

TERBUSIP SC

Registration No L6026 Act No. 36 of 1947

A suspension concentrate herbicide for the pre-emergence control of a broad spectrum of annual weeds in apples, vines, citrus and post-emergence control of broadleaf weeds in maize as well as for the prevention of weed growth on industrial sites and other non-crop areas.

Active Ingredients :
Terbuthylazine (triazine) 500 g / ℓ
Other triazines 12 g / ℓ

Registered by: **Sipcam Southern Africa (Pty) Ltd**
Co.Reg.No 96/09324/07
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WARNINGS

- Handle with care
- Poisonous when swallowed.
- Store in a cool place away from food, feeds, seed and other agricultural remedies.
- Keep out of reach of children, uninformed persons and animals.
- In case of poisoning call a doctor and show him this label.

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 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

- Do not inhale the spray mist.
- Wear face shield and gloves when handling concentrate.
- Wash with soap and water after use as well as contaminated clothing.
- Do not eat, drink or smoke whilst mixing or applying or before washing hands and face.
- Avoid drift of spray onto other crops, grazing, rivers, dams and areas not under treatment.
- Clean applicator after use. Dispose of wash water where it will not contaminate crops, grazing, rivers, dams, etc.
- Rinse the empty container three times with a volume of water equal to a minimum of 10 % of that of the container. Add the rinsings to the content of the spray tank.
- Prevent contamination of food, feeds, drinking water and eating utensils.
- Destroy the container and do not use it for any other purpose.

Symptoms of human poisoning:

Irritation of skin, eyes and mucous membranes may occur.

First aid treatment:

Skin contact: Remove contaminated clothing and shoes. Wash body immediately with soap and lots of water. Rinse thoroughly. Persons providing first aid must wear gloves to avoid self-contamination.

Eye contact: Flush eyes immediately with large amounts of clean water for approximately 15 minutes. If eye irritation persists, get medical attention.

Inhalation: Remove patient to a well ventilated area. Seek medical advice.

Ingestion: Rinse mouth with water. Seek medical attention immediately.

Note to physician:

If product was swallowed – Perform gastric lavage. Seek advice of a poison centre. Medical supervision for at least 48 hours. Treat symptomatically and supportively.

RESTRICTIONS OF USE

- Do not apply Terbusip SC to pear or stone fruit trees.
- Do not apply Terbusip SC to vines, citrus or apple trees within one year after transplanting. Avoid treatment of young interplants in established vineyards and orchards.
- Do not apply Terbusip SC to vines, apple and citrus suffering from trace element deficiencies or brackish soil conditions.
- DO NOT APPLY TERBUSIP SC TO ALKALINE SOILS AND/OR SHALLOW SOILS THAT ARE SUBJECT TO WATERLOGGING.
- Terbusip SC has a relatively long residual activity in the soil and susceptible crops such as winter cereals, legumes, vegetables, etc., should not be planted in soils treated with Terbusip SC less than 18 months previously.
- If Terbusip SC is used in a tank mix with Roundup®, Simazol®SC, Trooper 320 SL, 2,4 D Amine or any other herbicide, consideration should also be given to the restrictions of those herbicides.

WEEDS CONTROLLED

The following weed species are normally well controlled residually after a pre-emergence treatment of Terbusip SC at the dosage rates recommended below:

| | |
|---------------------------------|--------------------------------|
| <i>Acanthospermum australe</i> | eight-seeded prostrate starbur |
| <i>Acanthospermum glabratum</i> | five-seeded prostrate starbur |
| <i>Amaranthus hybridus</i> | common pigweed |
| <i>Amaranthus thunbergii</i> | red pigweed |
| <i>Bidens bipinnata</i> | Spanish blackjack |
| <i>Bidens pilosa</i> | blackjack |
| <i>Chenopodium album</i> | white goosefoot |
| <i>Chenopodium carinatum</i> | green goosefoot |
| <i>Hibiscus trionum</i> | bladderweed |
| <i>Galinsoga parviflora</i> | gallant soldier |
| <i>Gisekia pharnaceoides</i> | Gisekia |
| <i>Nicandra physaloides</i> | apple of Peru |
| <i>Oenothera stricta</i> | evening primrose |
| <i>Physalis angulata</i> | wild gooseberry |
| <i>Portulaca oleracea</i> | purslane |
| <i>Schkuhria pinnata</i> | dwarf marigold |
| <i>Tagetes minuta</i> | khaki weed |

Terbusip SC does not control established weeds or weeds that develop from underground vegetative material such as rootstocks.

