

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

REFER TO DETAILS AS PRINTED ON CONTAINER / BAG

Herbicide



METRIBUZIN 480 SC

Reg. No. L 4374 Act No. 36 of 1947

6: 12/03/2025 – June2025

A suspension concentrate herbicide for the control of a variety of annual broadleaf weeds and grasses in transplanted tomatoes, potatoes, sugarcane, soybeans and lucerne, as well as transplanted asparagus in the summer rainfall region.

ACTIVE INGREDIENT

metribuzin (triazine)

480 g/l

GROUP

5

HERBICIDE



WARNING



Hazard Statements:

Harmful if swallowed.

Harmful if inhaled.

Very toxic to aquatic life with long lasting effects.

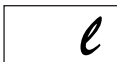
Precautionary Statements:

IF SWALLOWED: Get medical help.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get medical help.

Avoid release into the environment.

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



villa



UN Number: 3082

Registration holder: VILLA CROP PROTECTION (PTY) LTD.

Co. Reg. No. 1992/002474/07

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)

METRIBUZIN 480 SC

Reg. No. L 4374 Act No. 36 of 1947

HERBICIDE GROUP CODE: 5

ACTIVE INGREDIENT:

metribuzin (triazine)480 g a.i./l

Registration holder:

VILLA CROP PROTECTION (PTY) LTD.

Co. Reg. No. 1992/002474/07

65 Botes Road, Glen Marais

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WARNINGS**Hazard statements:**

Harmful if swallowed.
Harmful if inhaled.
Very toxic to aquatic life with long lasting effects.

- Lucerne: Allow 25 days between the last application and harvest or grazing.
- Store under lock and key in a cool, dry, well-ventilated place, away from food, feeds, seed, fertilizers and other agricultural remedies.
- Keep out of reach of children, uninformed persons and animals.
- **In case of poisoning call a physician immediately and make this label available to him/her.**

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 the drift to contaminate water or adjacent areas.

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 soil, climatic and storage conditions, quality of dilution water, compatibility with other substances not indicated on the label, the occurrence of resistance of weeds against the remedy concerned, as well as by the method, time and accuracy of application. The registration holder furthermore 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.

PRECAUTIONS**Precautionary statements**

Avoid breathing fume, mists, vapours or spray.
Wash hands and face thoroughly after handling.
Do not eat, drink or smoke when using this product.
Use only outdoors or in a well-ventilated area.
Avoid release into the environment.
IF SWALLOWED: Get medical help.
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get medical help.
Rinse mouth.
Collect spillage.
Dispose of content/container to suitable landfill in accordance with local regulations.

- Wear protective rubber gloves and a face shield when handling the concentrate.
- Wash contaminated clothing after use.

- In case of eye contamination, rinse the eyes thoroughly with plenty of clean water for at least 20 minutes, holding the eyelid(s) open. Obtain medical assistance immediately.
- Prevent drift onto other crops, grazing, rivers, dams or areas not under treatment or to nearby water sources.
- Clean the applicator before using for other products and 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.
- **Never** re-use the empty container for any other purpose.
- Prevent contamination of food, feeds, drinking water and eating utensils.

Relevant hazardous components	
Metribuzin TC	480 g/l
Mono Ethylene Glycol	<50 g/l
Soprophor FL	<60 g/l

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).

SYMPTOMS OF HUMAN POISONING

Symptoms of poisoning include abdominal pain, diarrhea, and vomiting.

FIRST AID TREATMENT

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.

- **Inhalation:** Remove person from contaminated area to fresh air and assist breathing as needed. Seek medical attention if person feels unwell.
- **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 person feels **Eyes:** Flush eyes with clean water until no evidence of chemical remains. Lift eyelids to facilitate irrigation. If present, remove contact lenses after 5 minutes and continue rinsing.
- **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.

NOTE TO PHYSICIAN

Treat symptomatically and supportively. No specific antidote known. If large amounts have been ingested, perform gastric lavage, and administer activated charcoal.

Mode of Action: METRIBUZIN 480 SC is a selective, systemic herbicide, absorbed primarily by roots, but also by leaves, translocated acropetally in the xylem. Crop selectivity is due to conjugation. It inhibits photosynthetic electron transport by binding at the QB site on the D1 protein of the photosystem II complex, resulting in formation of reactive chemical species that oxidise and degrade lipids and proteins.

