

# Goalpost®

Contains 100 g per litre (10.1 % w/w) **ETHOFUMESATE** and 80 g per litre (8.1 % w/w) **PHENMEDIPHAM** with xylene

**An emulsifiable concentrate for the post-emergence control of annual broad-leaved weeds and grasses in sugar beet, fodder beet and mangels.**

FOR USE ONLY AS AN AGRICULTURAL HERBICIDE  
Please see inside for DIRECTIONS FOR USE

## **RISK AND SAFETY INFORMATION**

**IRRITATING TO EYES AND SKIN.**

**FLAMMABLE.**

**Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.**

**Irritating to the Respiratory System.**

**Harmful in contact with skin and if swallowed.**

**Limited evidence of carcinogenic effect.**

Keep out of reach of children.

Keep away from food, drink and animal feeding stuffs.

Wear suitable protective clothing and gloves.

Avoid contact with skin and eyes.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Do not breathe spray.

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



**PCS No: 03152**

AFTER CONTACT WITH SKIN, WASH IMMEDIATELY with plenty of water.

WHEN USING DO NOT EAT, DRINK OR SMOKE.

KEEP ONLY IN ORIGINAL CONTAINER.

WASH OUT CONTAINER THOROUGHLY, EMPTY WASHINGS INTO SPRAY TANK AND DISPOSE OF THE CONTAINER SAFELY, DO NOT RE-USE CONTAINER FOR ANY PURPOSE.

IF SWALLOWED, SEEK MEDICAL ADVICE IMMEDIATELY AND SHOW THIS LABEL.

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

Safety data sheet available for professional user on request.

## **PROTECT FROM FROST**

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## DIRECTIONS FOR USE

Crops	Maximum individual dose	Maximum total dose	Latest time of application
Sugar beet, fodder beet and mangels	3 litres product per ha	9 litres of product per hectare of crop	before the leaves of the crop meet between the rows

## INTRODUCTION

Barclay Goalpost is recommended for use after crop emergence as an overall spray for the control of annual broad-leaved weeds and grasses in all varieties of sugar beet, fodder beet and mangels. Barclay Goalpost may follow approved pre-emergence treatments of chloridazon, ethofumesate, lenacil, metamitron or triallate provided that the crop is not under stress -see CULTURAL AND STRESS FACTORS.

### Soils and Soil Conditions

Beet crops on all soil types may be treated. Residual activity of Barclay Goalpost may be reduced on soils over 5% organic matter. A firm, fine seedbed is essential. As with all soil acting residual herbicides, adequate soil moisture is necessary for optimum residual effect.

### Crop and Weather Conditions

Barclay Goalpost should only be applied to vigorous crops that are not subject to stress (see Stress factors). If the air temperature is, or likely to be, over 21°C (70° F) on the day of spraying, delay application until cooler conditions prevail e.g. after 5 pm. Do not spray wet foliage or if rain is imminent. Do not spray in frosty weather or if frost is forecast. If crops sprayed with Barclay Goalpost suffer frost within 7 days of application, they may be checked and may not recover completely.

### Recommendations *first spray*

#### No pre-drilling/pre-emergence herbicide applied

Apply Barclay Goalpost at 2 l/ha when the crop is at the fully expanded cotyledon stage, except for fodder beet.

DO NOT apply to fodder beet at the cotyledon stage, wait until the smallest beet have at least 2 full true leaves.

#### Pre-drilling/pre-emergence herbicide applied

Apply Barclay Goalpost at 3 l/ha when the smallest beet have at least 2 full true leaves and the 3rd and 4th true leaves are apparent.

### Subsequent Sprays

Follow the first spray with Barclay Goalpost at 3 l/ha 5-10 days later. If necessary any further flush of weeds can be treated in their cotyledon stage with Barclay Goalpost at 3 l/ha. Maximum advantage is gained from repeat applications, each timed to strike each successive flush of weeds at the early cotyledon stage. Up to three applications may be made in total. A minimum 5 days must lapse between treatments. The last application must be made before the crop meets between the rows.

### Application (BCPC definitions)

**Low-dose application:** Apply in 80-120 l/ha water as a FINE spray at 2.5-5.5 bar (35-80 psi) using nozzles appropriate to these volumes and pressures. Avoid spray drift.

**Note:** do not increase water volumes beyond those recommended as crystallisation and consequent blocking of spray jets might occur.

### Soils and Soil Conditions

Beet crops on all soil types may be treated. Residual activity of Barclay Goalpost may be reduced on soils over 10% organic matter. A firm, fine seedbed is essential. As with all soil acting residual herbicides, adequate soil moisture is necessary for optimum residual effect. In the event of prolonged dry weather the use of low doses of Barclay Crossbar 114 will help to maintain overall weed control.