The degree of control and duration of effect depends on weed species, weed size, growing conditions at and following the period of application, rainfall and soil organic matter content.

DIRECTIONS FOR USE (Use only as directed)

COMPATIBILITY: Terbusip SC is compatible with Roundup® (Reg. No. L407), Simazol®SC (Reg. Nr. L5672), Trooper 320 SL (L6806) and 2,4 D amine 480 g/l SL. The formulation of such products as well as the quality of the water can however affect the compatibility of with Terbusip SC. Since the formulation of other products can be altered without the knowledge of the registration holder and the quality of water can vary from farm to farm the registration holder cannot accept responsibility for the compatibility of Terbusip SC with other products. It is therefore recommended that a compatibility test be carried out prior to application.

MIXING INSTRUCTIONS

Shake well before use. Replace screw cap after use.

Half-fill the spray tank with water and start agitation. Pour the required quantity of Terbusip SC through a 50 mesh sieve into the tank. Top up the tank with water to the final volume required. Ensure thorough agitation during filling. When used in tank mixture with Roundup® the Terbusip SC must be added last.

Ensure thorough agitation during filling and spraying operations

APPLICATION

Terbusip SC can be applied with any medium- or high volume sprayer fitted with an efficient agitation mechanism, which is capable of giving adequate coverage and even distribution. Best results are obtained using fan-type spray tips and applying at least 200 ℓ spray mixture per hectare.

Terbusip SC is mainly absorbed by the roots of weed seedlings and has very little or no effect on established weeds. Where weeds have already emerged, these weeds must first be destroyed through cultivation or a suitable post-emergence herbicide before Terbusip SC is applied. In situations where the weeds are still small or where the infestation is very light Terbusip SC can be applied in mixture with a post-emergence herbicide provided it is compatible. Where the weeds have already reached a dense stand Terbusip SC will not penetrate the weeds to reach the soil. In such situations the weeds must first be killed with a post-emergence herbicide before the Terbusip SC can be applied.

A. AGRICULTURAL USE

Apples, Vines and Citrus

Application Rates:

| CROP | TERBUSIP SC ℓ / ha | TIMING OF APPLICATION |
|----------------------------------|--------------------|-----------------------|
| Dryland and Irrigated Bush Vines | 3,5 | Pre-bud |
| Irrigated Trellis Vines | 3,5 | Early Spring |
| Apples | 3,5 | During Spring |
| Citrus | 3,5 | During Spring |

In the case of band application, correspondingly less Terbusip SC should be applied per hectare.

Terbusip SC can be mixed with Simazol SC when used in apples, citrus and vines to increase the residual effect on grasses. Use an application rate of 2,7 ℓ / ha Terbusip SC plus 2 ℓ / ha Simazol SC on soils with less than 15 % clay and an application rate of 2,7 ℓ / ha Terbusip SC plus 3 ℓ / ha Simazol SC on soils with a clay content of more than 15 %.

Maize: post – emergence

Terbusip SC can be used post-emergence in maize to control broadleaf weeds following a pre-emergence application of a grass-killer. The broadleaf weeds should not be longer than the 4 leaf stage or 10cm tall. When the maize is taller than 40 cm a directed spray should be applied to ensure proper coverage of the weeds.

Apply 2,0 ℓ Terbusip SC per hectare together with 250 ml Trooper SL as a tankmix in conjunction with Solitaire as an adjuvant (Solitaire rates as per Solitaire label).

Where follow up crops is sensitive to triazines, Terbusip SC may be used at 1,5 ℓ per hectare together with 350 ml per hectare Trooper 320 SL and Solitaire to avoid the total quantity of Triazines exceeding 1kg active per hectare during one season if used in conjunction with a pre-emergence program of acetanilides and triazines.

Waiting periods for follow-up crops:

1. Grain sorghum and maize – none.
2. Potatoes, dry beans, ground nuts, small grain, soya beans and sunflower - 9 months.
3. All other crops - 18 months

B. INDUSTRIAL USE

| SITE OF APPLICATION | DOSAGE | REMARKS |
|---|----------------|--|
| long roads, railway lines and on industrial sites | 8 to 20 ℓ / ha | Dosage depends on the clay content of the soil and the duration of control required. Use in combination with the required, registered rate of glyphosate, as indicated on the glyphosate product label. Terbusip SC can be mixed with Simazol SC to increase the residual effect on grasses. |

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Simazol® is the registered trademark of Sipcam S.p.A., Italy.
Solitaire is the trademark of Safagric.