

SELECTIVE TURF HERBICIDE

**MASCOT**<sup>®</sup>

# Crossbar

MAPP No. 16454

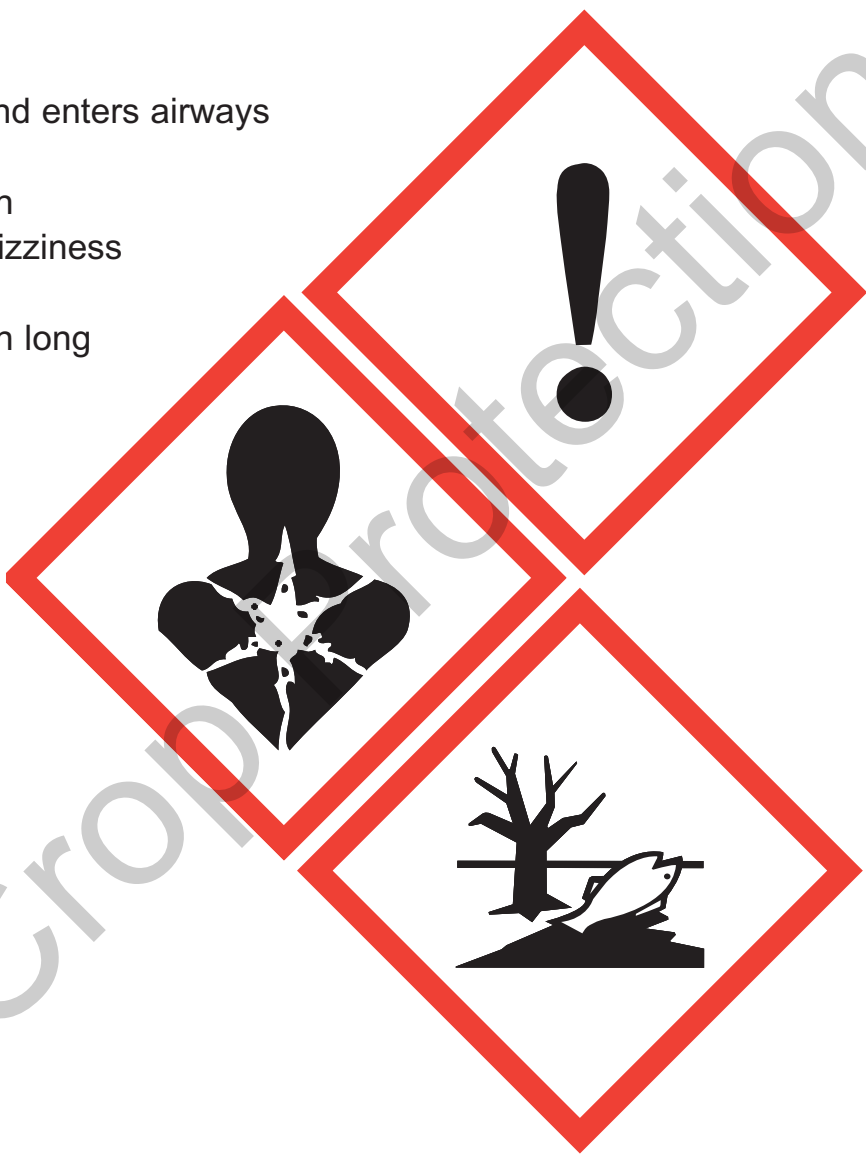
A selective post-emergence herbicide for the control of a range of broad-leaved weeds in managed amenity turf including fine turf and amenity grassland

Mascot Crossbar is an emulsifiable concentrate containing 105 g/l (9.7% w/w) fluroxypyr as the 1-methylheptyl ester, 285 g/l (26.5% w/w) 2,4-D as the 2-ethylhexyl ester and 52.5 g/l (4.88% w/w) dicamba

