



Chanon[®]



A selective pre-emergence herbicide for the control of annual broad leaved weeds and some grass weeds in potatoes, peas and beans.



A suspension concentrate formulation containing 600 g/L acifluorfen

HERBICIDE

CONTENT: **5 lit. e**



ET13754_ED1-V2

REGISTRATION HOLDER:

GLOBACHEM NV
Brustum Industriepark
Lichtenberglaan 2019
B-3800 Sint-Truiden, Belgium
Tel: +32 11 78 57 17
Fax: +32 11 68 15 65
globachem@globachem.com
www.globachem.com


Globachem
Your Crop Counts

RISK AND SAFETY INFORMATION

May cause an allergic skin reaction.

Suspected of causing cancer.

Very toxic to aquatic life with long lasting effects.

Avoid breathing dust/fume/gas/mist/vapours/spray.

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

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

IF exposed or concerned: Get medical advice/attention.

Avoid release to the environment.

Dispose of contents/container to a

licensed hazardous-waste disposal

contractor or collection site, except

for triple rinsed empty containers

which can be disposed of as

non-hazardous waste.

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



WARNING

FOR PROFESSIONAL USE ONLY

UFI: RJ40-Y045-400W-VNQG

PCS no. 06518

Chanon[®] is a registered trademark for Globachem NV.

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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 CLOTHING (COVERALLS) AND SUITABLE PROTECTIVE GLOVES when handling the concentrate, when applying the product.

WEAR SUITABLE PROTECTIVE GLOVES 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.

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.

CHANON® is a diphenylether pre-emergence herbicide for the control of annual broad-leaved weeds and some grass weeds in potatoes, peas and beans.

CHANON® is used pre-emergence of the crops. The surface of the soil should be evenly covered with the product, where its active substance (aclonifen) forms an even film. Clumps on the surface of the soil significantly reduce the effectiveness of the product. To achieve the greatest effect the soil and furrows must be well prepared and sprayed with the herbicide appropriately. CHANON® gets into weeds through the cotyledons or the coleoptile (seedlings). CHANON® does not stop the germination of weeds, but it affects sprouting weeds to a certain extent, which depends on the internal resources of the seeds, speed of growth of the weeds and volume of absorbed active substance. Typical symptoms of the CHANON® effect are as follows: intensive colours and chlorosis appear on the tissues of young, emerging sprouts and shoots. Later, weeds stop growing and perish. CHANON® does not get into plants through their roots, so it is not absolutely dependent on soil moisture and temperature at the time of its use. CHANON® remains active for 2-3 months.

After pre-emergence application do not disrupt the herbicide layer. Any form of mechanical cultivation or disruption of the soil surface by any other method will reduce the level of weed control provided. Follow normal drilling / planting and ensure the seed is well covered.

CROP SPECIFIC INFORMATION

Apply via a horizontal boom sprayer, in 150 to 500 litres of water per hectare as a MEDIUM spray (BCPC category).

Potatoes

CHANON® may be used on all commercial varieties of potatoes. Apply CHANON® at a rate of 3.0 litres of product per hectare. Application must be pre-emergence of the crop and weeds.

Ridges should be well rounded with few clods. Cultivations should produce a soil tilth that requires no further improvement after planting. Cultivation after spraying will encourage weed germination and reduce the residual activity of CHANON®. On mineral soils with a high organic matter content and on peaty or organic soils the residual activity of CHANON® may be reduced.

Ensure CHANON® is applied evenly overall to both sides of potato ridges.

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

Only one application of CHANON® should be made to the crop.

Peas and beans

Apply CHANON® at a rate of 3.0 litres of product per hectare. Application should be made immediately after sowing and before germination of the peas or beans.

Only one application of CHANON® should be made to the crop.

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

WEEDS CONTROLLED

CHANON® is absorbed primarily through the shoot of emerging seedlings as they grow through the layer of herbicide applied pre-emergence to the soil surface.

Susceptible weeds can emerge, but these will become chlorotic, their growth will be retarded leading ultimately to death. After pre-emergence application do not disrupt the herbicide layer. Any form of mechanical cultivation or disruption of the soil surface by any other method will reduce the level of weed control provided.

The following annual weeds will be controlled by a pre-emergence application of CHANON®:

	Susceptibility at 3 L/ha
Annual meadow-ras	S
Barnyard grass	MS
Black bindweed	MS
Black nightshade	MS
Cleavers	S
Common chickweed	S
Fat-hen	S
Field pansy	S
Shaggy soldier	S
Henbit dead-nettle	S
Knotgrass	S
Pate persicaria	S
Red dead-nettle	S
Redshank	S
Scented mayweed	S
Shepherd's purse	S
Volunteer oilseed rape	S

As for other residual herbicides application to a fine, firm seedbed will optimise efficacy. Efficacy will be reduced where application is made to cloddy seedbeds or where there is disruption of the soil surface after application.

RESTRICTIONS

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

To prevent damage, extreme care must be taken to avoid spray drift onto neighbouring crops.

MIXING

Shake the container well before use. Half fill the spray tank with clean water, begin agitation and add the required amount of CHANON®. Wash out the container and add the washings to the spray solution, before topping up with clean water.

Continue agitation until spraying is completed.

Do not leave the sprayer filled with the spray solution standing for long periods.

Wash out the sprayer thoroughly after use, using a wetting agent or proprietary tank cleaner.

SUCCEEDING CROPS

After failure of the potato crop, sunflowers, maize, potatoes, broad bean and cotton can be sown as following crop without any waiting period after superficial soil cultivation. Onion, wheat, barley and soybean can be grown when cultivation of the soil to a depth of 20 cm is taken into account.

HERBICIDE 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 a 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. Guidelines have been produced by the Weed Resistance Action Group and copies are available from your distributor, crop adviser or product manufacturer.

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 or 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. 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.