

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

Salibro[®]

Reklemel[®] active

NEMATICIDE

ACTIVE CONSTITUENT: 500 g/L FLUAZAINDOLIZINE

GROUP N - UN NEMATICIDE

For the control of nematodes in Cucurbits, Fruiting vegetables, Root and Tuber vegetables as per the Directions for Use

Contents: 1 – 200 litre

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre.
Phone: *Australia* 13 11 26.

SAFETY DIRECTIONS

- May irritate the eyes and skin.
- Avoid contact with the eyes and skin.
- When preparing the product for use and using the product, wear gauntlet-length PVC gloves.
- Wash hands after use.
- After each day's use wash gloves.

**EMERGENCY RESPONSE
(ALL HOURS)**
RING FROM ANYWHERE IN
AUSTRALIA
1800 370 754
(LOCAL CALL FEE ONLY)

IN A TRANSPORT
EMERGENCY ONLY
DIAL 000
FOR POLICE OR
FIRE BRIGADE

SAFETY DATA SHEET

Additional information is listed on the Safety Data Sheet for **SALIBRO[®] REKLEMEL[®] ACTIVE NEMATICIDE** which is available from Corteva Agriscience on request. Call Customer Service Toll Free on 1-800 700 096 or visit www.corteva.com.au



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Visit us at Corteva.com.au

DIRECTIONS FOR USE

RESTRAINTS:

DO NOT use in hydroponic systems.

DO NOT directly soak or drench bare transplant roots during the planting process.

DO NOT apply if heavy rains or storms are forecast within three (3) days.

DO NOT irrigate to the point of water run-off from the treatment area for at least three (3) days after application.

DO NOT apply to sweet potatoes later than 21 days after transplanting.

DO NOT apply by a vertical sprayer.

DO NOT apply by aircraft.

SPRAY DRIFT RESTRAINTS

Specific definitions for terms used in this section of the label can be found at apvma.gov.au/spraydrift.

DO NOT allow bystanders to come into contact with the spray cloud.

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.

DO NOT apply unless the wind speed is between three (3) and twenty (20) kilometres per hour at the application site during the time of application.

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 one (1) to two (2) hours before sunset and persist until one (1) to two (2) hours after sunrise.

DO NOT apply by a boom sprayer unless the following requirements are met:

- spray droplets not smaller than a COARSE spray droplet size category
- minimum distances between the application site and downwind sensitive areas (see 'Mandatory buffer zones' section of the following table titled 'Buffer zones for boom sprayers') are observed.

Buffer zones for boom sprayers

Application rate	Boom height above the target canopy	Mandatory downwind buffer zones				
		Bystander areas	Natural aquatic areas	Pollinator areas	Vegetation areas	Livestock areas
Up to maximum label rate	0.5 m or lower	0 metres	0 metres	0 metres	0 metres	100 metres
	1.0 m or lower	0 metres	0 metres	0 metres	0 metres	350 metres
2000 mL/ha or lower	0.5 m or lower	0 metres	0 metres	0 metres	0 metres	30 metres
	1.0 m or lower	0 metres	0 metres	0 metres	0 metres	150 metres

For use in all States where appropriate for the crop and/or disease.

