

BEFORE USING THIS PRODUCT READ THE LABEL CAREFULLY!

Herbicide



TERBUCIDE PLUS 900 WDG

Reg. No. L 9888 Act/Wet No. 36 of/van 1947
W130866

2: 11/2/2020-Feb2020

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

'n Waterdispergeerbare korrel onkruidoder vir selektiewe beheer van die meeste eenjarige breëblaaronkruidе asook Jongosgras in gewasse soos aangedui.

ACTIVE INGREDIENTS / AKTIEWE BESTANDDELE

atrazine (triazine) **450 g/kg** atrasiен (triasien)

terbutylazine (triazine) **450 g/kg** terbutielasiен (triasien)

HRAC HERBICIDE GROUP CODE **C1** HRAC ONKRUIDDODER GROEPKODE

kg

Registration holder / Registrasiehouer:

Universal Crop Protection (Pty) Ltd.

Co. Reg. No. / Mpy. Reg. Nr. 1983/008184/07

PO Box / Posbus 801, Kempton Park, 1620

Tel: 011 396 2233

Website / Webblad: www.villacrop.co.za

24 HR EMERGENCY NUMBERS:

Griffon Poison Information Centre: +27 82 446 8946

Villa Crop Protection Emergency number: +27 63 698 0668

24 Hr Transport / Spill emergency no: Envirosure +27 31 205 4918

(Hazcall24) +27 86 044 4411

(Client: Villa Crop Protection)

villa

UN Number: 3077

Willow Set & Print 011 394-4486



HARMFUL
SKADELIK



GEbruiksAANwYsINGS INGESLUIT

VERWYS NA BESONDERHEDE
GEDRUK OP HOUER/SAK

Date formulated:
Formuleringsdatum:

DIRECTIONS FOR USE ENCLOSED
REFER TO DETAILS PRINTED
ON CONTAINER/BAG

Batch number:
Lotnommer:

DIRECTIONS FOR USE ENCLOSED

TERBUCIDE PLUS 900 WDG

Reg. No. L 9888 / W130866 Act/Wet No. 36 of/van 1947

HRAC HERBICIDE GROUP CODE / HRAC ONKRUIDDODER GROEPKODE: C1

ACTIVE INGREDIENTS / AKTIEWE BESTANDELE:

atrazine (triazine) / atrasiën (triasien)450 g/kg
 terbuthylazine (triazine) / terbutielasiën (triasien) 450 g/kg

Registration holder / Registrasiehouer:

UNIVERSAL CROP PROTECTION (PTY) LTD.

Co. Reg. No. 1983/008184/07 Mpy. Reg. Nr.

P.O. Box / Posbus 801

KEMPTON PARK, 1620 Tel. (011) 396 2233

**WARNINGS****Re-cropping intervals:**

The following waiting periods should lapse between application of TERBUCIDE PLUS 900 WDG and the planting of follow-up crops, to prevent damage to the next crop:	
a) Maize and Sugarcane	None
b) Grain Sorghum	12 months
c) Sunflowers, Groundnuts, Soybeans, Potatoes, Dry Beans, Forage Sorghum and Small Grain	18 months
d) All Other Crops (a testing planting is recommended)	24 months

Where the rate of **TERBUCIDE PLUS 900 WDG** applied does not exceed 1.1 kg per hectare the withholding periods mentioned under **(b)** and **(c)** above, could be reduced to 9 months, **except** on the sandy soils of the Northwest Province and North Western Free State, which contain 0 to 10 % clay.

IMPORTANT

The above-mentioned withholding periods are valid only if the correct dosage rate of **TERBUCIDE PLUS 900 WDG** according to soil type was applied and normal or above average rainfall occurred, after **TERBUCIDE PLUS 900 WDG** application.

- Handle with care.
- Harmful when swallowed.
- Mild irritant to eyes and skin.
- Store under lock and key in a cool, dry, well-ventilated place, away from food, feeds, seed, fertilizers and other agricultural remedies.
- Keep out of reach of children, uninformed persons and animals.
- Product contains **Atrazine**, which has a high potential for groundwater contamination.
- **Re-entry:** Do not enter treated area within 1 day after treatment unless wearing protective clothing.
- **In case of poisoning call a physician and make this label available to him/her.**

Aerial application:

Notify all inhabitants in the immediate vicinity of the area to be sprayed and issue the necessary warnings. Do not spray over or allow the drift to contaminate water or adjacent areas.

