

OUTRUN

MAPP 12838

OUTRUN IS RECOMMENDED FOR THE CONTROL OF A RANGE OF BROAD-LEAVED WEEDS IN BOTH MANAGED AMENITY TURF AND AMENITY GRASSLAND, INCLUDING SPORTS TURF, PARKS, CEMETERIES AND AIRFIELDS.

THE (COSHH) CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS MAY APPLY TO THE USE OF THIS PRODUCT AT WORK.

PROTECT FROM FROST

STORE AWAY FROM SEEDS, FERTILIZERS AND COMPOSTS

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Contains 240.2g/L (20.5% w/w) mecoprop-P, 125.9g/L (10.8% w/w) MCPA and 20.4g/L (1.7% w/w) dicamba as their potassium salts as a soluble concentrate formulation.

IMPORTANT INFORMATION

FOR USE ONLY AS AN HORTICULTURAL HERBICIDE

Crops	Maximum individual dose	Maximum number of treatments
Managed amenity turf, Amenity grassland	6 litres of product per hectare	Two per annum.

The total amount of mecoprop-P applied to an individual crop, or in a single year in the case of a perennial crop, must not exceed the maximum dose of mecoprop-P approved for application to that crop by any single mecoprop-P containing product.

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.

This product is approved under the Control of Pesticides Regulations 1986.

RISK AND SAFETY INFORMATION

HARMFUL IF SWALLOWED

IRRITATING TO SKIN

RISK OF SERIOUS DAMAGE TO EYES.

HARMFUL TO AQUATIC ORGANISMS, MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT.

KEEP OUT OF REACH OF CHILDREN.

DO NOT BREATHE SPRAY.

IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER

AND SEEK IMMEDIATE MEDICAL ADVICE.

WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE /FACE PROTECTION.

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

AVOID RELEASE TO THE ENVIRONMENT, REFER TO SPECIAL INSTRUCTIONS/ SAFETY DATA SHEETS.

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



HARMFUL



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), SUITABLE PROTECTIVE GLOVES AND FACE PROTECTION (FACESHIELD) when handling the concentrate.
- * WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) when applying by vehicle mounted equipment.
- * WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), SUITABLE PROTECTIVE GLOVES, RUBBER BOOTS AND FACE PROTECTION (FACESHIELD) when handling contaminated surfaces and applying by hand held equipment.
- * However, engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.

WASH HANDS AND EXPOSED SKIN before meals and after work.
 WHEN USING, DO NOT EAT, DRINK OR SMOKE.
 WASH CONCENTRATE from skin or eyes immediately.

Environmental Protection

- * KEEP LIVESTOCK OUT of treated areas for at least two weeks following treatment and until poisonous weeds such as ragwort have died and become unpalatable.
- * HARMFUL TO FISH OR OTHER AQUATIC LIFE. Do not contaminate surface waters or ditches with chemical or used container.

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.

Outrun is recommended on a broad range of amenity grass from the closely mown turf of sports grounds to the more open swards associated with some parks, golf roughs, roadside verges etc.

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.

Restrictions

- DO NOT CUT for 24 hours to allow the treatment to be absorbed, and preferably allow 2-3 days.
- DO NOT use on new grass for six months after establishment.
- DO NOT USE CUTTINGS as a mulch, however composted cuttings may be used 6 months after application.
- DO NOT spray on windy days to avoid drift. AVOID drift onto all broad-leaved plants outside the target area.
- DO NOT SPRAY when rain is imminent.
- DO NOT SPRAY during drought conditions, or when grass is otherwise under stress, such as following frost.
- DO NOT roll or harrow within 7 days before or after treatment.

Following Crops: Any crop may be sown after a crop treated with Outrun.

Mixing:
FILLING THE SPRAYER: half fill the spray tank with clean water and start agitation. Add the required quantity of Outrun and top up the tank with water.
WASH EQUIPMENT thoroughly with water and a wetting agent or detergent immediately after use. Wash out again with clean water before using another product.

APPLICATION

Timing	Apply when both weeds and grass are growing vigorously and the soil is moist. Outrun is not so effective under drought conditions. Spraying may be carried out at any point during the growing season, providing weeds have developed sufficient foliage to maximise uptake of the treatment. Optimum weed control comes from treatment early in the season, during May, but timing should take into account management practices, the locality and the season. A second treatment may be applied later in the season to control particularly heavy infestations or the more resistant weeds. Allow 4-6 weeks between applications to enable weeds to develop sufficient foliage to maximise uptake of the treatment. Where a second treatment is required to control clumps of re-growing established perennial weeds a spot treatment may be useful.
Dose:	Overall treatment: 6 litres per hectare using a conventional hydraulic sprayer. Spot treatment: 60mls in 5 litres of water to treat 100m ² using a knapsack sprayer
Water Volume:	See crop specific information.
Spray quality:	Maximum pressure of 2 bars, using a medium quality spray (BCPC definition) to reduce drift.



Crop Specific information.

MANAGED AMENITY TURF

Managed Amenity Turf consists of frequently mown, intensively managed turf, typically found in public parks, golf courses, sports fields and lawns etc.

Rates of use: Apply Outrun in 200-500 litres of water per hectre. The higher volumes are most appropriate for closely mown turf, or where the weed population is very large or dense. Always ensure that the weeds have developed sufficient foliage between mowing to maximise uptake of the treatment. The level of kill of individual weeds is related to their stage of growth at the time of treatment.

Weeds controlled

Susceptible - Consistently killed by one application

Common Mouse-ear
Ribwort Plantain
Procumbent Pearlwort
Thrift

Hoary Plantain
Greater Plantain
Mouse-ear Hawkweed

Common Chickweed
Buck's Horn Plantain
Sea Milkwort

Moderately Susceptible - Sometimes killed by one application but may require a second treatment to give complete control.

White Clover
Cat's-ear

Sea Plantain
Dandelion

AMENITY GRASSLAND

Amenity Grassland consists of semi-natural or planted grassland with minimal management, including railway embankments, airfields and grassland nature reserves.

These areas may be managed for their botanical interest, contact the relevant authorities (e.g local authority, wildlife trusts etc.) before beginning weed control in such locations. Rates of use: Apply Outrun in 200-500 litres of water per hectre. The higher volumes are most appropriate where the weed population is very large or dense.

Weeds Controlled

Susceptible - consistently good control (both shoots and roots)

Yellow Rattle (*Rhinanthus minor*)

Plantains (*Plantago* spp)

Moderately Susceptible - Aerial growth usually killed and a useful measure of long-term control obtained under suitable conditions

Daisy
Black Medic
Smooth Hawk's-beard
Creeping Buttercup (*Ranunculus repens*)
Cat's-ear

Autumn Hawkbit
Creeping Thistle
Field Madder
Common Stork's-bill
Heath Bedstraw

Self Heal
Meadow Buttercup
Spear Thistle
Common Nettle

Docks (*Rumex* spp) -Outrun controls seedlings and young docks. Complete control from a single application is unlikely. A further treatment later in the same season or the following season may be required.

Bulbous Buttercup - Shoots and seedlings are susceptible at 6 litres per hectare.

COMPANY ADVISORY INFORMATION

(This section does not form part of the label under the control of Pesticides Regulations 1986 [COPR])

Safety Data Sheet: This is available from your local distributor or direct from Barclay Chemicals (R+D) Ltd (www.barclay.ie).