

READ THE LABEL BEFORE USE. KEEP OUT OF REACH OF CHILDREN AND ANIMALS. SHAKE BOTTLE WELL BEFORE USE.

REFER TO DETAILS AS PRINTED ON CONTAINER / BAG

Herbicide



KROME 400 SC

Reg. No. L 11845 Act No. 36 of 1947

1: 17/06/2025 – June 2025

A suspension concentrate herbicide for use against annual winter grass weeds, in crops as indicated.

ACTIVE INGREDIENT

propyzamide (benzamide)

400 g/l

GROUP

3

HERBICIDE



WARNING

Hazard Statements:

Causes serious eye irritation.

Suspected of causing cancer.

Harmful if inhaled.

Very toxic to aquatic life with long-lasting effects.

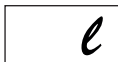
Precautionary Statements:

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

Avoid release into the environment.

Dispose of contents/container to suitable landfill in accordance with local regulations.

DIRECTIONS FOR USE ENCLOSED
Batch Number: _____
Expiry Date: _____
Date of Manufacture: _____



villa 

UN Number: 3082

Registration holder: UNIVERSAL CROP PROTECTION (PTY) LTD.

Co. Reg. No. 1983/008184/07

65 Botes Road, Glen Marais, Kempton Park, 1619

Tel. (011) 396 2233

Website: www.villacrop.co.za

IN CASE OF POISONING / 24 HR EMERGENCY NUMBERS:

Griffon Poison Information Centre (National): +27 82 446 8946

Poison Information Helpline (National): +27 861 555 777

24 Hr Transport / Spill emergency no: (Hazcall24) +27 86 044 4411

(Client: Villa Crop Protection)

KROME 400 SC

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 HRAC HERBICIDE GROUP CODE: 3

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propyzamide (benzamide) 400 g/l

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WARNINGS**Withholding periods:**

Minimum time between the last application and harvest:	
Canola (no grazing)	75 days
Vines	DO NOT apply after bud burst
Pome fruit (including Apples & Pears)	DO NOT apply after bud burst

IMPORTANT

ABOVE-MENTIONED WITHHOLDING PERIODS REFER TO COMPLIANCE WITH LOCAL MAXIMUM RESIDUE LIMITS (MRL'S). HOWEVER, IT IS IMPORTANT TO NOTE THAT IMPORT TOLERANCES OF OTHER COUNTRIES MIGHT POSSIBLY BE EXCEEDED. IF THE TREATED CROP WILL BE EXPORTED, FIRST CONSULT THE RELEVANT IMPORTER OR EXPORTING BODY REGARDING THE USE OF THIS PRODUCT, MRL'S AND RECOMMENDED WITHHOLDING PERIODS.

Hazard statement:

Causes serious eye irritation.
Suspected of causing cancer.
Harmful if inhaled.
Very toxic to aquatic life with long-lasting effects.

- Handle with care.
- **Do not** exceed dosage rate as it may result in crop damage.
- Store in a cool, dry, well-ventilated place in the original container, tightly closed and store away from food, feeds, seed, fertilizers and other agricultural remedies.
- Re-entry: Do not enter treated area until spray deposit has dried, unless wearing protective clothing.

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**Precautionary Statements**

Do not handle until all safety precautions have been read and understood.
Wash hands and face thoroughly after handling.
Avoid release into the environment.
Wear impervious rubber gloves and boots, protective clothing and chemical safety goggles
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If exposed or concerned: Get medical attention.

If eye irritation persists: Get medical advice.
If exposed or concerned: Get medical attention.
Collect spillage.
Store locked up.
Dispose of contents/container to suitable landfill in accordance with local regulations

- Avoid inhalation of the spray mist.
- Wash contaminated clothes after use.
- Do not eat, drink or smoke whilst mixing and applying the product or before washing hands and face and change of clothing.
- Prevent drift on to other crops, grazing, rivers, dams and areas not under treatment or to nearby water sources by using a suitable drift retardant such as **INTERLOCK®** (L 10254 / W 130875 / N-AR 1856).
- Thoroughly 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.
- Prevent contamination of food, feeds, drinking water and eating utensils.

Relevant hazardous components	
Propyzamide	400 g/l
Sodium Benzoate	<10 %

NOTE: The ingredients listed above contribute to the overall GHS classification, the remaining ingredients do not have to be listed according to the South African Regulations for Hazardous Chemical Agents 2021, Regulation 14(b).