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

- Avoid inhalation of the dust or spray mist.
- 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 with soap and water after use and accidental skin contact.
- Wash contaminated clothing after use.
- Do not eat, drink or smoke while mixing and applying or before washing hands and face or change of clothing.
- 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 **TERBUCIDE PLUS 900 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.
 - Dispose of containers/bags/sachets made of plastic, cardboard or paper on a landfill site approved for pesticides or burn in a safe place where there is no risk of contamination by smoke and fumes.
- 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.

SYMPTOMS OF HUMAN POISONING

Acute toxicity to this herbicide is expected to be low and no adverse effects from exposure have been reported. It can be absorbed orally, dermally and by inhalation. Symptoms of poisoning include abdominal pain, diarrhea and vomiting, eye irritation, irritation of mucous membranes and skin irritations.

FIRST AID TREATMENT

- **Skin contact:** If irritation occurs, remove contaminated clothing, shoes and leather goods (e.g. watchbands and belts). Gently wipe off excess chemical. Wash skin gently and thoroughly with water and non-abrasive soap. If irritation persists, obtain medical assistance.
- **Eye contact:** Immediately flush the contaminated eyes with gently flowing lukewarm water for 20 minutes, holding the eyelid(s) open until no evidence of chemical remains.
- **Ingestion:** Have the patient rinse mouth thoroughly with water. Do not induce vomiting. Obtain medical advice immediately.
- **Inhalation:** Remove source of contamination or move the patient to fresh air. Keep the patient under observation and obtain medical attention if irritation persists.

NOTE TO PHYSICIAN

No signs and symptoms of **Triazine** poisoning are known or expected in humans. No specific antidote is available. Treat symptomatically and supportively when required. When large amounts have been ingested, consider gastric lavage or administer activated charcoal.

RESISTANCE WARNING

TERBUCIDE PLUS 900 WDG is a group code C1 herbicide. Any weed population may contain individuals naturally resistant to **TERBUCIDE PLUS 900 WDG** and other group code C1 herbicides. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds may not be controlled by **TERBUCIDE PLUS 900 WDG** or any other group code C1 herbicide.

To delay herbicide resistance:

- avoid exclusive repeated use of herbicide 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.

USE RESTRICTIONS

- When **TERBUCIDE PLUS 900 WDG** is applied to soils, which expand on wetting and crack or crumble on drying out, such as turf soils, the **TERBUCIDE PLUS 900 WDG** may remain active in the soil for much longer than the above-mentioned waiting periods. Thus, **TERBUCIDE PLUS 900 WDG** should not be

used on such soils if sensitive crops might be planted in the foreseeable future. On such soils **TERBUCIDE PLUS 900 WDG** may also give poor control of the weeds, when applied pre-emergence.

- Do not apply **TERBUCIDE PLUS 900 WDG** to inbred parent plants of maize and grain sorghum hybrids or experimental or newly released maize and grain sorghum cultivars without first referring to the distributor or seed supplier.
- Under cold and/or very wet conditions **TERBUCIDE PLUS 900 WDG** may damage grain sorghum.
- Ensure that sufficient fertilizer is band-placed near the seed at planting, to promote vigorous seedling growth.

DIRECTIONS FOR USE: Use only as directed.

Compatibility:

TERBUCIDE PLUS 900 WDG is compatible with **2,4-D Amine 480 SL, Astron® 480 SC, Astron® Smart 500 SC, Metolachlor 800 EC, Metolachlor 915 EC/Platinum Plus 915 EC, Pentium Plus 915 EC, Pentium 960 EC, Premium 840 EC, Premium 900 EC** and **Villa 51** as recommended on this label.

- The product may flocculate when tank mixed with **Paraquat**.
- The compatibility of **TERBUCIDE PLUS 900 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 **TERBUCIDE PLUS 900 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 **TERBUCIDE PLUS 900 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 **TERBUCIDE PLUS 900 WDG** is tank mixed with other pesticides, the **TERBUCIDE PLUS 900 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:

TERBUCIDE PLUS 900 WDG must be applied before or shortly after weeds emerge. The soil should preferably have a smooth surface, free of large clods.

If dry conditions prevail for a period of 7 to 14 days after application, weeds may emerge and develop. In such cases it is recommended that a light cultivation be carried out with a rotary cultivator to destroy these weeds and to mix the herbicide into the top 10 to 20 mm of soil.

