



# Avi-Amine 720

Reg. No. L1087 Act No. 36 of 1947

**GROUP 0 HERBICIDE**

A water miscible concentrate selective weedkiller for the control of many annual broadleaf weeds and germinating grasses in maize, sorghum, wheat, barley, rye, potatoes, grass pastures, lawns, sugarcane, and reduction of navel ends.

n Watermengbare konsentraat selektiewe onkruidodder vir die beheer van die meeste eenjarige breëblaaronkruide en kiemende grasse in mielies, sorghum, koring, gars, rog, aartappels, grasweidings, grasperke, suikerriet, en verkleining van nawelente.

**Active ingredient / Aktiewe bestanddeel:**

2,4-D (Phenoxy compound) / 2,4-D (Fenoksieverbinding) ... 720 g/ℓ  
(as the Dimethylamine salt) / (as die Dimetielamiensout)



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.: 3082

Content  
Inhoud



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



**HARMFUL  
SKADELIK**



# Avi-Amine 720

Reg. No. L1087 Act No. 36 of 1947

A water miscible concentrate selective weedkiller for the control of many annual broadleaf weeds and germinating grasses in maize, sorghum, wheat, barley, rye, potatoes, grass pastures, lawns, sugarcane, and reduction of navel ends.

'n Watermengbare konsentraat selektiewe onkruidodder vir die beheer van die meeste eenjarige breëblaaronkruid en kiemende grasse in mielies, sorghum, koring, gars, rog, aartappels, grasweidings, grasperke, suikerriet, en verkleining van nawelente.

GROUP O HERBICIDE

## ACTIVE INGREDIENT / AKTIEWE BESTANDDEEL:

2,4-D (Phenoxy compound) / 2,4-D (Fenoksieverbinding) ..... 720 g/l  
(as the Dimethylamine salt) / (as die Dimetielamiensout)

Registered by: **AVIMA** (Pty) Ltd  
Co. Reg. No.: 1961/001744/07

P O Box 3131, Kenmare, 1745

Tel: +27 11 769 1300

**Griffon Poison Information Centre: +27 82 446 8946**



## WARNINGS:

- Allow 1 week between last application and harvesting or grazing.
- Handle with care.
- Poisonous when absorbed through skin, swallowed, or inhaled.
- Toxic to fish, bees, and wildlife.
- Store under lock and key in a cool place.
- Store away from food and feedstuffs.
- Keep out of reach of children, uninformed persons, and animals.
- **Aerial application: Notify all inhabitants in the immediate vicinity of the area to be sprayed and issue the necessary warnings. Do not spray over or allow drift to contaminate water or adjacent areas.**
- Aerial application may only be done by a registered Aerial Application Operator using a correctly calibrated, registered aircraft according to the instructions of SANS Code 10118 (Aerial Application of Agricultural Pesticides). Ensure that the spray mixture is distributed evenly over the target area and that the loss of spray material during application is restricted to a minimum.

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 inhale spray mist.
- Wash contaminated clothing daily.
- Wash with soap and water after accidental skin contact.

- Do not eat, drink, or smoke whilst mixing or applying or before washing hands and face and change of clothing.
- Avoid drift of spray onto susceptible or edible crops, grazing, rivers, dams, or any areas not under treatment.
- Clean applicator before using with other remedies.
- Dispose of wash water where it will not contaminate crops, grazing, river, and 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](http://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:

- **Hazardous to use in the vicinity of susceptible crops – e.g. all broadleaf crops as well as grain varieties in a susceptible stage of growth.**
- **Not to be applied under any circumstances in the vicinity of susceptible crops.**
- **Air and tractor application under warm and/or windy conditions is hazardous. Injury to susceptible crops further afield can occur.**
- To prevent damage, do not permit drift, vapour, or spray mist to come into contact with sensitive broadleaf crops, fruit trees or ornamentals.
- Apply the product strictly in accordance with the application directions.
- **Do not apply this product by air in KwaZulu-Natal.**

## RESISTANCE WARNING:

For resistance management purposes **AVI-AMINE 720** is classified as a Group Code O herbicide. Any weed population may contain individuals naturally resistant **AVI-AMINE 720** and other Group Code O herbicides. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly.

**AVI-AMINE 720** 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:** 2,4-D Amine is compatible with MCPA.

**Pre-emergence application:** Apply to seedbed free of emerged weeds 5 – 6 days after the crop has been planted in soil with enough moisture to give good germination of the crop and weed seeds. For satisfactory control of germinating annual grasses, the weed-killer must be applied before the grass seedlings emerged. 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 the soil is moist. Rainfall a day after application will not reduce the effectiveness of the weed-killer.

**Mixing & application:** Mix required amount of material with water and apply evenly as a fine spray. The exact amount of water to be used will depend on the spray apparatus but should be within the limits 100 – 400 l/ha. Always calibrate the spray apparatus before use to ascertain exact quantities of fluid delivery per area.

