

BEFORE USING THIS PRODUCT, READ THE LABEL CAREFULLY. KEEP OUT OF REACH OF CHILDREN AND ANIMALS.

Herbicide



LATERAL 100 SL

Reg. No. L 11325 Act No. 36 of 1947

1: 04/07/2023 – Oct2023

A water-soluble liquid herbicide for the systemic control of certain annual broadleaf weeds in canola and suppression of Acacia spp. in pine and Eucalyptus plantations.

ACTIVE INGREDIENT

clopyralid (pyridine compound) 100 g/l

GROUP

4

HERBICIDE



DANGER

Hazard Statements:

Causes serious eye damage.

Precautionary Statements:

Wash hands thoroughly after handling. Do not touch eyes.

Wear impervious rubber gloves and boots, protective clothing and chemical safety goggles.



villa

UN Number: Not regulated

Registration holder: VILLA CROP PROTECTION (PTY) LTD.

Co. Reg. No. 1983/008184/07

PO Box 10413, Aston Manor, 1630

Tel. (011) 396 2233

Website: www.villacrop.co.za

24 HR EMERGENCY NUMBERS:

Griffon Poison Centre: +27 82 446 8946

24 HR Transport / Spill Emergency no: (Hazcall24) +27 86 044 4411

(Client: Villa Crop Protection)

DIRECTIONS FOR USE ENCLOSED

Batch Number:

Date of Manufacture:

REFER TO DETAILS AS PRINTED ON CONTAINER / BAG

LATERAL 100 SL

Reg. No. L 11325 Act No. 36 of 1947
 HRAC HERBICIDE GROUP CODE: 4

ACTIVE INGREDIENT:

clopyralid (pyridine compound).....100g/l

Registration holder:

VILLA CROP PROTECTION (PTY) LTD.

Co. Reg. No. 1992/002474/07

PO Box 10413, ASTON MANOR, 1630, Tel. (011) 396 2233

WARNINGS**Withholding periods:**

Minimum time between the last application and harvest or grazing	
Canola (including tank mixtures with Continua 225 EC)	45 days

Hazard statements

Causes serious eye damage

- Handle with care.
- Harmful if swallowed.
- Causes mild skin irritation.
- Store in a cool, dry place under lock and key, away from food, feed, seed, fertilizers and other agricultural remedies.
- Keep out of reach of children, animals and uninformed persons.
- Re-entry: Do not enter treated area until spray deposit has dried unless wearing protective clothing.
- **In case of poisoning call a physician and make this label available to him/her.**

<p>Although this remedy has been extensively tested under a large variety of conditions, the registration holder does not warrant that it will be efficacious under all conditions, because the action and effect thereof may be affected by factors such as abnormal soil, climatic and storage conditions, quality of dilution water, compatibility with other substances not indicated on the label and the occurrence of resistance of the weeds to the remedy concerned, as well as by the method, time and accuracy of application. The registration holder further does not accept responsibility for damage to crops, vegetation, the environment or harm to man or animal or for lack of performance of the remedy concerned, due to failure of the user to follow the label instructions or to the occurrence of conditions, which could not have been foreseen in terms of the registration. Consult the supplier in the event of any uncertainty.</p>
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PRECAUTIONS**Precautionary statements:**

Wash hands thoroughly after handling. Do not touch eyes.
Wear impervious rubber gloves and boots, protective clothing and chemical safety goggles.
IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Get medical help.

- Avoid contact with skin and eyes.
- Do not eat, drink or smoke while applying, mixing or before washing hands and face or change of clothing.
- Do not contaminate eating utensils, food, feeds, drinking water or any other water sources.
- In case of accidental skin contact, immediately wash thoroughly with soap and water. Contaminated clothing should be removed and washed before being used again.
- Do not use contaminated plants, grass, etc. as compost.
- Excretion of animals grazing in the treated area should not be used as fertilizer.
- Clean spraying equipment directly after use and dispose of wash water where it will not contaminate food, grazing, boreholes, rivers or dams.

