



SAVANNA 200 GR

Reg. No. L10983, Act No. 36 of 1947 | Reg. Nr. L10983, Wet Nr. 36 van 1947

A soil applied granular herbicide with long residual action for the control of certain tree and shrub species in pastures and on industrial sites.

'n Grondtoediening het korrelagtige onkruidodder met lang nawerking vir die beheer van sekere boom- en struiksoorte in weidings en op industriële terreine.

HRAC HERBICIDES GROUP CODE C2 HRAC ONKRUIDDODEGROEP KODE

ACTIVE INGREDIENT | AKTIEWE BESTANDDEEL:

Tebuthiuron Tebuthiuron
200g/kg 200g/kg

Manufactured for and registered by/Vervaardig vir en geregistreer deur:

Sharda International Africa (PTY) LTD

Reg. No./Reg. Nr. 2010/002268/07

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BATCH NO. LOT NR.	
EXPIRY DATE VERVAL DATUM	

NET CONTENTS /
NETTO INHOUD

UN No./VN Nr. 3077



CAUTION
VERSIGTIG



Warnings

- Harmful if swallowed.
- Avoid contact with skin, eyes and clothing.
- May cause skin and eye irritation.
- Keep out of reach of children, uninformed persons and animals.
- Do not contaminate any area other than the target area with SAVANNA 200 GR.
- Store away from food and feed.

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 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 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 event of any uncertainty.

PRECAUTIONS

- Avoid inhalation of dust.
- Wear gloves and face shield when handling granules.
- In case of skin contact, flush skin immediately with water.
- Do not apply SAVANNA 200 GR to crops, near desirable trees or shrubs, or areas into which their roots may extend, or in locations where the chemical may leach into contact with the roots of desirable plants as death or severe injury may occur.
- Do not apply SAVANNA 200 GR under conditions which will cause pellet movement to non-target areas. Do not apply SAVANNA 200 GR as an aerial application more than once a year to the same area.
- All application equipment must be thoroughly cleaned and residues from cleaning must not come into contact with non-target areas.
- Destroy empty container and do not re-use.
- Do not contaminate water, food, and feed, eating utensils, other pesticides, fertilizer or seed with SAVANNA 200 GR.
- The residual action of SAVANNA 200 GR in the treated area may be impaired if fire occurs within 36 months of application.

DIRECTIONS FOR USE: Use only as directed

- Read all instructions carefully before applying.
- SAVANNA 200 GR may be applied at any time of the year due to its stability.
- Treatments become effective only after sufficient rainfall has leached the chemical into the root zone where it is taken up by the target plant.
- Although SAVANNA 200 GR is not normally prone to excessive leaching, product loss may occur in conjunction with abnormally high rainfall which may influence efficacy due to product loss.
- Applications prior to or during the rainy season will induce the most rapid response.
- Susceptible species will die within 36 months or less, depending on soil texture, species and effective rainfall.
- During this period, plants will exhibit repeated yellowing, defoliation and regrowth with progressive die-back until death occurs.
- SAVANNA 200 GR may cause injury to annual grasses and seedling grasses with slight injury to established perennial grasses.
- This injury will be of a temporary nature and grass production will usually increase as tree and shrub competition is reduced.
- SAVANNA 200 GR is applied as a management tool to break the grip of bush encroachment to such an extent that the grass can recover and to enable proper veld management. Follow-up treatment, especially on seedlings and regrowth, is essential for the maintenance of vigorous grasslands which prevent the re-encroachment of woody plants.
- Increased grass production is dependent on adequate rainfall and an acceptable grazing management programme.
- It is imperative to allow grasses to seed and to allow seedlings to become established after treatment before grazing the treated area.

APPLICATION METHODS

- Hand application: Weigh out the recommended quantity of SAVANNA 200 GR and distribute evenly under the canopy of the target plant. Treatment must be applied to the area where feeder roots are located.
- A MINIMUM OF 1 SQUARE METRE PER 2 METRES PLANT HEIGHT MUST BE TREATED.
- Aerial application: Aerial application of SAVANNA 200 GR can only be carried out by fixed wing aircraft fitted with the specially designed application apparatus. Contact your supplier or the registration holder for more information.
- Application rates vary according to species and clay content of the soil. (Refer to tables below), as well as area where situated.

