

Product Name: Spalding MCPA Picolinafen  
APVMA Approval No: Herbicide 87897/119736



Label Name:	Spalding MCPA Picolinafen Herbicide
Signal Headings:	POISON KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
Constituent Statements:	500 g/L MCPA present as the ethyl hexyl ester 50 g/L PICOLINAFEN
Mode of Action:	GROUP <b>F</b> <b>I</b> HERBICIDE
Statement of Claims:	For the Control of Certain Broadleaf Weeds in Winter Cereals as indicated in the Directions for Use table
Net Contents:	5 L, 10 L, 20 L, 100 L, 110 L
Restraints:	DO NOT apply to crops that are stressed through disease, insect damage, frost, nutrient deficiencies, other herbicide use, excessively moist or dry conditions, or inappropriate soil type. DO NOT apply to weeds that are stressed due to dry conditions, prior herbicide application, etc. DO NOT apply if rain is expected within four hours. DO NOT add spraying oil to Spalding MCPA Picolinafen Herbicide or Spalding MCPA Picolinafen Herbicide tank mixes.
Directions for Use:	This section contains file attachment.
Other Limitations:	NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION

Withholding Periods:	DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 6 WEEKS AFTER APPLICATION. HARVEST: NOT REQUIRED WHEN USED AS DIRECTED
----------------------	------------------------------------------------------------------------------------------------------------------

Trade Advice:	
---------------	--

General Instructions:	<p>Spalding MCPA Picolinafen Herbicide is a post-emergence, foliar-absorbed product with short soil residual activity. Under favourable conditions, this pre emergence activity will provide some control of subsequently germinating weed seedlings.</p> <p><b>MIXING</b> Half fill the spray tank with clean water. Commence agitation and add the required amount of product to the tank. Maintain agitation whilst filling the tank and throughout the spraying operation.</p> <p><b>APPLICATION</b> Ground application Apply in a minimum of 50L of water per hectare. In dense weed and crop situations, increase the water volume to ensure complete coverage. Aerial application Apply in a minimum 30L of water per hectare. Good coverage of weeds is essential. Avoid swath overlaps and DO NOT overspray headlands.</p> <p><b>COMPATIBILITY</b> Spalding MCPA Picolinafen Herbicide is physically compatible with Bromicide® 200, Ally*/Associate®, Fastac® Duo, Glean*, Hoegrass*/Nugrass®, Logran*/Nugran®, Lontrel*/Archer®, MCPA EHE, Rogor*, Topik*, Tristar* and Wildcat*. DO NOT add spraying oil to Spalding MCPA Picolinafen Herbicide or Spalding MCPA Picolinafen Herbicide tank mixes. As water quality can influence compatibility, it is recommended that mixtures should be bottle tested in the water intended for spraying, prior to mixing commercial quantities.</p> <p><b>CROP SAFETY</b> Following application, some transient yellowing of cereal foliage may occur. This spotting is confined to leaves present at application. The development of the crop and subsequent new growth is unaffected in crops growing free of stress. Symptoms will be more pronounced and persistent in crops that are growing under stress (see Restraints). Avoid swath overlapping.</p>
-----------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Resistance Warning:	<p><b>GROUP F I HERBICIDE</b> Spalding MCPA Picolinafen Herbicide is a member of the aryloxycolinamide and phenoxy groups of herbicides and acts by inhibiting carotenoid biosynthesis and disrupting plant cell growth respectively. For weed resistance management Spalding MCPA Picolinafen Herbicide is a Group F and Group I herbicide. Some naturally occurring weed biotypes resistant to this product and other Group F and/or Group 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 this product or other Group F and/or Group I herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Spalding Holdings Pty Ltd accepts no liability for any losses that may result from the failure of this product to control resistant weeds.</p>
---------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Precautions:	<p>Human flaggers must be protected by engineering controls such as vehicles with enclosed cabs. Re-Entry Period</p>
--------------	--------------------------------------------------------------------------------------------------------------------------

