



<b>CONTAINS</b>	A suspension concentrate formulation containing 600 g/L aclonifen (49.6%).
<b>CONTROLS</b>	A pre-emergence herbicide for the control of annual grass and annual broad leaved weeds in potatoes and peas.

PCS No 90569

## 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.

### **For use only as an agricultural herbicide.**

Emerger is a phenoxyaniline pre-emergence herbicide for the control of annual grasses and annual broad leaved weeds in potatoes and peas.

Emerger 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.

As for other residual herbicides application to a fine, firm seedbed will optimise efficacy. Loose and fluffy seedbeds should be rolled before application. Efficacy will be reduced where application is made to cloddy seedbeds. Good even spray coverage of the soil is essential.

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.

herbicide

Established grass and broad-leaved weeds growing from rootstocks will not be controlled by Emerger. Some soil moisture is required for Emerger to be activated. Residual control may be reduced under prolonged dry conditions.

For residual control of grass and broad-leaved weeds in potatoes, apply Emerger after final ridging and up to approximately 1 week before potatoes emerge. Well settled ridges will promote optimal efficacy. To avoid possible erosion of the herbicide film, ridges must not be too steep. No further ridging or cultivation should be carried out after application of Emerger.

## RATE OF USE

CROP	MAXIMUM OF APPLICATION	MAXIMUM NUMBER INDIVIDUAL DOSE	LATEST TIME OF APPLICATIONS
Potatoes	4.0 L/ha	1	Pre-emergence of crop
Peas	4.0 L/ha	1	Pre-emergence of crop

Method of application: Tractor mounted sprayer.

A spray pressure of 2-3 bar is recommended.  
Apply Emerger in 200-400 litres per hectare water.

Apply as a medium spray quality.

## RESTRICTIONS

**DO NOT** apply Emerger after emergence of the crop.

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

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

**PROTECT FROM FROST.**

## WEEDS CONTROLLED

WEED	PRE-EMERGENCE SUSCEPTABILITY at 4.0 L/ha
<b>Grass weeds:</b>	
Annual meadow-grass	Susceptible
Black-grass	Moderately Susceptible
Wild oats	Moderately Resistant
Perennial grasses	Resistant
<b>Broad-leaved weeds:</b>	
Black nightshade	Resistant
Chickweed, Common	Susceptible
Cleavers*	Moderately Susceptible
Fat-hen	Susceptible
Knotgrass	Moderately Susceptible
Mayweeds	Moderately Susceptible
Parsley piert	Moderately Resistant
Polygonum spp.	Susceptible
Common Field Speedwell	Moderately Susceptible
Perennial broad-leaved weeds	Resistant

\*Control of cleavers is reduced in organic soils

## CROP SPECIFIC INFORMATION

Crop damage can occur if Emerger is applied inappropriately (especially if applied post crop emergence or in unfavourable weather conditions such as heavy rain). Surface run-off from treated sloping ground can cause damage to sensitive neighbouring crops.

Avoid spray drift onto sensitive neighbouring crops.

## FOLLOWING CROPS and CROP FAILURE

Where more than 3 months have elapsed between application of Emerger and drilling of the following crop (either in the normal crop rotation or as a result of failure of the treated crop) any crop can be established provided that cultivation (using cultivator, disc harrow or similar) and thorough mixing of treated soil has been conducted to at least 10cm depth.

Where less than 3 months have elapsed between application of Emerger and drilling of the following crop (either in the normal crop rotation or as a result of failure of the treated crop) and where Emerger has been applied at up to a maximum application rate of 3.5 L/ha, field beans, peas, potatoes, sunflowers, tomatoes, lentils, maize can be established after shallow cultivation or ploughing. In addition, where ploughing is conducted, beet, clover, linseed and ryegrass can be established.

## **MIXING**

Shake the container well before use. Half fill the spray tank with clean water, begin agitation and add the required amount of Emerger. 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.

## **COMPATIBILITY**

Contact Bayer CropScience for compatibility information on specific tank-mixes. Full manufacturer's instructions must be followed for each tank-mix component.

## SAFETY PRECAUTIONS

### Operator Protection

**WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), SUITABLE PROTECTIVE GLOVES AND FACE PROTECTION (FACESHIELD)** when handling the product.

**WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS)** during application.

**WHEN USING DO NOT EAT, DRINK OR SMOKE.**

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

### Environmental Protection

**VERY TOXIC TO AQUATIC ORGANISMS, MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT.**

Take extreme care to avoid drift onto crops and non-target plants outside the target area.

**DO NOT ALLOW DIRECT SPRAY** from ground crop sprayers to fall within 5 m of the top of the bank of a static or flowing waterbody, or within 1 m of the top of a ditch which is dry at the time of application. Direct spray away from water.

### Storage and Disposal

**KEEP IN ORIGINAL CONTAINER** tightly closed in a safe place.

**WASH OUT CONTAINER THOROUGHLY** and dispose of safely.

## RISK AND SAFETY INFORMATION

### EMERGER

A suspension concentrate formulation containing 600 g/L aclonifen (49.6%).



**DANGEROUS  
FOR THE  
ENVIRONMENT**

**Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.**

Keep out of reach of children.

Keep away from food, drink and animal feedingstuffs.

Wear suitable gloves and eye/face protection.

If swallowed, seek medical advice immediately and show this container or label.

Do not contaminate ponds, waterways or ditches with chemical or used container.

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

Use appropriate containment to avoid environmental contamination.

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

### PACK SIZE

5 L