

BEFORE USING THIS PRODUCT, READ THE LABEL CAREFULLY. KEEP OUT OF REACH OF CHILDREN AND ANIMALS.

Herbicide



TERBUWEED 600 WDG

Reg. No. L 8800 Act No. 36 of 1947

4-25/7/2022 – Nov2022

A water dispersible granule herbicide used for selective control of most annual broadleaf weeds, as well as Goose grass in crops as indicated.

ACTIVE INGREDIENT

terbutylazine (triazine)

600 g/kg

GROUP

5

HERBICIDE



WARNING

Hazard Statements:

Harmful if swallowed.
May be harmful in contact with skin.
May cause damage to organs through prolonged or repeated exposure.
Very toxic to aquatic life.
Very toxic to aquatic life with long lasting effects.

Precautionary Statements:

Wash hands and face thoroughly after handling.
IF SWALLOWED: Get medical help.
Avoid release to the environment.

kg

villa



UN Number: 3077

Registration holder: VILLA CROP PROTECTION (PTY) LTD.

Co. Reg. No. 1992/002474/07

P.O. Box 10413, Aston Manor, 1630

Tel. (011) 396 2233

Website: www.villacrop.co.za

24 HR EMERGENCY NUMBERS:

Griffon Poison Centre: +27 82 446 8946

24 HR Transport / Spill Emergency no: (Hazcall24) +27 86 044 4411

(Client: Villa Crop Protection)

DIRECTIONS FOR USE ENCLOSED

Batch Number:

Date of Manufacture:

REFER TO DETAILS AS PRINTED ON CONTAINER / BAG

TERBUWEED 600 WDG
Reg. No. L 8800 Act No. 36 of 1947
HRAC HERBICIDE GROUP CODE: 5

ACTIVE INGREDIENT:

terbuthylazine (triazine)600 g/kg

Registration holder:

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Co. Reg. No. 1992/002474/07

P.O. Box 10413, ASTON MANOR, 1630,

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WARNINGS

Withholding periods:

Allow the following number of months between the last application and harvest of the crops listed below:	
a) Maize and Sugarcane	None
b) Grain Sorghum	12 months
c) Sunflowers, Groundnuts, Soybeans, Potatoes, Dry Beans, Forage Sorghum and Small Grains	18 months
d) All other Crops (a test planting is recommended)	24 months

IMPORTANT NOTES ON MRL'S:

IN THE CASE OF CROPS INTENDED FOR EXPORT, CONFIRM WITHHOLDING PERIODS WITH THE RELEVANT EXPORT ORGANISATION. IF THIS PRODUCT IS USED ACCORDING TO THE RECOMMENDATIONS ON THIS LABEL, LOCAL MRL VALUES WILL NOT BE EXCEEDED. HOWEVER, VILLA CROP PROTECTION (PTY) LTD. CANNOT ACCEPT RESPONSIBILITY FOR EXPORTED FRUIT EXCEEDING THE IMPORT TOLERANCES OF OTHER COUNTRIES.

Hazard statements:

Harmful if swallowed.
May be harmful in contact with skin.
May cause damage to organs through prolonged or repeated exposure.
Very toxic to aquatic life.
Very toxic to aquatic life with long lasting effects.

IMPORTANT

- Handle with care.
- Mild irritant to eyes and skin.
- Store under lock and key in a cool, dry, well-ventilated place, away from food, feed, seed, fertilizers and other agricultural remedies.
- Keep out of reach of children, uninformed persons and animals.
- Re-entry: Do not enter treated area until spray deposit has dried unless wearing protective clothing.
- **In case of poisoning call a physician and make this label available to him/her.**

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. 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, 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

Precautionary statements:

Do not breathe dust, mist and spray.
Wash hands and face thoroughly after handling.

Do not eat, drink or smoke when using this product.
Avoid release into the environment.
IF SWALLOWED OR ON SKIN: Get medical help.
Get medical help if you feel unwell.
Rinse mouth.
Collect spillage.
Dispose of contents/container to suitable landfill in accordance with local regulations.

- Avoid contact with skin and eyes.
- Wear protective rubber gloves, rubber boots and a facemask when handling the concentrate and preparing the spray mixture.
- Wash contaminated clothing after use.
- Prevent drift onto other crops, grazing, rivers, dams and areas not under treatment or to nearby water sources.
- **Cleaning of application equipment:** Special attention and care must be taken with cleaning of all equipment used in the mixing and application of **TERBUWEED 600 WDG**, before using it for applications in other crops.
- **Product and container disposal:**
 - Dispose of surplus product in an incinerator or on a landfill site approved for pesticides.
 - Do not bury in, or spray onto, any area under agricultural use.
- Prevent contamination of food, feeds, drinking water and eating utensils.
- Destroy the container by perforation and flattening and dispose of it in a safe way.
- **Do not** re-use the empty container for any other purpose.

Relevant hazardous components	
Terbutylazine	60 %

FIRST AID MEASURES

Remove the victim from the area of exposure. Wash off remaining material with plenty of water. In the event of any complaints or symptoms, avoid further exposure.

