



Product Name: Farmalinx Hero Herbicide

APVMA Approval No: 87301 / 124825

Label Name:	Farmalinx Hero 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:	440 g/L 2,4-D ACID SOLVENT: 500 g/L N,N-DIMETHYLOCTANAMIDE AND N,N-DIMETHYLDECANAMIDE
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Mode of Action:	GROUP I HERBICIDE
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Statement of Claims:	A non-volatile formulation for selective control of various weeds in cherries and walnuts as per the Directions for Use Table. THIS IS A PHENOXY HERBICIDE THAT CAN CAUSE SEVERE DAMAGE TO NATIVE VEGETATION AND SUSCEPTIBLE CROPS SUCH AS COTTON, GRAPES, TOMATOES, OILSEED CROPS AND ORNAMENTALS.
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Net Contents:	1-1000 L
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Restraints:	RESTRAINTS DO NOT apply if crop or weeds are stressed due to dry or excessively moist conditions. DO NOT apply with spray droplets smaller than VERY COARSE spray droplets according to the ASAE S572.1 definition for standard nozzles. DO NOT use if rain is likely within 6 hours. DO NOT apply more than 2 times per year per orchard. BOOM SPRAYERS (Ground Application) - Apply to the orchard floor using a shielded sprayer.
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Directions for Use:	
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Other Limitations:	IN TASMANIA, THIS PRODUCT MAY ONLY BE USED FROM 15 APRIL to 15 SEPTEMBER UNLESS OTHERWISE PERMITTED BY THE REGISTRAR OF PESTICIDES.
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Withholding Periods:	<p>WITHHOLDING PERIODS (WHP):</p> <p>Harvest: CHERRIES: DO NOT HARVEST FOR 4 WEEKS AFTER APPLICATION WALNUTS: DO NOT HARVEST FOR 7 WEEKS AFTER APPLICATION</p> <p>Grazing: DO NOT graze orchards for 7 days after application.</p>
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Trade Advice:	
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General Instructions:	<p>GENERAL INSTRUCTIONS</p> <p>Farmalinx HERO Herbicide is based on un-neutralised 2,4-D acid. The physical characteristics of 2,4-D acid dissolved in a specialised solvent results in an EC formulation considered as non-volatile when used as directed.</p> <p>Before opening, carefully read Directions For Use, Precautionary Statements, Safety Directions and First Aid Instructions.</p> <p>MIXING</p> <p>HERO mixes readily with water. Ensure the spray tank is free of any residue of previous spray materials. Flush chemical suction equipment with fresh water between products, and between fills, when adding to the spray solution.</p> <ol style="list-style-type: none"> 1. Fill the spray tank with clean water to at least 70% of the required amount and start agitation. DO NOT use mechanical agitators as these may cause excessive foaming when herbicides are added. 3. Add tank mix products such as BAZOOKA to the spray tank and mix thoroughly (mixing order water - dispersible granules, then suspension concentrates, then emulsifiable concentrates, then soluble liquids). 4. Add HERO and mix thoroughly. 5. Top up tank to 95% of desired capacity then add any glyphosate product and the remaining water. 6. When WetDrop or FLX 700 or similar adjuvants are used, add near the end of the filling process. 7. Always maintain adequate agitation during application and use the tank mix promptly. <p>APPLICATION INFORMATION</p> <p>BOOM SPRAYING – Apply to orchard floor using a shielded sprayer. Use 250 – 300 L water per ha.</p> <p>EQUIPMENT MAINTENANCE AND USAGE</p> <p>Keep the spray unit for herbicides only if possible. Otherwise wash out the unit with hot soapy water followed by several clear water rinses. DO NOT use wooden spray vats as they cannot be cleaned. Hoses cannot be cleaned and new hoses should be fitted when the unit is to be used for any other purpose.</p> <p>COMPATIBILITY</p> <p>This product can be tank mixed with Bazooka 800 SG, Warlord 540, Glypho 450 and Glypho 680, Parquat 250 or Paradat.</p>
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Resistance Warning:	<p>RESISTANT WEEDS WARNING GROUP I HERBICIDE</p> <p>FARMALINX HERO Herbicide is a member of the Phenoxy group of herbicides. FARMALINX HERO Herbicide has the Disruptors of plant cell growth mode of action. For weed resistance management FARMALINX HERO Herbicide is a Group I herbicide. Some naturally-occurring weed biotypes resistant to FARMALINX HERO Herbicide and other 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 FARMALINX HERO Herbicide or other Group I herbicides.</p> <p>Since the occurrence of resistant weeds is difficult to detect prior to use, FARMALINX Pty Ltd accepts no liability for any losses that may result from the failure of FARMALINX HERO Herbicide to control resistant weeds.</p>
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Precautions:	<p>PRECAUTION Re-Entry Period DO NOT enter treated areas until spray has dried. If prior entry is necessary, wear cotton overalls buttoned to the neck and wrist and a washable hat and chemical resistant gloves. Clothing must be laundered after each day's use.</p>
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Protections:	<p>PROTECTION OF LIVESTOCK Low hazard to bees. May be applied at any time as recommended in the Directions for Use.</p> <p>PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT DO NOT contaminate streams, rivers or waterways 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.</p> <p>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 regulation. Do not burn empty containers or product.</p> <p>For Refillable Containers:</p> <p>Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.</p>
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Safety Directions:	<p>Harmful if absorbed by the skin, inhaled or swallowed. Will irritate eyes and skin. Repeated exposure may cause allergic disorders. Avoid contact with eyes and skin. Avoid inhaling vapour. When preparing the spray for boomspray spraying equipment, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), elbow-length chemical resistant gloves and face shield or goggles and half facepiece respirator. If applying by spraying equipment carried on the back of the user, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and elbow-length chemical resistant gloves. Wash hands after use. After each day's use, wash gloves, respirator, face shield or goggles and contaminated clothing.</p>
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First Aid Instructions:	If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26, New Zealand 0800 764 766. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.
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First Aid Warnings:	
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DIRECTIONS FOR USE

