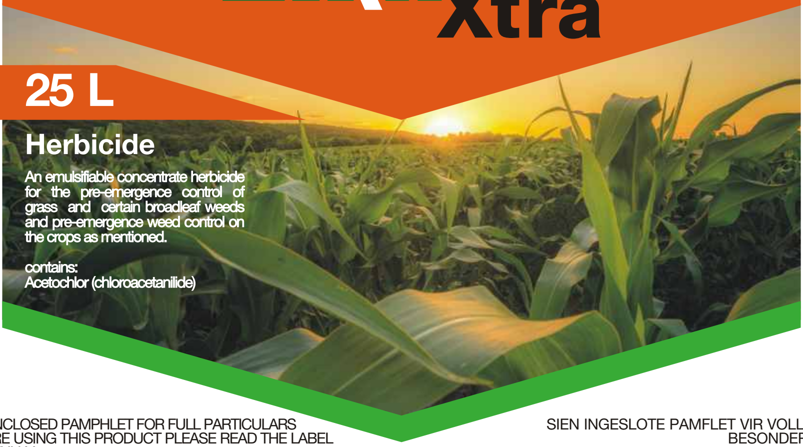
Sample Label

HARNESS® Xtra

25 L



Herbicide

An emulsifiable concentrate herbicide for the pre-emergence control of grass and certain broadleaf weeds and pre-emergence weed control on the crops as mentioned.

contains:
Acetochlor (chloroacetanilide)

SEE ENCLOSED PAMPHLET FOR FULL PARTICULARS
BEFORE USING THIS PRODUCT PLEASE READ THE LABEL CAREFULLY

SIEN INGESLOTE PAMFLET VIR VOLLEDIGE BESONDERHEDE

Reg. No. L7703 (Act No. 36 of 1947)
Botswana Reg. No. W1301705 (Act. No. 18 of 1999)

An emulsifiable concentrate herbicide for the pre-emergence control of grass and certain broadleaf weeds in groundnuts, sugarcane, Eucalyptus and pine plantations and industrial areas, and pre- emergence weed control in plant and ratoon sugarcane, grain sorghum, cotton and maize after emergence of the crop.

Reg. Nr. L7703 (Wet Nr. 36 van 1947)

'n Emulgeerbare konsentraat onkruiddoder vir die vooropkomsbeheer van gras- en sekere breeblaaronkruide in grondbone, suikerriet, Eucalyptus- en denneplantasies en industriele areas, en vir voor-opkomsbeheer in plant en opslag suikerriet, graansorghum, katoen en mielies na-opkoms van die gewas.

GROUP / GROEP | K3 | HERBICIDE / ONKRUIDDODER

Active ingredient:
Acetochlor (chloroacetanilide).................................... 960 g/ℓ

Aktiewe bestanddeel:
Acetochloor (chloorasetanilied)............................. 960 g/ℓ

DANGER

HAZARD STATEMENTS:
Harmful if inhaled. May cause an allergic skin reaction. Causes serious eye irritation. May cause respiratory irritation. May cause damage to organs (kidney) through prolonged or repeated exposure if swallowed. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS:
Do not breathe dust/ fume/ gas/ mist/ vapours/ spray. Wear protective gloves/ protective clothing/ eye protection/ face protection

REGISTERED BY / GEREGISTREER DEUR: Bayer (Pty) Ltd / (Edms) Bpk
Reg. 1968/011192/07
P.O. Box/Posbus 143, Isando, 1600 South Africa/Suid-Afrika TEL: (OFFICE HOURS) / (KANTOORURE) (011) 921 5911
IN CASE OF POISONING PLEASE PHONE / IN GEVAL VAN VERGIFTIGING SKAKEL ASSEBLIEF: 086 155 5777
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BATCH NUMBER / LOTNOMMER: See on pack
DATE OF MANUFACTURE / DATUM VERVAARDIG: Sien op houer

UN No. / VN Nr.: 3082

RSA/0424/Harness Xtra 25 L/Sales Panel Code: ZA86784815E

WARNINGS:

HAZARD STATEMENTS:
- Harmful if inhaled.
- May cause an allergic skin reaction.
- Causes serious eye irritation.
- May cause respiratory irritation.
- May cause damage to organs (kidney) through prolonged or repeated exposure if swallowed.
- Very toxic to aquatic life with long lasting effects.

Store in a cool place away from food, feed, seed and other agricultural remedies.
Keep out of reach of children, uninformed persons and animals.
RE-ENTRY: Do not enter treated area within 12 hours of spraying unless wearing protective clothing

ALTHOUGH THIS REMEDY HAS BEEN EXTENSIVELY TESTED UNDER A LARGE VARIETY OF CONDITIONS THE REGISTRATION HOLDER DOES NOT WARRANT THAT IT WILL BE EFFICACIOUS UNDER ALL CONDITIONS BECAUSE THE ACTION AND EFFECT THEREOF MAY BE AFFECTED BY FACTORS SUCH AS ABNORMAL SOIL, CLIMATIC AND STORAGE CONDITIONS, QUALITY OF DILUTION WATER, COMPATIBILITY WITH OTHER SUBSTANCES NOT INDICATED ON THE LABEL AND THE OCCURRENCE OF RESISTANCE OF THE WEEDS TO 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/ fume/ gas/ mist/ vapours/ spray.
- Wear protective gloves/ protective clothing/ eye protection/ face protection.