Inhalation Remove person from contaminated area to fresh air and assist breathing as needed. Seek medical attention if irritation occurs.

Skin: Remove contaminated clothing and shoes. Gently wipe off excess chemical. Wash skin gently and thoroughly with water and non-abrasive soap. **Obtain medical attention.**

Eyes: Flush eyes with clean water for at least 15 to 20 minutes. Lift eyelids to facilitate irrigation. If present, remove contact lenses after five (5) minutes and continue rinsing. Obtain medical attention if irritation persists.

Ingestion: **Seek medical attention** or call a poison control centre for treatment advice. Do not induce vomiting unless instructed to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person. If the person is alert, rinse mouth thoroughly with water.

RESISTANCE WARNING

TERBUWEED 600 WDG is a group code 5 herbicide. Any weed population may contain individuals naturally resistant to **TERBUWEED 600 WDG** 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 **TERBUWEED 600 WDG** 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 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.

Mode of action:

Terbutylazine is a triazine selective systemic herbicide absorbed principally through the roots, but also through the foliage, translocated acropetally in the xylem and accumulated in the apical meristems and leaves.

USE RESTRICTIONS

- **TERBUWEED 600 WDG** can be used on its own or in tank mixtures with other herbicides as indicated on this label.

- If **TERBUWEED 600 WDG** is used in a tank mixture with other herbicides, consideration should also be given to the restrictions of those herbicides.
- Do not apply **TERBUWEED 600 WDG** to alkaline soils and/or shallow soils that are subject to waterlogging.
- **TERBUWEED 600 WDG** 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 **TERBUWEED 600 WDG** less than 18 months previously.
- **TERBUWEED 600 WDG** does not control established weeds or weeds that develop from underground vegetative material, e.g., rootstocks.

DIRECTIONS FOR USE: Use only as directed.

Compatibility:

- **TERBUWEED 600 WDG** is compatible with **Cantron® 480 SC/Astron® 480 SC (Mesotrione)**, **Platinum 960 EC/Metolachlor 960 EC**, **Platinum Plus 915 EC/Metolachlor 915 EC**, **Leap 840 EC/Premium 840 EC (Acetochlor)**, **Campatop 225 EC/Bromoxynil 225 EC**, **Halo 750 WDG/Crown 750 WDG (Halosulfuron)**, **Nicoron 750 WDG/Nicosulfuron 750 WDG**, **SKOFFEL® 200 SUPER (L 6328 / W 130059 / N-AR 1097) (Paraquat)**, **SUMMIT (L 8328)**, **Summit Super/Benefit Plus**, **Panga Plus 540 SL/Slash Plus 540 SL**, **Panga Turbo 450 SL/Slash Turbo 450 SL**, **Glygran 710 SG/Slash 710 SG**, **Transfer 700 WDG/Trade 700 WDG**, **Lotus 480 SL/Lexus 480 SL**, **Bendioxide 480 SL/Hornet 480 SL**, **Surflan 480 SC/Summon 480 SC**, **Velocity®-DryMax** and **Villa 51** as recommended on this label.
- The product may flocculate when tank mixed with **Paraquat**.
- The compatibility of **TERBUWEED 600 WDG** may be influenced by several factors. As factors influencing compatibility may vary, a physical compatibility test must always be performed before such tank mixture is sprayed.
- When **TERBUWEED 600 WDG** is used in conjunction with any other agricultural remedy, adhere to all **WARNINGS, PRECAUTIONS** and **DIRECTIONS FOR USE** mentioned on that label.

Mixing instructions:

- Half fill the spray tank with clean water.
- Pre-mix the required amount of **TERBUWEED 600 WDG** separately and then add through a 50-mesh sieve to the tank, while agitating.
- Fill the spray tank with water to the required level.
- When **TERBUWEED 600 WDG** is tank mixed with other pesticides, the **TERBUWEED 600 WDG** should be mixed first using a tank half filled with water and agitated well, after which the spray tank should be filled almost to capacity with water, followed by the other products.
- Maintain agitation during mixing and application.
- Prepared spray mixtures must not be left in the spray tank for any length of time, e.g., overnight.

APPLICATION

Ground application: Flat fan-type spray nozzles

TERBUWEED 600 WDG can be applied with any medium or high-volume sprayer, with efficient agitation, which is capable of adequate coverage and even distribution. Best results are obtained using flat fan-type spray nozzles and applying a minimum spray volume of 200 litres per hectare spray mixture.

APPLICATION RATES

1. MAIZE

1.1 PRE- AND/OR POST-EMERGENCE APPLICATION FOR CONTROL OF BROADLEAF WEEDS

- **TERBUWEED 600 WDG** can be applied on its own in maize pre-emergence, or post-emergence, following a pre-emergence application of a grass killer, for the control of broadleaf weeds.
- For optimum control, broadleaf weeds should not be beyond the 4-leaf stage or higher than 10 cm. When the maize is taller than 40 cm, a directed spray should be applied, to ensure proper coverage of the weeds.
- Apply 3.0 to 3.4 kg **TERBUWEED 600 WDG** per hectare. The addition of a **Villa** approved surfactant is recommended for post-emergence applications.

