

BEFORE USING THIS PRODUCT READ THE LABEL CAREFULLY!

SHAKE THE BOTTLE WELL BEFORE USE.

Herbicide



METRIBUZIN 480 SC

Reg. No. L 4374 Act/Wet No. 36 of/van 1947

3:18/10/2013 – Oct2020

*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.*

*'n Suspensiekonsentraat onkruidodder vir die beheer van 'n verskeidenheid eenjarige brëbeblaaronkruiden en grasse in uitgeplante tomaties, aartappels, suikerriet, sojabone en lusern, asook in uitgeplante aspersies in die somerreënvalgebied.*

ACTIVE INGREDIENT / AKTIEWE BESTANDDEEL

metribuzin (triazine) 480 g/l metribusien (triasien)

HRAC HERBICIDE GROUP CODE **C1** HRAC ONKRUIDDODER GROEPKODE



**villa**

Registration holder / Registrasiehouer:

Villa Crop Protection (Pty) Ltd.

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

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UN Number: 3082

Willow Set & Print 011 394-4486



CAUTION  
VERSIGTIG



GEBRUIKSAANWYSYNGS INGESLUIT

VERWYS NA BESONDERHEDE  
GEDRUK OP HOUER/SAK

Date formulated:

Formuleringsdatum:

DIRECTIONS FOR USE ENCLOSED

REFER TO DETAILS PRINTED  
ON CONTAINER/BAG

Batch number:

Lotnommer:

**METRIBUZIN 480 SC**

Reg. No. L 4374 Act/Wet No. 36 op/van 1947

HRAC HERBICIDE GROUP CODE / HRAC ONKRUIDDODER GROEPKODE: C1

**ACTIVE INGREDIENT / AKTIEWE BESTANDDEEL:**

metribuzin (triazine) / metribusien (triasien) .....480 g/l

Registration holder / Registrasiehouer:

**VILLA CROP PROTECTION (PTY) LTD.**

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

P.O. Box / Posbus 10413, ASTON MANOR, 1630,

Tel. (011) 396 2233

**CAUTION / VERSIGTIG****WARNINGS**

- **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**

- Avoid inhalation of the spray mist or fumes.
- Avoid contact with skin and eyes.
- Wear protective rubber gloves and a face shield when handling the concentrate.
- Wash with soap and water after use and accidental skin contact.
- 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.
- Do not eat, drink or smoke whilst mixing, applying or before washing hands and face or change of clothing.
- 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** empty containers in the following manner: Invert the empty container over the spray or mixing tank and allow draining for at least 30 seconds after the flow has slowed down to a drip. Thereafter, rinse the container three times with a volume of water equal to a minimum of a third of the volume of the container. Add the rinsing to the contents of the spray tank before destroying the container in the prescribed manner.
- 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.

**RESISTANCE WARNING**

**METRIBUZIN 480 SC** is a group code C1 herbicide. Any weed population may contain individuals naturally resistant to **METRIBUZIN 480 SC** and other group code C1 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 C1 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 (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.****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 cm<sup>2</sup> 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.

| <b>Broadleaf weeds controlled by METRIBUZIN 480 SC:</b> |                         |
|---|-------------------------|
| <b>Botanical name</b>                                   | <b>Common name</b>      |
| <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>Borreira 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 spp.</i>                   | 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  |
|--|--|--|
| <b>Asparagus</b><br>Established crop in the summer rainfall region only<br><br>> 10 % clay | 1.5<br><b>OR</b><br>1.5<br><b>PLUS</b><br>2.0 kg<br><b>Diuron 800 WP</b>         | 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 <b>METRIBUZIN 480 SC</b> treatment). Mechanical cultivation to eradicate the existing weed population should precede the application of <b>METRIBUZIN 480 SC</b> or the <b>METRIBUZIN 480 SC/Diuron 800 WP</b> tank mixture. If the plants/crowns are transplanted in autumn, the herbicide must be applied in the following spring for maximum residual values. <b>Not to be used</b> on soil where the clay content is less than 10 %. |
| <b>Lucerne</b><br>Established crop<br>0 to 10 % clay<br>(light sand to sand)               | 1.1  | <u>Weeds: Pre-emergence.</u><br>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 <b>METRIBUZIN 480 SC</b> 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<br>(loamy sand to sandy loam)  | 1.5  |  |
| 21 to 35 % clay<br>(sandy clay loam)   | 1.8 to 2.2   |  |
| <b>Soybeans</b>  | Not recommended on soils containing less than 10 % clay, or more than 35 % clay. |  |
| 11 to 20 % clay  | 0.3<br><b>PLUS</b><br>5 ℓ <b>Lasso EC</b>  | Apply evenly to the soil as a post-plant, pre-emergence application.   |
| 21 to 35 % clay  | 0.4<br><b>PLUS</b><br>5 ℓ <b>Lasso EC</b>  | Avoid overlapping of spray swaths.   |

