



CAPACIT

Reg. No. /Nr L 9584, Act/Wet No. /Nr 36 Of Van 1947
N – AR 1537, W 130940

GROUP 5 HERBICIDE

READ THE LABEL BEFORE USE
KEEP OUT OF REACH OF CHILDREN AND ANIMALS

A soil applied suspension concentrate herbicide for the control of certain tree and shrub species as listed.

'n Grondtoegediende suspensie konsentraat onkruidoder vir die beheer van sekere boom-en bosspesies soos aangedui.



WARNING

Hazard Statements

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

Precautionary Statements

IF SWALLOWED - Get emergency medical help.
Rinse mouth.
Avoid release to the environment.

Active ingredient/Aktiewe bestanddeel

500 g/l Tebuthiuron (Urea) 500 g/l Tebutiuron (Ureum)

Net volume ℓ Netto volume

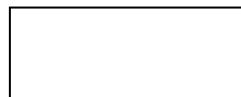
REGISTRATION HOLDER / REGISTRASIEHOUER:

Agritech Bioscience (Pty) Ltd / (Edms) Bpk t/a Carabiner
Reg. No. 2008/004392/07
PO Box / Posbus 1224
Isando
1600
South Africa / Suid-Afrika

Batch No.



Date of Manufacture
Expiry date (2 years)



..... Lot Nr.

.... Datum van Vervaardiging
..... (2 jr) Vervaldatum



UN No. 3082

In case of poisoning, call the following number:

Poison centre (Unitas hospital): Emergency Number: 012 664 1100
TYGERBERG: Emergency Number: 021 931 6129
RED CROSS: Emergency Number: 021 689 5227
RAPID SPILL RESPONSE: Emergency Number: 0800 775 3305
GRIFFON POISON CENTRE: Emergency Number: 082 446 8946

WARNINGS

- GHS Hazard statements

Harmful if swallowed Very toxic to aquatic life with long lasting effects
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- Harmful if swallowed. In case of poisoning, call a doctor and show this label to him / her.
- Store under lock and key in a cool place away from food, feed, seed, fertilizers, or other agricultural remedies.
- Keep out of reach of children, animals, and uninformed people.
- Avoid eye and skin contact.
- **Re-entry:** Do not enter the treated area within 1 day unless wearing protective clothing.

DISCLAIMER

Although this remedy has been extensively tested under a large variety of conditions, the registration holder does not warrant that it will be effective under all conditions. The activity 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 weed against the remedy, 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 herbicide concerned due to failure by 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

- GHS Precautionary statements

If medical advice is needed, have product container or label at hand. Keep out of reach of children. Read carefully and follow all instruction. Wash hands thoroughly after handling Do not eat, drink, or smoke when using this product. Avoid release to the environment. IF SWALLOWED - Get emergency medical help. Rinse mouth. Collect spillage. Dispose of contents/container in accordance with local / regional / national / international regulations.
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- Do not inhale the spray mist.
- Avoid contact with the skin, eyes, and clothing.
- In the case of contamination, flush immediately with water.
- Wash with soap and water directly after use, or in the case of skin contact.
- Do not smoke, eat, or drink whilst handling this product, or before washing hands and face and changing clothes.
- Prevent contamination of food, feed, drinking water as well as eating utensils.
- Wash contaminated clothing daily.
- Do not apply where the roots of any desirable plants may absorb the product.
- Invert the empty container over the spray or mixing tank and allow to drain for at least 30 seconds

after the flow has slowed to a drip. Thereafter rinse the empty container three times with a volume of water equal to a minimum of 30% of that of the container. Add the rinsate to the contents of the spray tank. Destroy the empty container by perforation and flattening and do not use for any other purpose. Store appropriately until it can be taken to a waste treatment facility authorised to destroy waste in terms of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) and the relevant waste management regulations for disposal. Empty containers and products should not be burnt.

- Avoid spray drift onto other crops, grazing, rivers, dams, or other areas not under treatment.
- Clean all equipment thoroughly following use and dispose of the wash water where it will not pollute the environment. Empty containers should be disposed of in approved pesticide incinerators.

RELEVANT SUBSTANCES

Chemical name	Concentration of hazardous ingredient in composition	CAS No.	Classification according to Regulation EC 1272/2008 (CLP)
Tebuthiuron	≥ 50%	34014-18-1	Acute Tox. Oral Cat. 4. Aquatic Acute Cat. 1 Aquatic Chronic Cat. 1
Monoethylene Glycol	≥ 4% - <5.5%	107-21-1	Acute Tox. Oral: Cat 4.