IMPORTANT

Do not exceed a total of 1.5 kg per hectare (1.0 kg active ingredient) if follow-up crops, sensitive to **Triazines**, are to be planted the next season. In such cases the addition of **2,4-D AMINE 480 SL** (L 4505 / W 130459 / N-AR 1086) or **Dicamba** herbicides is recommended to ensure broadleaf weed control at the reduced **TERBUWEED 600 WDG** dosage.

1.2 POST-EMERGENCE IN TANK MIXTURES WITH CANTRON® 480 SC FOR THE CONTROL OF BROADLEAF WEEDS

- **TERBUWEED 600 WDG** can be used post-emergence in maize in tank mixtures with **Cantron® 480 SC** or **Cantron® 480 SC** plus **Platinum 960 EC** or **Campatop 225 EC** for the control of broadleaf weeds.
- For pre-emergent control of grass weeds, Yellow nutsedge and broadleaved weeds, apply **Leap 840 EC** in combination with **TERBUSIEN SUPER 600 SC** (L 5435 / N-AR 1110 / W 130958) as a pre-emergence application.
- For optimum control, broadleaf weeds should not be beyond the 4-leaf stage or higher than 10 cm. Apply a directed spray when the maize plants exceed a height of 40 cm, to ensure thorough coverage of the weeds.
- **IMPORTANT**
Do not exceed a total of 1.5 kg per hectare (1.0 kg active ingredient) if follow-up crops, sensitive to **Triazines**, are to be planted the next season.

Table 1. Post-emergence application of **TERBUWEED 600 WDG** plus **Cantron® 480 SC**.

<i>Product</i>	<i>Dosage rates</i>
TERBUWEED 600 WDG	800 g/ha
PLUS	
Cantron® 480 SC	210 to 260 ml/ha
PLUS	
Villa 51	0.1 %

NOTES

- Apply post-emergence in the 2- to 6-leaf stage for broadleaf weeds, and 2- to 3-leaf stage for grass weeds.
- Use the higher dosage rates for difficult to control weeds or high weed pressure situations.
- Refer to the **Cantron® 480 SC** label for list of additional weeds controlled, as well as **USE RESTRICTIONS** and **DIRECTIONS FOR USE**.

Table 2. Post-emergence application of **TERBUWEED 600 WDG** plus **Cantron® 480 SC**, preceded by a pre-emergence application of **Leap 840 EC**.

<i>Product</i>	<i>Dosage rates</i>
TERBUWEED 600 WDG	800 g/ha
PLUS	
Cantron® 480 SC	210 to 260 ml/ha
PLUS	
Villa 51	0.1 %

NOTES

- Apply as a follow-up treatment to a pre-emergence application of **Leap 840 EC** as indicated on the registered label.
- Apply post-emergence in the 2- to 6-leaf stage for broadleaf weeds, and 2- to 3-leaf stage for grass weeds.
- Use the higher dosage rates for difficult to control weeds or high weed pressure situations.
- Refer to the **Leap 840 EC** and **Cantron® 480 SC** labels for list of additional weeds controlled, as well as **USE RESTRICTIONS** and **DIRECTIONS FOR USE**.

1.3 POST-EMERGENCE IN TANK MIXTURES WITH CANTRON® 480 SC PLUS PLATINUM 960 EC FOR THE CONTROL OF BROADLEAF WEEDS

Table 3. Post-emergence application of **TERBUWEED 600 WDG** plus **Cantron® 480 SC** plus **Platinum 960 EC**.

<i>Product</i>	<i>Dosage rates</i>
TERBUWEED 600 WDG	800 g/ha
PLUS	
Cantron® 480 SC	210 to 260 ml/ha
PLUS	
Platinum 960 EC	400 to 800 ml/ha
PLUS	
Villa 51	0.1 %

NOTES

- Apply post-emergence in the 2- to 6-leaf stage for broadleaf weeds, and 2- to 3-leaf stage for grass weeds.
- Use the higher dosage rates for difficult to control weeds or high weed pressure situations.
- Refer to the **Platinum 960 EC** and **Cantron® 480 SC** labels for list of additional weeds controlled by those products, as well as **USE RESTRICTIONS** and **DIRECTIONS FOR USE**.

1.4 POST-EMERGENCE IN TANK MIXTURES WITH CANTRON® 480 SC PLUS CAMPATOP 225 EC FOR THE CONTROL OF BROADLEAF WEEDS

Table 4. Post-emergence application of **TERBUWEED 600 WDG** plus **Campatop 225 EC**.