Ground application: Flat fan type spray nozzles:

TERBUCIDE PLUS 900 WDG can be applied with any medium or high-volume sprayer, with efficient agitation and 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.

Aerial application:

Aerial application of **TERBUCIDE PLUS 900 WDG** may only be performed by a registered aerial application operator using a correctly calibrated, registered aircraft according to the instructions of SANS Code 10118 (Aerial Application of Agricultural Pesticides). Ensure that the spray mixture is distributed evenly over the target area and that the loss of spray material during application is restricted to a minimum. It is therefore essential that the following criteria be met:

- Volume: A spray mixture volume of 30 litres per hectare is recommended. **Pre-emergence** – 30 litres per hectare. **Post-emergence** – 30 to 35 litres per hectare. As this product has not been evaluated at a reduced volume rate, the registration holder cannot guarantee efficacy, or be held responsible for any adverse effects if this product is applied aurally at a lower volume rate than recommended above.
- Droplet coverage: The following number of droplets per cm² must be recovered at the target area: **Pre-emergence** - 20 to 30. **Post-emergence** - 35 to 45.
- Droplet size: The following droplet spectra are recommended: **Pre-emergence**- VMD of 350 to 400 micron. **Post-emergence** - VMD of 300 to 350 micron. Limit the production of fine droplets less than 150 micron (high drift and evaporation potential) to a minimum.

- Flying height: Maintain the height of the spray boom at 3 to 4 metres above the target. Do not spray when aircraft dives, is in a climb or when banking.
- Use suitable atomising equipment that will produce the desired droplet size and coverage, but which will ensure the minimum loss of product. The spraying system must produce a droplet spectrum with the lowest possible Relative Span.
- Position all the atomisers within the inner 60 to 75 % of the wingspan to prevent droplets from entering the wingtip vortices.
- The difference in temperature between the wet and dry bulb thermometers, of a whirling hygrometer, should not exceed 8°C.
- Stop spraying if the wind speed exceeds 15 km per hour.
- Stop spraying under turbulent, unstable and dry conditions during the heat of the day.
- Spraying under temperature inversion conditions (spraying in or above the inversion layer) and/or high humidity conditions (relative humidity 80 % and above) may lead to the following:
 - a) Reduced efficacy due to suspension and evaporation of small droplets in the air (inadequate coverage),
 - b) Damage to other sensitive crops and/or non-target areas through drifting of the suspended spray cloud away from the target field.
- Ensure that the aerial spray operator knows exactly which fields to spray.

Obtain an assurance from the aerial spray operator that the above requirements will be met, and that relevant data will be compiled in a logbook and kept for future reference.

APPLICATION RATES

MAIZE

1. TERBUCIDE PLUS 900 WDG as pre-emergence and early post-emergence.

Table 1: Application rates of TERBUCIDE PLUS 900 WDG.

Soil type	% Clay	Overall Application
Light sand / Sand	0 to 10 %	1.3 kg / ha
Loamy sand / Sandy loam	11 to 20 %	1.8 kg / ha
Sandy clay loam	21 to 30 %	2.2 kg / ha
Sandy clay loam / Sandy clay	31 to 40 %	2.7 kg / ha
Sandy clay, and soils high in Organic matter	41 to 50 %	2.7 kg / ha

TERBUCIDE PLUS 900 WDG can only be applied post-emergence if broadleaf weeds have not developed beyond the 4-leaf stage and grasses have not yet emerged. Where grasses have already emerged and broadleaf weeds have developed beyond the 4-leaf stage, these weeds must first be destroyed by cultivation and **TERBUCIDE PLUS 900 WDG** then applied onto clean soil. When **TERBUCIDE PLUS 900 WDG** is applied post-emergence to the weeds, a suitable surfactant such as **Villa 51** should be added to the spray mixture.

Crop rotation with Triazine sensitive crops:

In the Northwest Province and North Western Free State on 11 to 20 % clay soils where the carry-over effect of **Triazines** to groundnuts or other sensitive crops needs to be avoided, a tank mixture of 1.1 kg per hectare **TERBUCIDE PLUS 900 WDG** plus 0.7 litre per hectare **Metolachlor 915 EC/Platinum Plus 915 EC** or 0.8 litre per hectare **Metolachlor 800 EC** is recommended. On soils with high lime content these rates might however still damage follow-up crops.

Table 2: WEEDS CONTROLLED.