RESISTANCE WARNING

METRIBUZIN 480 SC is a group code 5 herbicide. Any weed population may contain individuals naturally resistant to **METRIBUZIN 480 SC** and other group code 5 herbicides. The resistant individuals can

eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds may not be controlled by **METRIBUZIN 480 SC** or any other group code 5 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

- Do not plant crops other than potatoes and sugarcane within six (6) months of a **METRIBUZIN 480 SC** application. Crops such as maize, carrots, tomatoes, beetroot, asparagus, turnips and soybeans may be planted six (6) months after a **METRIBUZIN 480 SC** application, while twelve (12) months should elapse before crops such as brassicae, cucurbits, onions, peas, beans, wheat, lettuce, tobacco and strawberries are planted. However, when **METRIBUZIN 480 SC** plus **Lasso EC** were applied to soybeans as recommended (refer “**REMARKS**”: Soybeans), the crops mentioned above may be planted after half the waiting period indicated has elapsed. In case of a soybean crop failure (e.g. due to severe hail damage), soybeans may be replanted immediately in the following manner:
The soil should not be disturbed (disked or ploughed) but the new soybean crop should be planted as deep as possible. A residual herbicide should not be applied, but if needed, a post-emergence herbicide may be applied.
- Prior to the planting of subsequent crops, deep and thorough ploughing (not less than 20 cm) with a mould board or disc plough is essential.
- Do not apply **METRIBUZIN 480 SC** to winter-grown potatoes or in areas where untimely frost occurs. Do not apply **METRIBUZIN 480 SC** to potatoes during the months April to September. Cold spells after early spring application of **METRIBUZIN 480 SC** may cause stunting of potatoes. Differences in cultivar sensitivity may occur. It has been found that under unfavourable conditions the cultivars BP1, Koos Smit, Astrid, Late Harvest and Earliest of All are more prone to damage, than others.
- The use of poor quality, diseased seeds or seedlings may lead to **METRIBUZIN 480 SC** damage. In the case of potatoes it has been found that plants from seed of 60 g and smaller are more prone to damage.

Potatoes: Too early ridging or disturbance of the soil after application may result in shifting or concentrating the herbicide over the plant row with a possibility of subsequent phytotoxicity. A period of at least six (6) weeks should elapse from application time to ridging. Avoid excessive overlapping of spray swaths and double spraying. Over-application, applying at the incorrect growth stage or any other use not in accordance with the directions on this label, may cause stunting of crops and other effects.

Soybeans: Not recommended for use on the cultivars Edgar, Dumela, Ibis, Highveld Top and Komati. Do not apply **METRIBUZIN 480 SC** for multiplication of mother seed or on any soybean cultivars on which **METRIBUZIN 480 SC** has not been tested, before consulting the supplier. Do not apply **METRIBUZIN 480 SC** to soybeans grown in soil with excessively low or high pH values (below 4.5 or above pH 7.0), as injury to soybeans may occur, or in soil with mineral deficiencies or where water logging occurs.

Lucerne: Apply **METRIBUZIN 480 SC** only to established lucerne, which has completed at least one full growing season. Apply after cutting or grazing prior to the emergence of the weeds. Chlorosis of the lucerne plants may occur, but should disappear after a short while without affecting the yield. Do not apply **METRIBUZIN 480 SC** to lucerne, grown in soil with excessively high pH values ($\text{pH} \geq 7.0$), soil with mineral deficiencies or where water logging occurs as this may aggravate chlorosis. **Use only on the following cultivars:** CUF 101, SA Standard and Granada.

SPRAYING CONDITIONS

- Best results are obtained when **METRIBUZIN 480 SC** is applied to moist soil, free of clods and in a fine tilth, before weeds are emerged or at the latest when broad-leaved weeds (dicotyledons) are young (4- to 6-leaf stage) and grasses (monocotyledons) are not bigger than 3-leaf stage and all actively growing.
- Climatic conditions ideally should be warm and optimal for plant growth.
- **METRIBUZIN 480 SC** should normally control weeds for a period of 8 to 16 weeks. However, this is dependent on factors such as soil type, rate of application as well as organic matter content, silt fraction, soil pH and climatic conditions after application.

NOTE

- Climatic conditions affect the efficacy of, as well as crop tolerance to, **METRIBUZIN 480 SC**. Prior to a **METRIBUZIN 480 SC** application, the following should be considered:

Should circumstances necessitate that a **METRIBUZIN 480 SC** treated land be re-planted to an alternative crop, refer to “**USE RESTRICTIONS**”.