	DO NOT allow entry into treated areas for 24 hours. When prior entry is necessary, wear cotton overalls buttoned to the neck and wrist, face-shield or goggles and chemical resistant gloves. Clothing must be laundered after each day's use.
Protections:	<p><b>PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS</b> DO NOT apply under weather conditions, or from spraying equipment, that may cause spray to drift onto nearby susceptible plants/crops, cropping lands and pastures. Canola, cotton, tobacco, grapevines, lupins, fruit trees, ornamentals, tomatoes and other vegetables are especially susceptible to spray drift and vapour movement.</p> <p><b>PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT</b> Toxic to algae. DO NOT contaminate streams, rivers or waterways with the chemical or used containers. DO NOT apply by ground application to portions of fields within 20m upwind of sensitive water bodies. DO NOT apply by aerial application to portions of fields within 250m upwind of sensitive wetlands or water bodies. DO NOT apply under meteorological conditions or from spray equipment that will cause spray drift onto non-target native vegetation or adjacent areas, and in particular avoid any natural wetland or standing water body. DO NOT allow run-off within two days of application - avoid application to waterlogged soil, over-irrigation or use when heavy rains are forecast.</p>
Storage and Disposal:	<p>5, 10, 20 L packs 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.</p> <p>100, 110 L packs Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. Empty container by pumping through the dry-break MicroMatic connection system. DO NOT attempt to unscrew the MicroMatic valve or breach the locked filing point. DO NOT contaminate the container with water or other foreign material. Ensure that the MicroMatic coupler, pump, meter and hoses are disconnected, triple rinsed with clean water and drained after each use. When empty, or contents no longer required, return the container to the point of purchase. DO NOT dispose of undiluted chemicals on-site. This container remains the property of Spalding Holdings Pty Ltd . Refillable Containers Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage. DO NOT dispose of undiluted chemicals on-site. This container remains the property of Spalding Holdings Pty Ltd.</p>
Safety Directions:	<p>Harmful if swallowed. Will irritate the eyes and skin. Avoid contact with eyes and skin. When opening the container, preparing and using the prepared spray, wear cotton overalls buttoned to the neck and wrist and a washable hat and elbow-length PVC gloves and face shield or goggles. If product on skin, immediately wash area with soap and water. If product in eyes, wash it out immediately with water. Wash hands after use. After each day's use, wash gloves and face shield or goggles and contaminated clothing.</p>
First Aid Instructions:	<p>If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 1126.</p>

First Aid Warnings:	
---------------------	--

**DIRECTIONS FOR USE**

Crop	Weed	Weed Stage	Rate mL/ha	Critical Comments
Wheat, Barley, Oats, Triticale, Cereal rye (including undersown with clover)	Wild radish ( <i>Raphanus raphanistrum</i> )	Up to the 2 leaf stage and not more than 60 mm in diameter (WA only)	125	Apply to actively growing weeds, free from stress. See 'Restrains'. Apply to crops in the 3-5 leaf (Z13-15) stage prior to late tillering. DO NOT use the 500mL/ha rate on crops younger than 5 leaf. DO NOT apply rates higher than 250mL/ha to crops in the 3 leaf stage, especially long season varieties.
		Up to the 4 leaf stage and not more than 120 mm in diameter	250	
		Up to the 6 leaf stage and not more than 150 mm in diameter	375	
		Up to the 8 leaf stage and not more than 180 mm in diameter	500	
	Charlock ( <i>Sinapis arvensis</i> ), Hedge Mustard ( <i>Sisimbrium officinale</i> ), Indian Hedge Mustard ( <i>Sisimbrium orientale</i> ), Mustard ( <i>Sisimbrium spp.</i> ), Prickly Lettuce ( <i>Lactuca serriola</i> ), Shepherd's Purse ( <i>Capsella bursa-pastoris</i> ), Turnip Weed ( <i>Rapistrum rugosum</i> ), Wild Turnip ( <i>Brassica tournefortii</i> )	Up to the 2 leaf stage and not more than 60 mm in diameter. ¥	250	Spalding MCPA Picolnafen Herbicide may cause transient yellowing of cereals, with oats being potentially most sensitive. Residual control can be impaired by dry soil conditions and by inadequate soil surface coverage. Good soil moisture before and after application will assist performance. Good spray coverage of weeds is essential. Spray before crop canopy begins to close. Increase spray volume when weed or crop density is high. Transplanted weeds will not be adequately controlled.  ¥ Weed diameter does not apply to Prickly Lettuce.  π Suppression only. These species are not consistently controlled by Spalding MCPA Picolnafen Herbicide but are usually significantly affected.
		Up to the 4 leaf stage and not more than 120 mm in diameter ¥	375	
		Up to the 6 leaf stage and not more than 150 mm in diameter ¥	500	
	Capeweed ( <i>Arctotheca calendula</i> )	Up to the 2 leaf stage and not more than 60 mm in diameter	250	
		Up to the 4 leaf stage and not more than 120 mm in diameter	500	
	Canola ( <i>Brassica napus</i> )	Up to the 4 leaf stage	250	
	Crassula ( <i>Crassula spp.</i> )	Up to the 2 leaf stage	250	
		Up to the 4 leaf stage	375	
	Corn Gromwell ( <i>Buglossoides arvensis</i> ), Saffron Thistle ( <i>Carthamus lanatus</i> ), Toad Rush ( <i>Juncus bufonius</i> )	Up to the 2 leaf stage	500	
	Dense-flower Fumitory ( <i>Fumaria densiflora</i> )	Up to the 2 leaf stage	375	
	Common Sowthistle <sup>π</sup> ( <i>Sonchus oleraceus</i> ), Doublegee <sup>π</sup> ( <i>Emex australis</i> )	Up to the 2 leaf stage	500	
	Deadnettle <sup>π</sup> ( <i>Lamium amplexicaule</i> ), Fumitory <sup>π</sup> ( <i>Fumaria spp.</i> ), Volunteer Lupins <sup>π</sup> ( <i>Lupinus angustifolius</i> )	Up to the 4 leaf stage		
	Volunteer Canola ( <i>Brassica napus</i> ) including Roundup Ready <sup>®</sup> varieties	Up to the 4 leaf stage	375	