

BUTLER

A suspension emulsion formation containing 100g/litre fluroxypyr and 2.5g/litre florasulam. A post-emergence herbicide for use on MANAGED AMENITY TURF, and AMENITY GRASSLAND, including domestic lawns, for the control of BUTTERCUP, CLOVER, DAISY, DANDELION, RIBWORT PLANTAIN and other broad-leaved weeds.

IMPORTANT INFORMATION

FOR USE ONLY AS A HORTICULTURAL HERBICIDE

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.

Situation	Max. Individual Dose	Max. No. Applications/year
Managed amenity turf lawns, amenity grassland	2.0 litres product/ha	One per year

WARNING

CAUSES SKIN IRRITATION

MAY CAUSE AN ALLERGIC

SKIN REACTION

CAUSES SERIOUS EYE IRRITATION

MAY CAUSE RESPIRATORY IRRITATION

MAY CAUSE DROWSINESS OR DIZZINESS

VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS

Wear protective gloves/clothing/eye/face protection.

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.

IF 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.



PCS: 05460

24 HOUR EMERGENCY NUMBER: 00353 1 8379966

PROFESSIONAL USE ONLY

TRIPLE RINSE CONTAINER, PUNCTURE AND INVERT TO DRY AT TIME OF USE

1 Litre e

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 AND FACE PROTECTION (FACESHIELD) when handling the concentrate.

DO NOT BREATHE SPRAY

WHEN USING DO NOT EAT, DRINK OR SMOKE.

WASH CONCENTRATE from skin and eyes immediately.

WASH HANDS AND EXPOSED SKIN before eating and drinking, and after work.

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 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. DO NOT RE-USE CONTAINER for any purpose.

APPLICATION RATES

	Tractor-mounted hydraulic sprayers	Knapsack application
BUTLER	2 litres/ha	20ml/100m ²
Water	200 litres/ha	2 litres/100m ²

These rates will provide the following levels of control:

Good Control: Common Dandelion, Common Mouse-Ear, Creeping Buttercup, Slender Speedwell, White Clover, Common Daisy

Moderate Control: Bird's-Foot Trefoil, Ribwort Plantain and Yarrow

APPLICATION TIMING

Best results will be obtained by spraying in the months when weeds are actively growing and the soil is moist; normally from March to October. If drought conditions are prevalent, only apply BUTLER if the turf is regularly irrigated.

Do not spray BUTLER three days before and after mowing. This will enable BUTLER to adequately cover the target weed and allow systematic movement of BUTLER within the plant.

APPLICATION EQUIPMENT

Apply using tractor-mounted hydraulic sprayers or knapsack sprayers. Always ensure that application equipment is regularly maintained and has been recently calibrated. BUTLER must not be applied through CDA applicators.

DIRECTIONS FOR USE

GENERAL

BUTLER is a herbicide which is effective against a wide range of broad-leaved weeds. Best results will be obtained when the target weeds are actively growing and small.

IMPORTANT

BUTLER only kills weeds as a post-emergence treatment.

After treating grass with BUTLER, the clippings can only safely be used as mulch after the third cut. When re-seeding turf, the last application of BUTLER must be made 4 weeks or more before the re-seeding takes place. Do not apply if turf, lawns, or grass are under stress or wet. Do not apply during periods of prolonged cold or dry weather, if night temperatures are low, or if ground frost is forecast. Best results are achieved when weeds are actively growing, and the soil is moist. Observe weed growth before application as after prolonged inclement growing conditions weeds may be slow to start vigorous growth.

Take all possible precautions to avoid spray drift on to non-target plants including trees, shrubs and flower borders.

RESISTANCE

Resistance has been reported to some herbicides. Management practices should be adopted which prevent and manage such resistance. The Weed Resistance Action Group have produced guidelines. Copies are available from your distributor, the HGCA, crop advisor or Pan Amenity Ltd

- DO NOT use BUTLER as the only means of broad-leaved weed control. ALWAYS follow WRAG guidelines for preventing and managing herbicide resistant weeds.
- 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

BUTLER may be applied to managed amenity turf (established or newly sown) and also amenity grassland and domestic lawns.

It is important that turf which is newly sown is only treated after it has become established. Apply in spring/summer to newly sown turf at or after the two leaf growth stage. This occurs two months after seeding. However, avoid spraying turf sown in late summer/autumn until growth restarts in the spring. This could be up to 8 months after seeding. BUTLER may be used on these grass species: Annual Meadow-grass, Perennial Ryegrass, Browntop Bent, Smooth-stalked Meadow-grass, Chewings Fescue, Rough Stalked Bluegrass 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.

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 BUTLER and continue agitation whilst adding the rest of the water. Agitate the mixture thoroughly before use and continue agitation during spraying.

SPRAY QUALITY

Apply BUTLER as a MEDIUM spray as defined by the BCPC system.

TANK CLEANING

It is recommended to ensure that all spraying equipment is cleaned using All Clear[®] Extra or a proprietary tank cleaning product. 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 or a proprietary tank cleaning product, 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 or proprietary tank cleaning product 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)

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