

ARTEMIS 750 WG

Reg. No. / Nr L11612 Act No. 36 of 1947/ Wet Nr 36 van 1947

HERBICIDE



**READ THE LABEL AND ATTACHED PACKAGED LEAFLET BEFORE USE
KEEP OUT OF REACH OF CHILDREN AND ANIMALS**



HERBICIDE GROUP CODE

2

ONKRUIDDODER GROEPKODE

A water dispersible granule, selective post-emergence grass and broadleaf herbicide for the control of grasses, sorghum species and broadleaf weeds in maize.

'n Water disperseerbare korreloonkruidodder vir die selektiewe beheer van sekere na-opkoms grasse, sorghum spesies en breëblaaronkruid in mielies.

ACTIVE INGREDIENT/AKTIEWE BESTANDDEEL:

nicosulfuron (sulfonyl urea).....750g/kg.....nicosulfuron (sulfonielureum)



WARNING

Hazard Statements:

Causes skin irritation.
Causes serious eye irritation.
Very toxic to aquatic life.

Precautionary Statements:

IF ON SKIN: Wash with plenty of soap and water.
IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
If skin irritation occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.

Batch No:

D.O.M:

D.O.E:

Net Contents:

See reverse of packaging for details.

FOR FULL PARTICULARS SEE ATTACHED PAMPHLET.

VIR VOLLEDIGE BESONDERHEDE KYK AANGEHEGTE ETIKET.

In case of poisoning, call the following number:

Poison Information Helpline (24 hrs) 0861 555 777

Disaster Management Number: Spill Tech 086 100 0366

UN No. / VR Nr: 3077



FARM-AG

REGISTRATION HOLDER/ REGISTRASIEHOUER

Farm Ag International (Pty) Ltd

Reg. Nr.: Reg. No. 2005/011761/07

61 Marshall Drive, Old Mill Industrial Park, Mount Edgecombe, South Africa, 4300

Tel: 031 003 3486



Scan for GHS
and label details

BARCODE

101199

165(H) x 140(W) mm

CYAN

MAG

YEL

BLK

101199

WARNINGS

Hazard Statements:

Causes skin irritation. Causes serious eye irritation. Very toxic to aquatic life.

Pre-Harvest Interval (PHI):

Withholding period: Allow a minimum of **60 days** between application and harvest of maize.

- Handle with care.
- Do not contaminate dams, lakes, rivers or any other body of water.
- Store in a cool, dry place away from food and feedstuff.
- Keep out of reach of children, uninformed persons and animals.
- Damage to the crop may occur should the recommended dosage rate at the recommended time of application be exceeded.
- **Re-entry intervals:** Do not enter treated area within 1 day of application unless wearing protective clothing.

Although this remedy has been extensively tested under a large variety of conditions, the registration holder does not guarantee that it will be effective under all conditions. The activity and effect thereof may be affected by factors such as abnormal soil, climatic and storage conditions, quality of dilution water, compatibility with other substances not indicated on the label and the occurrence of resistance of the pests against the remedy as well as by the method, time and accuracy of application. The registration holder furthermore does not accept responsibility for damage to crops, vegetation, the environment or harm to man or animal or for lack of performance of the remedy concerned due to failure by the user to follow the label instructions, or to the occurrence of conditions which could not have been foreseen in terms of the registration. Consult the supplier in the event of any uncertainty.

PRECAUTIONS

Precautionary Statements

General: If medical advice is needed, have product container or label at hand. Keep out of reach of children. Read carefully and follow all instructions.

Prevention: Wash hands, forearms and face thoroughly after handling. Avoid release to the environment. Wear protective clothing, eye protection, face protection.

Response: IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. Collect spillage.

Disposal: Dispose of contents and container to an approved waste disposal plant.

- Do not eat, drink or smoke whilst mixing or applying the product, or before washing hands and face and a change of clothing.
- Avoid spray drift on to susceptible or edible crops, grazing, rivers, dams and areas not under treatment.
- **Cleaning of Application Equipment:** Special attention and care must be taken with cleaning of all equipment used in the mixing and application of **ARTEMIS 750 WG**, before using it for applications in other crops:
 1. Drain the spray tank and rinse thoroughly with ample water. Flush the pipes, boom and nozzles of applicator with the water.
 2. Drain the spray tank again and fill with clean water.
 3. Add household ammonia to water in the spray tank (1 litre for every 100 litres water) or 1 litre sodium hypochlorite (4.5 %) per 200 litres water.
 4. Bleed the system to ensure that all pipes, booms and nozzles are filled with the ammonia solution.
 5. Leave the ammonia solution in the applicator for at least one hour.
 6. Drain the spray tank and pipe system completely.
 7. **Repeat steps 2 to 6.**
 8. Remove ammonia residues by flushing the system thoroughly with clean water.
 9. Dispose of the rinse water in a responsible manner.

RELEVANT SUBSTANCES:

NAME	PRODUCT IDENTIFIER
Nicosulfuron TC	CAS-No.: 111991-09-4
Morwet D-425 Powder (Naphthalenesulfonic acid, polymer with formaldehyde, sodium salt)	CAS-No.: 9084-06-4
Morwet EFW (sodium alkyl naphthalene sulfonate blend)	CAS-No.: 105864-15-1

RESISTANCE WARNING

For resistance management **ARTEMIS 750 WG** is a HRAC Group Code 2 herbicide. Any weed population may contain individuals naturally resistant to **ARTEMIS 750 WG** and other Group Code 2 herbicides. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds might not be controlled by **ARTEMIS 750 WG** or other Group Code 2 herbicides.