- **TRIPLE RINSE THE EMPTY CONTAINER AS FOLLOWS:** Invert the empty container over the spray or mixing tank and drain for at least 30 seconds after the flow has slowed down to dripping. Thereafter rinse the empty container three times in succession with one quarter of the container volume fresh water and decant the rinsate into the spray or mixing tank. Puncture the triple rinsed container and dispose of via an approved collector or recycler www.croplife.co.za. Do not bury, burn, or donate the container to any other parties that may use it as a container for food or beverages.
- Never re-use the empty container for any other purpose.
- Prevent contamination of food, feeds, drinking water and eating utensils.

Relevant hazardous components	
Clopyralid	100 g/ℓ
Calcium dodecyl-benzene sulfonate	< 5 g/ℓ
Mono-ethanol-amine	< 5 g/ℓ

FIRST AID TREATMENT

- **Inhalation:** Immediately remove source of contamination or move victim to fresh air. Avoid mouth-to-mouth resuscitation. Keep person warm and at rest. Treat symptomatically and supportively as and when required. Seek medical advice immediately.
- **Skin contact:** Remove contaminated clothing, shoes and leather goods immediately. Gently wipe off excess chemical. Wash skin gently and thoroughly with non-abrasive soap and large amounts of water until no evidence of chemical remains (approximately 15 to 20 minutes). If irritation persists, seek medical advice immediately.
- **Eye contact:** Immediately flush the contaminated eyes with gently flowing lukewarm water, occasionally lifting upper and lower lids, until no evidence of chemical remains (approximately 15 to 20 minutes). Severe contamination may require medical attention.
- **Ingestion:** Have patient rinse mouth thoroughly with clean water. Do not induce vomiting. **In serious cases, seek medical advice immediately.** Treat respiratory difficulty with artificial respiration and oxygen.

NOTE TO PHYSICIAN

No signs and symptoms of clopyralid poisoning are known or expected in humans. An antidote is neither known. Treat symptomatically when required.

MODE OF ACTION

- *Acacia* plants can be killed by treatment with **LATERAL 100 SL**, however most will be suppressed. Suppressed *Acacias* will be stunted due to cessation in cell division and consequently plant growth. Although some re-growth may occur, plants will display symptoms such as leaf loss, lack of vigour and yellowing and present minimal or no competition to the crop.

USE RESTRICTIONS

General:

To avoid damage to follow up crops, the following waiting periods should be taken into consideration:

	Follow-up crops	Waiting period
Solo application of LATERAL 100 SL	Grass crops	0
Tank mixture with Continua 225 EC	Grass crops (including maize, sorghum, wheat, grains)	3 months
All LATERAL 100 SL applications	Legume crops (e.g. clover, chickpea, faba bean, field pea, lentils, lupins, medics & vetch)	12 months

- Microbial activity and residue breakdown will be optimal in moist soils and warm conditions.
- A minimum of 25 mm rain is required in the post-harvest summer to autumn period where the top 10 cm of the soil remains moist to enable effective breakdown of soil residues.
- When planting susceptible follow-up crops, the following conditions are necessary to avoid carry-over of residues:
 - When planting susceptible summer crops, a minimum of 100 mm rain or irrigation is required before planting.

- When planting susceptible winter crops, a minimum of 150 mm rain or irrigation is required before planting.

RESISTANCE WARNING

LATERAL 100 SL is a group code 4 herbicide. Any weed population may contain individuals naturally resistant to **LATERAL 100 SL** and other group code 4 herbicides. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds may not be controlled by **LATERAL 100 SL** or any other group code 4 herbicide.

To delay herbicide resistance:

- avoid exclusive repeated use of herbicides from the same herbicide group code. Alternate or tank mix with products from different herbicide group codes,
- integrate other control methods (chemical, cultural, biological) into weed control programmes.