2 litres e

- H302** Harmful if swallowed
- H304** May be fatal if swallowed and enters airways
- H315** Causes skin irritation
- H319** Causes serious eye irritation
- H336** May cause drowsiness or dizziness
- H400** Very toxic to aquatic life
- H410** Very toxic to aquatic life with long lasting effects

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



Marketed by: Rigby Taylor Ltd Freefone: 0800 424 919  
e.mail: [sales@rigbytaylor.com](mailto:sales@rigbytaylor.com) Website: [www.rigbytaylor.com](http://www.rigbytaylor.com)

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## **SAFETY PRECAUTIONS**

### **OPERATOR PROTECTION**

**P301+P310+P331** If swallowed: Immediately call a poison centre or doctor/physician. Do NOT induce vomiting

**P337+P313** If eye irritation persists: Get medical advice/attention.

**P312** Call a POISON CENTRE or doctor/physician if you feel unwell.

**P403+P233** Store in a well-ventilated place. Keep container tightly closed.

**P273** Avoid release to the environment.

**P501** 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.

Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment.

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

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), SUITABLE PROTECTIVE GLOVES, RUBBER BOOTS AND FACE PROTECTION (FACESHIELD) when handling contaminated surfaces and applying by hand-held equipment.

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), when applying by vehicle mounted equipment.

However, engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.

WASH CONCENTRATE from skin or eyes immediately.

DO NOT BREATHE SPRAY.

WASH HANDS AND EXPOSED SKIN before meals and after work.

WHEN USING DO NOT EAT DRINK OR SMOKE.

IF YOU FEEL UNWELL, seek medical advice (show the label where possible)

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.

WASH OUT CONTAINER THOROUGHLY, empty washings into spray tank, and dispose of safely.

DO NOT RE-USE CONTAINER for any purpose

Environmental protection

KEEP LIVESTOCK out of treated areas for at least 14 days following treatment and until poisonous weeds such as ragwort have died and become unpalatable.

Do not contaminate surface waters or ditches with chemical or used container.

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

Safety data sheet available for professional user on request.

This product is approved under The Plant Protection Products Regulations (as amended)

## 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.

<b>FOR USE ONLY AS AN HORTICULTURAL HERBICIDE</b>				
<b>Crops/situations</b>	<b>Maximum individual dose of product</b>	<b>Maximum total dose</b>	<b>Maximum number of applications</b>	<b>Page number</b>
Managed Amenity Turf, Amenity grassland	2 l/ha	4 l/ha product per year	Up to 2 per year	
New-sown amenity grassland, new-sown managed amenity turf	0.95 l/ha	1.9 l/ha product per year	Up to 2 per year	

### **Other specific restrictions**

1. An interval of at least 21 days must elapse between applications.
2. Avoid mowing for 3 days after application
3. This product qualifies for inclusion within the Local Environmental Risk Assessment for Pesticides (LERAP) scheme. Before each spraying operation from a horizontal boom sprayer, either a LERAP must be carried out in accordance with CRD's published guidance or the statutory buffer zone must be maintained. The results of the LERAP must be recorded and kept available for three years.

**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**

## **GENERAL INFORMATION**

Mascot Crossbar is a selective post-emergence herbicide for the control of a range of broad-leaved weeds in managed amenity turf, including fine turf, and amenity grassland.

## **TIMING**

Best results will be obtained by application in spring or early summer before weeds begin to flower. Avoid spray drift onto neighbouring crops and other plants outside the target area. Do not spray in windy weather. Beets, all brassicae including oilseed rape, lettuce, peas, potatoes, tomatoes, all fruit crops and ornamentals are particularly susceptible to Mascot Crossbar and may be severely damaged by any spray drift. Avoid overlap or accidental overdosing especially on newly sown turf.

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 the HGCA, CPA, your distributor, crop adviser or product manufacturer.