In case of poisoning, call the following number: +27 82 446 8946 (Griffon Poison Information Centre) or +27 861 555 777 (Poison Information Helpline).

In case of a chemical spill call the following 24 Hr Transport / Spill emergency number: +27 86 044 4411 (Hazcall24 / Client: Villa Crop Protection).

First Aid Measures:

- Remove the victim from the area of exposure. Wash off remaining material with plenty of water. In the event of any complaints or symptoms, avoid further exposure and if symptoms persist, consult a doctor.
- Skin: Remove contaminated clothing and shoes. Gently wipe off excess chemical. Wash skin gently and thoroughly with water and non-abrasive soap. **Obtain medical attention if irritation occurs.**
- Eyes: Flush eyes with clean water for at least 15 to 20 minutes. Lift eyelids to facilitate irrigation. If present, remove contact lenses after 5 minutes and continue rinsing. Obtain medical attention if irritation persists.
- Inhalation: If vapours or mists have been inhaled, move victim to fresh air and remove source of contamination if safe to do so. The patient should be kept under observation. **Obtain medical attention.**
- Ingestion: **Seek medical attention** or call a poison control centre for treatment advice. Do not induce vomiting unless instructed to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person. If the person is alert, rinse mouth thoroughly with water.
- Advice to physician: There is no specific antidote available. Treat symptomatically and supportively.

RESISTANCE WARNING

KROME 400 SC is a group code 3 herbicide. Any weed population may contain individuals naturally resistant to **KROME 400 SC** and other group code 3 herbicides. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds may not be controlled by **KROME 400 SC** or any other group code 3 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.

Mode of action:

Propyzamide is a selective, systemic herbicide, absorbed by roots, translocated in the apoplastic system. It acts by inhibition of microtubule polymerization, disrupting cell division.

USE RESTRICTIONS

Re-cropping periods* – follow-up crops:

The following waiting periods should lapse between application of KROME 400 SC and the planting of follow-up crops, to prevent damage to the next crop:	
Cereals** – no till planted with a planter	10 months
Cereals** – no till, broadcast sown; till planted with planter and broadcast sown	18 months
Potatoes, onions, beans, brassica and cruciferous crops	6 months
All other crops	12 months

* re-cropping interval = time period between the last application of **KROME 400 SC** and the anticipated date of planting of a follow-up crop.

** Including barley, oats, rye and wheat.

- DO NOT** use on nursery stock or in nurseries.
- Conditions that adversely affects **KROME 400 SC** efficacy:
 - Low or no rainfall
 - High temperatures shortly after application.
 - Uneven and inadequate distribution of **KROME 400 SC**

DIRECTIONS FOR USE: Only use as indicated.

NOTICE TO USER:

Read the entire label before application. This agricultural remedy is to be used only in accordance with the instructions on the label. It is an offence under the Act to use this agricultural remedy for any purpose in a manner contrary with the directions on the label.

Compatibility:

- KROME 400 SC** is compatible with **Levant 100 SL/ Lateral 100 SL, Slash 710 SG/ Glygran 710 SG, Slash Plus 540 SL/ Panga Plus 540 SL** and **SKOFFEL® 200 SUPER** (L 6328 / W 130059 / N-AR 1097) (**Paraquat**).
- Foaminator® Dry** (L 11010 / N-AR 1985) is a highly effective, concentrated anti-foaming agent that can be used in a tank mixture with **KROME 400 SC**
- The compatibility of **KROME 400 SC** may be influenced by several factors. As factors influencing compatibility may vary, a physical compatibility test must always be performed before such tank mixture is sprayed.
- Rain or irrigation (≥15 mm) is crucial within five (5) days after application, for KROME 400 SC to reach optimal efficacy.** The reasoning behind this is that **KROME 400 SC** is a soil-acting herbicide which targets germinating and newly emerged, sensitive grasses. Uptake occurs through the roots and therefore it is necessary for **KROME 400 SC** to leach into the root zone of these weeds.
- Best results are obtained when **KROME 400 SC** is applied to a damp soil surface that is even; relatively fine and firm soil, free of large clods, excessive organic and surface material.
- Avoid applying **KROME 400 SC** during summer as warmer conditions promote degradation and shorter residual effects. During the winter the chemical is broken down slower.

Mixing instructions:

- Half fill the spray tank with clean water; add the required amount of **KROME 400 SC** while maintaining agitation. Complete the filling operation.
- When mixing **KROME 400 SC** with other herbicides (as registered on this label), use the following procedure:
 - Mix the required quantity of **WDG** or **WP** products in a small quantity of water to make a smooth cream and add this to the spray mixture or add the water-soluble bags to the spray mixture.