To delay the development of herbicide resistance the following should be done:

- Avoid exclusive and repeated use of herbicides from the same herbicide Group Code. Alternate or tank mix with products from different herbicide groups.
- For tank mixing or alternation with products from another herbicide group, refer to applicable individual product labels
- Where possible, integrate other control methods (chemical, cultural and biological) into weed control programs.

For specific information contact the local distributor agent or the registration holder.

MODE OF ACTION

Selective, systemic herbicide, absorbed by foliage and roots, translocated in xylem and phloem to meristematic tissues.

USE RESTRICTIONS

- The use of **ARTEMIS 750 WG** under certain climatic conditions (e.g. a lengthy wet and cold period) or if such conditions prevail soon after application, temporary yellowing or stunting of the crop may occur.
- Certain cultivars are more susceptible to yellowing and stunting than others and a representative of the relevant seed company should be consulted before planting a field where **ARTEMIS 750 WG** is to be used.
- Do not apply on Sweetcorn, Popcorn or seed maize.
- Do not apply **ARTEMIS 750 WG** in combination with an organophosphate insecticide or within 14 days of an organophosphate application.
- Do not use **ARTEMIS 750 WG** following in-furrow applications of organophosphate granular insecticides, e.g. Terbufos and Phorate.
- The two restrictions mentioned above do not apply to carbamate insecticides. For further information consult the registration holder of this product.
- Follow-up crops: The amount of **ARTEMIS 750 WG** residues remaining in the soil depends on the rate applied, soil pH, organic matter content, time lapsed, climatic and weather conditions since the **ARTEMIS 750 WG** application.

MINIMUM RE-PLANTING INTERVAL

Soil pH below 7.0		Soil pH above 7.0	
Crop	Months	Crop	Months
Maize	0	Maize	0
Cereals (Wheat, Barley, Oats), Soy beans, Dry beans & Sunflowers	8	Cereals (Wheat, Barley, Oats), Soy beans, Dry beans & Sunflowers	12
Sorghum and all other crops	12	Sorghum and all other crops	24

- **ARTEMIS 750 WG** has a limited residual effect on germinating weeds, the control of which is affected by factors such as weed species, soil pH and soil moisture.
- Under no circumstances must unused spray mixture be kept overnight.
- Do not apply **ARTEMIS 750 WG** to maize growing under stressed conditions such as water logging, drought, disease, insect damage or mineral element deficiencies (especially nitrogen).
- For spraying purposes, only use water that has the same quality as that suitable for overhead irrigation.

DIRECTIONS FOR USE: Use only as directed.

COMPATIBILITY:

ARTEMIS 750 WG is compatible with **Amazing 480 SC (L 9725)**, **Farmazine Super 600 SC (L 7537)**, **Buccaneer 960 EC (L 9424)**, **Farmag Acetochlor 900 EC (L 9019)**, **Terbuthylazine 500 SC (L 9328)** and a registered adjuvant (wetter/spreader/penetrant).

When **ARTEMIS 750 WG** is used in conjunction with any other agricultural remedy; adhere to all **WARNINGS, PRECAUTIONS and DIRECTIONS FOR USE** mentioned on that label.

General Application Conditions:

- **ARTEMIS 750 WG** must be applied after emergence of both the crop and the weeds.
- Only prepare sufficient spray mixture for immediate use.

Mixing instructions:

Pre-mixing:

- Pre-mix the required amount of **ARTEMIS 750 WG** in a small amount of water to obtain a "smooth cream" without any remaining granules.

Mixing:

- Half fill the spray tank with clean water.
- Add the pre-mixed, creamed product to the tank through a sieve. Fill the tank to the required final volume with clean water while agitating continuously and then proceed as follows:

High volume (e.g. ground sprayer)

- Add the required amount of adjuvant (wetter/spreader/penetrant) to the spray mixture and wait until the adjuvant is thoroughly mixed, before commencing with application.
- Ensure thorough agitation of the spray mixture at all times.

APPLICATION

Ground Application:

- Apply by means of a tractor mounted boom sprayer, which is correctly calibrated to deliver at least 200 litres of spray mixture per hectare at constant speed and pressure (100 to 200 kPa), to ensure an even distribution and coverage.
- In order to prevent over-application, avoid overlapping of swaths and close the nozzles when starting, moving slowly, turning or stopping.

Drift:

- Avoid spray drift to adjacent crops and all non-target areas.

Adjuvants:

- The use of a suitable registered adjuvant (wetter/spreader/penetrant e.g. Entrée) at the label recommended rate is always recommended.

APPLICATION RATES

CROPS	Soil Type	DOSAGE RATE /HA	REMARKS
MAIZE	All soil types	60 g ARTEMIS 750 WG PLUS an adjuvant (wetter/ spreader/penetrant - at the rate recommended on the relevant label e.g ENTRÉE)	WARNING Refer to antagonism restriction with organophosphate insecticides under "USE RESTRICTIONS" above. Apply as a post-emergence application over the top of the maize. Apply when the crop is in the 2- to 6-leaf stage and after emergence of the weeds. Use drop-arms to direct the spray in-between the rows. • Apply when weeds are actively growing and do not exceed the optimum growth stages indicated below. • Only apply a late second application at 7- to 10-leaf crop stage with drop arm nozzles (directed spray) in order to avoid spraying directly into plant funnel and to ensure that the weeds are not shielded from the spray by the crop's leaves. • Cultivation subsequent to application of ARTEMIS 750 WG may lead to re-growth of rhizomes.