## **WEATHER CONDITIONS**

Do not spray if turf is wet. Do not spray in drought conditions or if turf is under stress from frost, waterlogging, trace element deficiency, pest or disease attack. Do not spray if frost is imminent or when periods of prolonged cold weather or low overnight temperatures occur. Repeat application 8-10 weeks later if necessary (minimum interval 21 days between applications).

## **FOLLOWING CROPS**

Do not sow any crop into soil treated with Mascot Crossbar for at least 3 months after application. All crop residues derived from grassland treated with Mascot Crossbar at more than 2 l/ha in total in any one year must be returned to grassland or land to be cropped with cereals or forage maize.

## **MIXING**

Shake container well, half fill the spray tank with clean water. Add the required quantity of Mascot Crossbar to the spray tank and mix thoroughly. Top up the spray tank with water to the required level. Agitate thoroughly before use.

## **APPLICATION & SPRAY QUALITY**

Apply the recommended rate of Mascot Crossbar in the amount of water indicated in the table. Use clean water. Dirty or muddy water may reduce effectiveness.

## **CARE OF EQUIPMENT**

Directly after each days use with Mascot Crossbar, wash out the sprayer thoroughly with clean water and a wetting agent recommended for the cleaning of sprayers. Any traces of herbicide left in the sprayer may damage susceptible crops when the equipment is subsequently used.

**Mode of Use:**

Mascot Crossbar is a selective post-emergence herbicide for the control of a range of broad-leaved weeds in managed amenity turf, including fine turf, and amenity grassland.

**CONTROL OF BROADLEAVED ANNUAL AND PERENNIAL WEEDS**

All varieties of turf and amenity grassland may be treated; newly sown turf must only be treated in the Spring providing that at least two months have elapsed between sowing and application.

Mascot Crossbar has been tested for selectivity on the following turf grass species:

Perennial Rye-Grass	Chewings Fescue
Annual Meadow-Grass	Slender Creeping Red Fescue
Bents	Smooth-Stalked Meadow-Grass

**Weeds Controlled at 2 L/ha:**

Established Perennial Weeds in established managed amenity turf or amenity grassland

Cat's-ear	Mouse-ear Hawkweed
Creeping Buttercup	Plantain spp
Common mouse-ear	Selfheal
Common Sorrell	Slender Speedwell
Daisy	White Clover
Dandelion	Yarrow
Docks	

Annual Weeds in established managed amenity turf or amenity grassland

Common Chickweed	Lesser Trefoil (Yellow Suckling Clover)
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**Weeds Controlled at 0.95 l/ha**

Annual Weeds in established managed amenity turf or amenity grassland

Common Chickweed MS
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**APPLICATION****ESTABLISHED MANAGED AMENITY TURF OR AMENITY GRASSLAND**

<b>Crop</b>	<b>Time and method</b>	<b>Dose rate</b>
Managed amenity turf Amenity grassland	Apply when weeds are actively growing, normally between April and September and when the soil is moist.  Using a vehicle mounted sprayer	2.0 l/ha  Apply in 200-1000 l/ha water, as a MEDIUM quality spray
Managed amenity turf	Apply when weeds are actively growing, normally between April and September and when the soil is moist. Using a knapsack sprayer	20ml in 10 litres of water, to treat 100m <sup>2</sup>

**NEW-SOWN MANAGED AMENITY TURF OR AMENITY GRASSLAND**

<b>Crop</b>	<b>Time and method</b>	<b>Dose rate</b>
Managed amenity turf Amenity grassland	Apply when weeds are actively growing, in Spring at least 2 months after grass emergence and when the soil is moist.  Using a vehicle mounted sprayer	0.95 l/ha  Apply in 200-1000 l/ha water, as a MEDIUM quality spray
Managed amenity turf	Apply when weeds are actively growing, in Spring at least 2 months after grass emergence and when the soil is moist. Using a knapsack sprayer	9.5ml in 10 litres of water, to treat 100m <sup>2</sup>