- b. In the following order add any additional products: **SC** or **SE** formulations, followed by **EC**, **EW** or **ME** formulations. Lastly add product of **SL**, **SG** or **SP** formulation types. Ensure to pre-mix products individually before adding them to the spray mixture.
- Maintain continuous suspension in the spray tank by means of proper agitation.
- Prepared spray mixtures must not be left in the spray tank for any length of time, e.g. overnight.

Post Spray Equipment Cleaning

It is essential to rinse the spray tank and all hoses with a 0.1 % solution of either calcium chloride or ammonium hydroxide or the recommended rate of **Protank® liquid cleaner** according to the product label. Allow this solution to stand in the spray equipment for 15 minutes; empty the spray equipment; repeat the rinsing with a 0.1 % solution of calcium chloride or ammonium hydroxide for 15 minutes; rinse all equipment with water. Nozzles and fitters must be cleaned individually. Rinse water and solution should be drained in a cesspool or drain where it will not contaminate any water source.

APPLICATION

- Make sure that even distribution and optimum ground cover is obtained by using the correct arrangement of flat fan nozzles and making sure the spray equipment is correctly calibrated.

Ground application:

- **KROME 400 SC** can be applied with conventional high-volume spray equipment.

Field crops:

- A broadcast spray volume of 200 to 250 litres per hectare is recommended to ensure that the product reaches the soil surface. (Too low a water volume will result in uneven and/or inadequate distribution of **KROME 400 SC** on the soil surface which will result in poor weed control.)
- Cease application when starting, turning, slowing or stopping spray equipment and avoid overlapping between swaths, as higher spray volumes may cause crop injury.

APPLICATION RATES

1. CANOLA – WINTER RAINFALL AREAS ONLY

1.1 KROME 400 SC applied as solo product for pre- and early post-emergence control of weeds in canola.

NOTES

- **ONLY apply to Canola in the Winter Rainfall Areas during the cooler winter months.**
- Apply only after the Canola has emerged and has formed 2 to 3 true leaves. Applications made earlier than this stage can result in severe crop damage.
- Annual grasses must be sprayed before the 3-leaf stage. Applications made when target grasses are past this 3-leaf stage will not be effectively controlled.
- Planting should occur into moist soil to allow for even germination of the Canola crop. If planting is done into dry soil then sufficient follow-up rain / irrigation is essential to break-up any soil clods as well as to settle the seedbed. This will intern allow for an even crop and grass germination.
- **For effective control a minimum of 15 mm rain/irrigation should occur within five (5) days of application. This is to enable KROME 400 SC to leach into the root zone.**
- If crop is planted with low to no sub-soil moisture coupled with insufficient follow-up rain/irrigation, application of **KROME 400 SC** should be delayed until the following conditions are met:
 - 100 % of the crop has emerged.
 - Canola crop has developed 2 to 3 true leaves.
 - **20 mm of rain is expected within five (5) days of the application.**
- If large soil clods are present, due to inadequate cultivation or rain/irrigation, it could result in inadequate weed control.
- If these guidelines are not adhered to it may result in inadequate control of grass weeds.
- Other factors that might result in inadequate control of weeds are:
 - Annual grasses that germinate from a deeper soil level than **KROME 400 SC** has leached, especially after deep cultivation.
 - In the event that annual grasses have a strong established root system at the time of application.
 - Large soil clods present during time of application.

- Application of **KROME 400 SC** may result in minor phytotoxicity symptoms crop in the form of stunting, volume reduction or scorching of the leaves (< 10 %), however these symptoms will not affect yield. Do not apply on crop plants that are stressed.

KROME 400 SC 1.9 l/ha	
Weeds controlled	
<i>Lolium</i> spp.	Rye grass
<i>Triticum aestivum</i>	Volunteer wheat

1.2 **KROME 400 SC** in a tank mixture with **Levant 100 SL** for post-emergence control of weeds in canola.

