

GROUP 32 HERBICIDE



# OSTRICH

SHAKE WELL BEFORE USE.  
PROTECT FROM FROST.

FOR PROFESSIONAL USE ONLY  
UFI:CS2Q-27UE-CW0D-AF7S



A suspension concentrate (SC) formulation containing 600 g/l Aclonifen for use as a pre-emergence herbicide against annual broad-leaved weeds and some grass weeds in potatoes, peas and beans.

## SAFETY INFORMATION

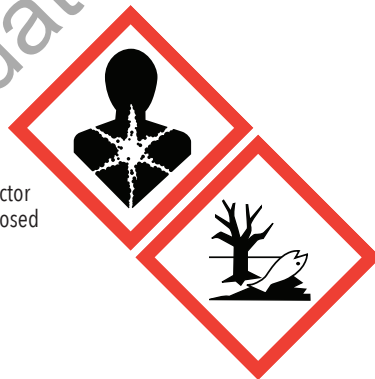
**Suspected of causing cancer.**  
**Very toxic to aquatic life with long lasting effects.**

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Avoid release to the environment.  
Collect spillage.  
Dispose of contents/container to a licensed hazardous waste disposal contractor or collection site except for triple-rinse, empty containers which can be disposed of as non-hazardous waste.

**Contains aclonifen and 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.**

## WARNING



PCS No. 06907



Emergency Information:  
CARECHEM: +44 1235 239 670 (24 hour)  
Technical Enquiries: 1800 901 562  
Batch number and date of manufacture: see pack

Authorisation Holder and Marketing Company:  
Albaugh TKI d.o.o, Grajski trg 21, 2327 Rače, Slovenia  
Tel: +386 2 60 90 211, [www.albaugh.eu](http://www.albaugh.eu)

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A suspension concentrate (SC) formulation containing 600 g/l Aclonifen for use as a pre-emergence herbicide against annual broad-leaved weeds and some grass weeds in potatoes, peas and beans.

## IMPORTANT INFORMATION

FOR USE ONLY AS AN HORTICULTURAL HERBICIDE

| Crops/Situations                                                                                                            | Maximum Individual Dose (l product / ha) | Maximum Total Dose (l product / ha) | Maximum Number of Treatments | Latest Time of Application                                                            |
|-----------------------------------------------------------------------------------------------------------------------------|------------------------------------------|-------------------------------------|------------------------------|---------------------------------------------------------------------------------------|
| Potatoes (ware crops),<br>Potatoes (seed crops)                                                                             | 3.0                                      | 3.0                                 | 1 per crop                   | After final furrow formation, no later than one week pre appearance of potato sprout. |
| Peas (combining),<br>Peas (vining),<br>Beans (French),<br>Beans (navy),<br>Beans (runner),<br>Beans (broad),<br>Field beans | 3.0                                      | 3.0                                 | 1 per crop                   | After sowing and before germination                                                   |

### Other Specific Restrictions

If OSTRICH is used more than one week after germination of the crop, and environmental conditions are unfavourable (eg. high humidity, low temperature), crop damage may occur.

**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 product, when applying the product and when handling contaminated surfaces.

**WHEN USING DO NOT EAT, DRINK OR SMOKE. AVOID CONTACT WITH SKIN.**

**WASH HANDS AND EXPOSED SKIN** before

eating and drinking and after work.

**IF YOU FEEL UNWELL**, seek medical advice.

#### 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).

To protect aquatic organisms, respect an unsprayed buffer zone of 10 metres to surface water bodies.

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

#### 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.

**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.

This material and its container must be disposed of in a safe way.



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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.

### GENERAL INFORMATION

OSTRICH is applied pre-emergence in potatoes, peas and beans for the control of annual broad-leaved weeds and some grass weeds.