VEGETABLE CROPS

CROP	PEST	APPLICATION METHOD	APPLICATION TIMING	RATE	CRITICAL COMMENTS
<p>ALL CROPS: Salibro® rates should only be applied to the portion of the field/greenhouse that requires protection from nematode infestation. For example, if the inter-row accounts for 30% of the area the use rate over the full hectare will be 2 or 4 litres per ha x 70%.</p> <p>To calculate the treated area, measure the length of the row, by the width. For example, a 200 m long by 1 m wide bed is 200 m² or 0.02 ha. With an application rate of 2 or 4 L/ha x 0.02 ha either 40 or 80 mL (respectively) will be required to treat the selected area.</p> <p>DO NOT apply more than 4 L/ha per year. Refer to the application section of the label for guidance on application methods.</p>					
<p>Cucurbits (field and protected crops): including Bitter melon, Cantaloupe, Chokos, Cucumber, Gherkin, Gourds, Marrow, Melons, Pumpkins, Rockmelon, Squash, Summer Watermelon, Winter squash, Zucchini</p>	<p>Root Knot Nematode (<i>Meloidogyne</i> spp.)</p>	At establishment drip/trickle irrigation	Apply up to three (3) days before planting to one (1) day after planting	4 L/ha	
		Soil applied and incorporated by irrigation or mechanical incorporation	Apply up to three (3) days before transplanting		
		Pre- & post plant drip irrigation	Apply 2 L/ha up to three (3) days before planting to one (1) day after planting. For extended control apply a second application, 14 - 28 days after transplanting	2 L/ha + 2 L/ha	Refer to pre-plant application for a suitable method of application
		Post-plant drip (following a pre-plant or at plant application of another effective nematicide)	-	2 or 4 L/ha	Use the low rate where the prior nematicide treatment(s) has provided effective control and extended residual control (i.e. "top-up") is required. Use the higher rate where nematicide pressure is high.

VEGETABLE CROPS *continued*

CROP	PEST	APPLICATION METHOD	APPLICATION TIMING	RATE	CRITICAL COMMENTS
Fruiting vegetables (field and protected crops): including Bush tomato, Capsicum (Pepper), Cherry tomato, Chilli, Eggplant, Ground cherries, Okra, Sunberry, Tomatillo, Tomato	Root Knot Nematode (<i>Meloidogyne</i> spp.)	At establishment drip/trickle irrigation	Apply up to three (3) days before planting to one (1) day after planting	4 L/ha	
		Soil applied and incorporated by irrigation or mechanical incorporation	Apply up to three (3) days before transplanting		
		Pre- & post plant drip irrigation	Apply 2 L/ha up to three (3) days before planting to one (1) day after planting. For extended control apply a second application, 14 - 28 days after transplanting	2 L/ha + 2 L/ha	Refer to pre-plant application for a suitable method of application
		Post-plant drip (following a pre-plant or at plant application of another effective nematicide)	-	2 or 4 L/ha	Use the low rate where the prior nematicide treatment(s) has provided effective control and extended residual control (i.e. "top-up") is required. Use the higher rate where nematicide pressure is high.

VEGETABLE CROPS *continued*

CROP	PEST	APPLICATION METHOD	APPLICATION TIMING	RATE	CRITICAL COMMENTS	
Root and Tuber vegetables: including Arrowroot, Beetroot, Carrot, Cassava, Celeriac, Galangal, Ginseng, Horseradish, Parsnip, Potato, Radish, Swede, Taro, Turnip, Garden, Yams.	Root Knot Nematode (<i>Meloidogyne</i> spp.)	Pre-plant incorporated or in-furrow soil treatment	Apply up to three (3) days before planting	4 L/ha	Refer to the Application section for detailed instructions.	
Sweet Potato	Root Knot Nematode (<i>Meloidogyne</i> spp.)	At establishment drip/trickle irrigation	Apply three (3) days before planting to three (3) days after planting	4 L/ha		
		Soil applied and incorporated by irrigation or mechanical incorporation	Apply up to three (3) days before transplanting			
		Pre- & post plant drip irrigation	Apply 2 L/ha three (3) days before planting to three (3) days after planting. For extended control apply a second application, 14 - 21 days after transplanting	2 L/ha + 2 L/ha		Refer to pre-plant application for a suitable method of application
		Post-plant drip (following a pre-plant or at plant application of another effective nematicide)	Apply up to 21 days after transplanting	2 or 4 L/ha		Use the low rate where the prior nematicide treatment(s) has provided effective control and extended residual control (i.e. "top-up") is required. Use the higher rate where nematicide pressure is high.

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

WITHHOLDING PERIODS

CUCURBITS, FRUITING VEGETABLES: **NIL.**

ROOT AND TUBER VEGETABLES: **NOT REQUIRED WHEN USED AS DIRECTED.**

TRADE ADVICE

EXPORT OF TREATED PRODUCE

Growers should note that suitable Maximum Residue Levels (MRLs) or import tolerances may not be established in all markets for produce treated with Salibro®. If you are growing produce for export, please check with Corteva Agriscience for the latest information on MRLs and export tolerances before using this product.

