



REACT ULTRA

MAPP 16814

A soluble concentrate containing 200 g/l (16.61% w/w) mecoprop-p (present at 235.5 g/l (19.56 % w/w) as the potassium salt), 200 g/l (16.61% w/w) MCPA (present at 238.0 g/l (19.77% w/w) as the potassium salt) and 25 g/l (2.08% w/w) dicamba (present at 29.3 g/l (2.43% w/w) as the potassium salt).

A selective weedkiller for the control of broad-leaved weeds in grassland, amenity grassland and managed amenity turf.

Net Contents: 5 litres

Batch: XXXX

PROTECT FROM FROST

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

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24-hour emergency telephone number 01274 696603

This label is compliant with the CPA Voluntary Initiative Guidance



**IMPORTANT INFORMATION
FOR USE ONLY AS A HORTICULTURAL HERBICIDE**

Crops	Maximum Individual Dose (l/ha)	Maximum Number of Treatments (per annum)	Latest Timing
Grassland	7	2	Seven days before cutting or grazing.
Amenity Grassland, Managed Amenity Turf	5	2	Seven days before cutting or grazing.

Other specific restrictions

Livestock must be kept out of treated areas for at least 2 weeks following treatment and until poisonous weeds such as ragwort have died and become unpalatable.

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 approval for application to that crop by any single Mecoprop-P containing product.

Non-returnable containers must not be re-used for any purpose.

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.

REACT ULTRA

A soluble concentrate containing 200 g/l Mecoprop-p, 200 g/l MCPA and 25 g/l Dicamba as the potassium salt.



DANGER

Harmful if swallowed

Causes serious eye damage

Toxic to aquatic life with long lasting effects

Wear protective gloves/protective clothing/eye protection/face protection

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

Rinse mouth

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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.

To avoid risks to human health 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 or 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.

WASH CONCENTRATE from skin or eyes immediately.

WASH HANDS AND EXPOSED SKIN before meals and after work.

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

Environmental protection

Do not contaminate water with the product or its container. Do not clean application equipment near surface water. Avoid contamination via drains from farmyards and roads

Storage and disposal

KEEP OUT OF REACH OF CHILDREN.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

STORE 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

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 apply REACT ULTRA to crops suffering from herbicide damage or stress caused by pests, nutrition defects or weather.
- 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 6 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.
- Turf sown in spring or early summer may be ready for spraying after about 2 months, but turf sown later in the year should have delayed application for about 8 months after sowing.
- Extreme care must be taken to avoid spray drift onto plants outside of the target area. To avoid spray drift 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, onions, turnips, swedes, sugar beet, peas, glasshouse crops, fruit and ornamentals, etc.

WEEDS CONTROLLED

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

Amenity grassland

Weed Species	Susceptibility	Weed Growth stage (Maximum)
Buttercup bulbous	MS	Rosette stage
Buttercup creeping	S	Rosette stage
Charlock	S	250 mm across/high
Chickweed common	S	150 mm across/high
Cleavers	S	100 mm across/high
Daisy	MS	Rosette stage
Dandelion	MS	Rosette stage
Dock broad-leaved	MS	Before formation flower stems
Fat-hen	S	100 mm across/high
Forget-me-not	S	50 mm across/high
Knotgrass	S	25 mm across/high
Mayweed	S	25 mm across/high
Nettle common	MS	15-25 cm high
Nettle small	S	100 mm across/high
Plantains	S	Rosette stage
Shepherd's purse	S	100 mm across/high
Thistle creeping	MS	Early flower bud stage
Thistle spear	MS	Before flowering

S: Susceptible

MS: Moderately Susceptible

MR: Moderately Resistant

Managed amenity turf

Weed Species	Susceptibility	Weed Growth stage (Maximum)
Buttercup creeping	S	100 mm across/high
Clover	S	50 mm across/high
Daisy	S	up to and including flowering
Dandelion	S	100 mm across/high
Plantains	S	100 mm across/high

S: Susceptible

CROP SPECIFIC INFORMATION

Amenity Grassland

Application rate: 7 l/ha

Apply from April to September when the grass and weeds are actively growing.

It is safe to use on grasses from the 3 leaf stage onwards. It is damaging to clover and other legumes, and swards containing them should not be sprayed.

Apply in 200-400 l water/ha.

Amenity grassland & Managed amenity turf

Application rate: 5 l/ha

Apply from April to September when the grass and weeds are actively growing.

Apply in 200-400 l water/ha.

MIXING AND SPRAYING

This product is for use by professionally qualified spray operatives only. This is a legal requirement. There is also legislation regarding storage, protective clothing and disposal of empty containers. If not professionally qualified always use a qualified contractor to apply this product

Half fill the spray tank with clean water and start the agitation. Pour in the required amount of REACT ULTRA. Add the remainder of the water and continue agitation until spraying is completed. USE IMMEDIATELY following dilution. DO NOT allow diluted product to stand before use. Apply as a medium quality spray (as defined by BCPC). A spray pressure of 2-3 bar is recommended.

TANK CLEANING

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.

RESISTANCE MANAGEMENT

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.

COMPANY ADVISORY INFORMATION

This section is not part of the Product Label under the Plant Protection Products Regulations 2011. It provides additional advice on product use at the discretion of Nufarm UK Ltd.

ACKNOWLEDGMENTS

React Ultra is a registered Trade Mark of Everris Limited and its affiliates

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.