FIRST AID

Ingestion: Transient leg weakness, hypoactivity and poor grooming.

Inhalation: Transient hypoactivity, dyspnoea and hyperpnea.

Provide medical personnel with the container label, product name or safety data sheet (SDS) when seeking medical attention.

Ingested: Call a physician or poison control centre. Get patient to drink 1 – 2 glasses of water if able and conscious. Induce vomiting by touching the back of the throat. If the patient is unconscious, do not induce vomiting. Do not give anything by mouth to an unconscious patient.

Skin contact: Wash with plenty of soap and clean water. Seek medical assistance if irritation persists.

Eye contact: Flush with plenty of clean water for at least 15 minutes. Remove contact lenses. Seek medical assistance if irritation persists.

Inhaled: If discomfort is experienced, move the patient to fresh air. If breathing difficulty occurs, seek medical assistance.

Treat symptomatically.

NOTICE TO USER

This agricultural remedy is to be used only in accordance with the instructions on this label. It is an offence under the Act to use this product in a manner contrary with the directions on the label.

RESISTANCE WARNING STATEMENT

For resistance management, **CapaciT** is a group code 5 herbicide. Any weed population may contain individuals naturally resistant to **CapaciT** 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 **CapaciT** 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 registered 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.

The presence of resistant weeds is difficult to detect prior to use and, therefore, neither the Registration Holder nor the Distributor can accept responsibility for any losses as a result of **CapaciT** not controlling resistant weeds. Do not apply **CapaciT** alone in situations where weed resistance has been confirmed. Sub-standard application of **CapaciT** will lead to inferior weed control and may assist in development of herbicide resistance. It is of the utmost importance to inspect treated areas at regular intervals in order to identify the occurrence of herbicide-resistant weeds timeously.

MODE OF ACTION

CapaciT is a systemic soil herbicide, absorbed mainly by the roots, with ready translocation. It is a photosynthetic electron transport inhibitor at the photosystem II receptor site.

USE RESTRICTIONS

- **CapaciT** should not be used in areas near trees or other desirable plants, or where their roots are present, as **CapaciT** may leach into the root zone of these plants and cause severe injury or death of these plants.
- Do not apply to any crop or situation not mentioned in this label.
- Do not apply this product in combination or tank mixture with any other product or agricultural remedy which is not specifically listed on this label. Agritech Bioscience (Pty) Ltd. accepts no responsibility for any negative effects experienced if the instructions on this label are not adhered to, unless an Agritech Bioscience (Pty) Ltd. representative was consulted beforehand.
- By buying this product, the buyer undertakes that the user is fully aware of and suitably trained on the hazards associated with the preparation and use of this product. By selecting this product voluntarily, the user assumes responsibility for his or her own personal protection whilst storing, mixing, and applying the product in the approved manner according to the instructions for use. The user also confirms to have consulted the SDS of this product and he/she is aware of the potential health hazards which could arise out of use and misuse of this product. Users are encouraged to keep records of all procedures followed and which personal protection equipment was used at all times. All personal protection equipment used must be kept clean and in good working order according to the manufacturer's specifications. The registration holder does not accept any responsibility for any adverse effects whatsoever resulting from improper use of this product or the use of unsuitable personal protection equipment. The user has selected to use this product at his/her own free will and risk.

DIRECTIONS FOR USE - Use only as directed.

Read all the instructions carefully before application. Although **CapaciT** may be applied at any time of the year, treatments only become effective once sufficient rainfall has leached the chemical into the root zone where it can be taken up by the target plant. It is, therefore, recommended to apply **CapaciT** just before, or at the beginning of the rainy season in order to obtain the best results. **CapaciT** is slow acting and susceptible species may take up to 24 months to die, depending on the soil texture, species, and effective rainfall.

During this period, the treated plants should exhibit repeated yellowing, defoliation, and re-growth with progressive die-back until death occurs. Therefore, a second application is not recommended within 24 months or until the symptoms of defoliation no longer occur.

Although **CapaciT** is not normally prone to excessive leaching, some product loss may occur in conjunction with abnormally high rainfall which may influence efficacy due to product loss.

MIXING INSTRUCTIONS

The mixture to be used is dependent on the species to be treated. Refer to the recommendations below in order to determine the mixture to be used.

This product must be mixed as follows:

Empty the entire quantity of **CapaciT** to be prepared into a suitable container and stir thoroughly while adding water. Agitate the mixture thoroughly and then pour into the applicator tank. Shake the tank occasionally while application is in progress in order to prevent the product from settling on the bottom of the tank.

