



Avi-D-Weed SL

Reg. No. L224 Act No. 36 of 1947

GROUP

O

HERBICIDE

A selective, soluble concentrate herbicide for the control of many weeds in sugarcane, maize, cereals, sorghum, potatoes, and grass pastures.

‘n Selektiewe, oplosbare konsentraat onkruidodder vir die beheer van verskeie onkruid in suikerriet, mielies, grane, sorghum, aartappels, en grasweidings.

Active ingredient / Aktiewe bestanddeel:

MCPA (Potassium salt) / MCPA (Kaliumsout) ... 400 g/ℓ



Registered by / Geregistreer deur:

AVIMA (Pty.) Ltd.

Reg. No. 1961/001744/07

18 Aschenberg Street | Chamdor | Krugersdorp

+27 11 769 1300

Griffon Poison Information Centre: +27 82 446 8946

BATCH NO.:

LOT NR.:

DATE OF MANUFACTURE:

VERVAARDIGINGSDATUM:

EXPIRY DATE:

VERVALDATUM:

UN NO.:

VN NR.: 3000

Content
Inhoud

ℓ



IMPORTANT / BELANGRIK:
Read label before use /
Lees etiket voor gebruik



**HARMFUL
SKADELIK**



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Co. Reg. No.: 1961/001744/07

P O Box 3131, Kenmare, 1745

Tel: +27 11 769 1300

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WARNINGS:

- Allow 7 days between last application and grazing of treated areas.
- Handle with care.
- Poisonous when absorbed through skin or swallowed or inhaled.
- Toxic to fish, bees, and wildlife.
- Store under lock and key in a cool place.
- Store away from food, feeds, seed, and other agricultural chemicals.
- Keep out of reach of children, uninformed persons, and animals.
- Avoid spray-drift onto susceptible crops e.g. all broadleaf crops as well as grain varieties in a susceptible stage of growth.
- Do not apply to land adjacent to susceptible crops.
- May be applied by tractor or hand sprayers on land in the vicinity of susceptible crops, provided that adequate precautionary measures are taken to avoid spray-drift.

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. The action and effect thereof may be affected by factors such as abnormal storage conditions; quality of water used for dilution, compatibility with other substances not mentioned on this label, the occurrence of pest resistant to the remedy, as well as the method, time and accuracy of the application. The registration holder furthermore does not accept responsibility for damage to crops, vegetation and the environment, or harm to man or animal or for the lack of performance of the remedy due to the failure of the user to follow 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.

PRECAUTIONS:

- Do not breathe fumes or spray-mist.
- 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 or change of clothing.

- Clean applicator with a household ammonia solution (1 %) before using with other material. Let solution stand for several hours, preferably overnight. 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 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.
- Prevent contamination of food, feeds, drinking water, and eating utensils.

USE RESTRICTIONS:

To prevent damage, do not permit drift, vapour, or spray mist to come into contact with sensitive broadleaf crops, fruit or ornamentals. Apply the product strictly in accordance with the application directions.

THE WIND SPEED AND DIRECTION AT THE TIME OF APPLICATION WILL DETERMINE THE DISTANCE WHICH MUST SEPARATE THE CLOSEST EDGE OF THE AREA TO BE SPRAYED FROM SUSCEPTIBLE CROPS.	
WIND SPEED km/h	GROUND APPLICATION
1.5 – 5	200 m downwind 200 m crosswind 6 m upwind
5 – 10	400 m downwind 200 m crosswind 1.5 m upwind
10 – 15	800 m downwind 800 m crosswind 1.5 m upwind
Above 15	Prohibited

Ground application:

Avoid fine droplet size – use low pressure flat fan nozzles of 80° or equivalent anti-drift type, and do not exceed spray pressure of 200 kPa. Spray volume must exceed 150 l/ha. Do not exceed spray height of 50 cm above target and ground speed of 10 km/h. Do not apply if wind velocity exceeds 15 km/h (as measured by handheld wind recorder approved by the Registrar: Act 36 of 1947).

The difference between the wet and dry bulb readings on a whirling hygrometer must not exceed 8 °C.

RESISTANCE WARNING:

For resistance management purposes **AVI-D-WEED SL** is classified as a Group Code O herbicide. Any weed population may contain individuals naturally resistant **AVI-D-WEED SL** and other Group Code O herbicides. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly.

AVI-D-WEED SL or any other Group O herbicides may not control these resistant weeds. 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 AVIMA (Pty) Ltd.

DIRECTIONS FOR USE: Use only as indicated.