- Tomato and asparagus transplants should have taken root, before **METRIBUZIN 480 SC** application. **METRIBUZIN 480 SC** will adversely affect newly planted, interplanted and weak tomato and asparagus plants. At least two (2) days of sunny weather should precede **METRIBUZIN 480 SC** application on tomatoes.
- Heavy rains following application will cause leaching of the product and a decrease in efficacy. Plant residues or stubble (mulch) covering the soil, will also adversely affect the efficacy of **METRIBUZIN 480 SC**.
- **Do not** add any wetting agents, fertilizers or other spray materials, except those mentioned on this label, to **METRIBUZIN 480 SC** spray mixtures.

DIRECTIONS FOR USE: Use only as directed.

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:

- **METRIBUZIN 480 SC** is normally compatible with **Ametryn 500 SC**, **DIURON 800 SC** (L 3200), **DIURON 800 WP** (L 3227), **GESAPAX 500 SC** (L 2784), **LISSO EC** (L 0977), **SKOFFEL® 145 SL** (L 4347), **Develop 800 WDG**, **Bound 200 SL** and **Summit Super**.
- Strictly adhere to mixing instructions and all label recommendations of products, which are to be mixed with **METRIBUZIN 480 SC**.
- Prior to mixing in a tank, a compatibility test should be carried out to determine if quality of water does not affect compatibility.
- When **METRIBUZIN 480 SC** is used in conjunction with any other agricultural remedy, all **WARNINGS**, **PRECAUTIONS** and **DIRECTIONS FOR USE** mentioned on that label, must be adhered to.

Mixing instructions:

- Half fill the spray tank with clean water.
- Add the required amount of **METRIBUZIN 480 SC** to the tank while agitating.
- Fill the spray tank with water to the required level.
- Prepared spray mixtures must not be left in the spray tank for any length of time, e.g. overnight.

APPLICATION

Ground application:

Apply by means of a tractor-mounted boom sprayer or other suitable ground spraying equipment, which is correctly calibrated to deliver at least 200 litres spray mixture per hectare, at a constant speed and pressure of 200 to 300 kPa, to ensure even delivery. Avoid overlapping of swaths and close the nozzles while starting slow movement, turning and stopping to prevent over-application.

Aerial application:

Aerial application of **METRIBUZIN 480 SC** may only be performed 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. It is therefore essential that the following criteria be met:

- **Volume:** **Pre-emergence** - 30 litres per hectare. **Post-emergence** – 30 to 35 litres per hectare. As this product has not been evaluated at a reduced volume rate, the registration holder cannot guarantee efficacy, or be held responsible for any adverse effects if this product is applied aerially at a lower volume rate than recommended above.
- **Droplet coverage:** The following number of droplets per cm² must be recovered at the target area: **Pre-emergence** - 20 to 30. **Post-emergence** - 35 to 45.
- **Droplet size:** The following droplet spectra are recommended: **Pre-emergence**- VMD of 350 to 400 micron. **Post-emergence** - VMD of 300 to 350 micron. Limit the production of fine droplets less than 150 micron (high drift and evaporation potential) to a minimum.

- Flying height: Maintain the height of the spray boom at 3 to 4 metres above the target. Do not spray when aircraft dives, is in a climb or when banking.
- Use suitable atomising equipment that will produce the desired droplet size and coverage, but which will ensure the minimum loss of product. The spraying system must produce a droplet spectrum with the lowest possible Relative Span.
- Position all the atomisers within the inner 60 to 75 % of the wingspan to prevent droplets from entering the wingtip vortices.
- The difference in temperature between the wet and dry bulb thermometers, of a whirling hygrometer, should not exceed 8°C.
- Stop spraying if the wind speed exceeds 15 km per hour.
- Stop spraying under turbulent, unstable and dry conditions during the heat of the day.
- Spraying under temperature inversion conditions (spraying in or above the inversion layer) and/or high humidity conditions (relative humidity 80 % and above) may lead to the following:
 - a) reduced efficacy due to suspension and evaporation of small droplets in the air (inadequate coverage),
 - b) damage to other sensitive crops and/or non-target areas through drifting of the suspended spray cloud away from the target field.
- Ensure that the aerial spray operator knows exactly which fields to spray.