WEEDS NORMALLY CONTROLLED: from seedling (1 to 2 leaves) up to the stage 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>Rottboellia cochinchinensis</i>	Itch grass or guinea-fowl grass	Up to 4 leaves
<i>Setaria pumila</i>	Yellow bristle grass	Up to 4 leaves
Broadleaf weeds:		
<i>Amaranthus thunbergii</i>	Red pigweed	4 leaves
<i>Amaranthus deflexus</i>	Perennial pigweed	4 leaves
<i>Cleome monophylla</i>	Single-leaved cleome	6 leaves
<i>Datura stramonium</i>	Common thorn apple	4 leaves
<i>Schkuhria pinnata</i>	Dwarf marigold	3 leaves
<i>Tagetes minuta</i>	Tall khaki weed	4 leaves
<i>Tribulus terrestris</i>	Devil's thorn	4 leaves
Sorghum species:		
<i>Sorghum bicolor</i>	Common wild sorghum	Up to 7 leaves
<i>Sorghum halepense</i>	Johnson grass	Up to 7 leaves

Post-emergence application of ARTEMIS 750 WG plus Amazing 480 SC plus a registered adjuvant (wetter/spreader/penetrant e.g. ENTRÉE) on maize:

NOTES:

- Re-growth from established grass tufts will not be controlled.
- Use **drop-arm** nozzles to direct application in between rows. This mixture cannot be applied by an aerial application.
- Refer to the **AMAZING 480 SC** label for a complete list of weeds controlled by **AMAZING 480 SC**.
- Adhere to all **USE RESTRICTIONS** and **DIRECTIONS FOR USE** as indicated on the **AMAZING 480 SC** label.

WEEDS NORMALLY CONTROLLED: from seedling (1 to 2 leaves) up to the stage indicated.

ARTEMIS 750 WG 60 g / ha	PLUS AMAZING 480 SC 260 ml / ha	
	PLUS Suitable, registered adjuvant e.g. ENTRÉE	
Botanical name	Common name	Maximum size of weeds at time of application
<i>Panicum schinzii</i>	Sweet buffalo grass	Up to tillering
<i>Rottboellia cochinchinensis</i>	Itch grass or guinea-fowl grass	Up to 4 leaves
<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>	Single-leaved cleome	6 leaves
<i>Datura ferox</i>	Large thorn apple	3 leaves

<i>Datura stramonium</i>	Common thorn apple	4 leaves
<i>Schkuhria pinnata</i>	Dwarf marigold	3 leaves
<i>Tagetes minuta</i>	Tall khaki weed	4 leaves
<i>Tribulus terrestris</i>	Devil's thorn	4 leaves
Sorghum species:		
<i>Sorghum bicolor</i>	Common wild sorghum	Up to 7 leaves
<i>Sorghum halepense</i>	Johnson grass	Up to 7 leaves

Post-emergence application of ARTEMIS 750 WG plus AMAZING 480 SC plus a registered adjuvant (wetter/spreader/penetrant e.g. ENTRÉE) for control of *Sorghum* species and certain broadleaf weeds in maize:

NOTES

- This treatment can be applied as a stand-alone post-emergence application or as a follow up to a pre-emergence application of **Amazing 480 SC** in tank mixture with **Farmag Metolachlor 915 S** as indicated on the registered labels.
- **Buccaneer 960 EC** or **Farmag Acetochlor 900 EC** can be added at 400 to 800 mℓ per hectare to this tank mixture for residual control of grass weeds.
- A suitable, registered adjuvant (wetter/spreader/penetrant e.g. **ENTRÉE**) at the recommended dosage rate must be used with all post-emergence applications of **ARTEMIS 750 WG** plus **Amazing 480 SC**, as indicated on the registered label.
- Do not apply this mixture aerially.
- Apply with drop-arm nozzles (directed spray) in order to avoid spraying directly into plant funnel and to ensure that the weeds are not shielded from the spray by the crop's leaves.
- Refer to the **Amazing 480 SC** and **Terbuthylazine 500 SC** or **Farmazine Super 600 SC** labels for a complete list of weeds controlled by these products.
- Adhere to all **USE RESTRICTIONS** and **DIRECTIONS FOR USE** as indicated on the **Amazing 480 SC** and **Terbuthylazine 500 SC** or **Farmazine Super 600 SC** label.

ARTEMIS 750 WDG 60 g / ha + Amazing 480 SC 210 to 260 ml / ha	PLUS Terbuthylazine 500 SC 960 ml	OR PLUS Farmazine Super 600 SC 800 ml / ha	PLUS A registered adjuvant (wetter/spreader/ penetrant) at the recommended rate) e.g. ENTRÉE
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>Rottboellia cochinchinensis</i>	Itch grass or guinea-fowl grass	Up to 4 leaves	
<i>Setaria pallide-fusca</i>	Red bristle grass	Up to 4 leaves	
Broadleaf weeds:			
<i>Acanthospermum hispidum</i>	Upright starbur	6 leaf	
<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>Bidens pilosa</i>	Common blackjack	6 leaf	