For specific information on resistance management contact the registration holder of this product.

USE RESTRICTIONS

IN ORDER TO PREVENT IMMEDIATE OR FUTURE INJURY TO PLANTS OR CROPS IN NEARBY AREAS, IT IS IMPERATIVE TO APPLY THE PRODUCT STRICTLY IN ACCORDANCE WITH THE USE RESTRICTIONS AND APPLICATION DIRECTIONS LISTED BELOW:

- Only use product according to label recommendations.
- Do not contaminate water intended for irrigation or domestic purposes. To avoid injury to crops or other non-target plants, do not spray directly over, or allow spray drift, or spray run-off to reach banks or bottoms of irrigation ditches, canals, streams, dams, rivers (whether dry or containing water) that may be used for irrigation or domestic purposes or may transport water to an irrigation facility.
- Do not use on flood irrigated land or fields.
- Do not apply to areas that may be planted with any broadleaf crop or ornamental plants.
- Do not use manure from animals grazing treated areas, or grass or sprayed plants as compost for growing broadleaf crops, ornamentals, orchards or other susceptible crops. Manure may contain enough herbicide to cause injury to susceptible plants.
- Do not transfer livestock from treated grazing areas onto sensitive broadleaf crop areas without first allowing seven (7) days of grazing on an untreated grass pasture. Otherwise, urine and manure may contain enough herbicide to cause injury to sensitive broadleaf plants.
- Do not move treated soil to areas other than sites for which **LATERAL 100 SL** is registered for use.
- Do not apply to land close to desirable broadleaved plants, or land onto which such plants are to be grown or grain varieties in a susceptible stage of growth. However, **LATERAL 100 SL** may be applied in the vicinity of desirable broadleaved plants, or soil or land onto which such plants are to be grown, or grain varieties in a susceptible stage of growth, provided that sufficient precautionary measures are taken to avoid any type of contamination of such an area.

GENERAL INFORMATION

- It takes considerable time for target plants to die off completely (certain woody species may take several months to die-off completely). Depending on conditions and type of target species, some plants may re-grow which will require follow-up treatments.

DIRECTIONS FOR USE: Use only as directed.

Compatibility:

LATERAL 100 SL is compatible with **Continua 225 EC/Sucesion 225, Velocity® DryMax, DESTINAIRE®** (L 10598), **Villa 51** and **INTERLOCK®** (L 10254 / N-AR 1856 / W 130875).

The compatibility of **LATERAL 100 SL** with chemicals other than those recommended, is not known and their usage together with **LATERAL 100 SL** should be avoided.

Mixing instructions:

- Half fill the spray tank with clean water.
- Add the components of the spray mixture (if any) in the following order while maintaining continuous agitation: Inductors, products contained in water soluble bags, water-soluble additives (including dry and liquid fertilizers), water dispersible products (including wettable powders and suspension concentrates), water-soluble products, emulsifiable concentrates and water-soluble additives.
- Make sure each component is thoroughly mixed and suspended before adding the next tank mix partner.
- Lastly, add the remaining quantity of water.

APPLICATION**Foliar Application****1. FORESTRY**

- **LATERAL 100 SL** should be used on actively growing *Acacia* trees with full leaf cover.
- Apply over Eucalyptus and pine trees as an even cover spray on the leaves and stems of the *Acacia* trees.
- Do not use **LATERAL 100 SL** on *Acacia* trees exceeding 0.5 m in height.
- Do not commence spraying if rain is predicted within three hours of application or if leaves are wet from rain or dew.
- Avoid spray drift onto non-target plants. **LATERAL 100 SL** will not harm grasses when applied at registered rates.
- Use a knapsack sprayer or tractor sprayer with flat fan nozzles to ensure even coverage of target plants. A constant pressure of 250 to 300 kPa should be maintained.