THE FOLLOWING GRASS OR BROALEAF WEED SPECIES ARE NORMALLY CONTROLLED BY TERBUCIDE PLUS 900 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>Eleusine indica</i>	Goose grass
<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 cowpea

* Resistant populations may exist that will not be controlled adequately.

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 abnormal wet conditions late-season weed control may be inadequate.	

2. **Pre-emergence application of TERBUCIDE PLUS 900 WDG plus Palladium Plus 915 EC / Pentium Plus 915 EC or Platinum Plus 915 EC / Metolachlor 915 EC or Metolachlor 800 EC plus Cantron® 480 SC in maize.**

NOTES

- Follow this pre-emergence application after approximately 35 to 42 days with a post-emergence application of registered mixtures of **TERBUCIDE PLUS 900 WDG** plus Acetanalides (**Palladium 960 EC / Pentium 960 EC or Platinum 960 EC / Metolachlor 960 EC or Premium 900 EC / Acetochlor 900 EC**) plus **Cantron® 480 SC** as instructed on the relevant labels.
- Control of Yellow nutsedge (*Cyperus esculentus*): The dosage rates of **Cantron® 480 SC**, plus **Palladium Plus 915 EC / Pentium Plus 915 EC or Platinum Plus 915 EC / Metolachlor 915 EC or Metolachlor 800 EC**, as indicated below, may provide insufficient control of Yellow nutsedge. Refer to the **Palladium Plus 915 EC / Pentium Plus 915 EC or Platinum Plus 915 EC / Metolachlor 915 EC or Metolachlor 800 EC** labels for dosage rates whereby improved control of Yellow nutsedge is obtained.
- Refer to **Cantron® 480 SC** label for improved control of Yellow nutsedge by means of pre-plant incorporation of **Cantron® 480 SC** with **EPTC Plus 720 EC** and **Leap 840 EC / Premium 840 EC**.
- Refer to the **Palladium Plus 915 EC / Pentium Plus 915 EC or Platinum Plus 915 EC / Metolachlor 915 EC or Metolachlor 800 EC** labels for a list of additional weeds controlled by these products, as well as for **USE RESTRICTIONS** and **DIRECTIONS FOR USE**.

Table 3a: WEEDS CONTROLLED.

TERBUCIDE PLUS 900 WDG 540 g / ha	PLUS			PLUS
	Palladium Plus 915 EC / Pentium Plus 915 EC 570 to 650 ml / ha	OR Platinum Plus 915 EC / Metolachlor 915 EC 875 to 1000 ml / ha	OR Metolachlor 800 EC 1000 to 1250 ml / ha	Astron® 480 SC 210 ml / ha
WEEDS CONTROLLED				
Botanical name		Common name		
<i>Acanthospermum hispidum</i>		Upright starbur		
<i>Amaranthus hybridus</i>		Common pigweed		
<i>Brachiaria eruciformis</i>		Sweet signal grass		
<i>Chenopodium album</i>		White goosefoot		
<i>Chenopodium carinatum</i>		Green goosefoot		
<i>Cleome monophylla</i>		Spindlepod		
<i>Commelina benghalensis</i> *		Benghal wandering Jew		
<i>Digitaria sanguinalis</i>		Crab fingergrass		
<i>Datura ferox</i>		Large thorn apple		
<i>Echinochloa colona</i>		Marsh grass		
<i>Eleusine indica</i>		Goose grass		
<i>Eragrostis curvula</i>		Weeping love grass		
<i>Hibiscus cannabinus</i>		Kenaf		
<i>Hibiscus trionum</i>		Bladder weed		
<i>Nicandra physaloides</i>		Apple-of-Peru		
<i>Panicum schinzii</i> (= <i>laevifolium</i>)		Sweet buffalo grass		
<i>Physalis angulata</i>		Wild gooseberry		
<i>Polygonum aviculare</i>		Prostrate knotweed		
<i>Portulaca oleracea</i>		Purslane		
<i>Schkuhria pinnata</i>		Dwarf marigold		
<i>Setaria pallide-fusca</i>		Red bristle grass		
<i>Tagetes minuta</i>		Tall Khaki weed		
<i>Triumfetta pilosa</i>		-		

* Only at highest recommended dosage rate.

Table 3b: WEEDS CONTROLLED.

