



**RLP
APPROVED**

Product Name: Swan MCPA LVE 570 Selective Herbicide
APVMA Approval No: 95481/145790

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| Label Name: | Swan MCPA LVE 570 Selective Herbicide |
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| Signal Headings: | POISON KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING |
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| Constituent Statements: | ACTIVE CONSTITUENT: 570 g/L MCPA present as the 2-ethylhexyl ester SOLVENT: 8.6 g/L LIQUID HYDROCARBON |
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| Mode of Action: | GROUP 4 HERBICIDE |
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| Statement of Claims: | For Selective Control of Certain Weeds in Agricultural Crops as listed in the Directions for Use |
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| Net Contents: | 20 - 1000 L |
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| Restraints: | <p>RESTRAINTS</p> <p>SPRAY DRIFT RESTRAINTS</p> <p>Specific definitions for terms used in this section of the label can be found at apvma.gov.au/spraydrift</p> <p>DO NOT allow bystanders to come into contact with the spray cloud.</p> <p>DO NOT apply in a manner that may cause an unacceptable impact to native vegetation, agricultural crops, landscaped gardens and aquaculture production, or cause contamination of plant or livestock commodities, outside the application site from spray drift. Wherever possible, correctly use application equipment designed to reduce spray drift and apply when the wind direction is away from these sensitive areas.</p> <p>DO NOT apply unless the wind speed is between 3 and 20 kilometres per hour at the application site during the time of application.</p> <p>DO NOT apply if there are hazardous surface temperature inversion conditions present at the application site during the time of application. Surface temperature inversion conditions exist most evenings 1 to 2 hours before sunset and persist until 1 to 2 hours after sunrise.</p> |
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| Directions for Use: | This section contains file attachment. |
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| Other Limitations: | |
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| Withholding Periods: | HARVEST: NOT REQUIRED WHEN USED AS DIRECTED GRAZING: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 7 DAYS AFTER APPLICATION |
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| Trade Advice: | |
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| General Instructions: | <p>Before opening, carefully read Directions for Use, Precautionary Statements, Safety Directions and First Aid Instructions. Weeds should be sprayed while actively growing and at their most susceptible stage. As a general guide, annuals should be sprayed when young and perennials just prior to appearance of bud stage. Extremes of cold or drought are unfavourable. The best conditions are when soil is moist, weather fine and rain unlikely within 6 hours following application. DO NOT spray weeds outside the stages indicated in 'Critical Comments' as damage, loss of yield or inadequate weed control may result. DO NOT spray in high winds.</p> <p>APPLICATION / MIXING INFORMATION</p> <p>This product mixes readily with water. Half fill the spray tank with clean water and add the required amount of product. Agitate thoroughly before adding remainder of water.</p> <p>BOOM SPRAYING - Use 30-120 L/ha of water.</p> <p>AERIAL SPRAYING - Use 10-90 L/ha of water.</p> <p>EQUIPMENT MAINTENANCE AND USAGE</p> <p>Equipment that has been used for this chemical should not be used for the application of other materials to sensitive plants unless it has been well washed out with a tank & equipment cleaner followed by several clear water rinses.</p> <p>COMPATIBILITY / TANK MIXES</p> <p>This product can be mixed with metsulfuron (600 g/kg), dicamba (200 g/L), bromoxynil (200 g/L), diuron (500 g/L), terbutryn (500 g/L), chlorsulfuron (750 g/kg), glyphosate, diclofop-methyl (375 g/L), triasulfuron (750 g/kg), diflufenican + MCPA (dff/MCPA), clopyralid (300 g/L), 2,2DPA. When tank mixing add the required amount of compatible product when the spray tank is nearly full and while continuously agitating. If left overnight, agitate thoroughly before spraying.</p> <p>When mixing with diclofop-methyl (375 g/L) add an approved wetter (1000 g/L non-ionic) and do not exceed 700 mL of Swan MCPA LVE 570 Selective Herbicide per hectare. For consistent results, use a minimum of 80L water per ha by ground and 30L by air, and if wild oats are present, use 2L diclofop-methyl (375 g/L) per hectare.</p> |
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| Resistance Warning: | <p>RESISTANT WEEDS WARNING</p> <p>GROUP 4 HERBICIDE</p> <p>Swan MCPA LVE 570 Selective Herbicide is a member of the Phenoxy group of herbicides. Swan MCPA LVE 570 Selective Herbicide has the Disruptors of plant cell growth mode of action. For weed resistance management Swan MCPA LVE 570 Selective Herbicide is a Group 4 herbicide. Some naturally occurring weed biotypes resistant to Swan MCPA LVE 570 Selective Herbicide and other Group 4 herbicides may exist through normal genetic variability in any weed population. The resistant individuals can eventually</p> |
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| | <p>dominate the weed population if these herbicides are used repeatedly. These resistant weeds will not be controlled by Swan MCPA LVE 570 Selective Herbicide or other Group 4 herbicides.</p> <p>Since the occurrence of resistant weeds is difficult to detect prior to use, Swan Chemical Holdings Pty Ltd accepts no liability for any losses that may result from the failure of Swan MCPA LVE 570 Selective Herbicide to control resistant weeds.</p> |
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| Precautions: | |
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| Protections: | <p>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. Avoid spray drift and vapour movement onto susceptible crops such as cotton, vines, tomatoes, vegetables, fruit trees, lucerne, legume crops and pastures, oilseed crops or other susceptible crops or trees (e.g. kurrajongs, belahs, eucalypts).</p> <p>Legume Tolerance: The tolerance of pasture legumes to this product can vary with species, variety, growing conditions, stage of growth and companion crop cover. While MCPA is preferable to 2,4-D in most situations, this product will cause greater damage than MCPA amine formulations. Lucerne and medics should not be sprayed under any circumstances with this product as severe damage will result.</p> <p>PROTECTION OF WILDLIFE, FISH, CRUSTACEA AND ENVIRONMENT DO NOT contaminate streams, rivers or watercourses with the chemical or used container.</p> |
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| Storage and Disposal: | <p>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 for appropriate disposal 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>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.</p> <p>110L Mini-Bulk Returnable Container Store the original sealed container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. DO NOT tamper with the MicroMatic valve or the security seal. DO NOT contaminate the container with water or any other foreign matter. After each use of the product please ensure that the MicroMatic coupler, delivery system and hoses are disconnected, triple rinsed with clean water and drained accordingly. When the contents of the container have been used, please return the empty container to the point of purchase. The 110L container remains the property of Swan Holdings Pty Ltd.</p> |
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| Safety Directions: | Harmful if swallowed. Attacks eyes. Will irritate the skin. When preparing spray and using the prepared spray wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length chemical resistant gloves and goggles. If product in eyes, wash it out immediately with water. After use and before eating, drinking or smoking, wash hands, arms, and face thoroughly with soap and water. After each day's use wash gloves, goggles and contaminated clothing. |
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| First Aid Instructions: | If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26. |
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| First Aid Warnings: | |
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DIRECTIONS FOR USE