2. CANOLA

- Use a tractor with boom and nozzles in sufficient water (150 to 250 litres per hectare) to ensure thorough coverage of susceptible broadleaf weeds.
- Do not commence spraying if rain is likely within three hours of application or if leaves are wet from rain or dew.
- Avoid spray drift onto non-target plants. **LATERAL 100 SL** will not harm grasses when applied at registered rates.

APPLICATION RATES

<i>Crop / Weed</i>	<i>Rate per hectare</i>	<i>Remarks</i>
<u>Eucalyptus and pines</u> <i>Acacia mearnsii</i> (Black wattle)	3.0 ℓ LATERAL 100 SL	Apply 3.0 litres LATERAL 100 SL in 300 litres spray mixture per hectare for <i>Acacias</i> that are under 30 cm in height. Apply 3.0 litres LATERAL 100 SL in 400 litres spray mixture per hectare for <i>Acacias</i> 31 to 50 cm in height.
WEED SPECIES NORMALLY CONTROLLED POST-EMERGENCE BY LATERAL 100 SL IN FORESTRY AND OTHER NON-CROP AREAS		
Botanical name		Common name
<i>Bidens pilosa</i>		Black jack
<i>Cirsium vulgare</i>		Scotch thistle
<i>Conyza albida</i>		Tall fleabane
<i>Tagetes minuta</i>		Tall khaki weed
<i>Taraxacum officinale</i>		Common dandelion

NOTE: Weeds listed will only be controlled before 6-leaf stage / rosette stage for *C. albida*, before bolting has occurred.

Crop	Rate per hectare	Remarks
Canola (Refer to species list below)	1.5 ℓ LATERAL 100 SL PLUS 0.1 % Villa 51	Apply post-emergence of both weeds and crop when canola is at 3 to 6 leaf stage and weeds are at a 2 to 4 leaf stage.
	1.5 ℓ LATERAL 100 SL PLUS 0.8 ℓ Continua 225 EC PLUS 1.0 % Velocity® DryMax PLUS 1.0 ℓ Destinaire®	

WARNING

Tank mixtures with **Continua 225 EC** may result in minor phytotoxicity symptoms on the crop in the form of stunting, volume reduction or scorching of the leaves (< 10 %). Do not apply on crop plants that are stressed.

WEED SPECIES NORMALLY CONTROLLED POST-EMERGENCE IN CANOLA: SOLO LATERAL 100 SL APPLICATION	
Botanical name	Common name
<i>Arctotheca calendula</i>	Cape weed
<i>Medicago spp.</i>	Clovers
<i>Pentzia grandiflora</i>	Karoo bush
ADDITIONAL WEEDS CONTROLLED IN TANK MIXTURE WITH CONTINUA 225 EC	
<i>Bromus diandrus</i> *	Ripgut brome
<i>Erodium moschatum</i>	Musk heron's bill
<i>Lolium spp.</i>	Rye grass

* **Suppression only**

The following products mentioned in this label may be replaced with equivalent products listed below:

- **CONTINUA 225 EC (L 10421) = SUCCESSION 225 EC (L 10414),**
- **VELOCITY® DRYMAX (L 9454 / N-AR 1528 / W 130995) = AMS-GRANULE (L 9610) and**
- **VILLA 51 (L 8050 / N-AR 1090 / W 130454) = WEN 51 (L 8315).**

VELOCITY® DRYMAX, AMS-GRANULE, SUCCESSION 225 EC VILLA 51 and WEN 51 are registered products of
UNIVERSAL CROP PROTECTION (PTY) LTD

CONTINUA 225 EC is a registered product of
VILLA CROP PROTECTION (PTY) LTD.

VELOCITY® DRYMAX is a registered trademark of
VILLA CROP PROTECTION (PTY) LTD.

INTERLOCK® and DESTINAIRE® are registered trademarks of
WINFIELD SOLUTIONS REGISTRATION HOLDINGS (PTY) LTD.