GENERAL INSTRUCTIONS

Salibro® is a sulfonamide nematicide, in the form of suspension concentrate and is to be diluted with water. Salibro® works by contact with nematodes in the soil pore water, and is not considered systemic in plants by soil application. Intrinsic sensitivities differ to Salibro®, with plant parasitic nematodes being of higher sensitivity than other groups of the soil nematode community.

The physico-chemical properties of Salibro® lend it to be well balanced in terms of the soil mobility and residual properties in the soil root zone. As such it is compatible with a number of grower application methods, such as drip irrigation, bed sprays, in furrow application or incorporation before planting. Thus, agronomically, it has a fit for use in nematode control in a range of crops.

NEMATODE PRESSURE AND MANAGEMENT

A variety of nematode population pressures can exist in field conditions. The visible efficacy of a single product will depend upon the effectiveness of the product and the accuracy of application of the product into the treated root zone area, and the level of nematode population. Under extremely high nematode pressure no single product will provide high-level nematode control, and in these circumstances a range of nematode management measures should be undertaken by the grower to reduce the nematode pressure, such as use of rotations, fallow periods, resistant or tolerant varieties, chemical and biological nematode control agents.

INTEGRATED PEST MANAGEMENT

Salibro® has a favourable profile for non-target organisms making it an ideal product for use in integrated pest management (IPM) systems. In particular, Salibro® has been shown to be highly compatible with a broad range of naturally occurring or introduced biological control agents, such as beneficial fungi and nematodes, bacteria and other important non-target organisms that inhabit the soil rhizosphere (such as worms) and help sustain crop and soil health.

Consider the following recommended management practices to sustainably control or suppress plant parasitic nematode populations:

- Take soil samples regularly to determine the plant parasitic nematode species present and population density from the previous crop.
- Consider using nematode resistant or tolerant crop varieties.
- Consider cultural methods to reduce nematode populations, e.g., fallow periods, rotations, or soil amendments.
- Consider a combination of effective products in a nematode management program – pre-planting and in the crop, e.g. approved fumigants, nematicides, and other products

that protect crop roots. This may be critical under high pest pressure situations where no single product may provide sufficient control.

- To minimise the possibility of enhanced microbial degradation from occurring, avoid long-term repeated applications of the same product or group of compounds in the same field. If any reduction in product performance is noted, it is important to contact the local company representative.

MIXING INSTRUCTIONS (In-furrow or broadcast application)

Ensure the spraying equipment is clean and properly calibrated prior to application. Spray equipment must be clean and free of previous pesticide deposits before applying this product.

Fill spray tank $\frac{1}{4}$ to $\frac{1}{2}$ full of water. Add Salibro® mixes directly to the spray tank during filling.

Once dispersed, the material must be kept in suspension at all times by continuous agitation. Use mechanical or hydraulic means, **DO NOT** use air agitation.

If spray solution is left standing, ensure thorough re-agitation of the spray mix until fully resuspended. **DO NOT** allow spray mix to sit overnight.

Surfactant/Wetting Agents

Use of a surfactant/wetting agent is not required.

APPLICATION BY TRICKLE OR DRIP IRRIGATION

Any drip system used must be properly designed, free of leaks, and operated in a manner that provides uniform application of water in the targeted root zone area across the field.

This product acts by contact action with plant parasitic nematodes in soil pore water. This product must be applied uniformly across the root zone or poor performance may result. Drip tape or emitters must be located within or directly adjacent to the root zone that requires protection from nematodes.

Apply in sufficient water and of sufficient duration to apply the labeled rate evenly to the entire treated area. In most situations, this product should be applied in the second quarter or middle third of the drip cycle. The delivery system should be fully charged with water, and at required operating pressure, then sufficient water should be applied to the soil root zone to ensure it is moist, and then this product is applied, and then a further amount of water is applied to distribute the product in the soil and ensure the drip system is thoroughly flushed through.

