

CAUTION
KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Chipco Spearhead®

SELECTIVE HERBICIDE

Active Constituent: 20 g/L CLOPYRALID present as the potassium salt
 15 g/L DIFLUFENICAN
 300 g/L MCPA present as the potassium salt

GROUP F I HERBICIDE

For the control of certain broadleaf weeds in turf as specified in the DIRECTIONS FOR USE

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.

Resistant Weeds Warning

Chipco Spearhead Selective Herbicide is a member of the nicotinilide, phenoxy and pyridine groups of herbicides. Chipco Spearhead Selective Herbicide has the inhibitors of carotenoid biosynthesis and disruptor of cell growth modes of action. For weed resistance management Chipco Spearhead Selective Herbicide is a group F and I herbicide. Some naturally occurring weed biotypes resistant to Chipco Spearhead Selective Herbicide and other Group F and I 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 Chipco Spearhead Selective Herbicide or other Group F or I herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Bayer CropScience accepts no liability for any losses that may result from the failure of Chipco Spearhead Selective Herbicide to control resistant weeds.

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 water-courses.

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.

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 CropScience, all mixtures should be tested prior to mixing commercial quantities.

PRECAUTION

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.

RE-ENTRY STATEMENT

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.

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.

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 dry, cool, well-ventilated area out of direct sunlight. Triple or preferably pressure rinse containers before disposal. Add rinsings to the 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 bury empty containers in a local authority landfill. If no landfill is available, bury the empty containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

SAFETY DIRECTIONS

Harmful if swallowed. Will damage eyes. Will irritate skin. Avoid contact with eyes and skin. If product in eyes, wash it out immediately with water. Wash hands after use. When opening the container, preparing the spray and using the prepared spray wear cotton overalls buttoned to the neck and wrist, washable hat, elbow-length PVC gloves and goggles. After each days use wash gloves, goggles and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 13 11 26; New Zealand 03 4747000).

MATERIAL SAFETY DATA SHEET

Additional information is listed in the Material Safety Data Sheet.

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.

Chipco is a Registered Trademark of Bayer.
Chipco Spearhead Trademark applied for.

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

DIRECTIONS FOR USE

Restraints

- DO NOT APPLY if weeds or turf are under stress or when frosts are imminent
- DO NOT USE if rain is expected within 4 hours.
- DO NOT USE clippings as mulch around other plants or for composting.
- DO NOT USE on 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>) Bin-dii (Jo-Jo, <i>Soliva sessilis</i>) Onehunga) Cudweed (<i>Gnaphalium spp.</i>) Creeping oxalis (<i>Oxalis corniculata</i>)	4 - 5 L in 200-500 L water/ha	Apply to actively growing weeds. Use the low rate for small weeds. Transient discolouration may occur on kikuyu and carpet grass. Varietal differences in certain buffalo grasses (eg. 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.

DO NOT GRAZE TREATED TURF OR FEED TURF CLIPPINGS FROM ANY TREATED AREA TO POULTRY OR LIVESTOCK

