

BEFORE USING THIS PRODUCT READ THE LABEL CAREFULLY!

Herbicide



2,4-DB 400 SL

Reg. No. L 10859 Act/Wet No. 36 of/van 1947

1: 8/7/2020 – July 2020

An aqueous concentrate post-emergence herbicide for the selective control of certain broadleaf weeds in lucerne, in pastures of annual medics, clover or grasses and in under sown lucerne in grain crops.

'n Waterbasis konsentraat na-opkoms onkruidodder vir die selektiewe beheer van sekere breëblaaronkruid in lusern, eenjarige medicago-, gras- en klawerweidings asook ondergesaaiide lusern in graangewasse.

ACTIVE INGREDIENT / AKTIEWE BESTANDDEEL

2,4-DB phenoxy compound (sodium salt) 400 g/l 2,4-DB fenoksieverbinding (natriumsout)

HRAC HERBICIDE GROUP CODE 4 HRAC ONKRUIDDODER GROEPKODE



Registration holder / Registrasiehouer:

Villa Crop Protection (Pty) Ltd.

Co. Reg. No. / Mpy. Reg. Nr. 1992/002474/07

PO Box / Posbus 10413, Aston Manor, 1630

Tel: 011 396 2233

Website / Webblad: www.villacrop.co.za

24 HR EMERGENCY NUMBERS:

Griffon Poison Information Centre: +27 82 446 8946

Villa Crop Protection Emergency number: +27 63 698 0668

24 Hr Transport / Spill emergency no: Envirosure +27 31 205 4918

(Hazcall24) +27 86 044 4411

(Client: Villa Crop Protection)

UN Number: 3082



Willow Set & Print 011 394-4486



HARMFUL
SKADELIK



GEBRUIKSAANWYSINGS INGESLUIT

VERWYS NA BESONDERHEDE
GEDRUK OP HOUER/SAK

Date formulated:
Formuleringsdatum:

DIRECTIONS FOR USE ENCLOSED
REFER TO DETAILS PRINTED
ON CONTAINER/BAG
Lotnummer:

2,4-DB 400 SL

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VILLA CROP PROTECTION (PTY) LTD.

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PO Box / Posbus 10413,

ASTON MANOR, 1630, Tel. (011) 396 2233

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HARMFUL**SKADELIK****WARNINGS**

- **Withholding period: Allow 30 days between last application and grazing of Lucerne.**
- Handle with care.
- Harmful if swallowed.
- Causes serious eye damage and skin irritation.
- Toxic to aquatic life with long lasting effects.
- Store in a cool place, away from food, feeds, and other agricultural remedies.
- Keep out of reach of children, uninformed persons and animals.

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 event of any uncertainty.

PRECAUTIONS

- Do not breathe spray mist.
- Do not handle until all safety precautions have been read and understood; may damage fertility or the unborn child.
- Wash contaminated clothing daily. Wash with soap and water after use.
- Do not eat, drink or smoke whilst applying, mixing, before washing hands and face and changing clothes.
- Prevent contamination of food, feeds, drinking water and eating utensils.
- Prevent spray drift onto other crops, grazing, rivers, dams and other areas not under treatment.
- Clean applicator with a house-hold ammonia solution (1 %) before using with other materials. Let solution stand for several hours, preferably over-night. Rinse at least twice. This applicator should not be used for applying chemicals other than herbicides.
- Dispose of wash water where it will not contaminate food, grazing, 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 (3) 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.
- Destroy the empty container by perforation and flattening and dispose of it in a safe way.
- **Never** re-use the empty container for any other purpose.
- Prevent contamination of food, feeds, drinking water and eating utensils.

SYMPTOMS OF HUMAN POISONING

Corrosive and severe eye irritant with permanent eye injury possible including blindness. Harmful if swallowed. Repeated exposure to phenoxy herbicides may cause liver, kidney, gastrointestinal, and muscular effects.

FIRST AID TREATMENT

- **Inhalation:** Remove source of contamination or move person to fresh air as rapidly as possible. Keep affected person calm and reassured. Treat symptomatically and supportively. Only qualified personnel should perform administration of oxygen. Get medical attention immediately if condition persists.
- **Skin contact:** If irritation occurs, remove contaminated clothing, shoes and leather goods (e.g. watchbands and belts). Gently wipe off excess chemical. Wash skin gently and thoroughly with water and non-abrasive soap. Do not rub the skin. If irritation persists, seek medical advice.
- **Eye contact:** Flush eyes with clean water for at least 15 minutes. Lift eyelids to facilitate irrigation. Take care not to rinse contaminated water into the unaffected eye or onto the face. If present, remove contact lenses after 5 minutes and continue rinsing. **Seek medical attention immediately.**
- **Ingestion:** **Seek medical advice immediately. Only induce vomiting if advised to by medical personnel.** Do not give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN

This product contains a phenoxy herbicide. There is no antidote available. Treat symptomatically and supportively. Gastric lavage with activated charcoal is advised. Follow up with 0.9 % saline cathartic. Avoid oily laxatives.