**Aerial application:** May be applied by and aircraft provided suitable equipment is used and weather conditions are favourable. Incorrect application will give disappointing results. A reliable Aerial Spray

Operator should be consulted if this method of application is selected.

| CROP   | APPLICATION RATE<br>ℓ/ha or /100 ℓ water  | REMARKS  |
|--|---|--|
| <b>CITRUS</b><br>(Pre-emergence)<br>Navels<br>Navel-End Rot<br>(Black Core Rot)<br>( <i>Alternaria alternata</i><br>f.sp. <i>citri</i> ) & reducing<br>the size of navel-end<br>openings | 1.3 mℓ<br>AVI-AMINE 720/<br>100 ℓ water<br>+<br>Tebucure 250 EW at<br>80 mℓ/100 ℓ water | Apply mixture at full bloom in a single application. Apply as a medium cover spray (± 20 ℓ spray mixture/tree depending on tree size).<br><b>Note that due to uneven flowering over an extended period and unpredictable weather conditions the disease control standard for export quality may not be met.</b>  |
| <b>MAIZE</b><br>(Pre-emergence)<br>Soils with clay content:<br>Up to 10 %<br>10 % - 20 %<br>20 % - 35 %<br>Above 35 %<br>(Post-emergence)<br>At height of 45 cm                          | 1,75 ℓ/ha<br>2,25 ℓ/ha<br>3,00 ℓ/ha<br>3,50 ℓ/ha<br><br>1,25 ℓ/ha                       | Apply 5 – 6 days after planting when land is sufficiently moist, in good tilth and before grass or weed emergence. Heavy rainfall, before crop emergence and especially on light sandy soils, may leach the weedkiller to the seed level and cause damage.<br><br>Grasses which have already emerged will not be controlled.<br><b>N.B.</b> CROP ARMS must be used. Maize may become malformed and brittle after application, but this is usually of a temporary nature.   |
| <b>SORGHUM</b><br>(Post-emergence only)  | 1,25 ℓ/ha   | Apply when the crop has reached a height of 15 – 25 cm (about 3 weeks after germination). If application is to be made at a later stage, drop-arms are to be used.   |
| <b>BARLEY &amp; RYE</b><br>(Post-emergence only)   | 1 – 1,75 ℓ/ha   | Apply when the crop has reached the 5 leaf stage (5 leaves on the main haulm with the 6 <sup>th</sup> leaf already visible).   |
| <b>WHEAT</b><br>(Post-emergence only)  | 1 – 1,75 ℓ/ha   | Apply between growth stages 7 (*) and 13 (**) (according to the list of growth stages of the Centre of Small Grain, Bethlehem).<br>Consult the representative of the firm.   |
| <b>POTATOES</b><br>(Pre-emergence only)<br>Soils with clay content:<br>Up to 20 %<br>20 % - 35 %<br>Above 35 %   | 1,75 ℓ/ha<br>2,25 ℓ/ha<br>3,00 ℓ/ha   | If the crop was dry planted, harrow immediately after first rain and apply.  |
| <b>ESTABLISHED GRASS, PASTURES &amp; LAWNS</b>   | 2,25 – 3,00 ℓ/ha  | Apply once the grass has become established. For lawns, repeat application may be necessary. Application of nitrogenous fertilizer 2 – 3 weeks before spraying is recommended.   |
| <b>SUGARCANE</b>   | 3,5 – 4,75 ℓ/ha<br><br>3,5 – 4,75 ℓ/ha  | a) <b>Pre-emergence on plant and ratoon cane:</b> In 300 – 400 ℓ of water as overall spray within a few days after planting or harvesting and before emergence of the weeds.<br>b) <b>Post emergence application:</b> In 300 – 400 ℓ water at early stages of weed growth. The treatment can cause cane damage and the danger of this occurring will be minimised if the spray is directed 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/shoot, directed spray must be carried out or else the growth may be retarded. |

**GUIDE TO WEEDS CONTROLLED:**

- Pigweed ..... *Amaranthus deflexus*
- Free State daisy ..... *Arctotis leiocarpa*
- Common blackjack ..... *Bidens pilosa*
- Sweet signal grass ..... *Brachiaria eruciformis*
- Goosefoot ..... *Chenopodium bonteii*
- Wandering jew ..... *Commelina benghalensis*
- Thorn apple ..... *Datura stramonium*
- Goosegrass african ..... *Eulisia indica africana*
- Quickweed ..... *Galinsoga parviflora*
- Prostrate knotweed ..... *Polygonum aviculare*
- Burr brittle grass ..... *Setaria verticillata*
- Johnsongrass ..... *Sorghum halepense*
- Witchweed ..... *Striga asiatica*
- Khakiweed ..... *Tagetes minuta*
- Common dubbeltjie ..... *Tribulus terrestris*
- Common vetch ..... *Vicia sativa*
- Cockle bur spiny ..... *Xanthium spinosum*

**TebuCure 250 EW** (Reg. No. L7992 Act 36 of 1947 registered by ICA (Pty.) Ltd.) CAUTION, Tebuconazole 0,8mℓ/ℓ

ICA International Chemicals (Pty.) Ltd. | Co. Reg. No. 2001/013319/07 | 21 Planken Str., Plankenbrug Industrial, Stellenbosch, 7600