NOTES

- **ONLY** apply to Canola in the Winter Rainfall Areas during the cooler winter months.
- Apply only after the Canola has emerged and has formed 2 to 3 true leaves. Applications made earlier than this stage can result in severe crop damage.
- Annual grasses must be sprayed before the 3-leaf stage. Applications made when target grasses are past this 3-leaf stage will not be effectively controlled.
- Planting should occur into moist soil to allow for even germination of the Canola crop. If planting is done into dry soil then sufficient follow-up rain / irrigation is essential to break-up any soil clods as well as to settle the seedbed. This will intern allow for an even crop and grass germination.
- For effective control a minimum of 15 mm rain/irrigation should occur within five (5) days of application. This is to enable **KROME 400 SC** to leach into the root zone.
- If crop is planted with low to no sub-soil moisture coupled with insufficient follow-up rain/irrigation, application of **KROME 400 SC** should be delayed until the following conditions are met:
 - 100 % of the crop has emerged.
 - Canola crop has developed 2 to 3 true leaves
 - 20 mm of rain is expected within five (5) days of the application
- If large soil clods are present, due to inadequate cultivation or rain/irrigation, it could result in inadequate control.
- If these guidelines are not adhered to it may result in inadequate control of grass weeds.
- Other factors that might result in inadequate control of weeds are:
 - Annual grasses that germinate from a deeper soil level than **KROME 400 SC** has leached, especially after deep cultivation.
 - In the event that annual grasses have a strong established root system at the time of application.
 - Large soil clods present during time of application.
- Application of **KROME 400 SC** may result in minor phytotoxicity symptoms crop in the form of stunting, volume reduction or scorching of the leaves (< 10 %), however these symptoms will not affect yield. Do not apply on crop plants that are stressed.

KROME 400 SC 1.9 l/ha	PLUS
	Levant 100 SL 1.5 l/ha
Weeds controlled	
<i>Lolium</i> spp.*	Rye grass
<i>Triticum aestivum</i>	Volunteer wheat

*Variable control

2. VINES AND POME FRUIT

2.1 KROME 400 SC applied as solo product for pre- and early post-emergence control of weeds in vines

2.2 + and pome fruit.

NOTES

- **ONLY** apply to trees/vines in the Winter Rainfall Areas during the cooler winter months.
- Apply as a directed spray, to the soil, during the dormant stage of the trees/vines.
- Apply pre- to early post-emergence of annual winter grasses, with pre-emergence application being preferable.
- Apply the higher dosage rate for weeds that have already emerged but not bigger than the 3-leaf stage. This only applies if the soil is relatively (< 10 % of the soil surface) free of organic matter. **ONLY** apply the lower rate of **KROME 400 SC** when the soil surface is clean and free of organic plant material and the annual grass weeds have not yet emerged.
- **KROME 400 SC** is compatible with postemergence herbicides such as glyphosate or paraquat/diquat.
- **For effective control a minimum of 15 mm rain/irrigation should occur within five (5) days of application. This is to enable KROME 400 SC to leach into the root zone.**
- **DO NOT** apply to vines/orchards within ten (10) months after transplantation.
- **DO NOT** apply to nursery stock or in nurseries.

KROME 400 SC 1.9 ℓ/ha to 3.8 ℓ/ha	
Weeds controlled	
<i>Lolium</i> spp.	Rye grass
<i>Triticum aestivum</i>	Volunteer wheat

IMPORTANT NOTE: Consult the **Levant 100 SL**, **Slash Plus 540 SL**, **Slash 710 SG** and **Skoffel® 200 Super** labels for **WARNINGS**, **PRECAUTIONS** and **DIRECTIONS FOR USE**.

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

- **LEVANT 100 SL** (L 11323) = **LATERAL 100 SL** (L 11325) (**Clopyralid**);
- **SLASH 710 SG** (L 8450 / W 130058) = **GLYGRAN 710 SG** (L 8449) = **LYNCH 710 SG** (L 8670) (**Glyphosate**) and
- **SLASH PLUS 540 SL** (L 8819) = **PANGA PLUS 540 SL** (L 8818) = **LYNCH PLUS 540 SL** (L 8816) (**Glyphosate**).

LATERAL 100 SL, **GLYGRAN 710 SG** and **PANGA PLUS 540 SL** are registered products of **VILLA CROP PROTECTION (PTY) LTD.**

LEVANT 100 SL, **SLASH 710 SG** and **SLASH PLUS 540 SL** are registered products of **UNIVERSAL CROP PROTECTION (PTY) LTD.**

SKOFFEL® 200 SUPER is a registered trademark of **UNIVERSAL CROP PROTECTION (PTY) LTD.**

LYNCH 710 SG and **LYNCH PLUS 540 SL** are registered products of **CROPASURE (PTY) LTD.**

INTERLOCK® and **PROTANK® LIQUID CLEANER** are registered trademarks of **WINFIELD SOLUTIONS REGISTRATION HOLDINGS (PTY) LTD.**