<i>Product</i>	<i>Dosage rates</i>
TERBUWEED 600 WDG	800 g/ha
PLUS	
Campatop 225 EC	1.0 l/ha

NOTES

- Apply post-emergence in the 2- to 6-leaf stage for broadleaf weeds.
- **Do not** add any wetting agents/surfactants as this may cause damage to the crop.
- Refer to the **Campatop 225 EC** label for list of additional weeds controlled, as well as **USE RESTRICTIONS**, **DIRECTIONS FOR USE** and **IMPORTANT REMARKS**.

Table 5. WEEDS CONTROLLED.

The following weed species are normally controlled by TERBUWEED 600 WDG:	
Broadleaf weeds	
<i>Acanthospermum australe</i>	Eight-seeded prostrate starbur
<i>Acanthospermum glabratum</i>	Five-seeded prostrate starbur
<i>Acanthospermum hispidum</i>	Upright starbur
<i>Amaranthus deflexus</i>	Perennial pigweed
<i>Amaranthus hybridus</i>	Common pigweed
<i>Amaranthus spinosus</i>	Thorny pigweed
<i>Amaranthus thunbergii</i>	Red pigweed
<i>Bidens bipinnata</i>	Spanish blackjack
<i>Bidens pilosa</i>	Blackjack
<i>Bidens formosa</i>	Cosmos
<i>Chenopodium album</i>	White goosefoot
<i>Chenopodium carinatum</i>	Green goosefoot
<i>Cleome monophylla</i>	Spindlepod
<i>Cleome rubella</i>	Pretty lady
<i>Commelina benghalensis</i>	Bengal wandering Jew
<i>Crotalaria sphaerocarpa</i>	Mealie Crotalaria
<i>Datura ferox</i>	Large thorn apple
<i>Datura stramonium</i>	Thorn apple
<i>Galinsoga parviflora</i>	Gallant soldier
<i>Gisekia pharnaceoides</i>	Gisekia
<i>Hibiscus cannabinus</i>	Kenaf
<i>Hibiscus trionum</i>	Bladderweed
<i>Nicandra physaloides</i>	Apple-of-Peru
<i>Physalis angulata</i>	Wild gooseberry
<i>Portulaca oleracea</i>	Purslane
<i>Richardia brasiliensis</i>	Tropical Richardia
<i>Schkuhria pinnata</i>	Dwarf marigold
<i>Tagetes minuta</i>	Khaki weed
<i>Vigna vexillata</i>	Wild cow-pea
Grasses	
<i>Eleusine indica</i>	Goose grass
If dry conditions prevail for a period of 7 to 14 days after pre-emergence application, the following weed species may not be adequately controlled, especially on heavy soils.	
<i>Bidens formosa</i>	Cosmos
<i>Commelina benghalensis</i>	Bengal wandering Jew
<i>Datura spp.</i>	Thorn apple
<i>Eleusine indica</i>	Goose grass
Under abnormally wet conditions late-season weed control may be inadequate.	

1.5 POST-EMERGENCE APPLICATION OF TERBUWEED 600 WDG PLUS CANTRON® 480 SC PLUS HALO 750 WDG, PLUS VILLA 51 FOR THE CONTROL OF YELLOW AND PURPLE NUTSEDGE AND CERTAIN BROADLEAF WEEDS IN MAIZE

Table 6. Post-emergence application of **TERBUWEED 600 WDG** plus **Cantron® 480 SC** plus **Halo 750 WDG** plus **Villa 51**.

TERBUWEED 600 WDG 800 g/ha	PLUS Halo 750 WDG 50 g/ha	PLUS Cantron® 480 SC 210 to 260 ml/ha	PLUS Villa 51 (0.1 %)
WEEDS CONTROLLED THE FOLLOWING WEEDS ARE NORMALLY CONTROLLED AT THE DOSAGE RATE AS INDICATED ABOVE:			
Botanical name		Common name	
<i>Amaranthus hybridus</i>		Common pigweed	
<i>Amaranthus spinosus</i>		Thorny pigweed	
<i>Bidens pilosa</i>		Common blackjack	
<i>Cleome monophylla</i>		Single leaved cleome	
<i>Chenopodium album</i>		White goosefoot	
<i>Chenopodium carinatum</i>		Green goosefoot	
<i>Cyperus esculentus</i>		Yellow nutsedge	
<i>Cyperus rotundus</i>		Purple nutsedge	
<i>Datura ferox</i>		Large thorn apple	
<i>Galinsoga parviflora</i>		Gallant soldier	
<i>Ipomoea purpurea</i>		Common morning glory	
<i>Tribulus terrestris</i>		Dubbeltjie / Devil's thorn	
<i>Xanthium strumarium</i>		Cocklebur	

NOTES

- Apply this post-emergence application as a follow up to a pre-emergence application of **Cantron® 480 SC** in tank mixture with **Metolachlor 800 EC** or **Platinum Plus 915 EC** or **Premium 840 EC** as indicated on the registered labels.
- The adjuvant **Villa 51** at 0.1 % must be used with all post-emergence applications of **TERBUWEED 600 WDG** plus **Halo 750 WDG** plus **Cantron® 480 SC**, as indicated on the registered product labels.
- For optimum control of Nutsedge, apply **TERBUWEED 600 WDG** plus **Halo 750 WDG** plus **Cantron® 480 SC** on actively growing Nutsedge under moist conditions, 3 to 5 weeks after planting. Ensure that the application is performed after the majority of the Nutsedges have germinated, but before flowering. New germination of Nutsedge may occur if application was performed too early. Later applications, when the Nutsedge is in flower, will also give sub-optimal results.
- Refer to the **Halo 750 WDG** and **Cantron® 480 SC** labels for **USE RESTRICTIONS** and **DIRECTIONS FOR USE**.