Handle with care.
Do not breathe in fumes or spray mist.
Wear rubber gloves when handling concentrate.
In case of contact with skin or eyes, wash immediately with plenty of water and in the case of eyes, get medical attention if necessary.
Do not smoke, eat or drink while using, or before washing and change of clothing.
Prevent drift and/or contamination onto any crops, grazing, rivers, dams or any other areas not under treatment.
Prevent contamination of drinking water, eating utensils, food, feedstuff, seed, fertilizers and other agricultural chemicals.
The container is rinsed by filling one quarter to one-third with clean water, replacing the cap and shaking vigorously for 30 seconds. The rinse is then added to the contents of the spray tank. This rinsing procedure is repeated a further two times (i.e. three times in all) with a final draining into the spray tank. Rinsed containers should then be punctured and stored safely with their caps off until they can be properly disposed of.
Do not re-use the empty container for any other purpose.

RELEVANT SUBSTANCES:

Components	Concentration (%)
Acetochlor	86.5
Calcium dodecylbenzenesulphonate	>1 - <3
2-Ethylhexanol	>1 - <3

RESISTANCE WARNING:
For resistance management, **HARNESS XTRA** is a group code K3 herbicide. Any weed population may contain individuals naturally resistant to **HARNESS XTRA** and other group code K3 herbicides. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds may not be controlled by **HARNESS XTRA** or any other group code K3 herbicide.

To delay herbicide resistance:
- Avoid exclusive, repeated use of herbicides from the same herbicide Group Code. Alternate or tank mix with registered products from different herbicide group codes.
- Integrate other control methods [chemical, cultural, biological] in weed control programmes.

For specific information on resistance management contact the registration holder of this product.

DIRECTIONS FOR USE: USE ONLY AS DIRECTED

General information

Do NOT apply **HARNESS XTRA** onto experimental or newly released cultivars without referring to the manufacturer and seed suppliers before application.
Read the restrictions on rotation crops on the labels of herbicides mixed with **HARNESS XTRA**.
Do not apply **HARNESS XTRA** to poorly drained soils as the herbicide may cause crop injury in cases of water- logging.
Do not apply **HARNESS XTRA** to sandy soils which are susceptible to wind erosion.
Flood irrigation can reduce weed control performance.
Optimum weed control is obtained on a fine even seedbed, free of weeds, trash and clods. However, **HARNESS XTRA** will give weed control in stubble mulch or minimum tillage conditions.

MIXING INSTRUCTIONS:

When mixing **HARNESS XTRA** with other herbicides or using in a program spray, read the labels of all the involved products and adhere to the manufacturer's recommendations.
Shake container well before use. Close container securely after use.
When mixing **HARNESS XTRA** with other registered herbicides, use the following mixing procedure chronologically:

a. Fill spray tank to three-quarters with clean water. Add the required amount of complementary herbicide to the water, agitating continuously.
b. Continue filling the spray tank with water and add the required amount of **HARNESS XTRA** just before the tank is filled to its full level.
c. Ensure thorough agitation of the mixture in the tank during mixing and spraying.
d. Tank mixtures must be sprayed out immediately and not allowed to stand in the spray tank overnight.
e. Thoroughly flush out and clean spraying equipment at the end of the spraying operation.

APPLICATION INFORMATION:

- Ensure that spray equipment is accurately calibrated and regularly checked before and during the spraying operation.
- Apply **HARNESS XTRA** tank mixtures in groundnuts and plant sugarcane preferably at planting or immediately after planting. Use 100 - 300 ℓ/ha total spray volume for overall ground application.
- 10 - 15 mm rain within 7 to 10 days after application is necessary for good weed control.
- For **optimum weed control**, seedbed preparation should take place within 3 days before planting, which is followed immediately or within 3 days by the **HARNESS XTRA** application.
- Under dry conditions, weed seedlings may emerge. These are usually stunted and can be controlled with either a shallow cultivation, which also mixes the herbicide with the top 10-20 mm of soil, or with a recommended post-emerge herbicide treatment.
- Cultivation after application may reduce weed control if untreated soil is brought to the surface.
- Ensure that sufficient fertilizer is placed near the seed at planting to promote vigorous seedling growth. This is especially important with early planting when the soil temperature is relatively low accompanied by continuous moist conditions.
- Dosage rates and spray volumes should be adjusted accordingly for on the row band treatments.