IMPORTANT

- Do not apply SAVANNA 200 GR during rainy conditions, or when 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 is dependent upon the type of spreader used.
- The target area must be correctly marked out and the markers used must be clearly visible to the operator.

APPLICATION RATES**Hand application:**

SAVANNA 200 GR is recommended for the control of the following species at the rates indicated:

SPECIES	COMMON NAME	DOSAGE IN g/TREE UP TO 2 METRE HEIGHT	
		SOIL CLAY CONTENT	
		0 - 20 %	21 - 35 %
<i>Acacia karroo</i>	Sweet thorn	1.5	3.0
<i>Acacia mellifera</i>	Black thorn	1.5	2.0
<i>Dichrostachys cinerea</i>	Sickle bush	3.0	6.0
<i>Seriphium plumosum</i>	Snake Bush or Grey Bush	1.5	3.0
<i>Terminalia sericea</i>	Silver cluster-leaf	2.5	-
<i>Acacia saligna</i>	Port Jackson willow	2.0	4.0
<i>Stoebe vulgaris</i>	Bankrupt bush	1.5	3.0
<i>Grewia flava</i> *	Wild raisin	2.0	4.0
<i>Rhigozum trichotomum</i>	Drie doring	1.5	-
<i>Ziziphus mucronate</i>	Buffalo-thorn	2.0	4.0
<i>Acacia erubescens</i>	Blue thorn	2.0	4.0
<i>Acacia luederizii var.</i>	Bastard umbrella thorn	2.0	4.0
<i>Alhagi camelorum</i>	Camel thorn bush	2.0	4.0
<i>Acacia hebeclada subsp.</i>	Weeping candle thorn	2.0	4.0
<i>Grewia bicolor</i> *	Bastard raisin	2.0	4.0
<i>Colophospermum mopane</i> *	Mopane	2.0	4.0

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.

* Species will require a follow-up spot treatment

IMPORTANT: 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.

Prosopis spp.

SPECIES	COMMON NAME	DOSE	
		Tree Height (m)	Dose (g)
<i>Prosopis spp.</i>	Mesquite	Seedlings <0.5m	2g
		0.5-1.0m	4g
		1-1.5m	6g
		1-2m*	8g

Aerial application:

For adequate control of the following plant species, to ensure optimum grass production, SAVANNA 200 GR is recommended for aerial application as shown below:

SPECIES	COMMON NAME	SAVANNA 200 GR dosage in gram / diameter of plant base				
		Diameter up to 0.25m	Diameter 0.25 – 0.5m	Diameter 0.5 – 1.0m	Diameter 1.0 – 1.5m	Diameter >1.5m
<i>Asparagus laricus</i>	Wild asparagus	6g	12g	18g	24g	24g

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

- The lower dosage rate is only recommended on shallow soils with a lime or stone bed-rock.
- IMPORTANT** (For both hand and aerial application):
 1. Seedlings of the above mentioned plants may require a follow-up spot treatment.
 2. Where *Grewia flava* (Wild raisin) is an important component of the pasture, the aerial application of SAVANNA 200 GR is not recommended.

SPECIES	COMMON NAME	DOSAGE IN kg/ha SOIL CLAY CONTENT		
		3-10 %	11-15 %	16-20 %
<i>Acacia karroo</i>	Sweet thorn	3.0	4.0	5.0
<i>Terminalia sericea</i>	Silver cluster-leaf	3.0	3.5-4.0	5.0
<i>Stoebe vulgaris</i> *	Bankrupt bush	4.0	5.0	5.0
<i>Grewia flava</i>	Wild raisin	3.0	3.5-4.0	5.0
<i>Rhigozum trichotomum</i>	Driedoring	2.0-3.0		
<i>Ziziphus mucronate</i>	Buffalo-thorn	3.0	4.0	5.0
<i>Acacia luederizii var.</i>	Bastard umbrella thorn	3.0	4.0	5.0
<i>Colophospermum mopane</i>	Mopane	3.0	4.0	5.0
<i>Ziziphus mucronata</i>	Blinkblaar-wag-'n-bietjie	3.0	4.0	5.0