1.6 POST-EMERGENCE APPLICATION OF TERBUWEED 600 WDG PLUS CANTRON® 480 SC PLUS NICORON 750 WDG PLUS VILLA 51 FOR CONTROL OF SORGHUM SPECIES AND CERTAIN BROADLEAF WEEDS IN MAIZE

Table 7. Post-emergence application of **TERBUWEED 600 WDG** plus **Cantron® 480 SC** plus **Nicoron 750 WDG** plus **Villa 51**.

TERBUWEED 600 WDG 800 g/ha	PLUS Cantron® 480 SC 210 to 260 ml/ha	PLUS Nicoron 750 WDG 60 g/ha	PLUS Villa 51 (0.1 %)
WEEDS NORMALLY CONTROLLED From seedling (1 to 2 leaves) to stage as indicated.			
Botanical name	Common name		Maximum size of weeds at time of application
Grasses:			
<i>Panicum schinzii</i>	Sweet buffalo grass		Up to tillering stage
<i>Setaria pallide-fusca</i>	Red bristle grass		Up to 4 leaves
Broadleaf weeds:			
<i>Amaranthus hybridus</i>	Common pigweed		4 leaves
<i>Amaranthus thunbergii</i>	Red pigweed		4 leaves
<i>Amaranthus deflexus</i>	Perennial pigweed		4 leaves
<i>Cleome monophylla</i>	Spindlepod		6 leaves
<i>Datura ferox</i>	Large thorn apple		3 leaves
<i>Datura stramonium</i>	Thorn apple		4 leaves
<i>Schkuhria pinnata</i>	Dwarf marigold		3 leaves
<i>Tagetes minuta</i>	Tall khakiweed		4 leaves
<i>Tribulus terrestris</i>	Common dubbeltjie		4 leaves
Sorghum species:			
<i>Sorghum bicolor</i>	Wild grain sorghum		Up to 7 leaves
<i>Sorghum halepense</i>	Johnson grass		Up to 7 leaves

NOTES

- This treatment can be applied as a stand-alone post-emergence application or as a follow up to a pre-emergence application of **Cantron® 480 SC** in tank mixture with **Metolachlor 800 EC** or **Platinum Plus 915 EC** or **Premium 840 EC** as indicated on the registered labels.
- The adjuvant **Villa 51** at 0.1 % must be used with all post-emergence applications of **TERBUWEED 600 WDG** plus **Cantron® 480 SC** plus **Nicoron 750 WDG**, as indicated on the registered label.
- This mixture cannot be applied by means of aerial application.
- Refer to the **Cantron® 480 SC** and **Nicoron 750 WDG** labels for a complete list of weeds controlled by those products.
- Adhere to all **USE RESTRICTIONS** and **DIRECTIONS FOR USE** as indicated on the **Cantron® 480 SC** and **Nicoron 750 WDG** labels.
- Improved control of certain broadleaf weeds can be obtained with addition of **Nicoron 750 WDG**.

1.7 APPLICATION OF TERBUWEED 600 WDG PLUS GLYGRAN 710 SG ON GLYPHOSATE TOLERANT MAIZE CULTIVARS

Table 8: Application of **TERBUWEED 600 WDG** plus **Glygran 710 SG** on **GLYPHOSATE TOLERANT** maize cultivars.

TERBUWEED 600 WDG 1.0 kg / ha	PLUS Glygran 710 SG 1.5 kg / ha
WEEDS CONTROLLED Refer to the Glygran 710 SG label for list of weeds controlled by Glygran 710 SG .	

Consult the **Glygran 710 SG** label for **WARNINGS**, **PRECAUTIONS**, **USE RESTRICTIONS** and **DIRECTIONS FOR USE**.

1.8 APPLICATION OF TERBUWEED 600 WDG PLUS PANGA PLUS 540 SL ON GLYPHOSATE TOLERANT MAIZE CULTIVARS

Table 9: TERBUWEED 600 WDG plus Panga Plus 540 SL on GLYPHOSATE TOLERANT maize cultivars.

