



CAPACIT GG

Reg. No./Nr. L 9695, Act/Wet No./Nr. 36 Of/Van 1947
N – AR 1592, W 130938

GROUP 5 HERBICIDE

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

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

'n Grondtoegediende korrelonkruiddoder vir die beheer van sekere boom-en bosspesies soos aangedui.



WARNING

Hazard Statements

Very toxic to aquatic life with long lasting effects

Precautionary Statements

Avoid release to the environment.

IF SWALLOWED: Get medical help

Collect spillage.

Active ingredient/Aktiewe bestanddeel

200 g/kg Tebuthiuron (Urea) 200 g/kg Tebutiuron (Ureum)

Net volume kg Netto volume

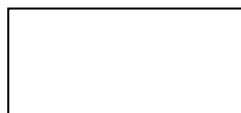
REGISTRATION HOLDER / REGISTRASIEHOUER:

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).....



UN No. 3077

..... Lot Nr.

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



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

Very toxic to aquatic life with long lasting effects.

- 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, or fertilizers.
- Keep out of reach of children, animals, and uninformed people.
- Avoid eye and skin contact as well as contact with clothing.
- May cause eye and skin irritation.
- Do not contaminate any area other than the target area with **CapaciT GG**.
- **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.

Avoid release to the environment.

IF SWALLOWED - Get medical help.

Collect spillage.

Dispose of contents/container in accordance with local / regional / national / international regulations.

- Do not inhale dust.
- Avoid contact with the skin, eyes, and clothing.
- Gloves and a face shield must be worn when handling granules.
- In the case of contamination, flush immediately with water.
- Wash with soap and water directly after use or 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, eating utensils, other pesticides, fertilizers or seed.
- Wash contaminated clothing daily.
- Do not apply where the roots of any desirable plants may absorb the product.
- Avoid 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 or non-target areas.
- Invert the empty container over the applicator. 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.
- The residual action of **CapaciT GG** in the treated area may be impaired if fire occurs within 36 months of application.

RELEVANT SUBSTANCES

Chemical name	Concentration of hazardous ingredient in composition	CAS number	Classification according to Regulation EC 1272/2008 (CLP)
Tebuthiuron	≥ 20%	34014-18-1	Acute Tox. Oral: Cat. 4. Aquatic Acute Cat. 1 Aquatic Chronic Cat. 1

FIRST AID

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

General Information: Remove patient from exposed area. Never give fluids or induce vomiting if patient is unconscious or is having convulsions.

Inhalation: Remove victim to fresh air. Keep patient calm. Monitor for respiratory distress. If a cough or breathing difficulty develops, evaluate for respiratory tract irritation, bronchitis, or pneumonitis. Seek medical attention if irritation develops or persists.

Skin contact: Immediately remove contaminated clothing and flush body and clothes with large amounts of water. Wash thoroughly with soap and water (including hair, skin, and fingernails) Wash contaminated clothing before re-use. Seek medical assistance if irritation persists. Persons providing first aid must wear gloves to avoid self-contamination.

Eye contact: Flush eyes with plenty of clean, room temperature water for at least 15 minutes holding eyelids open. Remove contact lenses. Call a doctor for treatment advice. Obtain medical attention immediately if irritation persists. If irritation, pain, swelling, lacrimation, or photophobia persists after 15 minutes of irrigation, an ophthalmologic examination must be performed.

Ingestion: Seek medical attention. Do not induce vomiting unless instructed to do so by a medical practitioner. Never induce vomiting or give anything by mouth to a victim who is unconscious or is having convulsions.

No specific antidote known. Treat symptomatically and supportively. Danger of lung aspiration should be weighed against toxicity when considering emptying the stomach.

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 GG** is a group code 5 herbicide. Any weed population may contain individuals naturally resistant to **CapaciT GG** 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 GG** 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 GG** not controlling resistant weeds. Do not apply **CapaciT GG** alone in situations where weed resistance has been confirmed. Sub-standard application of **CapaciT GG** 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 GG 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 GG** should not be used in areas near trees or other desirable plants, or where their roots are present, as **CapaciT GG** may leach into the root zone of these plants and cause severe injury or death of these plants.
- Do not apply **CapaciT GG** under conditions which will cause pellet movement to non-target areas. Do not apply **CapaciT GG** as an aerial application more than once a year in the same area.
- Do not apply to any crop or situation not mentioned in this label.
- 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.
- 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 representative was consulted beforehand.

