



RE-ACT

Contains 237.5 g/L (20.9 %w/w) of mecoprop-P, 256.25 g/L MCPA (22.6 %w/w) and 31.25 g/L (2.8 %w/w) dicamba as the dimethylamine salt formulated as a soluble concentrate.

A selective weed-killer for the control of many annual and perennial weeds in managed amenity turf and amenity grassland.

MAPP 12231

CONTENTS: 1 - 20 litres

PROTECT FROM FROST

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

Approval Holder Nufarm UK Limited Wyke Lane Wyke Bradford West Yorkshire BD12 9EJ United Kingdom	Marketing Company The Scotts Company (UK) Limited Paper Mill Lane Ipswich, IP8 4BZ Telephone: 01473 201100 24-hour emergency telephone number: 01865 407733
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This label is compliant with the CPA Voluntary Initiative Guidance



IMPORTANT INFORMATION

FOR USE ONLY AS A HORTICULTURAL HERBICIDE

Crop	Maximum Individual dose	Maximum number of treatments	Latest time of application
Amenity Grassland	5.5 L/ha	Two per year	-
Managed Amenity turf	5.5 L/ha	Two per year	-

Other specific restriction:

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 total 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.

Re-act

A soluble concentrate containing 237.5 g/L mecoprop-P, 256.25 g/L MCPA and 31.25 g/L dicamba.



HARMFUL

DANGEROUS FOR THE ENVIRONMENT

HARMFUL IF SWALLOWED

RISK OF SERIOUS DAMAGE TO EYES

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

AVOID CONTACT WITH EYES

IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE

THIS MATERIAL AND ITS CONTAINER MUST BE DISPOSED OF IN A SAFE WAY

WEAR EYE/FACE PROTECTION

IF SWALLOWED, SEEK MEDICAL ADVICE IMMEDIATELY AND SHOW THIS CONTAINER OR LABEL USE APPROPRIATE CONTAINMENT TO AVOID ENVIRONMENTAL CONTAMINATION

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

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 or trailed equipment.

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), SUITABLE PROTECTIVE GLOVES 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 that they provide an equal or higher standard of protection.

WHEN USING DO NOT EAT DRINK OR SMOKE

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

Environmental protection

HARMFUL TO FISH OR OTHER AQUATIC LIFE. Do not contaminate surface waters or ditches with chemical or used container.

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.

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 and dispose of safely

DO NOT RE-USE CONTAINER for any purpose

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 the product.

RESTRICTIONS

- The crop should not be rolled or harrowed within a period of at least seven days before or after spraying with RE-ACT.
- DO NOT apply RE-ACT to crops suffering from herbicide damage or stress caused by pests, nutrition defects or weather.
- DO NOT spray if rain is expected within six hours. After liming ensure lime is washed off the crop and weeds before spraying. Care should be taken to avoid overlap of spray swaths.
- DO NOT apply during drought or if rain is expected within six hours of treatment.
- DO NOT spray when cold or frosty conditions are prevalent.
- DO NOT mow fine turf for 24 hours before or after treatment or for 3 days if treating less closely mown turf.
- If renovating turf, do not re-seed for 6-8 weeks after treatment.
- DO NOT apply to grass or turf unless it has been established for at least 18 months.
- DO NOT use first four mowings for mulching unless composted for at least six months.
- DO NOT spray in windy or very still conditions. Spray drift must be avoided especially near susceptible crops such as tomatoes, lettuce, oilseed rape, vegetables, turnips, swedes, sugar beet, peas, glasshouse crops, fruit and ornamentals, etc. Avoid drift onto all broad-leaved plants outside the target area.

WEEDS CONTROLLED

1. Amenity Grassland

Weeds are most susceptible to RE-ACT when growing vigorously under warm moist conditions. Results from spraying under cold or frosty conditions will not be as satisfactory.