Obtain an assurance from the aerial spray operator that the above requirements will be met and that relevant data will be compiled in a logbook and kept for future reference.

Broadleaf weeds controlled by METRIBUZIN 480 SC:	
Botanical name	Common name
<i>Acalypha ecklonii</i>	
<i>Acanthospermum hispidum</i> **	Upright starbur
<i>Ageratum conyzoides</i>	Blue weed
<i>Amaranthus deflexus</i>	Perennial pigweed
<i>Amaranthus hybridus</i> **	Common pigweed
<i>Amaranthus spinosus</i>	Thorny pigweed
<i>Amaranthus thunbergii</i>	Red pigweed
<i>Ambrosia maritima</i>	Ragweed
<i>Anthemis cotula</i>	Stinking mayweed
<i>Argemone mexicana</i>	Mexican prickly poppy
<i>Bidens pilosa</i>	Blackjack
<i>Borreria natalensis</i>	Button weed
<i>Cenia turbinata</i>	Daisy
<i>Chenopodium album</i> **	White goosefoot
<i>Chenopodium carinatum</i>	Green goosefoot
<i>Chenopodium murale</i>	Nettle-leaved goosefoot
<i>Cirsium vulgare</i>	Scotch thistle
<i>Cleome monophylla</i>	Spindlepod
<i>Commelina benghalensis</i>	Benghal wandering Jew
<i>Conyza canadensis</i>	Horseweed fleabane
<i>Datura ferox</i>	Large thornapple
<i>Datura stramonium</i>	Thorn apple
<i>Emex australis</i>	Spiny emex
<i>Fumaria muralis</i>	Fumitory
<i>Euphorbia</i> spp.	Milkweed
<i>Galinsoga parviflora</i> **	Gallant soldier
<i>Gnaphalium luteo-album</i>	Jersey cudweed
<i>Hibiscus trionum</i>	Bladderweed
<i>Leucas martinicensis</i>	Bobbinweed
<i>Nicandra physalodes</i>	Apple-of-Peru
<i>Physalis angulata</i> **	Wild gooseberry
<i>Polygonum aviculare</i>	Prostrate knotweed
<i>Portulaca oleraceae</i> **	Common purslane
<i>Raphanus raphanistrum</i>	Wild radish
<i>Richardia brasiliensis</i>	Tropical richardia
<i>Schkuhria pinnata</i> **	Dwarf marigold
<i>Siegesbeckia orientalis</i>	Common St Paul's Wort
<i>Solanum retroflexum</i>	Black nightshade
<i>Spergula arvensis</i>	Corn spurry
<i>Stellaria media</i>	Chickweed
<i>Tagetes minuta</i> **	Khakhi weed
<i>Tribulus terrestris</i>	Dubbeltjie
<i>Urtica urens</i>	Small stinging nettle
<i>Xanthium spinosum</i>	Spiny cocklebur
<i>Xanthium strumarium</i>	Cocklebur

Grasses controlled by METRIBUZIN 480 SC:	
Botanical name	Common name
<i>Chloris virgata</i>	Feather-top chloris
<i>Digitaria sanguinalis</i> **	Crab fingergrass
<i>Echinochloa crusgali</i>	Barnyard grass
<i>Erharta brevifolia</i>	
<i>Eleusine indica</i> **	Goose grass
<i>Eragrostis</i> spp.	Love grass
<i>Panicum coloratum</i>	Small buffalo grass
<i>Panicum maximum</i> *	Common buffalo grass
<i>Panicum schinzii</i>	Sweet buffalo grass
<i>Setaria verticillata</i>	Burr bristle grass
<i>Tragus racemosus</i>	Large carrot-seed grass
<i>Urochloa panicoides</i>	Herringbone grass
<i>Cyperus esculentus</i> *	Yellow nutsedge
<i>Mariscus macer</i> *	

- Refer remarks under "**APPLICATION RATES**".
- * - Require 4.3 litres of **METRIBUZIN 480 SC** per hectare for adequate control. *Cyperus rotundus* and *Solanum nigrum* are normally not controlled with **METRIBUZIN 480 SC**.
- ** - Weeds known to be susceptible to **METRIBUZIN 480 SC** plus **Lasso EC** mixture in soybeans (refer **Lasso EC** label).