<i>Cleome monophylla</i>	Single-leaved cleome	6 leaves
<i>Commelina benghalensis</i>	Wandering Jew	6 leaf
<i>Datura ferox</i>	Large thorn apple	3 leaves
<i>Datura stramonium</i>	Common thorn apple	4 leaves
<i>Galinsoga parviflora</i>	Small-flowered quickweed	6 leaf
<i>Portulaca oleracea</i>	Purslane	6 leaf
<i>Richardia brasiliensis</i>	Mexican Richardia	6 leaf
<i>Schkuhria pinnata</i>	Dwarf marigold	3 leaves
<i>Tagetes minuta</i>	Tall khaki weed	4 leaves
<i>Tribulus terrestris</i>	Devil's thorn	4 leaves
<i>Xanthium strumarium</i> *	Large cocklebur	6 leaf
Sorghum species:		
<i>Sorghum bicolor</i>	Common wild sorghum	Up to 7 leaves
<i>Sorghum halepense</i>	Johnson grass	Up to 7 leaves

* Only at highest recommended dosage rates.

NOTE

Higher dosage rates of **Farmazine Super 600 SC** or **Terbuthylazine 500 SC** may be applied for control of additional broadleaf weed species, difficult to control weeds, high weed pressure situations and longer residual control of broadleaf weeds. Refer to the **Farmazine Super 600 SC** or **Terbuthylazine 500 SC** labels for dosage rates, and a list of additional weeds controlled by this product.

Consult the labels for **Amazing 480 SC**, **Farmazine Super 600 SC**, **Buccaneer 960 (L9424)** **Farmag Acetochlor 900 EC**, **Terbuthylazine 500 SC** and registered Adjuvant used for appropriate **WARNINGS, PRECAUTIONS and DIRECTIONS FOR USE**.

The registration holders of the following products mentioned in this label are **Castle Ag-Chem (Pty) Ltd** and **Cedar Falls Properties 130 (Pty) Ltd**, all of which are wholly owned subsidiaries of **FarmAg International (Pty) Ltd**.

Amazing 480 SC (L 9725) registered by Cedar Falls Properties 130 (Pty) Ltd.

Buccaneer 960 (L 9424), registered by Cedar Falls Properties 130 (Pty) Ltd.

Farmag Acetochlor 900 EC (L 9019), registered by Cedar Falls Properties 130 (Pty) Ltd.

Terbuthylazine 500 SC (L 9328), registered by Cedar Falls Properties 130 (Pty) Ltd.

Farmag Metolachlor 915 S (L 7179), registered by Castle Ag-chem (Pty) Ltd

Farmazine Super 600 SC (L 7537), registered by Castle Ag-chem (Pty) Ltd.

ENTREE (L8055) registered by Miller Chemicals / Hygrotech)

WAARSKUWINGS

Gevaarstellings:

Veroorsaak velirritasie. Veroorsaak ernstige oogirritasie. Baie giftig vir waterlewe.

Voor-oes interval (PHI):

Onthoudingsperiode: Laat 'n minimum van 60 dae toe tussen toediening en oes van mielies.

- Hanteer versigtig.
- Moet nie damme, mere, riviere of enige ander watermassa besoedel nie.
- Berg in 'n koel, droë plek weg van voedsel en voer.
- Hou buite bereik van kinders, oningeligte persone en diere.
- Skade aan die gewas mag voorkom indien die aanbevole dosis op die aanbevole tyd van toediening oorskry word.
- **Herbetredingsintervalle:** Moet nie behandelde area binne 1 dag na toediening betree nie, tensy beskermende klere gedra word.

Alhoewel hierdie middel omvattend onder 'n groot verskeidenheid toestande getoets is, waarborg die registrasiehouer nie dat dit onder alle toestande effektief sal wees nie. Die aktiwiteit en effek daarvan kan beïnvloed word deur faktore soos abnormale grond-, klimaat- en bergingstoestande, kwaliteit van verdunningswater, verenigbaarheid met ander stowwe wat nie op die etiket aangedui word nie en die voorkoms van weerstand van die plaë teen die middel asook deur die metode, tyd en akkuraatheid van toediening. Die registrasiehouer aanvaar verder nie verantwoordelikheid vir skade aan gewasse, plantegroei, die omgewing of skade aan mens of dier of vir gebrekkige werkverrigting van die betrokke middel as gevolg van die versium deur die gebruiker om die etiketinstruksies te volg, of die voorkoms van toestande nie. wat nie ingevolge die registrasie voorsien kon word nie. Raadpleeg die verskaffer in die geval van enige onsekerheid.

VOORSORGMATREËLS

Voorsorgstellings

Algemeen: Indien mediese advies benodig word, hou produkhouer of etiket byderhand. Hou buite bereik van kinders. Lees aandagtig deur en volg alle instruksies.

Voorkoming: Was hande, voorarms en gesig deeglik na hantering. Vermy vrylating na die omgewing. Dra beskermende klere, oogbeskerming, gesigbeskerming.

Reaksie: INDIEN OP DIE VEL: Was met baie seep en water. INDIEN IN OË: Spoel versigtig uit met water vir 'n paar minute. Verwyder kontaklense, indien teenwoordig en maklik om te doen. Gaan voort met spoel. Indien velirritasie voorkom: Kry mediese advies/aandag. Indien oogirritasie voortduur: Kry mediese advies/aandag. Trek besoedelde klere uit en was dit voor hergebruik. Versamel gemors.

Wegdoening: Gooi inhoud en houër weg na 'n goedgekeurde afvalverwyderingsaanleg.

