and cultivated to a minimum depth of 25cm.

Spring Treated Crops:

In the spring following crop failure, only combining peas, field beans, potatoes, maize, dwarf French beans, carrots, turnip, sugar beet, onions, and linseed may be sown. Prior to re-sowing combining peas, field beans, potatoes, carrots, turnip, sugar beet, onions and linseed, a period of at least six weeks should have elapsed since application. Prior to re-sowing maize and dwarf French beans, a period of at least nine weeks should have elapsed since application. For all spring replacement crops, soil should be ploughed and cultivated to a minimum depth of 25cm.

MIXING:

Before using UPSTAGE ensure the spray equipment is clean.

1. Half fill the tank with clean water and commence agitation. Add the required dose to the spray tank and complete filling, continuing agitation until spraying is completed.
2. On emptying the container, RINSE CONTAINER THOROUGHLY by using an integrated pressure rinsing device or manually rinsing three times when empty. Add washings to sprayer at time of filling and dispose of container safely.
3. On preparation of spray solution, use immediately.

If using an induction system then mixing should be as follows:

1. Half fill the induction bowl with clean water.
2. Slowly pour the required amount of product into the induction bowl, turn on the pump and suck the contents of the induction bowl into the spray tank, at the same time rinsing the bowl.
3. On emptying the container, RINSE CONTAINER THOROUGHLY by using an integrated pressure rinsing device or manually rinsing three times when empty. Add washings to sprayer at time of filling and dispose of container safely.
4. Repeat the procedure of half filling the bowl with water and sucking out until no trace of product remains on the mesh, filter, drain hole or sides of the bowl.
5. Ensure all contents are sucked out and the bowl is thoroughly rinsed before adding any tank-mix partner.

TANK CLEANING OPERATIONS

TO PREVENT ADDITIONAL DAMAGE TO CROPS OTHER THAN WINTER RAPE AND POTATOES, CAREFULLY CLEAN ALL SPRAY EQUIPMENT FOLLOWING APPLICATION OF CLOZONE, INCLUDING THE INSIDE AND OUTSIDE OF THE COVER, IN FOLLOWING PROCEDURE:

If tank rinse nozzles are fitted:

Add clean water to the spray tank until it is approximately a quarter (25%) full then mix in a cleaning agent recommended for sprayer decontamination at the correct dilution rate for the volume of liquid in the spray tank. No further water needs to be added. Use the tank rinsing nozzles and recirculate for 2 minutes and spray out as described below.

If tank rinse nozzles are not fitted:

Add clean water to the spray tank until it is approximately a quarter (25%) full, then mix in a cleaning agent recommended for sprayer decontamination at the correct dilution rate for the full volume of liquid in the spray tank. Fill the sprayer tank to the brim and then recirculate for 2 minutes and spray out as described below.

The sprayer should not be drained or rinsed on soils planted (or to be planted) with trees or crops other than rapeseed, beans or peas. Alternatively dilute the surplus of treatment at least 10 times and spray it on the plot already treated according to the instructions for use.

CONDITIONS OF SUPPLY

All goods supplied by us are of high grade and we believe them to be suitable. However, as we cannot exercise control over their storage, handling, mixing, use or of 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 resellers 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.

Brand names used in this label may be registered trademarks of UPL Europe Ltd, or other manufacturers in which propriety rights may exist.

EU supplier details (for Northern Ireland only):

UPL Holdings Coöperatief U.A.

Claudius Prinsenaan 144 A, Blok A, 4818CP Breda, The Netherlands

To access the Safety Data Sheet for UPSTAGE please use the link below or scan the code.



www.upl-ltd.com/uk/product-details/upstage
Alternatively, contact your local supplier.





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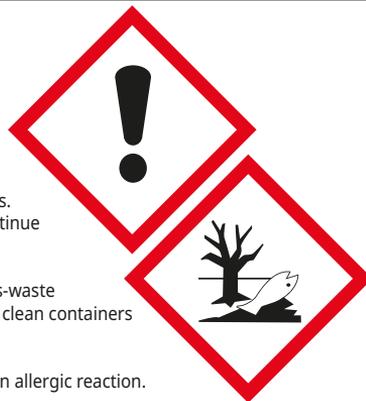
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