TERBUCIDE PLUS 900 WDG 540 g / ha	PLUS			PLUS
	Palladium Plus 915 EC / Pentium Plus 915 EC 570 to 650 ml / ha	OR Platinum Plus 915 EC / Metolachlor 915 EC 875 to 1000 ml / ha	OR Metolachlor 800 EC 1000 to 1250 ml / ha	Astron® 480 SC 260 ml / ha
WEEDS CONTROLLED Above-mentioned plus:				
Botanical name		Common name		
<i>Urochloa panicoides</i>		Herringbone grass		
<i>Xanthium strumarium</i>		Cocklebur		

3. **Pre-emergence application of TERBUCIDE PLUS 900 WDG plus Leap 840 EC / Premium 840 plus Astron® 480 SC, in maize.**

NOTES

- Follow this pre-emergence application after approximately 35 to 42 days with a post-emergence application of registered mixtures of **TERBUCIDE PLUS 900 WDG** plus Acetanalides (**Palladium 960 EC / Pentium 960 EC or Platinum 960 EC / Metolachlor 960 EC or Premium 900 EC / Acetochlor 900 EC**) plus **Astron® 480 SC**, as instructed on the relevant labels.
- Control of Yellow nutsedge (*Cyperus esculentus*): The dosage rates of **Astron® 480 SC** plus **Leap 840 EC / Premium 840 EC**, as indicated below, may provide insufficient control of Yellow nutsedge. Refer to the **Leap 840 EC / Premium 840 EC** labels for dosage rates whereby improved control of Yellow nutsedge is obtained.
- Refer to **Astron® 480 SC** label for improved control of Yellow nutsedge by means of pre-plant incorporation of **Astron® 480 SC** with **EPTC Plus 720 EC** and **Leap 840 EC / Premium 840**.
- Refer to the **Leap 840 EC / Premium 840 EC** and **Astron® 480 SC** labels for a list of additional weeds controlled by these products, as well as for **USE RESTRICTIONS** and **DIRECTIONS FOR USE**.

Table 4: WEEDS CONTROLLED.

TERBUCIDE PLUS 900 WDG 540 g / ha	PLUS	
	Leap 840 EC / Premium 840 EC 950 to 1200 ml / ha	Astron® 480 SC 210 to 260 ml / ha
WEEDS CONTROLLED		
Botanical name		Common name
<i>Acanthospermum hispidum</i>		Upright starbur
<i>Amaranthus hybridus</i>		Common pigweed
<i>Brachiaria eruciformis</i>		Sweet signal grass
<i>Chenopodium album</i>		White goosefoot
<i>Chenopodium carinatum</i>		Green goosefoot
<i>Cleome monophylla</i>		Spindlepod
<i>Commelina benghalensis</i> *		Benghal wandering Jew
<i>Datura ferox</i>		Large thorn apple
<i>Digitaria sanguinalis</i>		Crab fingergrass
<i>Echinocloa colona</i>		Marsh grass
<i>Eleusine indica</i>		Goose grass
<i>Eragrostis curvula</i>		Weeping love grass
<i>Hibiscus cannabinus</i>		Kenaf
<i>Hibiscus trionum</i>		Bladder weed
<i>Nicandra physaloides</i>		Apple-of-Peru
<i>Panicum schinzii</i> (= <i>laevifolium</i>)		Sweet buffalo grass
<i>Physalis angulata</i>		Wild gooseberry
<i>Polygonum aviculare</i>		Prostrate knotweed
<i>Tagetes minuta</i>		Tall Khaki weed
<i>Setaria pallide-fusca</i>		Red bristle grass
<i>Triumfetta pilosa</i>		-
<i>Urochloa panicoides</i> *		Herringbone grass
<i>Xanthium strumarium</i> *		Cocklebur

* Only at highest recommended dosage rate.

4. **Post-emergence application of TERBUCIDE PLUS 900 WDG plus Palladium 960 EC / Pentium 960 EC or Platinum 960 EC / Metolachlor 960 EC or Premium 900 EC / Acetochlor 900 EC plus Astron® 480 SC in maize for extended control of annual grass weeds.**