- Moet nie eet, drink of rook tydens vermenging of toediening van die produk, of voordat hande en gesig gewas is en klere aangetrek is nie.
- Vermoegdrywing van spuitnewel na vatbare of eetbare gewasse, weiding, riviere, damme en areas nie onder behandeling nie.
- **Skoonmaak van toedieningstoerusting:** Spesiale aandag en sorg moet geneem word met die skoonmaak van alle toerusting wat gebruik word in die vermenging en toediening van **ARTEMIS 750 WG**, voordat dit vir toedienings in ander gewasse gebruik word:
 1. Dreineer die spuittenk en spoel deeglik uit met genoeg water. Spoel die pype, balk en spuitpunte van toediener met die water.
 2. Dreineer die spuittenk weer en vul met skoon water.
 3. Voeg huishoudelike ammoniak by water in die spuittenk (1 liter vir elke 100 liter water) of 1 liter natriumhipochloriet (4.5 %) per 200 liter water.
 4. Bloei die stelsel om te verseker dat alle pype, valbalke en spuitpunte met die ammoniakoplossing gevul is.
 5. Laat die ammoniakoplossing vir minstens een uur in die toediener.
 6. Dreineer die spuittenk en pypstelsel heeltemal.
 7. **Herhaal stappe 2 tot 6.**
 8. Verwyder ammoniakreste deur die stelsel deeglik met skoon water te spoel.
 9. Gooi die spoelwater op 'n verantwoordelike wyse weg.

RELEVANTE STOWWE

NAAM	PRODUK IDENTIFISEERDER
Nicosulfuron TS	CAS-Nr.: 111991-09-4
Morwet D-425 Poeier (naftaleensulfonsuur, polimeer met formaldehyd, natriumsout)	CAS-Nr.: 9084-06-4
Morwet EFW (natriumkielnaftaleensulfonaatmengsel)	CAS-Nr.: 105864-15-1

WEERSTANDSWAARSKUWING

Vir weerstandsbestuur is **ARTEMIS 750 WG** 'n HRAC Groepkode 2 onkruidodder. Enige onkruidpopulasie mag individue bevat wat natuurlik weerstandbiedend is teen **ARTEMIS 750 WG** en ander Groepkode 2 onkruidodders. Die weerstandbiedende individue kan uiteindelik die onkruidpopulasie oorheers indien hierdie onkruidodders herhaaldelik gebruik word. Hierdie weerstandbiedende onkruide sal dalk nie deur **ARTEMIS 750 WG** of ander Groepkode 2 onkruidodders beheer word nie.

Om die ontwikkeling van onkruidodderweerstand te vertraag, moet die volgende gedoen word:

- Vermoed die eksklusiewe en herhaaldelike gebruik van onkruidodders van dieselfde onkruidoddergroepkode. Wissel af of tenkmengsels met produkte van verskillende onkruidoddergroepe.
- Vir tenkmenging of afwisseling met produkte van 'n ander onkruidoddergroep, verwys na toepaslike individuele produketikette.
- Waar moontlik, integreer ander beheermetodes (chemies, verbouing en biologies) in onkruidbeheerprogramme.

Vir spesifieke inligting kontak die plaaslike verspreider agent of die registrasiehouer.

WYSE VAN AKSIE

Selektiewe, sistemiese onkruidodder, geabsorbeer deur blare en wortels, getranslokeer in xileem en floëem na meristematiese weefsels.

GEBRUIKSBEPERKINGS

- Die gebruik van **ARTEMIS 750 WG** onder sekere klimaatstoestande (bv. 'n lang nat en koue periode) of indien sulke toestande kort na toediening heers, kan tydelike vergeling of verdwering van die gewas voorkom.
- Sekere kultivars is meer vatbaar vir vergeling en verdwering as ander en 'n verteenwoordiger van die betrokke saadmaatskappy moet geraadpleeg word voordat 'n land geplant word waar **ARTEMIS 750 WG** gebruik gaan word.
- Moet nie op Suikermielies, Springmielies of saadmielies toedien nie.
- Moet nie **ARTEMIS 750 WG** in kombinasie met 'n organofosfaat insekdoder of binne 14 dae na 'n organofosfaat toediening toedien nie.
- Moet nie **ARTEMIS 750 WG** gebruik na in-voor toedienings van organofosfaat korrel insekdoders, bv. Terbufos en Foraaf.
- Die twee beperkings hierbo genoem is nie van toepassing op karbamaat insekdoders nie. Raadpleeg die registrasiehouer van hierdie produk vir verdere inligting.
- Opvolggewasse: Die hoeveelheid **ARTEMIS 750 WG**-reste wat in die grond oorbly hang af van die dosis toegedien, grond-pH, organiese materiaal-inhoud, tydsvlerloop, klimaat- en weerstoestande sedert die **ARTEMIS 750 WG** toediening.

MINIMUM HERPLANT-INTERVAL

Grond pH onder 7,0		Grond pH bo 7,0	
Gewas	Maande	Gewas	Maande
Mielies	0	Mielies	0
Graangewasse (koring, gars, hawer), sojabone, droëbone en sonneblomme	8	Graangewasse (koring, gars, hawer), sojabone, droëbone en sonneblomme	12
Sorghum en alle ander gewasse	12	Sorghum en alle ander gewasse	24

- **ARTEMIS 750 WG** het 'n beperkte nawerking op ontkiemende onkruide, waarvan die beheer beïnvloed word deur faktore soos onkruidspesies, grond pH en grondvog.
- Ongebruikte spuitmengsel moet onder geen omstandighede oornag gehou word nie.
- Moet nie **ARTEMIS 750 WG** toedien op mielies wat onder stresstoestande soos versuiping, droogte, siektes, insekskade of mineraalelementtekorte (veral stikstof) groei, toedien nie.
- Vir spuitdoeleindes, gebruik slegs water wat dieselfde kwaliteit het as dié wat geskik is vir oorhoofse besproeiing.