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



| <b>Crop and Soil type</b>  | <b>Rate (ℓ / ha)</b> | <b>Remarks</b>  |
|--|----------------------|---|
| <b>Tomatoes</b><br>(Transplanted)<br><b>Post-transplanted:</b><br>0 to 10 % clay<br>(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.<br><b>METRIBUZIN 480 SC</b> should be applied as a directed spray between the rows of tomatoes.                                   |
| 11 to 20 % clay<br>(loamy sand to sandy clay)  | 1.5                  |   |
| 21 to 35 %<br>(sandy clay loam)  | 1.8 to 2.2           |   |
| <b>Potatoes</b><br><b>Pre-emergence:</b><br>0 to 10 % clay<br>(light sandy to sandy)                       | 1.1                  | Apply uniformly to the soil from directly after planting until just before emergence of the potatoes.<br><br>Apply the high rate with higher clay fraction.   |
| 11 to 20 % clay<br>(loamy sand to sandy clay)  | 1.5                  |   |
| 21 to 35 %<br>(sandy clay loam)  | 1.8 to 2.2           |   |
| <b>METRIBUZIN 480 SC + Lasso EC</b><br>(Tank mixture)  |                      | <b>Lasso EC</b> may be added at 5 litres per hectare (all soil types) to <b>METRIBUZIN 480 SC</b> (tank mixture). The <b>METRIBUZIN 480 SC</b> rate may be reduced by 0.36 litres per hectare on soil with a clay content of up to 20 %. The <b>METRIBUZIN 480 SC</b> rate remains as stated on soils with 21 to 35 % clay. |
| <b>Early post-emergence:</b><br><b>METRIBUZIN 480 SC + Skoffel® 145 SL</b><br>(Tank mixture)               |                      | <b>Skoffel® 145 SL</b> may be added at 2 litres per hectare (all soil types) to <b>METRIBUZIN 480 SC</b> .<br><b>METRIBUZIN 480 SC</b> rate as stated according to soil type for potatoes. This tank mixture must be applied before 10 % emergence of the potato crop.  |
| <b>Aerial application:</b><br>0 to 10 % clay<br>(light sandy to sandy)                                     | 1.5                  | Apply uniformly to the soil in 30 to 40 litres spray solution per hectare before emergence of potatoes.<br><br>Apply the high rate with higher clay fraction.   |
| 11 to 20 % clay<br>(loamy sand to sandy clay)  | 1.8                  |   |
| 21 to 35 %<br>(sandy clay loam)  | 2.2 to 2.6           |   |
| <b>METRIBUZIN 480 SC + Lasso EC</b><br>(Tank mixture)  |                      | <b>Lasso EC</b> may be added at 5 litres per hectare (all soil types) to <b>METRIBUZIN 480 SC</b> (tank mixture). <b>METRIBUZIN 480 SC</b> 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) = **AMETRYN 500SC** (L 7743),
- **BOUND 200 SL** (L 9280 / N-AR 1735) = **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/en BENEFIT PLUS** are registered products of / is geregistreerde produkte van **Villa Crop Protection (Pty) Ltd.**

**BRASS 200 SL, AMETRYN 500SC and/en EXTEND 800 WDG** are registered products of / is geregistreerde produkte van **Universal Crop Protection (Pty) Ltd.**

**SKOFFEL® 145 SL** is a registered trademark of / is 'n geregistreerde handelsmerk van **Universal Crop Protection (Pty) Ltd.**

**LASSO EC** is a registered trademark of / is 'n geregistreerde handelsmerk van **Monsanto South Africa (Pty) Ltd.**

**GESAPAX 500 SC** is a registered trademark of / is 'n geregistreerde handelsmerk van **Syngenta Sa (Pty) Ltd.**

**DIURON 800 SC and/en DIURON 800 WP** are registered products of / is geregistreerde produkte van **Dow Agrosciences Southern Africa (Pty) Ltd.**