



Longbow®

HERBICIDE

✓ **A herbicide for broad-leaved weeds in managed amenity turf**

Risk and Safety Information



Warning

Causes serious eye irritation.
Very toxic to aquatic life with long lasting effects.

Wear protective gloves, face protection, eye protection, protective clothing.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 If eye irritation persists: Get medical advice/attention.
 If medical advice is needed, have product container or label at hand.
 Keep out of reach of children.
 Read label before use.
 Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for triple rinsed empty containers which can be disposed of as non-hazardous waste.
 Contains 2,4-D DMA salt. May produce an allergic reaction.

To avoid risks to human health and the environment, comply with the instructions for use.

MAPP 16528
 PCS No. 04559

For professional use only
Net contents

5L e

Contains 70 g/l (6.6 % w/w) 2,4-D acid equivalent (ae), 70 g/l (6.6% w/w) MCPA ae, 42 g/l (4.0% w/w) MCPP-P ae and 20 g/l (1.9% w/w) Dicamba ae under the DMA salt form as a Soluble Concentrate
 Batch no: see packaging



IMPORTANT INFORMATION

FOR USE ONLY AS AN AGRICULTURAL/HORTICULTURAL HERBICIDE.

Situations: Managed amenity turf
 Maximum individual dose: 7.5 litres product/ha
 Maximum number of treatments: 1 per year
 Latest time of application: End of September in the year of treatment

Other specific restrictions

The total amount of mecoprop-P applied to an individual situation 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.

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 GLOVES when handling the concentrate or handling contaminated surfaces.
 WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) AND SUITABLE PROTECTIVE GLOVES when 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 – UK only.

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

Environmental protection

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

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 IN ORIGINAL CONTAINER, tightly closed in a safe place.

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

THIS MATERIAL AND ITS CONTAINER must be disposed of in a safe way.

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

Longbow should not be used in meadows due to its action on clovers. Treated grass should not be fed to livestock. Extreme care must be taken to avoid spray drift onto non-crop plants outside of the target area. Wait at least 7 days after the application before mowing. Do not treat young lawns before the tillering stage and until established for 6 months.

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.

WEEDS CONTROLLED

Longbow is a herbicide with foliar and some root activity against a range of common broad-leaved weeds such as white clover (*Trifolium repens*), creeping buttercup (*Ranunculus repens*), daisy (*Bellis perennis*), dandelion (*Taraxacum officinale*), deadnettle (*Lamium sp.*), speedwell (*Veronica sp.*), self heal (*Prunella vulgaris*) and yarrow (*Achillea millefolium*).

Weed	Application rate (L/ha)	Comments
White clover (<i>Trifolium repens</i>), daisy (<i>Bellis perennis</i>), deadnettle (<i>Lamium sp.</i>), speedwell (<i>Veronica sp.</i>), Shepherd's Purse (<i>Capsella bursa pastoris</i>) and Field Forget-me-not (<i>Myosotis arvensis</i>).	7.5	Susceptible
Dandelion (<i>Taraxacum officinale</i>), broad-leaved dock (<i>Rumex obtusifolius</i>), Self heal (<i>Prunella vulgaris</i>), creeping buttercup (<i>Ranunculus repens</i>), yarrow (<i>Achillea millefolium</i>) and corn chamomile (<i>Anthemis arvensis</i>).	7.5	Moderately susceptible

CROP-SPECIFIC INFORMATION

Longbow can be applied on lawns, sports or managed amenity turf once a year during the whole vegetative period of the weeds (from April to end September).

Shake well before use. Longbow can be applied by tractor-mounted boom sprayer or by knapsack sprayer. Apply Longbow at the dose rate of 75 ml in 10 litres water/100 m².

The activity of Longbow is promoted by climatic conditions which favour photosynthesis such as warm temperatures and sunny conditions. Avoid treatment during dry periods and when rain is expected within 24 hours after the treatment. Do not spray to grass suffering from drought or during freezing conditions. May take up to 3 weeks before weed destruction is seen. Do not re-apply if weed destruction is not seen directly after treatment.

To eliminate hardy broad-leaved weeds, Longbow must be used on sufficiently developed plants. Therefore treatments should not be made immediately after mowing. For best results, apply the product at least 5 days after the last mowing and wait 7 days after application before mowing again. Safety to crops grown for seed production has not been established. Do not use on new grass for 6 months after establishment. When renovating treated areas an interval of 6-8 weeks should elapse before re-seeding.

It is recommended to rinse the sprayer thoroughly after use, by using a suitable product (e.g. 1% ammonia solution or 1% sodium carbonate) or manually rinsing three times. Dispose of washings safely. Wash out again with clean water before using another product.

The activity of Longbow will only persist up to 3 months after treatment.

PROTECT FROM FROST.

CONDITIONS OF SALE

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 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 re-sellers 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.

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Bayer

For 24 hour emergency information contact Bayer CropScience Limited
 Telephone: 0800 220876 or nearest National Poisons Information Centre

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