GEBRUIKSAANWYSINGS: **Gebruik slegs soos aangedui**

VERENIGBAARHEID

ARTEMIS 750 WG is verenigbaar met **Amazing 480 SC (L 9725)**, **Farmazine Super 600 SC (L 7537)**, **Buccaneer 960 EC (L 9424)**, **Farmag Acetochlor 900 EC (L 9019)**, **Terbutylazine 500 SC (L 9328)** en 'n geregistreerde byvoegmiddel (benatter/strooier/penetrant).

Wanneer **ARTEMIS 750 WG** saam met enige ander landboumiddel gebruik word; voldoen aan alle **WAARSKUWINGS, VOORSORGMATREËLS** en **GEBRUIKSAANWYSINGS** wat op daardie etiket genoem word.

Algemene toepassingsvoorwaardes:

- **ARTEMIS 750 WG** moet toegedien word na opkoms van beide die gewas en die onkruid.
- Berei slegs voldoende spuitmengsel voor vir onmiddellike gebruik.

Menginstruksies:

Voorvermenging:

- Meng vooraf die benodigde hoeveelheid **ARTEMIS 750 WG** in 'n klein hoeveelheid water om 'n "gladde room" te verkry sonder enige oorblywende korrels.

Meng:

- Maak die spuittenk halfvol met skoon water.
- Voeg die voorafgemengde, geroemde produk by die tenk deur 'n sif. Vul die tenk tot die verlangde finale volume met skoon water terwyl aanhoudend geroer word en gaan dan soos volg voort:

Hoë volume (bv. grondspuit):

- Voeg die benodigde hoeveelheid byvoegmiddel (benatter/strooier/penetrant) by die spuitmengsel en wag totdat die byvoegmiddel deeglik gemeng is, voordat met toediening begin word.
- Verseker te alle tye deeglike roering van die spuitmengsel.

TOEDIENING

Grond Toediening:

- Dien toe deur middel van 'n trekker gemonteerde balkspuit, wat korrek gekalibreer is om ten minste 200 liter spuitmengsel per hektaar teen konstante spoed en druk (100 tot 200 kPa) te lewer, om 'n egalige verspreiding en bedekking te verseker.
- Om oortoediening te voorkom, vermy oorvleueling van bane en maak die spuitpunte toe wanneer jy begin, stadig beweeg, draai of stop.

Drywing:

- Vermy wegdrywing van spuitnewel na aangrensende gewasse en alle nie-teiken areas.

Bymiddels:

- Die gebruik van 'n geskikte geregistreerde byvoegmiddel (benatter/strooier/penetrant bv. **Entrée**) teen die etiket aanbevole dosis word altyd aanbeveel.

TOEDIENINGSHOEVEELHEDE

CROPS	Soil Type	DOSAGE RATE /HA	REMARKS
MIELIES	Alle grondtipes	60 g ARTEMIS 750 WG PLUS 'n byvoegmiddel (benatter/strooier/ penetrant - teen die dosis aanbeveel op die betrokke etiket, bv. ENTRÉE)	WAARSKUWING Verwys na antagonisme beperking met organofosfaat insekdoders onder "GEBRUIKBEPERKINGS" hierbo. Dien toe as 'n na-opkoms toediening oor die bokant van die mielies. Dien toe wanneer die gewas in die 2- tot 6-blaarstadium is en na opkoms van die onkruid. Gebruik valarms om die spuitmiddel tussen die rye in te rig. • Dien toe wanneer onkruid aktief groei en moenie die optimum groeistadiums soos hieronder aangedui oorskry nie. • Dien slegs 'n laat tweede toediening op 7- tot 10-blaargewas stadium toe met valarmspuitpunte (gerigte bespuiting) om te verhoed dat direk in plantregter gespuit word en om te verseker dat die onkruid nie deur die gewas se blare van die bespuiting beskerm word nie. • Verbouing na toediening van ARTEMIS 750 WG kan lei tot hergroei van risome.

ONKRUIDE NORMAAL BEHEER: vanaf saailing (1 tot 2 blare) tot die stadium aangedui.

Botaniese naam	Algemene naam	Maksimum grootte van onkruid ten tye van toediening
Grasse:		
<i>Panicum schinzii</i>	Soetbuffelsgras	Tot by die bewerking stadium
<i>Rottboellia cochinchinensis</i>	Tarentaalgras	Tot 4 blare
<i>Setaria pumila</i>	Rooiborselgras	Tot 4 blare
Breëblaar onkruid:		
<i>Amaranthus thunbergii</i>	Rooimisbriedie	4 blare
<i>Amaranthus deflexus</i>	Meerjarige misbriedie	4 blare
<i>Cleome monophylla</i>	Rusperbossie	6 blare
<i>Datura stramonium</i>	Stinkblaar	4 blare
<i>Schkuhria pinnata</i>	Kleinkakiebos	3 blare
<i>Tagetes minuta</i>	Kakiebos	4 blare
<i>Tribulus terrestris</i>	Gewone dubbeltjie	4 blare
Sorghum spesies:		
<i>Sorghum bicolor</i>	Wilde graansorghum	Tot 7 blare
<i>Sorghum halepense</i>	Johnsongras	Tot 7 blare

