

CAPACIT GG

Reg. No. / Nr L9695 Act No. 36 of 1947 / Wet Nr 36 van 1947
N-AR 1529; W130938

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.

Active Ingredient / Aktiewe Bestanddeel

Tebuthiuron contains 200 g a.i. per kg Tebutiuron
(Urea) (Ureum)



Hazard Statements

Very toxic to aquatic life
with long lasting effects.

Precautionary Statements

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

WARNING



REGISTRATION HOLDER / REGISTRASIEHOUER:

Agritech Bioscience (Pty) Ltd / (Edms) Bpk t/a Carabiner
Reg. No. 2008/004392/07
6 Antwerp Street, Apex, Benoni,
1540
South Africa / Suid-Afrika



Batch No./Date manufactured/Expiry date: Refer to
details printed on container

UN No. / VN Nr. 3077

Net volume kg Netto Volume

In case of poisoning, call the following numbers:

Poisons Information Helpline: +27 861 555 777
EMERGENCY NUMBER: +27 82 446 8946

WARNINGS

- GHS Hazard statements

Very toxic to aquatic life with long lasting effects.

- 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.
- **In case of poisoning immediately call a physician and make this label available to him/her.**

DISCLAIMER

Although this remedy has been tested under a large variety of conditions, the registration holder does not warrant that it will be effective 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 the 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 herbicide concerned due 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 instructions.
Avoid release to the environment.
IF SWALLOWED: Get medical help.
Collect spillage.
Dispose of contents/container in accordance with national regulations.

- OPERATOR PROTECTION
 - Handle with care.
 - Do not inhale dust.
 - Avoid skin and eye contact by wearing rubber gloves and face shield when handling the product.
 - Wash with soap and water after use and accidental skin contact as well as contact with contaminated clothing.
 - Should eye contact occur, flush the eyes with plenty of clean water for 15 minutes holding eyelids open. Remove contact lenses after 1-2 minutes of irrigation. **Seek medical attention.**
 - Do not smoke, eat, or drink whilst handling this product or before washing hands and face and changing clothes.
 - Wash contaminated clothing after use.
- ENVIRONMENTAL PROTECTION
 - Do not contaminate dams, rivers, lakes, or any other water sources.

- Do not apply where the roots of any desirable plants may absorb the product.
 - Prevent spray drift onto other non-target vegetation, crops, grazing, rivers, dams, or areas not under treatment.
 - Clean the applicator directly after use. Dispose of the rinsate where it will not contaminate crops, grazing, rivers, dams, and boreholes.
 - The residual action of **CAPACIT GG** in the treated area may be impaired if fire occurs within 36 months of application.
- **STORAGE AND DISPOSAL**
 - Store under lock and key in the original container in a cool, dry place out of direct sunlight.
 - Store away from food, feed, fertilizer, and seed.
 - **KEEP OUT OF SIGHT AND REACH OF CHILDREN**, uninformed persons, untrained personnel, unauthorised personnel and animals.
 - Do not allow access to this product by children, uninformed persons, untrained personnel, unauthorised personnel, or animals under any circumstances.
 - Prevent contamination of food, feed, drinking water, eating utensils, other pesticides, fertilizers or seed.
 - Containers and packages must be completely emptied before disposal.
 - **CLEAN THE EMPTY BAG AS FOLLOWS:** Shake all the pesticide formulation out of the bag into the spray or mixing tank. Turn the bag inside out. Hold the bag over the spray or mixing tank and rinse the bag with running water for thirty seconds. Shake the rinsate off into the tank. Repeat the rinsing twice. Cut the bag into pieces 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 product should not be burnt. Do not bury, burn or donate the bag to any other parties that may use it as a container for foodstuffs.
 - **DO NOT REUSE THE EMPTY BAG FOR ANY OTHER PURPOSE.**

RELEVANT SUBSTANCES

Hazardous Ingredient	Concentration (w/v)
Tebuthiuron	≥ 20%

FIRST AID TREATMENT

If medical advice is needed, have product container or label at hand. Provide medical personnel with the container, label 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: Move person to fresh air. If person is not breathing, call an emergency responder or ambulance, then give artificial respiration; if by mouth to mouth use rescuer protection (pocket mask etc). **Seek medical attention.**

Skin contact: Contaminated clothing and shoes should immediately be removed, and the body, clothes and shoes should be flushed with large amounts of water. Wash thoroughly with plenty of water. Wash contaminated clothing before re-use. Persons providing first aid must wear gloves to avoid self-contamination. **Seek medical attention.**