CROP	WEEDS CONTROLLED	RATE	CRITICAL COMMENTS
Walnuts	Broadleaf weeds see weeds list	3.5 L/ha	Apply to orchard floor using a very coarse spray and low pressure using 250-300 L/ha water volumes to obtain thorough wetting of weeds. Treat when weeds are small and actively growing. Apply using a covered/shielded sprayer to prevent contact with trunks or foliage. Trees must be at least 1 year old and in vigorous condition. Do not apply more than 2 sprays per season.
Cherries			Where grasses are present tankmix with a knockdown such as BAZOOKA (glyphosate). Hero will provide some suppression of Ryegrass and grasses, however, where a majority of grasses are present tankmix with glyphosate Bazooka. Similarly, to enhance broadleaf control of BAZOOKA use HERO as a spike. Mix with a suitable wetter where appropriate to increase efficacy.

Spot Spraying

SITUATION	WEEDS CONTROLLED	RATE	CRITICAL COMMENTS
Spot Spraying (Situations on label only)	Refer to Weed Table	35 mL/100 L	Apply through Knapsack. Thorough wetting of weed is essential. Note: Spot Spray rate assumes 1000 L water/ha

WEEDS LIST

Amaranthus spp.	Horehound (seedlings),	Paddy Melon
Bathurst Burr	Hogweed,	Paterson's Curse
Caltrop	Hoary Cress,	Plantain/Ribwort
Capeweed	Khaki Weed	Poppy Wild
Charlock	Lincoln Weed	Ragwort
Clover	London Rocket	Rapeseed
Deadnettle	Lupins	Rapistrum
Dock/Curly Dock	Marshmallow	Rough Poppy
Fat Hen	Medics	Skeleton Weed
Flatweed	Melilotus/Hexham Scent	St John's Wort
Fumitory – red	Melons – Camel, Paddy	Safflower
Fumitory – white	Mustards	Sand Rocket
Galvanised Burr	Mintweed	Scarlet pimpernel
Goosefoots	Muskweed	Shepherd's Purse
Hard Head or Russian Knapweed	New Zealand Spinach	Silverleaf Nightshade
	Noogoora Burr	Skeleton Weed

DIRECTIONS FOR USE

Small flowered mallow	– Slender/Shore	Wards Weed,
Stingless Nettle	– Soldier	Whiteweedy
(Deadnettle)	– Sowthistle	Wild Cabbage
Stinging Nettle	- Spear	Wild Mignonette
Stinkwort	– Stemless	Wild Mustard
Storksbill/Erodium	– St Barnabys	Wild Radish
Subterranean clover	– Star	Wild Sage
Thistle:	– Variegated	Wild Turnip
– Golden	Thornapple	Willowherb
– Nodding	Tree Hogweed	
– Saffron	Turnip Weed	
– Sheep	Vetches/Tares	Wireweed

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