Na-opkoms toediening van ARTEMIS 750 WG plus Amazing 480 SC plus 'n geregistreerde byvoegmiddel (benatter/strooier/penetrant bv. ENTRÉE) op mielies:

NOTAS:

- Hergroei van gevestigde graspolle sal nie beheer word nie.
- Gebruik **valarmspuitpunte** om toediening tussen rye te rig. Hierdie mengsel kan nie deur 'n lugtoediening toegedien word nie.
- Verwys na die **AMAZING 480 SC** etiket vir 'n volledige lys van onkruid wat deur **AMAZING 480 SC** beheer word.
- Voldoen aan alle **GEBRUIKSBEPERKINGS** en **GEBRUIKSAANWYSINGS** soos aangedui op die **AMAZING 480 SC** etiket.

ONKRUIDE NORMAAL BEHEER: vanaf saailing (1 tot 2 blare) tot die stadium aangedui.

ARTEMIS 750 WG 60 g / ha	PLUS AMAZING 480 SC 260 ml / ha	
	PLUS Gesikhte, geregistreerde bymiddel bv. ENTRÉE	
Botaniese naam	Algemene naam	Maksimum grootte van onkruid ten tye van toediening
<i>Panicum schinzii</i>	Soetbuffelsgras	Tot by die bewerking stadium
<i>Rottboellia cochinchinensis</i>	Tarentaalgras	Tot 4 blare
<i>Setaria pallide-fusca</i>	Rooiborselgras	Tot 4 blare
Breëblaar onkruid:		
<i>Amaranthus hybridus</i>	Gewone misbriedie	4 blare
<i>Amaranthus thunbergii</i>	Rooimisbriedie	4 blare
<i>Amaranthus deflexus</i>	Meerjarige misbriedie	4 blare
<i>Cleome monophylla</i>	Rusperbossie	6 blare

<i>Datura ferox</i>	Grootstinkblaar	3 blare
<i>Datura stramonium</i>	Stinkblaar	4 blare
<i>Schkuhria pinnata</i>	Kleinkakiebos	3 blare
<i>Tagetes minuta</i>	Kakiebos	4 blare
<i>Tribulus terrestris</i>	Gewone dubbeltjie	4 blare
Sorghum spesies:		
<i>Sorghum bicolor</i>	Wilde graansorghum	Tot 7 blare
<i>Sorghum halepense</i>	Johnsongras	Tot 7 blare

Na-opkoms toediening van ARTEMIS 750 WG plus AMAZING 480 SC plus 'n geregistreerde byvoegmiddel (benatter/strooier/penetrant bv. ENTRÉE) vir beheer van *Sorghum* spesies en sekere breëblaaronkruid in mielies:

NOTAS

- Hierdie behandeling kan toegedien word as 'n alleenstaande na-opkoms toediening of as 'n opvolg op 'n vooropkoms toediening van **Amazing 480 SC** in tenkmengsel met **Farmag Metolachlor 915 S** soos aangedui op die geregistreerde etikette.
- Buccaneer 960 EC of Farmag Acetochlor 900 EC** kan teen 400 tot 800 ml per hektaar by hierdie tenkmengsel gevoeg word vir residuele beheer van grasonkruid.
- 'n Geskikte, geregistreerde byvoegmiddel (benatter/strooier/penetrant bv. **ENTRÉE**) teen die aanbevole dosis moet gebruik word met alle na-opkoms toedienings van **ARTEMIS 750 WG** plus **Amazing 480 SC**, soos aangedui op die geregistreerde etiket.
- Moet nie hierdie mengsel uit die lug toedien nie.
- Dien toe met valarmspuitpunte (gerigte bespuiting) om te verhoed dat direk in planttregrer gespuit word en om te verseker dat die onkruid nie deur die gewas se blare van die bespuiting beskerm word nie.
- Verwys na die **Amazing 480 SC** en **Terbuthylazine 500 SC** of **Farmazine Super 600 SC** etikette vir 'n volledige lys van onkruid wat deur hierdie produkte beheer word.
- Voldoen aan alle **GEBRUIKSBEPERKINGS** en **GEBRUIKSAANWYSINGS** soos aangedui op die **Amazing 480 SC** en **Terbuthylazine 500 SC** of **Farmazine Super 600 SC** etiket.

ARTEMIS 750 WDG 60 g / ha + Amazing 480 SC 210 to 260 ml / ha	PLUS Terbuthylazine 500 SC 960 ml	OR PLUS Farmazine Super 600 SC 800 ml / ha	PLUS 'n Geregistreerde bymiddel (benatter/ strooier/penetrant) teen die aanbevole tarief) bv. ENTREE
ONKRUIDE NORMAAL BEHEER Van saailing (1 tot 2 blare) tot stadium soos aangedui.			
Botaniese naam	Algemene naam		Maksimum grootte van onkruid ten tye van toediening
Grasse:			
<i>Panicum schinzii</i>	Soetbuffelsgras		Tot by die bewerking stadium
<i>Rottboellia cochinchinensis</i>	Tarentaalgras		Tot 4 blare
<i>Setaria pallide-fusca</i>	Rooi borselgras		Tot 4 blare
Broadleaf weeds:			
<i>Acanthospermum hispidum</i>	Regopstertklits		6 blaar
<i>Amaranthus hybridus</i>	Gewone misbriedie		4 blare
<i>Amaranthus thunbergii</i>	Roomisbriedie		4 blare
<i>Amaranthus deflexus</i>	Meerjarige misbriedie		4 blare