TERBUWEED 600 WDG 0.8 to 1.6 kg / ha		PLUS Panga Plus 540 SL Refer to the dosage rates below
Weed type	Panga Plus 540 SL Dosage rate	Stage of weed growth
<u>Annual grasses and broad leaf weeds:</u>	1.3 d/ha	Apply before 100 mm height or 8-leaf stage.
	1.7 d/ha	Apply between 100 and 200 mm or up to the 12-leaf stage.
<u>Difficult to control species requiring a follow-up spray (variable control*):</u> Wandering Jew* <i>Commelina benghalensis</i>	2.0 d/ha	Apply at the 3-leaf stage; follow up with 2.0 litres per hectare 10 to 20 days later.
Morning glory* <i>Ipomoea purpurea</i>		Apply at the 4- to 5- leaf stage; follow up with 2.0 litres per hectare 10 to 20 days later.
Common purslane* <i>Portulaca oleracea</i>		Apply before flowering.
Devil's thorn <i>Tribulus terrestris</i>		Apply before first flowers appear.
<u>Difficult to control biennial and perennial weed species:</u> Yellow nutsedge (<i>Cyperus esculentus</i>)	2.0 d/ha	Apply at the 3- to 4-leaf stage follow up with 2.0 litres per hectare, 10 to 20 days later.
<i>Conyza</i> spp.		Apply before 8-leaf stage.
Refer to the Panga Plus 540 SL label for complete list of weeds that are controlled post-emergence by Panga Plus 540 SL .		

Consult the Panga Plus 540 SL label for **WARNINGS, PRECAUTIONS, USE RESTRICTIONS** and **DIRECTIONS FOR USE**.

1.9 POST-EMERGENCE APPLICATION OF TERBUWEED 600 WDG PLUS 2,4-D AMINE 480 SL PLUS TRANSFER 700 WDG OR FOR THE CONTROL OF CERTAIN BROADLEAF WEEDS IN MAIZE AND SORGHUM

Table 10. TERBUWEED 600 WDG plus 2,4-D Amine 480 SL or Transfer 700 WDG in maize and sorghum

TERBUWEED 600 WDG 470 to 570 g/ha	PLUS 2,4-D Amine 480 SL 250 ml/ha	PLUS Transfer 700 WDG 60 g/ha
WEEDS CONTROLLED THE FOLLOWING WEEDS ARE NORMALLY CONTROLLED AT THE DOSAGE RATE AS INDICATED ABOVE:		
Botanical name	Common name	
<i>A. thunbergii</i>	Red pigweed	
<i>Crotalaria sphaerocarpa</i>	Mealie crotalaria	
<i>Datura ferox</i>	Thorn apple	
<i>Tagetes minuta</i>	Khaki bush	
<i>Tribulus terrestris</i>	Dubbeltjie	
<i>Xanthium strumarium</i>	Cocklebur	

NOTES

- **Maize:**
 - Apply from full emergence of the maize crop, until a height of 300 mm has been reached.
 - Where the maize crop exceeds 300 mm in height, drop arms should be used to direct spray beneath the leaf canopy of the maize.
 - **N.B.** Do not spray when the crop has reached a height of 800 mm until after the soft dough stage.
- **Sorghum:**
 - Apply from full emergence of the sorghum crop until the full 6-leaf stage.
 - **N.B.** Do not spray after the full 6-leaf stage has been reached.
- Consult the **2,4-D Amine 480 SL** and **Transfer 700 WDG** labels for **WARNINGS, PRECAUTIONS, USE RESTRICTIONS** and **DIRECTIONS FOR USE**, as well as list of additional species controlled.

1.10 TERBUWEED 600 WDG IN TANK MIXTURES WITH CANTRON® 480 SC AND BENDIOXIDE 480 SL FOR POST-EMERGENCE CONTROL OF WEEDS IN MAIZE

Table 11. TERBUWEED 600 WDG plus Cantron® 480 SC and Bendioxide 480 SL in maize.

TERBUWEED 600 WDG 800 g/ha	PLUS	PLUS	PLUS
	Bendioxide 480 SL 2000 to 2500 ml/ha	Cantron® 480 SC 210 to 260 ml/ha	Summit Super 0.3 % (300 ml/100 l) OR Villa 51 0.1 % (100 ml/100 l)
WEEDS CONTROLLED			
THE FOLLOWING WEEDS ARE NORMALLY CONTROLLED AT THE DOSAGE RATE AS INDICATED ABOVE:			
Botanical name		Common name	
<i>Amaranthus hybridus</i>		Common pigweed	
<i>Amaranthus spinosus</i>		Thorny pigweed	
<i>Bidens pilosa</i>		Common blackjack	
<i>Chenopodium album</i>		White goosefoot	
<i>Cyperus esculentus</i>		Yellow nutsedge	
<i>Galinsoga parviflora</i>		Gallant soldier	
<i>Hibiscus cannabinus</i>		Kenaf	
<i>Ipomoea obscura</i>		Wild Petunia	
<i>Portulaca oleracea</i>		Purslane	
<i>Richardia brasiliensis</i>		Mexican Richardia	
<i>Schkuhria pinnata</i>		Dwarf marigold	
<i>Tagetes minuta</i>		Khaki bush	
<i>Tribulus terrestris</i>		Dubbeltjie	
<i>Xanthium strumarium</i>		Cocklebur	

NOTES

- Refer to **Table 7** for maximum size of certain weed species at time of application.
- Consult the **Bendioxide 480 SL** label for **WARNINGS, PRECAUTIONS, USE RESTRICTIONS** and **DIRECTIONS FOR USE**.