APPLICATION RATES

Crop and Soil type	Rate (ℓ/ ha)	Remarks
Asparagus Established crop in the summer rainfall region only > 10 % clay	1.5 OR 1.5 PLUS 2.0 kg Diuron 800 WP	Apply as a full cover spray to well-established transplants/crowns or on an established crop grown by direct seeding (sown at least one year prior to the METRIBUZIN 480 SC treatment). Mechanical cultivation to eradicate the existing weed population should precede the application of METRIBUZIN 480 SC or the METRIBUZIN 480 SC/Diuron 800 WP tank mixture. If the plants/crowns are transplanted in autumn, the herbicide must be applied in the following spring for maximum residual values. Not to be used on soil where the clay content is less than 10 %.
Lucerne Established crop 0 to 10 % clay (light sand to sand)	1.1	<u>Weeds: Pre-emergence.</u> Apply as a full cover spray just prior to weed emergence to established, dormant lucerne that has completed a full growth season. Do not apply METRIBUZIN 480 SC to soils with high pH values (pH > 7), on soils with nutrient deficiencies or under waterlogged conditions. Use only on the cultivars CUF 101, SA Standard and Granada.
11 to 20 % clay (loamy sand to sandy loam)	1.5	
21 to 35 % clay (sandy clay loam)	1.8 to 2.2	
Soybeans	Not recommended on soils containing less than 10 % clay, or more than 35 % clay.	
11 to 20 % clay	0.3 PLUS 5 ℓ Lasso EC	Apply evenly to the soil as a post-plant, pre-emergence application. Avoid overlapping of spray swaths.
21 to 35 % clay	0.4 PLUS 5 ℓ Lasso EC	

Crop and Soil type	Rate (ℓ/ ha)	Remarks
<u>Sugarcane</u>	Not recommended on weak soils containing less than 6 % clay.	
Pre-emergence: 6 to 20 % clay (light sand to sandy loam)	3.6 to 4.3 OR 2.0 to 2.9 PLUS 2.0 ℓ Diuron 800 SC	Apply uniformly to moist soil surface after planting or harvesting. The high rates will have a suppressing effect on <i>Cyperus esculentus</i> . If <i>Panicum maximum</i> is present, the application should be performed pre-emergence (or very early post-emergence). Apply before the grass weeds, especially <i>Panicum maximum</i> , are in the 2- to 3-leaf stage and broadleaf weeds are in the 4- to 6-leaf stage. Apply the high rates when <i>Cyperus esculentus</i> is present. The addition of Skoffel® 145 SL as recommended in plant cane to METRIBUZIN 480 SC plus Diuron 800 SC or to METRIBUZIN 480 SC plus Ametryn 500 SC will enhance the efficacy, particularly where <i>Panicum maximum</i> is a problem or has developed beyond the 3-leaf stage, but is still in a stage prior to tillering.
21 to 35 % clay (loam to sandy clay loam)	4.3 OR 2.5 to 2.9 PLUS 2.0 ℓ Diuron 800 SC	
Early post-emergence: 6 to 20 % clay (light sand to sandy loam)	3.6 to 4.3 OR 2.0 to 2.9 PLUS 2.0 ℓ Diuron 800 SC OR 2.0 to 2.9 PLUS 3.0 to 4.0 ℓ Ametryn 500 SC	Apply before the grass weeds, especially <i>Panicum maximum</i> , are in the 2- to 3-leaf stage and broadleaf weeds are in the 4- to 6-leaf stage. Apply the high rates when <i>Cyperus esculentus</i> is present. The addition of Skoffel® 145 SL as recommended in plant cane to METRIBUZIN 480 SC plus Diuron 800 SC or to METRIBUZIN 480 SC plus Ametryn 500 SC will enhance the efficacy, particularly where <i>Panicum maximum</i> is a problem or has developed beyond the 3-leaf stage, but is still in a stage prior to tillering.
21 to 35 % clay (loam to sandy loam)	4.3 OR 2.5 to 2.9 PLUS 2.0 ℓ Diuron 800 SC OR 2.5 to 2.9 PLUS 3.0 to 4.0 ℓ Ametryn 500 SC	
Aerial application: Early post-emergence: 6 to 35 % clay (light sand to sandy clay loam)	3.6 PLUS 2.5 ℓ Diuron 800 SC	Apply uniformly in 30 to 40 litres spray solution per hectare. Refer to " REMARKS " above: Early post-emergence.
Plant and Ratoon Crops	3.0 ℓ / ha PLUS 2.0 kg / ha Develop 800 WDG	<u>Pre- or Early post-emergence:</u> For post-emergence applications, add Summit Super at 0.15 % (150 ml per 100 litres) to the spray mixture.
Pre- and Post-emergence	3.0 ℓ / ha PLUS 2.0 kg / ha Develop 800 WDG PLUS 3.0 ℓ / ha Bound 200 SL	Apply <u>Post emergence</u> of weeds. Plant cane: Apply in the spikelet to 3-leaf stage. <u>Ratoon cane:</u> Apply as a directed spray between rows. Post-emergence weeds: foliar uptake will be improved by the addition of an adjuvant.