Susceptibility	Weed Species	Growth stage
Susceptible	Black Bindweed Charlock Chickweed, Common Fat-hen Forget-me-not Fumitory, Common Groundsel Knotgrass Orache, Common Mayweed, Scentless Persicaria, Pale Pennycress, Field Poppy, Common Radish, Wild Redshank Shepherds Purse	Controlled from cotyledon to two true leaves up to six true leaves or 50mm across x 50mm high
	Buttercup, Creeping Common chickweed Plantain	Controlled if sprayed when appreciable foliage is present
	Cleavers	Only controlled up to 1 st whorl stage
Moderately susceptible	Buttercup, Corn Hempnettle, Common Mayweed, Scented Pineapple Weed Pimpernel, Scarlet Sow-thistle, Prickly Speedwell, Common-field	Controlled at cotyledon to two true leaves and checked at six true leaves or 50mm across x 50mm high
	Daisy Dandelion Seedling Docks (Curled and Broad-leaved) Establish Docks (Curled and Broad-leaved) Common Nettle Creeping Thistle Spear Thistle	Foliage controlled, seedlings controlled. Re-growth from roots may require follow-up application.
	Ragwort	rosette stage only
Moderately resistant	Mayweed, Stinking	Checked at cotyledon to two true leaves stage.

2. Managed amenity turf

Weeds Controlled	Application Rate	Recommendation
Cat's ear Greater Plantain Hoary Plantain Lesser Plantain Ribwort Plantain Sea Plantain	3.5 litres per hectare	1 application per season
Creeping Buttercup Daisy Dandelion Hawkbit	3.5 litres per hectare	2 applications per season
Bird's-foot-trefoil White Clover Common Mouse-ear Self-heal Black Medick Lesser Trefoil	5.5 litres per hectare	Repeat application may be necessary
Pearlwort Yarrow	5.5 litres per hectare	2 applications in successive seasons necessary

CROP SPECIFIC INFORMATION

1. Amenity Grassland

Dose: 5.5 L/ha

Water Volume: 200-400 L/ha

RE-ACT can be used on amenity grassland for the control of annual, biennial and perennial weeds. It will control both seedling and established plants of susceptible weed species.

Spray in the spring when weed growth is vigorous. This is usually in April, but can be carried out earlier if conditions are suitable. A second application can be made in the following autumn, where weed growth is vigorous and there is at least one months growing weather following treatment. Best results are from two applications made in the spring of succeeding years.

Maximum two applications per a year.

Where grassland has been grazed or cut for conservation allow at least 14 days and when the weeds have re-grown before treatment. Weed growth and control is usually enhanced by an application of nitrogen fertilizer 2-3 weeks before treatment with RE-ACT.

Do not apply to grass or turf established for less than 18 months.

2. Managed amenity turf

Dose: 3.5 to 5.5 L/ha

Water Volume: 300 – 500 L/ha

Application is best started in spring. Where difficult weeds exist follow up sprays will be necessary. Repeat application can be made 4-6 weeks after the first spray, provided good growing conditions have been maintained.

MIXING AND SPRAYING

Half fill the spray tank with clean water and start the agitation. Pour in the required amount of RE-ACT. Add the remainder of the water and continue agitation until spraying is completed.

WASH EQUIPMENT thoroughly immediately after use. Fill the tank with clean water and leave overnight. Spray out before storage or using other products. Traces of the product may cause damage to susceptible crops sprayed later.

COMPATIBILITY

When tank mixes are to be used, each product should be added separately to the spray tank, taking due note of any instructions given as to the order of mixing. Whilst most pesticides are compatible with RE-ACT check the other manufacturers recommendations before tank mixing.

COMPANY ADVISORY INFORMATION

This section is not part of the Product Label under the Control of Pesticides Regulations 1986. It provides additional advice on product use at the discretion of the applicant.

TERMS AND CONDITIONS OF SUPPLY, SALE OR USE

All goods supplied by us are high grade and we believe them to be suitable for the purpose for which we expressly supply them: but as we cannot exercise any control over their mixing, use or 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 our Associate Companies for any damage or injury whatsoever arising from their storage, handling, re-application or use. These conditions cannot be varied by our staff, our agents or the re-sellers of the product whether or not they supervise or assist in the use of such goods

MATERIAL SAFETY DATA SHEET

[INSERT REVISED MSDS](#)