| Situation & Crop | Weeds | Rate/ha | Critical Comments |
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| Wheat (up to early flag leaf (Z37) only) | Refer Weed Table | 440 mL - 1.84 L | Use the lower rate (440 mL/ha) when crop is at 3-5 leaf stage (Z13-Z15). Apply higher rates from 5 leaf stage through to flag leaf just visible (Z15-Z37). Kulin: Use only from Z15-Z37 (WA only). |
| Oats, Barley, Triticale and Cereal Rye (up to early flag leaf (Z37) only) | | 440 mL - 1.84 L | Use lower rate (440 mL/ha) when crop is at 3-5 leaf stage (Z13-Z15). Apply higher rates from 5 leaf stage through to flag leaf just visible (Z15-Z37). Barley: Use only from 5 leaf stage to flag leaf just visible (Z15-Z37). |
| Grass Pastures and Grass Seed Crops | | 440 mL - 1.84 L | Apply to established grass-based pastures. Damage may occur to Legumes if present. See Legume Tolerance under Protection of Crops. NOTE: Capeweed, Paterson's Curse (Salvation Jane) and Variegated Thistle may be poisonous to stock after spraying. |
| CEREALS Wheat, Barley, Oats, Triticale, Cereal Rye | Wild radish Stage of weed growth Up to the 4-leaf stage and not more than 120 mm in diameter Up to the 6-leaf stage and not more than 150 mm in diameter Up to the 8-leaf stage and not more than 180 mm in diameter* | 17.5 mL plus 350 mL dff/MCPA 175 mL plus 500 mL dff/MCPA 350 mL plus 500 mL dff/MCPA | *Reduced efficacy (suppression only) may be achieved on wild radish larger than 8-leaf or greater than 180mm in diameter. DO NOT use this tank-mix if cereals are undersown with lucerne or annual medics. Crop Stage Swan MCPA LVE 570 Selective Herbicide 175 mL + dff/MCPA 350 mL: Apply from 3-leaf to fully tillered (Z13-30). Swan MCPA LVE 570 Selective Herbicide 175 mL + dff/MCPA 500 mL: Apply from 3-leaf to fully tillered (Z13-30). Swan MCPA LVE 570 Selective Herbicide 350 mL + dff/MCPA 500 mL: Apply from 5 leaf stage to fully tillered (Z16-30). Optimum results are achieved when sprayed at 3-5 leaf crop stage (generally 4-8 weeks post-sowing). WA only: DO NOT apply to Barley or Kulin Wheat before the 5-leaf stage (Z15). Warning: Dff/MCPA may cause transient crop yellowing of cereals. Some varieties of oats have not been tested. (Refer to 'Crop Tolerance' section of General Instructions on the Dff/MCPA label). |