The minimum injection period is the time that it takes water to move from the injection point to the furthest emitter in the irrigation zone (line). If this time is not known, it can be calculated by measuring the time for a soluble dye to move from the injection point to the furthest emitter. A longer injection time may improve uniformity throughout the zone, but needs to allow for at least an equal period of flush and move the product through the soil. If you have any questions about calibration, you should contact service specialists, equipment manufacturers, or other specialists.

When the application is finished, allow the entire irrigation and injector system to be thoroughly flushed clean before stopping the system.

IN-FURROW AT-PLANT APPLICATION

Where permitted by crop specific use directions apply in-furrow during planting operations. Direct applications into the open furrow and cover with soil.

BROADCAST APPLICATION FOLLOWED BY INCORPORATION

Apply using conventional application equipment. Prepare the spray mix by adding the product to the spray tank with a minimum of 150 L/ha of water to obtain a uniform application. Maintain sufficient agitation during mixing and application to ensure a homogeneous spray solution. Uniformly apply the spray mix over the whole field. Immediately after application, mechanically incorporate to a depth of 10 - 15 cm with incorporation equipment to ensure even distribution.

If irrigation is used to water the application, use a sufficient amount of water to move the applied product at least 5 cm deep in the soil. However, **DO NOT** apply irrigation water such that the water moves off the field.

COMPATIBILITY

Salibro® is physically compatible with most commonly used fungicide and insecticide products. To confirm compatibility, perform a compatibility test or jar test prior to mixing in a spray tank. Using a clear glass jar with lid, premix a small quantity of a desired tank mix and observe possible adverse changes (settling out, flocculation, etc.). Mix the ingredients in the same order and proportions as they will be used in the spray tank. The mixture is compatible if the materials mix readily when the jar is inverted several times. The mixture should remain stable after standing for 30 minutes, or, if separation occurs, should readily mix if agitated. An incompatible mixture is indicated by separation into distinct layers that do not readily remix when agitated and/or the presence of flakes, precipitates, gels, or heavy oily film in the jar.

The crop safety of all potential tank-mix partners with Salibro® has not been tested on all crops. Before applying any tank-mix with a partner not specified on this label, apply to a small portion of the crop to be treated to ensure an adverse response will not occur.

The tank-mixing sequence recommended is: water soluble bags, dry flowable or water dispersible granules, wettable powders, water based suspension concentrates (e.g Salibro®), water soluble concentrates, oil based suspension concentrates, emulsifiable concentrates, adjuvants surfactants, soluble fertilisers and drift retardants.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

The data that is currently available indicates no problems in the sequential applications in rotation regimes with other commonly-used agricultural products. Crop cultivars can differ in their response and certain environmental conditions may also be influential. It is not possible to test all sequential applications in product rotation regimes. So, prior to using the product alone or in sequential applications in grower's product rotation regimes on a new variety or on a wide area, test the products in a small area to ensure that an adverse crop response will not occur.

IMPORTANT: Not all crops within a crop group, and not all varieties, cultivars or hybrids of crops, have been individually tested for crop safety. To test for crop safety, apply the product in accordance with the label instructions to a small area of the target crop to ensure that a phytotoxic response will not occur, especially where the application is a new use of the product by the applicator.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate wetlands or watercourses with this product or used containers.

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well-ventilated area. **DO NOT** store for prolonged periods in direct sunlight.

This container can be recycled if it is clean, dry, free of visible residues and has the **drumMUSTER** logo visible. Triple or pressure rinse container for disposal. Dispose of rinsate by adding to the spray tank. Do not dispose of undiluted chemicals on site. Wash

outside of the container and the cap. Store cleaned container in a sheltered place with cap removed. It will then be acceptable for recycling at any **drumMUSTER** collection or similar container management site. The cap should not be replaced but may be taken separately. 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.

APVMA Approval No. : 89013/123165

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CUSTOMER SERVICE TOLL FREE

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Barcode
for stock
identification



Hazard and precautionary statements according to classification under GHS (Globally Harmonised System of Classification and Labelling). May cause damage to organs (liver) through prolonged or repeated exposure. **DO NOT** breath mist, vapours or spray. Get medical attention if you feel unwell.