NOTES

- Apply this post-emergence application as a follow up to a pre-emergence application of **TERBUCIDE PLUS 900 WDG** in a tank mixture with **Palladium Plus 915 EC / Pentium Plus 915 EC** or **Platinum Plus 915 EC / Metolachlor 915 EC** or **Metolachlor 800 EC** or **Leap 840 EC / Premium 840 EC** plus **Astron® 480 SC** as indicated on the registered labels.
- A Villa approved adjuvant must be used with all post-emergence applications of **TERBUCIDE PLUS 900 WDG** plus **Astron® 480 SC**, as indicated on the registered label.
- Apply **TERBUCIDE PLUS 900 WDG** plus **Palladium 960 EC / Pentium 960 EC** or **Platinum 960 EC / Metolachlor 960 EC** or **Premium 900 EC / Acetochlor 900 EC** plus **Astron® 480 SC** post-emergence in the 2- to 6-leaf stage for broadleaf weeds, and 2- to 3-leaf stage for grass weeds.
- To improve control of larger broadleaf weeds, Morning glory and other problem weeds add 250 ml **Amino 480 SL / 2,4-D Amine 480 SL** to the tank mixtures as listed below (do not add any surfactant when **Amino 480 SL / 2,4-D Amine 480 SL** is used in a tank mixture).
- Certain weeds may not be controlled effectively at the lower dosage rates.
- Refer to the **Palladium 960 EC / Pentium 960 EC** or **Platinum 960 EC / Metolachlor 960 EC** or **Premium 900 EC / Acetochlor 900 EC** labels for a list of additional weeds controlled by these products, as well as for **USE RESTRICTIONS** and **DIRECTIONS FOR USE**.
- Higher dosage rates of **TERBUCIDE PLUS 900 WDG** may be applied for control of additional broadleaf weed species and longer residual control of broadleaf weeds. Refer above for dosage rates, and a list of weeds controlled by **TERBUCIDE PLUS 900 WDG**.

Table 5: WEEDS CONTROLLED.

TERBUCIDE PLUS 900 WDG 540 g / ha	PLUS	PLUS
		Palladium 960 EC / Pentium 960 EC 410 to 510 ml / ha OR Platinum 960 EC / Metolachlor 960 EC 630 to 780 ml / ha OR Premium 900 EC / Acetochlor 900 EC 630 to 780 ml / ha
WEEDS CONTROLLED Above-mentioned plus:		
Botanical name	Common name	
<i>Amaranthus hybridus</i>	Common pigweed	
<i>Bidens bipinnata</i>	Spanish blackjack	
<i>Bidens pilosa</i>	Blackjack	
<i>Chloris virgata</i> **	Feathertop Chloris	
<i>Citrullus lanatus</i>	Wild watermelon	
<i>Cleome monophylla</i>	Spindlepod	
<i>Commelina benghalensis</i> *	Benghal wandering Jew	
<i>Crotalaria sphaerocarpa</i>	Mealie crotalaria	
<i>Cyperus esculentus</i> **	Yellow nutsedge	
<i>Datura ferox</i>	Large thorn apple	
<i>Datura stramonium</i>	Thorn apple	
<i>Digitaria sanguinalis</i>	Crab fingergrass	
<i>Eleusine indica</i>	Goose grass	
<i>Galinsoga parviflora</i>	Gallant soldier	
<i>Hibiscus cannabinus</i> **	Kenaf	
<i>Hibiscus trionum</i>	Bladder weed	
<i>Ipomoea purpurea</i>	Common morning glory	
<i>Tagetes minuta</i>	Tall Khaki weed	
<i>Tribulus terrestris</i> **	Dubbeltjie	
<i>Urochloa panicoides</i> **	Herringbone grass	
<i>Xanthium strumarium</i> **	Cocklebur	

* Only at highest dosage rate.

** Variable control of these weeds (up to 80 % suppression for a period of 8 weeks):

NOTE

Refer to the **Astron® 480 SC, Metolachlor 800 EC, 2,4-D Amine 480 SL, Metolachlor 915 EC/Platinum Plus 915 EC, Metolachlor 960 EC/Platinum 960 EC, Pentium Plus 915 EC, Pentium 960 EC, Premium 840 EC, Premium 900 EC** labels for additional weed species that are controlled by these products when **TERBUCIDE PLUS 900 WDG** is applied in tank mixtures with these products.