2. VINES AND ORCHARDS

2.1 RESIDUAL CONTROL OF *LOLIUM* SPP. RYE GRASS AND CERTAIN BROADLEAF WEEDS

- **TERBUWEED 600 WDG** can be applied post-emergence in vines in a tank mixture with **Skoffel® 200 Super** and **Villa 51** and **Summit** for residual control of Rye grass and certain broadleaf weeds.
- **IMPORTANT**
TERBUWEED 600 WDG must be applied before budburst in vines.

Table 12. Post-emergence application of **TERBUWEED 600 WDG** plus **Skoffel® 200 Super** plus **Villa 51** plus **Summit**.

<i>Product</i>	<i>Dosage rates</i>
TERBUWEED 600 WDG	3.4 kg/ha
PLUS	
Skoffel® 200 Super	3.0 to 5.0 l/ha
PLUS	
Villa 51	0.1 %
PLUS	
Summit	0.5 to 1.0 %

NOTES

- The Rye grass must not exceed the 4-leaf stage at time of application.
- Refer to the **Skoffel® 200 Super** label for a complete list of weeds controlled.
- Adhere to all **USE RESTRICTIONS** and **DIRECTIONS FOR USE** as indicated on the **Skoffel® 200 Super** label.

Table 13. **WEEDS CONTROLLED.**

The following weed species are normally controlled by TERBUWEED 600 WDG PLUS Skoffel® 200 Super PLUS Villa 51 PLUS Summit :	
<i>Lolium spp</i>	Rye grass
<i>Chenopodium album</i>	White goosefoot
<i>Chenopodium carinatum</i>	Green goosefoot
<i>Conyza bonariensis</i>	Horseweed
<i>Polygonum aviculare</i>	Knot weed

2.2 RESIDUAL CONTROL OF *LOLIUM* SPP. RYE GRASS AND CERTAIN BROADLEAF WEEDS

- **TERBUWEED 600 WDG** can be applied post-emergence in vines in a tank mixture with **Panga Turbo 450 SL** for residual control of Rye grass and certain broadleaf weeds.

Table 14. Application of **TERBUWEED 600 WDG** plus **Panga Turbo 450 SL** in vines.

TERBUWEED 600 WDG 3.4 kg / ha	PLUS Panga Turbo 450 SL 3.0 l / ha
WEEDS CONTROLLED Refer to the Panga Turbo 450 SL label for list of weeds controlled by Panga Turbo 450 SL .	

Consult the **Panga Turbo 450 SL** label for **WARNINGS, PRECAUTIONS, USE RESTRICTIONS** and **DIRECTIONS FOR USE**.

2.3 POST-EMERGENCE APPLICATION OF TERBUWEED 600 WDG PLUS SKOFFEL® 200 SUPER PLUS SURFLAN 480 SL OR PLATINUM 960 EC FOR CONTROL OF WEEDS IN VINES

Table 15.

TERBUWEED 600 WDG 2.0 kg/ha	PLUS Skoffel® 200 Super 5.0 l/ha	PLUS Surflan 480 EC 4.5 l/ha	OR Platinum 960 EC 1.5 l/ha
WEEDS CONTROLLED THE FOLLOWING WEEDS ARE NORMALLY CONTROLLED AT THE DOSAGE RATE AS INDICATED ABOVE:			
Botanical name		Common name	
<i>Digitaria sanguinalis</i>		Crab finger grass	
<i>Euphorbia helioscopia</i>		Umbrella milkweed	
<i>Fumaria muralis</i>		Fumetory	
<i>Setaria pallide-fusca</i>		Red / garden bristle grass	

NOTES

- Refer to the **Skoffel® 200 Super**, **Surflan 480 EC** and **Platinum 960 EC** labels for **WARNINGS**, **PRECAUTIONS**, **USE RESTRICTIONS** and **DIRECTIONS FOR USE** and list of additional weed species controlled.

2.4 CONTROL OF BROADLEAF WEEDS IN ORCHARDS

Table 16. Post-emergence application of **TERBUWEED 600 WDG** plus **Skoffel® 200 Super** or **Glygran 710 SG** or **Bound 200 SL** plus **Summit Super** or **Velocity®-DryMax** in citrus and apples.