DIRECTIONS FOR USE - Use only as directed.

Read all the instructions carefully before application. Although **CapaciT GG** 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 GG** just before, or at the beginning of the rainy season in order to obtain the best results. Susceptible species should die within 36 months after application, 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.

Although **CapaciT GG** 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.

CapaciT GG may cause injury to annual grasses and seedling grasses with slight injury to established perennial grasses. These symptoms should be transient in nature and grass production will usually increase as the tree and shrub competition is reduced.

CapaciT GG is applied as a management tool to control bush encroachment to the extent that the grass can recover and enable proper veld management. Follow-up treatment, especially on seedlings and re-growth is essential for the maintenance of vigorous grasslands which prevent the re-encroachment of woody plants.

Increased grass production is dependent on an acceptable grazing management programme and adequate rainfall.

It is essential to allow grasses to seed and to allow the seedlings to become established following treatment before grazing the treated area.

APPLICATION METHODS

Hand application:

Weigh out the recommended quantity of **CapaciT GG** and distribute it evenly over the canopy of the target plant. The treatment must be applied to the area where the feeder roots are located.

A minimum of 1 m² per 2 m plant height must be treated.

Aerial application:

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

Aerial application of **CapaciT GG** may only be carried out by fixed wing aircrafts fitted with specially designed application apparatus. For more information, contact your supplier or the registration holder.

The application rates vary according to species and clay content of the soil (Refer to the tables below).

IMPORTANT:

Do not apply **CapaciT GG** during rainy conditions, or when the wind speed exceeds 20 km/h.

A minimum flying height of 20 metres above the canopy of the target plants must be maintained.

The swath width depends on the type of spreader used.

The target area must be correctly marked out and the markers used must be clearly visible to the operator.

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.

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%.

Hand application

Species	Common name	Dosage in gram/ TREE up to 2 metre height Soil clay content	
		0-20%	21-35%
<i>Senegalia erubescens</i>	Blue thorn	2.0	4.0
<i>Vachellia karroo</i>	Sweet thorn	1.5	3.0
<i>Senegalia mellifera</i>	Black thorn	1.5	2.0
<i>Vachellia tortilis</i>	Umbrella thorn	1.5	3.0
<i>Colophospermum mopane</i> *	Mopane	2.0	4.0
<i>Dichrostachys cinerea</i> *	Sickle bush	3.0	6.0
<i>Grewia bicolor</i>	Bastard raisin	2.0	4.0
<i>Stoebe vulgaris</i>	Bankrupt bush	1.5	3.0
<i>Terminalia sericea</i>	Silver cluster-leaf	2.5	-
<i>Ziziphus mucronata</i>	Buffalo – thorn	3.75	-

NOTE:

The above dosages are only applicable to plants of up to 2 metres in height. For each additional 2 metres height of target plants, an additional dosage must be applied.

*Will require a follow-up spot treatment.

NB: Do not apply to soils with an organic matter content of over 10% or to soils of above 35% clay. Do not exceed the recommended dosage rates.

Aerial application

For adequate control of the following plant species, to ensure optimum grass production, **CapaciT GG** is recommended for aerial application as indicated below:

Species	Common name	Dosage in kg/ha % Soil clay content		
		3-10	11-15	16-20
<i>Senegalia erubescens</i>	Blue thorn	3.0	4.0	5.0
<i>Vachellia karroo</i>	Sweet thorn	3.0	4.0	5.0
<i>Senegalia mellifera</i>	Black thorn	❖ 2.5-3.0	❖ 3.5-4.0	5.0
<i>Vachellia tortilis</i>	Umbrella thorn	3.0	4.0	5.0

<i>Colophospermum mopane</i>	Mopane	3.0	4.0	5.0
<i>Stoebe vulgaris</i> *	Bankrupt bush	4.0	5.0	5.0
<i>Terminalia sericea</i>	Silver cluster-leaf	3.0	❖ 3.5-4.0	5.0
<i>Ziziphus mucronata</i>	Buffalo - thorn	3.0	4.0	5.0

*Species that will require a follow – up spot treatment.

- ❖ The lower dosage rate is only recommended on shallow soils with a lime or stone bedrock

NOTE (FOR HAND AND AERIAL APPLICATION)

1. Seedlings of the above-mentioned plants may need a follow-up spot treatment.
2. Where *Grewia flava* (Wild raisin) is an important component of the pasture, the aerial application of **CapaciT GG** is not recommended.

CapaciT GG 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.