Crop and Soil type	Rate (ℓ/ ha)	Remarks
Tomatoes (Transplanted) Post-transplanted: 0 to 10 % clay (light sandy to sandy)	1.1	Apply uniformly to the soil. Weeds should not be taller than 3 to 5 cm, grasses preferably at emergence. Tomato plants should have taken root, i.e. at least 14 days after transplanting.
11 to 20 % clay (loamy sand to sandy clay)	1.5	METRIBUZIN 480 SC should be applied as a directed spray between the rows of tomatoes.
21 to 35 % (sandy clay loam)	1.8 to 2.2	Apply the high rate with higher clay fraction.
Potatoes Pre-emergence: 0 to 10 % clay (light sandy to sandy)	1.1	Apply uniformly to the soil from directly after planting until just before emergence of the potatoes.
11 to 20 % clay (loamy sand to sandy clay)	1.5	Apply the high rate with higher clay fraction.
21 to 35 % (sandy clay loam)	1.8 to 2.2	
METRIBUZIN 480 SC + Lasso EC (Tank mixture)		Lasso EC may be added at 5 litres per hectare (all soil types) to METRIBUZIN 480 SC (tank mixture). The METRIBUZIN 480 SC rate may be reduced by 0.36 litres per hectare on soil with a clay content of up to 20 %. The METRIBUZIN 480 SC rate remains as stated on soils with 21 to 35 % clay.
Early post-emergence: METRIBUZIN 480 SC + Skoffel® 145 SL (Tank mixture)		Skoffel® 145 SL may be added at 2 litres per hectare (all soil types) to METRIBUZIN 480 SC . METRIBUZIN 480 SC rate as stated according to soil type for potatoes. This tank mixture must be applied before 10 % emergence of the potato crop.
Aerial application: 0 to 10 % clay (light sandy to sandy)	1.5	Apply uniformly to the soil in 30 to 40 litres spray solution per hectare before emergence of potatoes.
11 to 20 % clay (loamy sand to sandy clay)	1.8	Apply the high rate with higher clay fraction.
21 to 35 % (sandy clay loam)	2.2 to 2.6	
METRIBUZIN 480 SC + Lasso EC (Tank mixture)		Lasso EC may be added at 5 litres per hectare (all soil types) to METRIBUZIN 480 SC (tank mixture). METRIBUZIN 480 SC rate in the tank mix should be as for ground application as listed for the different soil types.

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

- **AMETRYN 500 SC** (L 7742)
- **BOUND 200 SL** (L 9280 / N-AR 1735/ W1301405) = **BRASS 200 SL** (L 9279) (**Glufosinate ammonium**),
- **DEVELOP 800 WDG** (L 9109) = **EXTEND 800 WDG** (L 9108 / W 1301047) (**Diuron**) and

- **SUMMIT SUPER (L 8539) = BENEFIT PLUS (L 8538).**

AMETRYN 500 SC, SUMMIT SUPER, DEVELOP 800 WDG, BOUND 200 SL and BENEFIT PLUS
are registered products of
Villa Crop Protection (Pty) Ltd.

BRASS 200 SL and EXTEND 800 WDG are registered products of
Universal Crop Protection (Pty) Ltd.

SKOFFEL® 145 SL is a registered trademark of
Universal Crop Protection (Pty) Ltd.

LASSO EC is a registered trademark of
Monsanto South Africa (Pty) Ltd.

GESAPAX 500 SC is a registered trademark of
Syngenta Sa (Pty) Ltd.

DIURON 800 SC and DIURON 800 WP are registered products of
Dow Agrosciences Southern Africa (Pty) Ltd.