5. Post-emergence application of TERBUCIDE PLUS 900 WDG plus Astron® Smart 500 SC plus Velocity® Super plus Palladium 960 EC / Pentium 960 EC or Platinum 960 EC / Metolachlor 960 EC or Premium 900 EC / Acetochlor 900 EC in GLYPHOSATE TOLERANT maize for control of annual broadleaf and grass weeds:

NOTES

- **Important:** This recommended spray mixture can only be applied in genetically modified maize cultivars that are certified as being tolerant to the herbicide active ingredient glyphosate.
- Apply this post-emergence application as a follow up to a pre-emergence application of **TERBUCIDE PLUS 900 WDG** in a tank mixture with **Palladium Plus 915 EC / Pentium Plus 915 EC or Platinum Plus 915 EC / Metolachlor 915 EC or Metolachlor 800 EC or Leap 840 EC / Premium 840 EC** plus **Astron® Smart 480 SC** as indicated on the registered labels.
- **Velocity® Super** at 2 % must be used with all post-emergence applications of **TERBUCIDE PLUS 900 WDG** plus **Astron® Smart 500 SC**, as indicated on the registered label.
- Apply **TERBUCIDE PLUS 900 WDG** plus **Palladium 960 EC / Pentium 960 EC or Platinum 960 EC / Metolachlor 960 EC or Premium 900 EC / Acetochlor 900 EC** plus **Astron® Smart 500 SC** plus **Velocity® Super** post-emergence in the 2- to 6-leaf stage for broadleaf weeds, and 2- to 3-leaf stage for grass weeds.
- To improve control of larger broadleaf weeds, Morning glory and other problem weeds add 250 ml **Amino 480 SL / 2,4-D Amine 480 SL** to the tank mixtures as listed below (do not add any surfactant when **Amino 480 SL / 2,4-D Amine 480 SL** is used in a tank mixture).
- Certain weeds may not be controlled effectively at the lower dosage rates.
- Refer to the **Astron® Smart 500 SC, Palladium 960 EC / Pentium 960 EC or Platinum 960 EC / Metolachlor 960 EC or Premium 900 EC / Acetochlor 900 EC** labels for a list of additional weeds controlled by these products, as well as for **USE RESTRICTIONS** and **DIRECTIONS FOR USE**.
- Higher dosage rates of **TERBUCIDE PLUS 900 WDG** may be applied for control of additional broadleaf weed species and longer residual control of broadleaf weeds. Refer above for dosage rates, and a list of weeds controlled by **TERBUCIDE PLUS 900 WDG**.

Table 6: WEEDS CONTROLLED.

TERBUCIDE PLUS 900 WDG 500 g / ha	PLUS	PLUS	PLUS
		Palladium 960 EC / Pentium 960 EC 410 to 500 ml / ha OR Platinum 960 EC / Metolachlor 960 EC 630 to 780 ml / ha OR Premium 900 EC / Acetochlor 900 EC 630 to 780 ml / ha	Astron® Smart 500 SC 2.5 l / ha
WEEDS CONTROLLED Above-mentioned plus:			
Botanical name		Common name	
<i>Amaranthus hybridus</i>		Common pigweed	
<i>Bidens bipinnata</i>		Spanish blackjack	
<i>Bidens pilosa</i>		Blackjack	
<i>Chenopodium album</i>		White goosefoot	
<i>Chloris virgata</i> **		Feathertop Chloris	
<i>Citrullus lanatus</i>		Wild watermelon	
<i>Cleome monophylla</i>		Spindlepod	
<i>Commelina benghalensis</i> *		Benghal wandering Jew	
<i>Crotalaria sphaerocarpa</i>		Mealie crotalaria	
<i>Cyperus esculentus</i> **		Yellow nutsedge	
<i>Datura ferox</i>		Large thorn apple	
<i>Datura stramonium</i>		Thorn apple	
<i>Digitaria sanguinalis</i>		Crab fingergrass	
<i>Eleusine indica</i>		Goose grass	
<i>Galinsoga parviflora</i>		Gallant soldier	
<i>Hibiscus cannabinus</i> **		Kenaf	
<i>Hibiscus trionum</i>		Bladder weed	
<i>Ipomoea purpurea</i>		Common morning glory	
<i>Panicum schinzii</i> (= <i>laevifolium</i>)		Sweet buffalo grass	
<i>Portulaca oleracea</i>		Purslane	
<i>Richardia brasiliensis</i>		Mexican richardia	
<i>Tagetes minuta</i>		Tall Khaki weed	
<i>Tribulus terrestris</i> **		Dubbeltjie	
<i>Urochloa panicoides</i> **		Herringbone grass	
<i>Xanthium strumarium</i> **		Cocklebur	

* Only at highest dosage rate.