<i>Bidens pilosa</i>	Knapsekêrel	6 blaar
<i>Cleome monophylla</i>	Rusperbossie	6 blare
<i>Commelina benghalensis</i>	Bengaalse wandelende jood	6 blaar
<i>Datura ferox</i>	Grootstinkblaar	3 blare
<i>Datura stramonium</i>	Stinkblaar	4 blare
<i>Galinsoga parviflora</i>	Knopkruid	6 blaar
<i>Portulaca oleracea</i>	Porselein	6 blaar
<i>Richardia brasiliensis</i>	Tropiese Richardia	6 blaar
<i>Schkuhria pinnata</i>	Kleinkakiebos	3 blare
<i>Tagetes minuta</i>	Kakiebos	4 blare
<i>Tribulus terrestris</i>	Gewone dubbeltjie	4 blare
<i>Xanthium strumarium</i> *	Kankerroos	6 blaar
Sorghum spesies:		
<i>Sorghum bicolor</i>	Wilde graansorghum	Tot 7 blare
<i>Sorghum halepense</i>	Johnsongras	Tot 7 blare

* Slegs teen die hoogste aanbevole dosisse.

NOTA

Hoër dosisse van **Farmazine Super 600 SC** of **Terbuthylazine 500 SC** kan toegedien word vir die beheer van addisionele breëblaaronkruidespesies, moeilik beheerbare onkruid, hoë onkruiddruk situasies en langer residuele beheer van breëblaaronkruid. Verwys na die **Farmazine Super 600 SC** of **Terbuthylazine 500 SC** etikette vir dosisse, en 'n lys van bykomende onkruid wat deur hierdie produk beheer word.

Raadpleeg die etikette vir **Amazing 480 SC**, **Farmazine Super 600 SC**, **Buccaneer 960 (L9424)** **Farmag Acetochlor 900 EC**, **Terbuthylazine 500 SC** en geregistreerde bymiddel wat gebruik word vir toepaslike **WAARSKUWINGS**, **VOORSORGMATREËLS** en **GEBRUIKSAANWYSINGS**.

Die registrasiehouers van die volgende produkte wat in hierdie etiket genoem word, is **Castle Ag-Chem (Edms) Bpk** en **Cedar Falls Properties 130 (Edms) Bpk**, wat almal filiale van **FarmAg International (Edms) Bpk** is.

Amazing 480 SC (L 9725), geregistreer deur Cedar Falls Properties 130 (Edms) Bpk.
Buccaneer 960 (L 9424), geregistreer deur Cedar Falls Properties 130 (Edms) Bpk.
Farmag Acetochlor 900 EC (L 9019), geregistreer deur Cedar Falls Properties 130 (Edms) Bpk.
Terbuthylazine 500 SC (L 9328), geregistreer deur Cedar Falls Properties 130 (Edms) Bpk.
Farmag Metolachlor 915 S (L 7179), geregistreer deur Castle Ag-chem (Edms) Bpk.
Farmazine Super 600 SC (L 7537), geregistreer deur Castle Ag-chem (Edms) Bpk.
ENTRÉE (L8055), geregistreer deur Miller Chemicals / Hygrotech)



ARTEMIS 750 WG

Reg. No. / Nr L11612 Act No. 36 of 1947/ Wet Nr 36 van 1947

HERBICIDE



**READ THE LABEL AND ATTACHED PACKAGED LEAFLET BEFORE USE
KEEP OUT OF REACH OF CHILDREN AND ANIMALS**



HERBICIDE GROUP CODE

2

ONKRUIDDODER GROEPKODE

A water dispersible granule, selective post-emergence grass and broadleaf herbicide for the control of grasses, sorghum species and broadleaf weeds in maize.

'n Water disperseerbare korreloonkruidodder vir die selektiewe beheer van sekere na-opkoms grasse, sorghum spesies en breëblaaronkruid in mielies.

ACTIVE INGREDIENT/AKTIEWE BESTANDDEEL:

nicosulfuron (sulfonyl urea).....750g/kg.....nicosulfuron (sulfonielureum)



WARNING

Hazard Statements:

Causes skin irritation.

Causes serious eye irritation.

Very toxic to aquatic life.

Precautionary Statements:

IF ON SKIN: Wash with plenty of soap and water.

IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

If skin irritation occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

Batch No:

D.O.M:

D.O.E:

Net Contents:

See reverse of packaging for details.

FOR FULL PARTICULARS SEE ATTACHED PAMPHLET.

VIR VOLLEDIGE BESONDERHEDE KYK AANGEHEGTE ETIKET.

In case of poisoning, call the following number:

Poison Information Helpline (24 hrs) 0861 555 777

Disaster Management Number: Spill Tech 086 100 0366

UN No. / VR Nr: 3077



FARM AG

REGISTRATION HOLDER/ REGISTRASIEHOUER

Farm Ag International (Pty) Ltd

Reg. Nr.: Reg. No. 2005/011761/07

61 Marshall Drive, Old Mill Industrial Park, Mount
Edgecombe, South Africa, 4300

Tel: 031 003 3486



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