APPLICATION METHODS

Ensure that the equipment is correctly calibrated and is checked regularly during application to ensure even and accurate application.

For ease and accuracy of application, the use of an automatic vaccinator or a similar applicator is recommended. The applicator should be calibrated to deliver 2 ml at a time. Using the recommended mixture, apply one or more applications to the soil at the base of the stem of the target plant. When more than one application is applied, place the applications evenly around the base of the stem.

Maintain constant agitation.

Tank mixtures must be sprayed out immediately and not allowed to stand in the spray tank for more than 6 hours after mixing. Spraying equipment must be thoroughly flushed out at the end of the spraying operation.

RECOMMENDATIONS

The recommended application rates indicated in the table below may be reduced on very shallow, light, or gravelly soils with a low adsorption capacity.

On soils with an organic matter content of above 5%, the recommended application rate should be doubled.

Refer to the specific recommendations for multi-stemmed trees.

Always consult your supplier regarding applications under the above-mentioned circumstances, as well as in events where deep sandy soils occur or where the clay content exceeds 40%.

Weed species	Common name	Mixture of CapaciT and water	Number of doses (2 mℓ) per Tree or Bush according to size			
			Seedlings	Up to 1 meter	1-2 meters	Each additional meter above 2 metres
<i>Acacia mearnsii</i>	Black wattle	1.5 ℓ + 2.25 ℓ water	1	2	3 - 4	2 (max 8 doses)
<i>Or 1-2 doses per square meter</i>						
<i>Senegalia erubescens</i>	Blue thorn	1.5 ℓ + 8.5 ℓ water	1	2	3 - 4	2
<i>Or 1-2 doses per square meter</i>						
<i>Vachellia karroo</i>	Sweet thorn	1.5 ℓ + 8.5 ℓ water	1	2	3 - 4	2
<i>Senegalia mellifera</i> *	Black thorn					
<i>Senegalia nigrescens</i>	Knob thorn					
<i>Vachellia tortilis</i>	Umbrella thorn					
<i>Colophospermum mopane</i>	Mopane					
<i>Dichrostachys cinerea</i>	Sickle bush					
<i>Grewia bicolor</i> *	Bastard Brandy bush					
<i>Prosopis glandulosa</i> * (only on soils <20% clay)	Mesquite					
<i>Stoebe vulgaris</i>	Bankrupt bush					
<i>Terminalia sericea</i>	Silver terminalia					
<i>Ziziphus mucronata</i>	Buffalo thorn					

MULTI-STEMMED TREES

*Multi-stemmed trees require a higher application rate than single-stemmed trees (e.g., *Senegalia mellifera*, *Grewia* spp.). Apply up to double the recommended rate depending on the bulk of the tree. For *T. camphoratus* apply one dose per main stem (diameter equal to and above 20 mm)

** For *Prosopis* spp. the rate of application should be doubled for all plants with 3 or more stems. Such trees (3 or more stems) should receive two doses of 2 mℓ each, for each 0.5 m in height. Treat only trees up to 2 m high. Do not use **CapaciT** on soils containing more than 20% clay when *Prosopis* spp. is treated. On soils with a densely compacted crust, the top layer should be broken mechanically, using a suitable instrument, and the product applied directly into the hole in order to allow for penetration of the product.

Solitary trees may need a higher dosage than those growing in close proximity. For the latter, it is generally unnecessary to apply more than a maximum of 8 doses per tree, provided that the separating distances do not exceed 2 – 3 metres.

Depending on weather conditions, the accuracy of the application etc. follow-up applications may be needed after 24 months, or once defoliation symptoms no longer occur.

Broadcast applications

Weed species	Common name	Dosage: CapaciT	Remarks
<i>Stoebe vulgaris</i>	Bankrupt bush	2 l / ha	Apply using an accurately calibrated tractor mounted boom sprayer. Use 100 – 150 l of water / ha. The spacing between the nozzles on the boom should be 50 cm. Use the Teejet Flow Regulator CP4916-32 or CP4916-32 type nozzles to apply CapaciT . The tractor speed should be 5 km / h (83.3 metres / minute) during application. Apply during spring or summer. Any fire may have a detrimental effect on the product, particularly if it occurs before rain has washed the product into the soil. Follow-up treatments may be needed but should not take place within the 12 months of the initial application.

CapaciT controls the above-mentioned weed species as indicated. Other weed species that were not present in the development trials of this product may also be controlled to a certain degree. The registration holder accepts no responsibility for unlisted weeds.