USE RESTRICTIONS

- **Do not apply 2,4-DB 400 SL on groundnuts.**
- To prevent damage, do not permit drift, vapour or spray mist to come into contact with sensitive broadleaf crops, fruit or ornamentals as well as grain varieties in a susceptible growth stage.
- Apply the product strictly in accordance with the application directions. May be applied by tractor mounted and knapsack sprayers on lands in the vicinity of susceptible crops, provided that strict precautions are taken to avoid spray drift. Consult the supplier in case of any uncertainty in this regard.
- Application during dry soil conditions is not recommended.

DIRECTIONS FOR USE: Use only as directed.**Compatibility:**

- Do not mix **2,4-DB 400 SL** with wetting agents or other herbicides.
- **2,4-DB 400 SL** is compatible with **Velocity®-Drymax**.

Ground application:

- Apply by means of a calibrated tractor-mounted boom sprayer or knapsack sprayer, in good working order, equipped with flat fan nozzles, which delivers at least 200 litres spray mixture per hectare.
- Spray when the crop and weeds are growing vigorously and at the stage recommended.
- Avoid fine droplet size - use low pressure flat fan nozzles of 80° or 110° or equivalent anti-drift type, and do not exceed spray pressure of 200 kPa.
- Do not exceed spray height of 50 to 75 cm above target and ground speed of 10 km per hour. Adjust the height of the spray boom above the crop, to ensure good even coverage of all weeds.
- Do not apply if wind velocity exceeds 15 km per hour.

APPLICATION INSTRUCTIONS

Note: It is recommended to add 1.0 % Velocity® DryMax (1 kg / 100 ℓ water) to all spray mixtures to enhance water quality and weed control efficacy.

<i>Crop / Soil Type</i>	<i>Dosage rate per hectare</i>	<i>Remarks</i>
Clover and Grass	4 ℓ	Apply from the first trifoliate leaf stage of the clovers and onwards.
Lucerne	4 ℓ	Apply from the first trifoliate leaf stage of the Lucerne. Do not apply later than the 4 th trifoliate development stage of the Lucerne. Established Lucerne may be treated after being cut.
Under sown Lucerne In Grain Crops	4 ℓ	See remarks under lucerne above. Apply when wheat is between 5-leaf stage and fully tillered stage.
Annual Medics And Clover Pastures ("Spray-Graze")	1.5 ℓ	Apply from the 5-8 trifoliate leaf stage of the clovers and onwards.

Grazing

Heavily stock the camp with sheep for fast grazing of the weeds 1 to 2 weeks after this application. Complete the grazing process within ten (10) days to prevent excessive trampling damage to the clovers. The "spray graze" process must be completed by end July to allow sufficient time for the establishment of a good clover stand for seed harvesting.

NOTE

The purpose of this treatments is not to "eradicate" the weeds but to make them more palatable for sheep after spraying.

WEEDS CONTROLLED

**Spray when weeds are in the 2 to 5 leaf stage and actively growing.
The following weeds are controlled at a 4 ℓ per hectare dosage rate**

<i>Amaranthus hybridus</i>	Common pigweed
<i>Archtotheca calendula*</i>	Cape Marigold
<i>Bidens pilosa</i>	Common blackjack
<i>Chenopodium album*</i>	White goosefoot
<i>Chenopodium carinatum*</i>	Green goosefoot
<i>Citrullus lanatus</i>	White watermelon
<i>Cleome monophylla</i>	Spindlepod
<i>Datura Stramonium</i>	Thorn apple
<i>Emex australis*</i>	Spiny emex
<i>Hibiscus trionum</i>	Bladderweed
<i>Plantago lanceolata</i>	Narrow-leaved ribwort
<i>Raphanus raphanistrum*</i>	Wild Radish
<i>Schkuhria pinnata</i>	Dwarf marigold
<i>Tagetes minuta</i>	Khaki weed
<i>Tribulus terrestris</i>	"Dubbeltjie"

* Broadleaf weeds reacting favourably to "Spray Graze" treatments (refer above).

The following weeds are controlled variably and may require additional measures such as hand weeding, mechanical cultivation, or additional chemical treatments.	
<i>Datura ferox</i>	Large thorn apple
<i>Portulaca oleracea</i>	Purslane
<i>Tribulus terrestris</i>	Dubbeltjie

NOTES ON WEEDS CONTROLLED

- **2,4-DB 400 SL** controls the above-mentioned annual weed species alone, or in tank mixes with other products as indicated.
- Other annual weed species that were absent during the product's development trials, may possibly also be controlled to a certain degree. The registration holder does not accept any responsibility for unlisted weeds.
- Weeds which have not germinated at the time of application will not be controlled. A second application of **2,4-DB 400 SL** may be required to control such weeds.

Consult all products labels mentioned in this label for **WARNINGS, PRECAUTIONS, USE RESTRICTIONS** and **DIRECTIONS FOR USE**.

The following product mentioned in this label may be replaced with an equivalent product:

- **VELOCITY®-DRYMAX** (L 9454 / W 130995 / N-AR 1528) = **AMS-GRANULE** (L 9610).

VELOCITY®-DRYMAX is a registered trademark of / is 'n geregistreerde handelsmerk van **Villa Crop Protection (Pty) Ltd.**

AMS-GRANULE is a registered product of / is 'n geregistreerde produK van **Villa Crop Protection (Pty) Ltd.**