Eye contact: Flush eyes immediately with plenty of clean, room temperature water for at least 15 minutes holding eyelids open. Remove contact lenses, if present, after the first 1-2 minutes, then

continue rinsing eyes. **Seek medical attention.**

Ingestion: Rinse mouth immediately with clean water and have the patient sip a glass of water if the patient is alert and able. Do NOT induce vomiting unless instructed to do so by a medical professional. Never induce vomiting or give anything by mouth to a victim who is unconscious or is having convulsions. **Seek medical attention.**

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

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. Large numbers of healthy surviving weeds can be an indication that resistance is developing. Efforts should be taken to prevent seed set of these survivors.
- Integrate other control methods (chemical, cultural, biological) into weed control programmes.
- Refer to the Herbicide Resistance Action Committee for information regarding any applicable resistance management of group 5 herbicides at <https://hracglobal.com/> for more information.
- Avoid distribution of the resistant species to adjacent fields by implements during the cultivation period.

As the occurrence of resistance cannot be forecast, users are advised to keep all treated weeds under close observation. If the treatment is not effective following the use of **CAPACIT GG** as recommended, a resistant strain may be present. If a resistant strain is positively identified, consideration should be given to the prompt use of a herbicide with a different mode of action against which no record of resistance exists.

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.

DIRECTIONS FOR USE - Use only as directed.

NOTICE TO USER: This agricultural remedy is to be used only in accordance with the instructions on the label. It is an offence under Act No. 36 of 1947 to use this agricultural remedy for any purpose in any manner contrary to the directions on the label.

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 weed. 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 weeds 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.

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 weeds.

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.

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 G** 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. Agritech Bioscience (Pty) Ltd, t/a Carabiner accepts no 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, t/a Carabiner accepts no responsibility for any negative effects experienced if the instructions on this label are not adhered to, unless a Carabiner representative was consulted beforehand.

APPLICATION INSTRUCTIONS

HAND APPLICATION

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

A minimum of 1 m² per 2 m weed 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 weeds 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.

GENERAL INFORMATION (FOR HAND AND AERIAL APPLICATION)

1. Seedlings of the below-mentioned weeds 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.

APPLICATION RATES

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%.

TABLE 1: HAND APPLICATION

SPECIES	DOSAGE IN GRAM/TREE UP TO 2 METRE HEIGHT	
	SOIL CLAY CONTENT	
	0-20%	21-35%
Bankrupt bush (<i>Stoebe vulgaris</i>)	1.5	3.0

Bastard raisin (<i>Grewia bicolor</i>)	2.0	4.0
Black thorn (<i>Senegalia mellifera</i>)	1.5	2.0
Blue thorn (<i>Senegalia erubescens</i>)	2.0	4.0
Buffalo – thorn (<i>Ziziphus mucronate</i>)	3.75	-
Mopane* (<i>Colophospermum mopane</i>)	2.0	4.0
Sickle bush* (<i>Dichrostachys cinerea</i>)	3.0	6.0
Silver cluster-leaf (<i>Terminalia sericea</i>)	2.5	-
Sweet thorn (<i>Vachellia karroo</i>)	1.5	3.0
Umbrella thorn (<i>Vachellia tortilis</i>)	1.5	3.0

*Will require a follow-up spot treatment.

NOTE:

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

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.

TABLE 2: AERIAL APPLICATION

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

SPECIES	DOSAGE IN KG/HA		
	SOIL CLAY CONTENT		
	3-10%	11-15%	16-20%
Bankrupt bush* (<i>Stoebe vulgaris</i>)	4.0	5.0	5.0
Black thorn (<i>Senegalia mellifera</i>)	❖ 2.5-3.0	❖ 3.5-4.0	5.0
Blue thorn (<i>Senegalia erubescens</i>)	3.0	4.0	5.0
Buffalo - thorn (<i>Ziziphus mucronate</i>)	3.0	4.0	5.0
Mopane (<i>Colophospermum mopane</i>)	3.0	4.0	5.0
Silver cluster-leaf (<i>Terminalia sericea</i>)	3.0	❖ 3.5-4.0	5.0
Sweet thorn (<i>Vachellia karroo</i>)	3.0	❖ 4.0	5.0
Umbrella thorn (<i>Vachellia tortilis</i>)	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.

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.