The product is absorbed through the cotyledons respectively the coleoptile of the weeds. Whereas OSTRICH does not stop the germination, it affects the development of the seedlings. The extent depends on the internal resources of the seed, speed of growth and the use rate of the product. Early symptoms include discoloration and chlorosis of the weeds, followed by termination of growth leading ultimately to death.

To achieve the best level of weed control, the soil and furrows must be well prepared and sprayed with the herbicide appropriately. Uneven surfaces significantly reduce the effectiveness. Ensure good soil coverage with the product so that an even film is formed with the active substance. As OSTRICH does not get absorbed through the roots, adequate soil moisture and temperature is vital at the time of application. Aclonifen remains active for 2-3 months.

### WARNINGS AND RESTRICTIONS

Follow normal drilling/planting of the crop and ensure the seeds/tubers are well covered.

DO NOT disrupt the soil surface after application as this will reduce the level of weed control provided.

EXTREME CARE MUST BE TAKEN TO AVOID SPRAY DRIFT onto non-crop plants outside the target area.

### RESISTANCE MANAGEMENT

When herbicides with the same mode of action are used repeatedly over several years in the same field, selection of resistant biotypes can take place. These can propagate and may become dominating. A weed species is considered to be resistant to an herbicide if it survives a correctly applied treatment at the recommended dose. A strategy for preventing and managing such resistance should be adopted. This should include integrating herbicides with a programme of cultural control measures. The Weed Resistance Action Groups have produced guidelines and copies are available from Teagasc, your distributor, crop adviser or product manufacturer.

OSTRICH contains Aclonifen from the chemical family of diphenyl ether and belongs to HRAC Group 32 (Legacy HRAC Group F3).

### CROP SPECIFIC INFORMATION

Before use, make sure the spraying equipment is cleaned from any previous use and that it is calibrated to apply the recommended spray volume and pressure. After use, make sure the sprayer and all equipment are thoroughly cleaned as detailed in the section "SPRAYER DECONTAMINATION".

OSTRICH is to be applied in 200 to 300 litres of water per hectare as a MEDIUM spray as defined by the BCPC system.

## Potatoes

Apply OSTRICH pre-emergence to the crop and weeds at a rate of 2-3 litres of product per hectare.

Maximal 1 application per crop.

Ridges should be of a fine tilth, free from clods and well rounded with no further improvement required after planting.

Any cultivation after application will encourage weed germination and reduces the residual activity of OSTRICH.

Mineral soils with high organic matter, peaty or organic soils may reduce the residual activity.

OSTRICH can be used on all commercial varieties of potatoes.

Care must be taken that the application takes place before crop emergence.

## Peas and Beans

Apply OSTRICH pre-emergence to the crop and weeds at a rate of 2-3 litres of product per hectare.

Maximal 1 application per crop.

It is highly recommended that OSTRICH is applied immediately after sowing and before germination of the peas and beans. If used more than one week after germination of the crop, and environmental conditions are unfavourable (eg. high humidity, low temperature), crop damage may occur.

## WEEDS CONTROLLED

The following weeds are controlled by a pre-emergence application of OSTRICH:

| Weed species        | Susceptibility at 2 l/ha | Susceptibility at 3 l/ha |
|---------------------|--------------------------|--------------------------|
| Annual meadow-grass | S                        | -                        |
| Barnyard grass      | -                        | MS                       |
| Black bindweed      | -                        | MS                       |
| Black nightshade    | -                        | MS                       |
| Cleavers            | MS                       | S                        |
| Common chickweed    | S                        | -                        |
| Fat-hen             | S                        | -                        |
| Field pansy         | S                        | -                        |
| Shaggy soldier      | -                        | S                        |
| Henbit dead-nettle  | S                        | -                        |
| Knotgrass           | -                        | S                        |
| Pale persicaria     | S                        | -                        |
| Read dead-nettle    | S                        | -                        |
| Redshank            | -                        | S                        |

| Weed species           | Susceptibility at 2 l/ha | Susceptibility at 3 l/ha |
|------------------------|--------------------------|--------------------------|
| Scented mayweed        | S                        | -                        |
| Shepherd's purse       | S                        | -                        |
| Volunteer oilseed rape | S                        | -                        |

\* S = Susceptible MS = Moderately Susceptible

Established broad-leaved weeds growing from rootstocks will not be controlled by OSTRICH.