### Crop and Weather Conditions

Barclay Goalpost should only be applied to vigorous crops which are not subject to stress (see Stress factors). If the air temperature is, or likely to be, over 21°C (70° F) on the day of spraying, delay application until cooler conditions prevail e.g. after 5 pm. Do not spray wet foliage or if rain is likely within 4 hours. Do not spray in frosty weather or if frost is forecast. Do not cultivate for at least 7 days before or after an application of Barclay Goalpost.

### Cultural and Stress Factors

Many different factors affect sugar beet tolerance to herbicides. At any given time one or a combination of these factors working together may put the beet under stress making it less tolerant of an applied herbicide. The result in many cases might be a temporary loss of plant vigour but in some circumstances might lead to reduced plant stand and severe crop damage. The following factors are the most common causes of stress in sugar beet plants:

Manganese deficiency  
Drought  
Wind  
Trace element deficiency

Lime deficiency  
Frost  
Insect attack

High temperature  
High light intensity  
Other herbicides

With the ten points above in mind always ensure that the beet crop is actively growing and free from all stress before applying herbicide. Do not cultivate for at least 7 days before or after an application of Barclay Goalpost. See also Herbicide Sequences.

### Herbicide Sequences

Certain residual herbicides may make beet crops less resistant to Barclay Goalpost, whether used alone or in tank-mix; and crop damage might follow its use. Use of Barclay Goalpost after pre-emergence use of chlorpropham + fenuron + propham mixtures or after TCA, or any mixtures containing these herbicides, is not recommended. The crop must be examined for signs of stress due to previous applications of herbicide before applying Barclay Goalpost, especially if heavy rain has fallen after a soil acting herbicide. See also INTRODUCTION.

### Succeeding Crops

Any crop may be drilled or planted 3 months after application of Barclay Goalpost provided that the land is first mould-board ploughed to at least 15 cm ( 6 inches) depth. Following the failure of a beet crop for any reason, only sugar beet, fodder beet, mangels or red beet may be sown within 3 months of treatment.

### Mixing and Use

Half-fill the spray tank with clean water [minimum temperature 5°C (41°F)] and start the re-circulation system. Add the required quantity of Barclay Goalpost to the tank. Fill the spray tank with water. Maintain re-circulation until the tank is sprayed out.

### Compatibility

Barclay Goalpost is compatible in tank mix with clopyralid, metamitron, fluzafop-P-butyl and the Barclay range of trace elements. Do not use adjuvant oils with Barclay Goalpost. No other treatment should be applied for 5 days before or after an application of Barclay Goalpost. When tank-mixing Barclay Goalpost with a partner, the recommendations and conditions of the partner product must be strictly observed, together with the recommendations and conditions of this label.

### Weed Control

The following weeds are susceptible to a programme of Barclay Goalpost sprays. Weeds advanced beyond the cotyledon stage at the time of spraying may not be fully controlled with low-dose rates of Barclay Goalpost. Control of mayweeds or thistles may be improved by the addition of clopyralid.

Black-bindweed  
Charlock  
Chickweed, common  
Cleavers  
Dead-nettle, red  
Fat-hen  
Field-speedwell, common  
Fumitory, common  
Groundsel

Hemp-nettle, common  
Knotgrass  
Marigold, corn  
Mayweed, scentless  
Meadow-grass, annual  
Nettle, small  
Orache, common  
Pansy, field  
Penny-cress, field

Persicaria, pale  
Pimpernel, scarlet  
Poppy, common  
Radish, wild  
Redshank  
Speedwell, ivy-leaved

### **Care of Sprayer**

The solvents used in Barclay Goalpost may soften PVC tubing after prolonged use. When renewing, replace PVC tubing with nylon, polythene or rubber. After each days use, wash out thoroughly with water and wetting agent.

### **PRECAUTIONS**

WEAR SUITABLE GLOVES AND EYE/FACE PROTECTION WHEN HANDLING THE CONCENTRATE.

AVOID CONTACT WITH SKIN OR EYES.

DO NOT BREATHE SPRAY.

WASH HANDS AND EXPOSED SKIN BEFORE MEALS AND AFTER WORK.

WHEN USING DO NOT EAT, DRINK OR SMOKE.

KEEP OUT OF REACH OF CHILDREN.

KEEP AWAY FROM FOOD DRINK AND ANIMAL FEEDING STUFFS.

KEEP ONLY IN ORIGINAL CONTAINER.

WASH OUT CONTAINER THOROUGHLY AND DO NOT RE-USE IT FOR ANY PURPOSE AND EMPTY WASHINGS INTO SPRAY TANK AND DISPOSE OF SAFELY.

IF SWALLOWED, SEEK MEDICAL ADVICE IMMEDIATELY AND SHOW THIS LABEL.

### **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 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.