

Mogul MAPP: 17289

MOGUL is an emulsifiable concentrate containing 144 g / litre (13.85% w/w) fluroxypyr-meptyl (100g / litre acid equivalent), 80 g / l (7.69% w/w) clopyralid and 2.5 g / litre (0.24% w/w) florasulam. A post-emergence herbicide for use on managed amenity turf, including lawns and amenity grassland for the control of Ribwort Plantain, Daisy, Clover, Buttercup, Dandelion and other broad-leaved weeds.

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. However, engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection. **DO NOT BREATHE SPRAY. WHEN USING, DO NOT EAT, DRINK OR SMOKE. WASH HANDS AND EXPOSED SKIN** before eating and drinking or smoking and after work. **IF YOU FEEL UNWELL**, seek medical advice immediately (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 yards and roads.

Storage and Disposal: KEEP OUT OF REACH OF CHILDREN. KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS. 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.

SHAKE WELL BEFORE USE. PROTECT FROM FROST. TRIPLE RINSE CONTAINER, PUNCTURE AND INVERT TO DRY AT TIME OF USE. (The COSHH) Control of Substances Hazardous to Health may apply to the use of this product at work.

1 Litre e

	Tractor-Mounted Sprayer		Knapsack Sprayer	
Target Weed	Application Rate	Water Rate	Application Rate	Water Rate
Bird's Foot Trefoil*	1 litres product / ha	200 litres water / ha	10 ml product / 100m ²	2 litres water / 100m ²
Black Medick				
Bristly Oxtongue				
Common Cat's Ear				
Creeping Cinquefoil				
Sorrel	1.5 litres product / ha	200 litres water / ha	15 ml product / 100m ²	2 litres water / 100m ²
White Clover				
Common Daisy				
Common Dandelion				
Common Mouse-Ear				
Greater Plantain	2 litres product / ha	200 litres water / ha	20 ml product / 100m ²	2 litres water / 100m ²
Creeping Buttercup				

*moderate control only

MOGUL DANGER



MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. CAUSES SKIN IRRITATION. CAUSES SERIOUS EYE IRRITATION. HARMFUL IF INHALED, VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS. Wear protective gloves / clothing / eye / face protection.

IF SWALLOWED: Immediately call a POISON CENTRE or doctor / physician. **IF ON SKIN:** Wash with plenty of soap and water. **IF INHALED:** Remove to fresh air and keep at rest in a position comfortable for breathing. **IN IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. **DO NOT INDUCE VOMITING.** Dispose of contents / container to a licensed waste disposal contractor or collection site except for empty clean triple-rinsed 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. MAPP: 17289

IMPORTANT INFORMATION

FOR USE ONLY AS A HORTICULTURAL HERBICIDE

Situation	Max. Individual Dose	Max. Number of Applications
Managed amenity turf, lawn, amenity grassland	2.0 litres product / ha	1 per year

READ THE LABEL BEFORE USE. USING THIS PRODUCT IN A MANNER INCONSISTENT WITH THE LABEL MAY BE AN OFFENCE. FOLLOW THE CODE OF PRACTICE FOR USING PLANT PROTECTION PRODUCTS.

DIRECTIONS FOR USE

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.

GENERAL

MOGUL is a herbicide which kills many broad-leaved weeds. Applications which are made when the weeds are small and actively growing are likely to be the most effective.

IMPORTANT

MOGUL is only effective as a post-emergence treatment. Plant material that has been treated with MOGUL should not be mulched or composted. When re-seeding turf, the last application of MOGUL must be made 4 weeks or more before the re-seeding takes place. Do not apply if turf, lawn or grass is wet or under stress. Do not apply during periods of prolonged cold or dry weather, if night temperatures are low, or if ground frost is forecast. Optimum results are achieved when the soil is moist and the weeds are actively growing. Weeds may be slow to start actively growing again after periods of drought - take this into account when deciding when to spray. Be careful to avoid spray drift.

RESISTANCE

It is important to adopt management practices which prevent and manage resistance. The Weed Resistance Action Group have produced guidelines.

N.B.

- Always follow WRAG guidelines for preventing and managing herbicide resistant weeds. Do not use MOGUL as the only means of broad-leaved weed control.
- Always use herbicides with different modes of action throughout the cropping rotation
- Observe weed control effectiveness and investigate any odd patches of poor broad-leaved weed control. If you feel resistance is a factor, contact your agronomist who may perform a resistance test.

AREA OF USE

MOGUL is cleared for use on managed amenity turf (established or newly sown) and also amenity grassland and domestic lawns. For best results, apply in spring/summer to newly sown turf at or after the two leaf growth stage, which occurs two months after seeding. Avoid spraying turf sown in late summer/autumn until growth restarts in the spring. This may be up to 8 months after seeding. MOGUL is cleared for use on these grass species; Chewings Fescue, Rough Stalked Bluegrass, Annual Meadow-grass, Smooth-stalked Meadow-grass, Perennial Ryegrass and Creeping Bentgrass. As the number of turf grass cultivars is large, you may wish to contact your supplier for advice or spray a small area of turf to determine any adverse effects before making large scale applications.

TIMING OF APPLICATION

Optimum results will be achieved by spraying in the months when weeds are actively growing and the soil is moist; normally from March to October. Applications of MOGUL during drought conditions

should be made if the turf is regularly irrigated. Do not spray MOGUL three days before and after mowing. This will enable MOGUL to adequately cover the target weed and allow systemic movement of MOGUL within the plant.

Spraying Equipment

Apply using tractor mounted hydraulic sprayers or knapsack sprayers. Always ensure that application equipment is regularly maintained and has been recently calibrated.

MIXING

Make sure the sprayer is set to give an even application at the correct volume. Fill the spray tank with half the required amount of clean water and start agitation. Add the required amount of MOGUL and continue agitation whilst adding the rest of the water. Agitate the mixture thoroughly before use and continue agitation during spraying.

NOZZLES

Apply MOGUL as a MEDIUM spray as defined by the BPCP system.

EQUIPMENT CLEANING

It is recommended to ensure that all spraying equipment is cleaned using All Clear Extra. Empty the spray tank completely after spraying and thoroughly wash the outside of the sprayer. Fill the spray tank to 10% of its volume with clean water, and then with agitation flush the hoses and booms until the tank is empty. Next fill the tank to 50% of its volume and the recommended rate of All Clear Extra, commence agitation and flush some of the solution through the hoses and booms. Next fill the tank and agitate for 15 minutes. Again drain the tank until empty. Finally using just clean water again at 10% of the spray tank volume flush the hoses and booms. Make a solution of 50ml All Clear Extra in 10L of water. Remove all nozzles and filters and clean in this solution. Never spray the tank washings on to a sensitive crop or land intended to be planted with a sensitive crop. Refer to section 5 of the code of practice for the safe use of pesticide protection products (www.pesticides.gov.uk).

CONDITIONS OF SUPPLY

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 or 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. 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. All Clear is a registered trademark of Du Pont.

PROFESSIONAL USE ONLY

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