## SOIL CONDITIONS

To achieve the best level of weed control, the soil and furrows must be well prepared and sprayed with the herbicide appropriately. Uneven surfaces significantly reduce the effectiveness. Ensure good soil coverage with the product so that an even film is formed with the active substance. As OSTRICH does not get absorbed through the roots, adequate soil moisture and temperature is vital at the time of application.

## MIXING

Half fill the spray tank with clean water and begin gentle agitation. Add the required quantity of product into the spray tank and allow to disperse fully. Rinse the 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. When using tank-mixes, follow any specified order of addition on the partner product label(s).

## TANK MIXTURES

Where tank-mixes are used, and unless directed otherwise, the preferred order of addition of products to the spray tank is as follows: water dispersible granules, wettable powders, suspension concentrates (flowables), emulsifiable concentrates, solution concentrates. Each product should be added to the half-full sprayer and be fully dispersed before the addition of the next product. Follow the label recommendations of the partner product when using any tank-mix. For further information consult Albaugh TKI d.o.o. or your distributor representative.

## FOLLOWING CROPS

All crops can be sown following an application of OSTRICH in a normal crop rotation, provided the soil is cultivated to a depth of at least 10 cm before sowing.

## REPLACEMENT CROPS

In the event of crop failure for any reason, cereals, oilseed rape, sugar beet, white mustard, sunflower, maize, peas or beans may be sown 3 weeks after application of OSTRICH, provided the soil is cultivated to a depth of at least 10 cm before sowing.

## SPRAYER DECONTAMINATION

Immediately after use, the sprayer and all other equipment must be thoroughly cleaned and decontaminated to prevent any traces of OSTRICH remaining in the sprayer and causing damage to crops treated subsequently with the sprayer. Thoroughly clean and decontaminate the sprayer including the outside of the sprayer, lid, booms, nozzles and all other equipment, using clean water and a proprietary tank cleaner.

1. Drain the sprayer and clean the outside to remove any contamination.
2. Rinse the inside of the tank with water and flush through the booms, hoses and nozzles using clean water to fill at least 10% of the tank volume, then drain the tank until completely empty.
3. Half fill the spray tank with clean water and a proprietary tank cleaner, agitate and then flush the boom, hoses and nozzles with the solution and drain. Fill the tank with clean water and agitate for a minimum of 15 minutes. Flush the hoses and boom and drain until empty (If the tank does not empty completely, repeat the procedure using clean water as above).
4. Remove the sprayer nozzles and all filters, clean and soak in water.
5. Carry out a final rinse of the sprayer with clean water using a minimum of 10% of the tank volume and then flush through the boom and hoses, drain and leave to dry.
6. Follow local practice for the disposal of sprayer and tank washings. Do not spray onto land intended for cropping with sensitive crops.

## TERMS AND CONDITIONS OF SUPPLY, SALE AND USE

Many factors can affect or influence the activity of this product, including, but not limited to: weather and soil conditions, crop variety, treatment timing, water volume, application rates, spraying techniques, crop rotation, regional factors and the occurrence and development of weeds resistant to the active ingredients. Under certain circumstances, changes in activity or crop damage can occur. The manufacturer or supplier is unable to accept any liability in these circumstances. All goods supplied by us are of a high grade and we believe them to be suitable for the purpose for which we expressly supply them: but as we cannot exercise any control over their mixing, use or 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 for any damage or injury whatsoever arising from their storage, handling, application or use. These conditions cannot be varied by our staff, our agents or the re-sellers of the product whether or not they supervise or assist in the use of such goods.