Crop	Dosage rate	Remarks
Citrus & Apples	TERBUWEED 600 WDG 2.9 to 3.4 kg/ha PLUS Skoffel® 200 Super 5.0 l/ha PLUS Summit Super 0.3 %	
	OR	
	TERBUWEED 600 WDG 3.4 kg/ha PLUS Glygran 710 SG 1.5 kg/ha PLUS Velocity® DryMax 2.0 %	Apply during spring. Spray post emergence of weeds when weeds are growing actively.
	OR	
	TERBUWEED 600 WDG 3.4 kg/ha PLUS Bound 200 SL 5 l/ha PLUS Summit Super 0.3 %	

NOTES

- Apply in at least 300 litres water per hectare as an overall application.
- Ensure thorough coverage and wetting of the weeds.
- Do not apply in orchards less than one (1) year old.
- Temporary chlorosis (yellowing) / slight sensitivity may occur when applied in Star Ruby pomelos but will not result in a reduced yield.

Refer to the **Skoffel® 200 Super, Glygran 710 SG, Bound 200 SL** for **WARNINGS, PRECAUTIONS, USE RESTRICTIONS** and **DIRECTIONS FOR USE** and list of weed species controlled, as well as the **Summit Super** and **Velocity® DryMax** labels for **WARNINGS, PRECAUTIONS, USE RESTRICTIONS** and **DIRECTIONS FOR USE**.

The following products mentioned in this label may be replaced with equivalent products:

- **CANTRON® 480 SC** (L 8365 / N-AR 1323 / W 130604) = **ASTRON® 480 SC** (L 8366) = **CANONNE 480 SC** (L 8735) (**Mesotrione**),
- **HORNET 480 SL** (L 7708 / N-AR 1338 / W 1301415) = **BENDIOXIDE 480 SL** (L 7707 / W 130531),
- **LEAP 840 EC** (L 8064 / N-AR 1103 / W 1301419) = **PREMIUM 840 EC** (L 8066) (**Acetochlor**),
- **CAMPATOP 225 EC** (L 5320 / N-AR 1115) = **BROMOXYNIL 225 EC** (L 4466 / W 130530),
- **PLATINUM PLUS 915 EC** (L 7844 / N-AR 1105) = **METOLACHLOR 915EC** (L 7841 / N-AR 1361),
- **METOLACHLOR 800 EC** (L 7433) = **METOLACHLOR 800 EC** (L 71387),
- **HALO 750 WDG** (L 8283 / N-AR 1337) = **CROWN 750 WDG** (L 8282),
- **PLATINUM 960 EC** (L 7434 / N-AR 1108) = **METOLACHLOR 960 EC** (L 7136 / N-AR 1362 / W 130057),
- **NICORON 750 WDG** (L 8045 / N-AR 1335) = **NICOSULFURON 750 WDG** (L 8059),
- **TRANSFER 700 WDG** (L 9227) = **TRADE 700 WDG** (L 9228) (**Dicamba**),
- **VILLA 51** (L 8050 / W 130454 / N-AR 1090) = **WEN 51** (L 8315),
- **SUMMIT SUPER** (L 8539) = **BENEFIT PLUS** (L 8538),
- **PANGA PLUS 540 SL** (L 8818) = **SLASH PLUS 540 SL** (L 8819 / W1301444) = **LYNCH PLUS 540 SL** (L 8816) (**Glyphosate**),
- **PANGA TURBO 450 SL** (L 8506) = **SLASH TURBO 450 SL** (L 8505) = **LYNCH TURBO 450 SL** (L 8754) (**Glyphosate**),
- **GLYGRAN 710 SG** (L 8449) = **SLASH 710 SG** (L 8450 / W 130058 / N-AR 2190) = **LYNCH 710 SG** (L 8670) (**Glyphosate**),
- **SURFLAN 480 SC** (L 7523) = **SUMMON 480 SC** (L 9262),
- **VELOCITY®-DRYMAX** (L 9454 / W 130995 / N-AR 1528) = **AMS-GRANULE** (L 9610) and
- **BOUND 200 SL** (L 9280 / N-AR 1735 / W1301405) = **BRASS 200 SL** (L 9279) (**Glufosinate ammonium**).

CANTRON® 480 SC, BOUND 200 SL, CAMPATOP 225 EC, HALO 750 WDG, HORNET 480 SL, LEAP 840 EC, NICORON 750 WDG, PLATINUM 960 EC, PLATINUM PLUS 915 EC, TERBUSIEN SUPER 600 SC, METOLACHLOR 800 EC, SUMMIT, SUMMIT SUPER, TRANSFER 700 WDG, GLYGRAN 710 SG, PANGA PLUS 540 SL, PANGA TURBO 450 SL, SURFLAN 480 SC, BENEFIT PLUS, and are registered products of

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VELOCITY®-DRYMAX, BRASS 200 SL, AMS-GRANULE, WEN 51, VILLA 51, 2,4-D AMINE 480 SL, ASTRON® 480 SC, BENDIOXIDE 480 SL, PREMIUM 840 EC, BROMOXYNIL 225 EC, CROWN 750 WDG, METOLACHLOR 960 EC, NICOSULFURON 750 WDG, METOLACHLOR 800 EC, METOLACHLOR 915EC, TRADE 700 WDG, SLASH PLUS 540 SL, SLASH 710 SG, SLASH TURBO 450 SL, SUMMON 480 SC and SKOFFEL® 200 SUPER are registered products of

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