



Product Name: Farmalinx MSMA 800 Herbicide
APVMA Approval No: 88479/122675

Label Name: ProForce Geronimo 800 SL Herbicide

Signal Headings: DANGEROUS POISON
KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Constituent Statements: 800 g/L MSMA

Mode of Action: GROUP Z HERBICIDE

Statement of Claims: Controls Annual and Perennial Grasses and Burrs in Cotton, Annual and Perennial Grasses in Sugarcane, Grass Weeds in Couch Turf, Prickly Pear and Grasses and Burrs in Non-Crop Areas.
DO NOT USE IN THE HOME GARDEN

Net Contents: 5 - 200 L

Restraints: DO NOT cut, mow or cultivate treated areas that have been sprayed for 14 days as this can reduce herbicide action.
DO NOT spray if rain is expected within 6 hours.

Directions for Use: This section contains file attachment.

Other Limitations: DO NOT USE IN THE HOME GARDEN.

Withholding Periods: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 5 WEEKS AFTER APPLICATION.

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

General Instructions:	<p>GENERAL INSTRUCTIONS ProForce GERONIMO 800 SL Herbicide contains a high level of surfactant. Additional wetting agent should not be required except as directed for use in sugar cane. Apply under hot, dry conditions when air temperature is above 25°C for best results. For couch in NSW see Critical Comments. Thorough spray coverage of weed foliage is required for good results. Spray is absorbed mainly through plant foliage and spray solution reaching the soil is inactivated. Treated weeds yellow and brown 3-10 days after treatment.</p> <p>MIXING GERONIMO 800 SL mixes readily with water. Add to half full tank with agitation, and then finish filling tank.</p> <p>CLEANING UP Wash out equipment with clean water immediately after use.</p> <p>COMPATIBILITY GERONIMO 800 SL is compatible with other herbicides including 2,2-DPA, Diuron, Hexazinone, Bromacil, Fluometuron, Sodium TCA and amines and esters of 2,4-D can be made for specific weeds and/or residual control.</p> <p>TANK MIXTURES: Read and follow all label directions including restraints, spray drift restraints, mandatory no-spray zones, critical comments, withholding periods, regional use restrictions and safety directions for the tank mix products.</p>
-----------------------	--

Resistance Warning:	<p>RESISTANT WEEDS WARNING GROUP Z HERBICIDE</p> <p>ProForce GERONIMO 800 SL Herbicide is a member of the group of herbicides with diverse sites of action. For weed resistance management GERONIMO 800 SL is a Group Z herbicide. Some naturally occurring weed biotypes resistant to GERONIMO 800 SL and other Group Z 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 GERONIMO 800 SL and other Group Z herbicides, thus resulting in a reduction in efficacy and possible yield loss. Since the occurrence of resistant weeds is difficult to detect prior to use, Indigo Specialty Products Pty Ltd accepts no liability for any losses that may result from the failure of GERONIMO 800 SL to control resistant weeds.</p>
---------------------	--

Precautions:	
--------------	--

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, adjacent cropping lands or pastures.</p> <p>PROTECTION OF LIVESTOCK, WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT Dangerous to fish. DO NOT contaminate streams, rivers or waterways with the chemical or used containers.</p>
--------------	---

Storage and Disposal:	Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. Store in a locked room or place away from children, animals, food, feedstuffs, seed and fertilisers.
-----------------------	--

Triple rinse container 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 container or product.

Safety Directions: Poisonous if absorbed by skin contact or swallowed. May irritate the eyes and skin. Avoid contact with eyes and skin. When preparing and using the prepared spray, wear cotton overalls buttoned to the neck and wrist, a washable hat and rubber gloves. 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 and contaminated clothing.

First Aid Instructions: If poisoning occurs contact a doctor or Poisons Information Centre (Phone Australia 13 11 26), New Zealand 0800 764 766.

First Aid Warnings:

ProForce Geronimo 800 SL Herbicide DIRECTIONS FOR USE

DIRECTIONS FOR USE

CROP/ SITUATION	WEEDS CONTROLLED	STATE	RATE	CRITICAL COMMENTS
COTTON	Bathurst Burr (<i>Xanthium spinosum</i>), Columbus Grass (<i>Sorghum alnum</i>), Johnson Grass* (<i>Sorghum halepense</i>), Noogoora Burr (<i>Xanthium pungens</i>), Nutgrass** (<i>Cyperus rotundus</i>), Paspalum* (<i>Paspalum dilatatum</i>)	Qld, NSW, ACT, WA only	2.8 L/ha in 300 L of water 1 L/ha of crop sown in 100 L of water when treating 1/3 of area sown 2.8 L/ha in 25-80 L of water	Apply as a directed overall spray to base of cotton plants after cotton is 70 mm high and before first bloom opens. Repeat 3 weeks later if necessary. Apply as a band spray after cotton is 70 mm high and before first bloom opens. Direct band to base of cotton plants. Repeat 3 weeks later if necessary. Apply by aircraft after cotton is 70 mm high and before first bloom opens. Non-directed spraying can result in some red discolouration of cotton foliage.
SUGAR CANE	Barnyard Grass (<i>Echinochloa crus-galli</i>), Crab Grass/Summer Grass (<i>Digitaria sanguinalis</i>), Green Summer Grass (<i>Brachiaria miliiformis</i>), Itch Grass (<i>Rottboellia cochinchinensis</i>)	Qld, NSW, ACT only	3 to 6 L/ha	Whenever sugarcane is sprayed directly with GERONIMO 800 SL or mixtures containing GERONIMO 800 SL some visual damage is to be expected. Usually this will grow out within 3 weeks. Some sugarcane varieties are more sensitive to herbicide spray damage than others and the non-directed, full cover spraying of a susceptible sugar cane variety at a vulnerable stage of cane growth, can result in unacceptable crop phytotoxicity. Local varietal responses should be confirmed before any full cover spraying of large areas is undertaken. Apply as a directed spray. Minimise, so far as practicable, contact with sugar cane foliage which will be 50-80 mm high at time of spraying. Select a lower rate than 6.0 L/ha if target grasses are not beyond early tillering stage, or when using in a tank mix with either Diuron 900 g/kg or Velpar® K4. The addition of Agral wetting agent will improve the activity.
	Guinea Grass (<i>Panicum maximum</i>)	Qld only	Initial Boom Spray Treatment 3 L/ha Tank mix with 1.1 kg/ha of Diuron 900 g/kg. Apply in a minimum of 300 L of water/ha. Add 100 mL of Agral wetting agent /100 L spray solution. Follow up Boom Spray Treatment 3 L/ha in a minimum of 300 L of water/ha Follow up Spot Spray Treatment 1 L plus 550 g Diuron 900 g/kg per 100 L of water.	Apply as a directed spray in fine, clear weather to prevent Guinea Grass establishing in plant cane or early ratoon cane. Minimise, so far as practicable, contact with sugar cane foliage which will be 50-80 mm high at time of spraying. Best results are achieved if spraying takes place when Guinea Grass is at the seedling stage when stools are small. Spraying at this rate generally means only one spray application is needed. Use sufficient spray volume to thoroughly wet all Guinea Grass plants. If weeds are large and dense, then a water volume greater than 300 L/ha will be required. Under certain circumstances (eg: when the Guinea Grass population is very dense) the herbicide tank mixture can be applied over the top of the sugar cane. Whenever sugar cane is sprayed directly with GERONIMO 800 SL or mixtures containing GERONIMO 800 SL some visual damage is to be expected. Usually this will grow out within 3 weeks. Some sugarcane varieties are more sensitive to herbicide spray damage than others and the non-directed, full cover spraying of a susceptible sugar cane variety at a vulnerable stage of cane growth, can result in unacceptable crop phytotoxicity. Local varietal responses should be confirmed before any full cover spraying of large areas is undertaken. Assess the sprayed area 3 weeks after initial treatment. Follow up with another directed boom spray application or a spot spray treatment. The method of treatment used will depend on the weed population remaining and/or the number of Guinea Grass plants still having central green leaves. If storm rain falls after treatment it is important to monitor for the emergence of new Guinea Grass seedlings.