Compatibility: **AVI-D-WEED SL** is compatible with Diuron and Atrazine.

Pre-emergence application: Apply to seedbed free or emerged weeds, five to six days after the crop has been planted in soil moist enough to give good germination of crop and weed seeds. For the satisfactory control of germinating grasses, the weed killer must be applied before the grass seedlings emerge. A period of 3 – 6 weeks control is generally obtained.

Post-emergence application: Spraying should only be carried out when the crop is in a suitable stage of development as indicated. Weeds vary in their susceptibility. For best results weeds should be sprayed in the very young stages and when soil is moist. Under the above conditions, rainfall a day after application will not reduce the effectiveness of the weed killer.

Mixing & application: Mix required amount of MCPA with water and apply evenly. The exact amount of water to be used will depend on the spray apparatus but should be within the limited 150 – 400 l/ha.

Directions for application:

CROP	DOSAGE l/ha	REMARKS
MAIZE (Pre-emergence) Clay content: Up to 10 % 10 – 20 % 20 - 35 % Above 35 %	3,25 l/ha 4,00 l/ha 5,25 l/ha 6,50 l/ha	Apply 5 – 6 days after planting when land is sufficiently moist, in good tilth and before grass or weed emerge. Rainfall before crop emergence and especially on light sandy soils may leach the weed killer to the seed level and cause crop damage.
MAIZE (Post-emergence) At height of 45 cm	2,50 l/ha	Grasses which have already emerged will not be controlled. N.B. Drop arms must be used. Maize may become malformed and brittle after application, but this is usually of a temporary nature.
SORGHUM (Post-emergence)	2,50 l/ha	Apply when plants are 15 cm high or about 3 weeks after emergence of the crop. Spray may be applied later provided directional spraying, using drop arms, is practised.
WHEAT (Post-emergence only)	2,00 – 4,00 l/ha	Apply between growth stages 7 and 13, but preferable as near to stage 8 as possible (according to the list of growth stages of the Centre for Small Grain, Bethlehem), and not according to number of leaves. Consult the representative of the firm.
OATS (Post-emergence)	1,00 l/ha	Do not exceed 1,50 l/ha.
BARLEY & RYE (Post-emergence only)	2,00 – 4,00 l/ha	Apply when crop is in the 5 to 7 leaf stage.
POTATOES (Pre-emergence only) Clay content: Up to 20 % 20 – 35 % Above 35 %	3,25 l/ha 4,00 l/ha 5,25 l/ha	If crop was dry- planted, harrow immediately after first rain and apply.
ESTABLISHED GRASS PASTURES & LAWNS	4,00 – 5,25 l/ha (5 mℓ/10 m ²)	Apply once the grass has become established. For lawns, repeat application may be necessary. Applications of nitrogenous fertilizer 2 – 3 weeks before spraying is recommended.
SUGARCANE	6,25 – 8,75 l/ha 6,25 – 8,75 l/ha	a) Pre-emergence application to weeds (Plant and ratoon cane). In 300 – 400 ℓ of water as overall spray within a few days after planting or harvesting and before emergence of the weeds. b) Post-emergence application to weeds in emerged cane (Plant and ratoon cane). In 300 – 400 ℓ of water at early stages of weeds growth. The treatment can cause damage and the danger of this occurring will be minimized if the spray is directed so as to avoid as far as possible wetting the cane leaves. If the cane exceeds a height of 40 cm or has unfurled more than 5 leaves per shoot, directed spraying must be carried out or else the growth may be retarded.

GUIDE TO WEEDS CONTROLLED:

Pigweed	<i>Amaranthus deflexus</i>
Karoo daisy (in early rosette stage)	<i>Arctotis leiocarpa</i>
Prostate knotweed	<i>Polygonum aviculare</i>
Tall khaki weed	<i>Tagetes minuta</i>
Common blackjack	<i>Bidens pilosa</i>
White goosefoot	<i>Chenopodium album</i>
Wandering jew	<i>Commelina benghalensis</i>
Common thorn apple	<i>Datura stramonium</i>
Small-flowered quick weed	<i>Galinsoga parviflora</i>
Witch weed	<i>Striga asiatica</i>
Sweet signal grass	<i>Brachiaria eruciformis</i>
Goosegrass	<i>Eleusine indica</i>
Common wild Sorghum	<i>Sorghum verticilliflorum</i>
Burr bristle grass	<i>Setaria verticillata</i>
Cosmos	<i>Cosmos bipinnatus</i>
Billy-goat weed	<i>Ageratum conyzoides</i>