** Variable control of these weeds (up to 80 % suppression for a period of 8 weeks):

Consult the **Metolachlor 800 EC**, **2,4-D Amine 480 SL**, **Astron® 480 SC**, **Astron® Smart 500 SC**, **Metolachlor 915 EC/Platinum Plus 915 EC**, **Metolachlor 960 EC/Platinum 960 EC**, **Pentium Plus 915 EC**, **Pentium 960 EC**, **Premium 840 EC**, **Premium 900 EC** and **Villa 51**, labels for **WARNINGS**, **PRECAUTIONS** and **DIRECTIONS FOR USE**.

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

- **METOLACHLOR 800 EC** (L 7433) = **METOLACHLOR 800 EC** (L 7137) = **MAESTRO PLUS 800 EC** (L 8090),
- **METOLACHLOR 915 EC** (L 7841 / N-AR 1361) = **PLATINUM PLUS 915 EC** (L 7844) = **PLATINUM PLUS 915 EC** (L 8249) (**Metolachlor + Benoxacor**),
- **METOLACHLOR 960 EC** (L 7136 / W 130057 / N-AR 1362) = **PLATINUM 960 EC** (L 7434) = **PLATINUM 960 EC** (L 8129),

- **2,4-D AMINE 480 SL** (L 4505 / W 130459 / N-AR 1096) = **AMINO 480 SL** (L 8034) = **2,4-D AMINE SL** (L 8145)
- **VILLA 51** (L 8050 / W 130454 / N-AR 1090) = **WEN 51** (L 8315).
- **ASTRON® 480 SC** (L 8366) = **CANTRON® 480 SC** (L 8365 / W 130651 / N-AR 1323) = **CANONNE 480 SC** (L 8735) (**Mesotrione**),
- **ASTRON® SMART 500 SC** (L 9832) = **CANTRON® SMART 500 SC** (L 9834) = **CANON SMART 500 SC** (L 9937) (**Mesotrione + Glyphosate**),
- **PENTIUM PLUS 915 EC** (L 9741) = **PALLADIUM PLUS 915 EC** (L 9359 / W 1301000) = **PARTISAN PLUS 915 EC** (L 9942) (**S-Metolachlor + Benoxacor**),
- **PENTIUM 960 EC** (L 9830) = **PALLADIUM 960 EC** (L 9360 / W 130772) = **PARTISAN 960 EC** (L 9964) (**S-metolachlor**),
- **PREMIUM 840 EC** (L 8066) = **LEAP 840 EC** (L 8064 / N-AR 1103) = **ARMANN SUPER 840 EC** (L 8373) (**Acetochlor**) and
- **PREMIUM 900 EC** (L 7637) = **ACETOCHLOR 900 EC** (L 7633 / N-AR 1101) = **ARMANN 900 EC** (L 8626).

METOLACHLOR 800 EC, VILLA 51, WEN 51, PLATINUM PLUS 915 EC, PALLADIUM PLUS 915 EC, PALLADIUM 960 EC, LEAP 840 EC, ACETOCHLOR 900 EC and/en **AMINO 480 SL** are registered products of / is geregistreerde produkte van **VILLA CROP PROTECTION (PTY) LTD.**

2,4-D AMINE 480 SL, METOLACHLOR 915 EC, METOLACHLOR 960 EC, PENTIUM PLUS 915 EC, PENTIUM 960 EC, PREMIUM 840 EC, PREMIUM 900 EC and/en **METOLACHLOR 800 EC** are registered products of / is geregistreerde produkte van **UNIVERSAL CROP PROTECTION (PTY) LTD.**

2,4-D AMINE SL, MAESTRO PLUS 800 EC, PLATINUM PLUS 915 EC, ARMANN SUPER 840 EC, ARMANN 900 EC, CANONNE 480 SC, CANON SMART 500 SC, PARTISAN PLUS 915 EC, PARTISAN 960 EC and/en **PLATINUM 960 EC** are registered products of / is geregistreerde produkte van **CROPASURE (PTY) LTD.**

VELOCITY® SUPER, CANTRON® SMART 500 SC and/en **CANTRON® 480 SC** are registered trademarks of / is geregistreerde handelsmerke van **VILLA CROP PROTECTION (PTY) LTD.**

ASTRON® SMART 500 SC and/en **ASTRON® 480 SC** are registered trademarks of / is geregistreerde handelsmerke van **UNIVERSAL CROP PROTECTION (PTY) LTD.**