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

WEED TABLE: Specific Weed Control Recommendations.

Where weeds are to be sprayed in a crop or pasture, use only the rates given for the particular crop or situation indicated under the Directions of Use table.

In most cases this will give control, however some hard to kill weeds or those in advanced stages of growth may only be suppressed.

The rates listed in the weeds table below are for use where weeds only are present and crop or pasture is not involved.

Use at these rates in a crop or pasture other than for spot spraying may cause damage.

| Weeds | Rate/ha | Critical Comments |
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| Bathurst Burr (<i>Xanthium spinosum</i>) | 1.4 L | Moderately susceptible. Spray young seedlings. |
| Capeweed (<i>Arctotheca calendula</i>) | 1.49 L | Apply up to 2-4 leaf stage only when plants are no larger than 5cm in diameter. |
| Charlock (<i>Sinapis arvensis</i>) | 400 mL-1.4 L | Young rosettes very susceptible. |
| Dandelion (<i>Taraxacum officinale</i>) | 1.4 L | Apply in early rosette stage. |
| Fat Hen (<i>Chenopodium album</i>) | 880 mL-1.4 L | Tolerance increases with age. Use lower rate only on seedlings. |
| Fumitory (<i>Fumaria</i>) | 965 mL | Moderately susceptible. Spray up to first true leaf stage. (Not Tas). |
| Hedge Mustards (<i>Sisymbrium</i> spp) | 490-880 mL | Apply at rosette stage. |
| Lincoln Weed (<i>Diplotaxis tenuifolia</i>) | 615 mL | Apply up to rosette stage only. |
| London Rocket (<i>Sisymbrium irio</i>) | 965 mL | Spray at young stage. |
| Noogoora Burr (<i>Xanthium occidentale</i>) | 1.4 L | Tolerance increases with age. Spray young seedlings only. |
| Paterson's Curse (<i>Echium plantagineum</i>) | 1.49 L | Apply at 2 to 4 leaf stage only. |
| Saffron Thistle (<i>Carthamus lanatus</i>) | 965 mL-1.66 L | Spray young rosettes before leaves become spiny. |
| Scotch (Cotton) Thistle (<i>Onopordum acanthium</i>) | 615 mL-1.49 L | Spray young rosettes. |
| Skeleton Weed (<i>Chondrilla juncea</i>) | 965 mL-1.4 L | Moderately susceptible. Spray rosettes before aerial growth commences. |
| Slender Thistle (<i>Carduus tenuiflorus</i>) | 1.84 L | Moderately susceptible. Spray young rosettes. |
| Spear Thistle (<i>Cirsium vulgare</i>) | 1.31-1.84 L | Moderately susceptible. Spray young rosettes. |
| Stinkwort (<i>Dittrichia graveolens</i>) | 1.4 L | Spray very young before plants 15cm high. |
| Turnip Weed (<i>Rapistrum rugosum</i>) | 615 -965 mL | Apply up to rosette stage. Apply lower rates to seedlings. |
| Volunteer Canola (<i>Brassica napus</i>) | 1.31 L | Apply to seedlings only. |
| Variegated Thistle (<i>Silybum marianum</i>) | 735-965 mL | Spray at pre-cabbage stage. |
| Volunteer Safflower (<i>Carthamus tinctorius</i>) | 880 mL | Apply to seedlings only. |
| Volunteer Sunflower (<i>Helianthus annuus</i>) | 1.31 L | Apply to seedlings only. |
| Wild Radish (<i>Raphanus raphanistrum</i>) | 965 mL-1.4 L | Apply up to 2 to 3 leaf stage only. |
| Wild Sage (<i>Salvia verbenaca</i>) | 965 mL | Spray young seedlings. |
| Wild Turnip (<i>Brassica</i> spp) | 440 mL-1.31 L | Spray young rosettes. Lower rates for seedlings. |