

CAUTION

KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING OR USING



SPEARHEAD®

SELECTIVE HERBICIDE

Active Constituents **300 g/L MCPA present as the potassium salt**
 20 g/L Clopyralid present as the olamine salt
 15 g/L Diflufenican

GROUP 12 4 HERBICIDE

For the control of certain broadleaf weeds in turf as specified in the Directions for Use.

10 L

Bayer CropScience Pty Ltd
ABN 87 000 226 022
Level 1, 8 Redfern Rd, Hawthorn East, Vic. 3123
Technical enquiries: 1800 804 479
es.bayer.com.au

DIRECTIONS FOR USE**RESTRAINTS**

DO NOT apply if weeds or turf are under stress or when frosts are imminent.

DO NOT apply if rain is expected within 4 hours.

DO NOT use on bent grass or winter grass golf and bowling greens.

SITUATION	WEEDS CONTROLLED	RATE	CRITICAL COMMENTS
Turf	Broadleaf weeds including White Clover (<i>Trifolium repens</i>), Plantain (<i>Plantago lanceolata</i>), Capeweed (<i>Arctotheca calendula</i>), Cat's ear (<i>Hypochoeris radicata</i>), Bindii (Jo-Jo, Onehunga) (<i>Soliva sessilis</i>), Cudweed (<i>Gnaphalium</i> spp.), Creeping oxalis (<i>Oxalis corniculata</i>)	5 L in 200-500 L water/ha	Apply to actively growing weeds. Transient discolouration may occur on kikuyu and carpet grass and Queensland blue couch. Varietal differences in certain buffalo grasses (e.g. ST85) may produce more pronounced effects and it is recommended that small areas be tested for turf safety before large-scale application occurs. Avoid exceeding application rates through overlapping sprayed areas. Use a surfactant for difficult to wet weeds.

NOT TO BE USED FOR ANY PURPOSE OR IN ANY MANNER CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.

GENERAL INSTRUCTIONS

For best results the turf and weeds should be actively growing at the time of treatment. Complete weed death may take up to 6 weeks. Faster results can be expected on smaller weeds. Due to residual effects of diflufenican, overseeding treated areas within 3 months of application may inhibit establishment of the turfgrass.

MIXING

Shake original container before use. Agitate continuously to ensure thorough mixing before and during application. Only mix sufficient chemical for each day's work. Surfactants (if used) should be added after SPEARHEAD and water are mixed when the spray tank is almost full.

MOWING

Avoid mowing during the 3 to 4 days preceding or following treatment.

CLEANING SPRAY EQUIPMENT

THOROUGHLY CLEAN ALL APPLICATION EQUIPMENT AFTER USE. Rinse water should be discharged onto a designated disposal area or if unavailable onto unused land away from desirable plants and watercourses.

Partial Cleaning (before spraying tolerant turf): After using SPEARHEAD, empty the tank completely and drain the whole system. Thoroughly wash inside the tank with a pressure hose. Quarter fill the tank with clean water and circulate through the pump, line, hoses and nozzles. Drain and repeat procedure twice.

Complete cleaning (before spraying susceptible plants): After using SPEARHEAD empty the tank completely and drain the whole system. Thoroughly wash inside the tank with a pressure hose. Quarter fill the tank with clean water and circulate through the pump, line, hoses and nozzles, then drain. Quarter fill the tank again and add an alkaline detergent at 500 mL/100 L water and circulate through the system for at least 15 minutes. Drain, remove filters and nozzles and clean separately. Rinse inside the tank thoroughly using a pressure hose and flush system with clean water.

RESISTANT WEEDS WARNING

SPEARHEAD SELECTIVE HERBICIDE is a member of the phenyl-ethers, phenoxy and pyridines groups of herbicides. SPEARHEAD has the inhibitors of carotenoid biosynthesis and disruptor of plant cell growth modes of action. For weed resistance management SPEARHEAD is a group 12 and 4 herbicide. Some naturally occurring weed biotypes resistant to SPEARHEAD and other Group 12 and 4 herbicides may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds will not be controlled by SPEARHEAD or other Group 12 or 4 herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Bayer accepts no liability for any losses that may result from the failure of SPEARHEAD to control resistant weeds.

COMPATIBILITY

No information is available that indicates physical compatibility with other products. Tank-mixing other products with SPEARHEAD cannot therefore be recommended. As formulations of other manufacturers' products are beyond the control of Bayer, all mixtures should be tested prior to mixing commercial quantities.

PRECAUTIONS

RE-ENTRY PERIOD

DO NOT allow entry into treated areas until the spray has dried. When prior entry is necessary wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use.

Manual Handling of turf: Hand-weeding and transplanting should not be performed before 2 weeks after spray application, unless workers wear overalls (or equivalent clothing) and chemical resistant gloves.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT apply under weather conditions, or from spraying equipment, that may cause spray to drift onto nearby susceptible plants/crops, cropping lands or pastures. Spray drift from SPEARHEAD application may cause injury to herbaceous plants, vegetables, fruit crops, vines, ornamentals and trees. DO NOT use clippings from treated areas for mulch around vegetables or fruit trees.

PROTECTION OF LIVESTOCK

DO NOT graze treated turf or feed turf clippings from any treated area to poultry or livestock.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Dangerous to fish and other aquatic life. DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. Triple rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to

recycler or designated collection point. If not recycling, break, crush, or puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant Local, State or Territory government regulations. DO NOT burn empty containers or product. DO NOT reuse container for any other purpose.

FIRST AID

If poisoning occurs contact a doctor or Poisons Information Centre. Phone 13 11 26.

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet which may be found at www.es.bayer.com.au.

EXCLUSION OF LIABILITY

This product must be used strictly as directed, and in accordance with all instructions appearing on the label and in other reference material. So far as it is lawfully able to do so, Bayer CropScience Pty Ltd accepts no liability or responsibility for loss or damage arising from failure to follow such directions and instructions.

APVMA Approval No. 53833/131562

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FOR 24 HOUR SPECIALIST ADVICE IN EMERGENCY ONLY PHONE 1800 033 111

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Batch Number

Date of Manufacture