ProForce Geronimo 800 SL Herbicide DIRECTIONS FOR USE

CROP/ SITUATION	WEEDS CONTROLLED	STATE	RATE	CRITICAL COMMENTS
SUGAR CANE continued	Vasey Grass (<i>Paspalum urvillei</i>) or Giant Paspalum	Qld, NSW, ACT only	6 L/ha in a minimum of 300 L water. Add 200 mL of Agral wetting agent per 100 L of spray solution.	Apply as a directed spray in fine, clear weather to prevent Vasey Grass establishing in plant cane or early ratoon cane. Minimise, so far as practicable, contact with sugar cane foliage which will be 50-80 mm high at time of spraying. Best results are achieved if spraying takes place when Paspalum is at the seedling stage when stools are small. Use sufficient spray volume to thoroughly wet all Vasey Grass plants. If weeds are large and dense, then a water volume greater than 300 L/ha will be required. Under certain circumstances (eg: when the Vasey Grass population is very dense) the herbicide can be applied over the top of the sugar cane. Whenever sugar cane is sprayed directly with GERONIMO 800 SL some visual damage is to be expected. Usually this will grow out within 3 weeks. Some sugarcane varieties are more sensitive to herbicide spray damage than others and the non-directed, full cover spraying of a susceptible sugar cane variety at a vulnerable stage of cane growth, can result in unacceptable crop phytotoxicity. Local varietal responses should be confirmed before any full cover spraying of large areas is undertaken. Directed spray application from both sides of the cane row is effective and relatively safe on the cane.
SUGAR CANE Spot Spraying Only	Barnyard Grass (<i>Echinochloa crus-galli</i>), Crab Grass/Summer Grass (<i>Digitaria sanguinalis</i>), Green Summer Grass (<i>Brachiaria miliiformis</i>), Itch Grass (<i>Rottboellia cochinchinensis</i>), Wild Sorghum (<i>Sorghum verticilliflorum</i>)	Qld only	1 L in 100 L of water. Add 100 mL of Agral wetting agent/100 L of spray	Spot spray grass weeds in ratoon sugar cane avoiding contact with the sugar cane foliage. To improve weed spectrum or residual weed control add Diuron 900 g/kg at 550 g/100 L
	Vasey Grass (<i>Paspalum urvillei</i>) or Giant Paspalum	Qld, NSW, ACT only		
TURF Couch (<i>Cynodon dactylon</i>), Buffalo And Clover Lawns Or Turf Only Green Couch (<i>Cynodon dactylon</i>) And Hybrids Of Green Couch Only	Crab Grass/Summer Grass (<i>Digitaria sanguinalis</i>)	WA only	6 L/ha in 300 L of water for boom application	DO NOT apply to Bent, Qld Blue Couch (<i>Digitaria</i> spp.), Fescue, Blue Grass or Dichondra Lawns or Turf as severe damage can occur. Turf may yellow temporarily but this will disappear after mowing. DO NOT mow for 4 days before or 7 days after application. DO NOT water for 4 days after application. If Crab Grass has not been killed in 14 days repeat application.
	Crab Grass/Summer Grass (<i>Digitaria sanguinalis</i>), Paspalum (<i>Paspalum dilatatum</i>)	Qld, NSW ACT only	6 L/ha in 300 L of water for boom application or 3 L/ha applied twice approximately 7- 10 days apart.	DO NOT apply to Qld Blue Couch (<i>Digitaria</i> spp.), Bent Fescue, Blue Grass, Kikuyu or Dichondra Lawns or Turf as severe damage or death can occur. Turf may yellow temporarily but this will disappear after mowing. A split application of 3 L/ha applied twice; 7-10 days between application will reduce yellowing of the turf or lawn. DO NOT mow for 4 days before or 4 days after application. DO NOT water for 2 days after application. Weeds should be sprayed when young and actively growing. If weeds have not been killed 14 days after spraying (at 6 L/ha), repeat the application. As some phytotoxicity to couch may occur when temperatures are high, avoid use at these times.

ProForce Geronimo 800 SL Herbicide DIRECTIONS FOR USE

NON-CROP AREAS Roadsides, Fence Lines, Storage Areas	Bathurst Burr (<i>Xanthium spinosum</i>), Johnson Grass* (<i>Sorghum halepense</i>), Noogoora Burr (<i>Xanthium pungens</i>), Nutgrass** (<i>Cyperus rotundus</i>), Paspalum* (<i>Paspalum dilatatum</i>), Spiny Burr Grass (<i>Cenchrus incertus</i>) and most annual Summer Grasses	Qld, NSW, ACT, Vic, SA, WA only	10-12 L/ha in 500 L water for boom application or 1 L per 100 L of water for spot spraying.	Use lower rate for seedling weeds. Repeat 3-4 weeks later on established perennial weeds.
---	--	---	--	--

CROP/ SITUATION	WEEDS CONTROLLED	STATE	RATE	CRITICAL COMMENTS
Control Of Prickly Pear	Common Prickly Pear (<i>Opuntia stricta</i>), Devils Rope (<i>Opuntia imbricate</i>), Drooping Prickly Pear (<i>Opuntia vulgaris</i>), Indian Fig (<i>Opuntia ficusindica</i>), Wheel Cactus (<i>Opuntia robusta</i>) and <i>Opuntia leucotricha</i> , <i>Opuntia phaeocantha</i>	SA only	1 L in 40 L of water.	Apply during summer using a power sprayer when air temperature is above 30°C. Thoroughly cover all pad surfaces. Re-spray any regrowth that may occur.

* Paspalum and Johnson Grass – A repeat application 3 weeks after initial treatment is required for best control.

** Repeat applications on Nut Grass will reduce this weed but not eradicate it.

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