APPLICATION TABLE:

CROP	APPLICATION RATE PER HECTARE		REMARKS
GROUNDNUTS	**Clay %**		Apply **HARNESS XTRA** after planting but before crop and weed emergence. For improved control of broadleaf weeds in groundnuts only, a tank mixture of **HARNESS XTRA** and **Hammer**® can be applied post-plant but pre- emerge. Consult the **Hammer**® label on dosage, and additional weeds controlled. For the post-emergence control of **HARNESS XTRA** tolerant broadleaf weeds in groundnuts, **Basagran**® can be used after **HARNESS XTRA** is applied at planting.
	0 – 10	0.75 - 1.5	
	11 – 20	1.0 - 2.0	
	21 – 30	1.5 - 3.0	
Use the lower dosage rate for the control of the following annual grasses: • *Chloris virgata* (Feathertop chloris) • *Eleusine indica* (Goose grass) • *Panicum schinzii* (Sweet buffalo grass) Use the higher dosage rate for the control of: • *Digitaria sanguinalis* (Crab finger grass) • *Urochloa panicoides* (Herringbone grass)			

<table>
<tr><th>CROP</th><th colspan="4">APPLICATION RATE PER HECTARE</th><th>REMARKS</th></tr>
<tr><td rowspan="7">MAIZE</td><td colspan="4">SPLIT APPLICATION: Extended control of annual grasses and broadleaf weeds (Table 1)</td><td rowspan="7">Apply GUARDIAN as a post- plant pre-emerge treatment within 3 days of planting and last cultivation followed by an early post-emerge treatment of HARNESS XTRA tank mixed with either Atrazine SC, or with Durazin 600 SC, or with Terbuzin 600 SC.</td></tr>
<tr><td>Clay %</td><td>Post plant Pre-emergence</td><td colspan="2">Early post-emergence L/Ha</td></tr>
<tr><td></td><td>L/Ha</td><td>Harness Xtra L/Ha</td><td>Plus L/Ha</td></tr>
<tr><td>0 - 10</td><td>0,75 GUARDIAN</td><td>0,7</td><td>2,0 Atrazine SC
or 2,0 Terbuzin 600 SC</td></tr>
<tr><td>11 - 20</td><td>1,0 GUARDIAN</td><td>0,7 - 0,96</td><td>3,0 Atrazine SC
or 2,0 Atrazine SC
or 2,7 Terbuzin 600 SC</td></tr>
<tr><td>21 - 30</td><td>1,3 GUARDIAN</td><td>0,95</td><td>3,0 - 3,5 Atrazine SC
or 2,0 Atrazine SC
or 3,3 Terbuzin 600 SC</td></tr>
<tr><td>31 - 50</td><td>1,65 GUARDIAN</td><td>0,95</td><td>3,0 - 5,0 Atrazine SC
or 2,0 Atrazine SC
or 4,0 Terbuzin 600 SC</td></tr>
<tr><td colspan="6">• Early post-emerge treatments must be applied before the 5 leaf stage of broadleaf weeds and before tillering of annual grasses. Digitaria sanguinalis (Crab finger grass) must be treated before the 3-leaf stage. Refer to ROUNDUP POWERMAX label for the control of later germinating D. Sanguinalis.</td></tr>
</table>

<table>
<tr><th>CROP</th><th colspan="3">APPLICATION RATE PER HECTARE</th><th>REMARKS</th></tr>
<tr><td rowspan="7">ROUNDUP READY® MAIZE post emergence of crop</td><td colspan="3">Extended control of annual grasses and broadleaf weeds (Table 2)</td><td rowspan="7">Apply HARNESS XTRA in combination with ROUNDUP POWERMAX herbicide according to label recommendations.

The ROUNDUP POWERMAX herbicide can only be used on maize that contains the Roundup Ready gene.</td></tr>
<tr><td>Clay %</td><td>HARNESS XTRA L/Ha</td><td>ROUNDUP POWERMAX L/Ha</td></tr>
<tr><td>0 - 10 %</td><td>0,6 - 1, 0</td><td>1,3 - 1,7</td></tr>
<tr><td>11 - 20 %</td><td>1,0 - 1,2</td><td>1,3 - 1,7</td></tr>
<tr><td>21 - 30 %</td><td>1,2 - 1,5</td><td>1,3 - 1,7</td></tr>
<tr><td>31 - 40 %</td><td>1,5 - 1,75</td><td>1,3 - 1,7</td></tr>
<tr><td>> 40 %</td><td>1,75</td><td>1,3 - 1,7</td></tr>
<tr><td colspan="5">Use the higher dosage rate for the control of:
• Digitaria sanguinalis (Crab finger grass).
• Applications should be directed interrow and not over the top.</td></tr>
</table>

<table>
<tr><th>CROP</th><th colspan="2">APPLICATION RATE PER HECTARE</th><th>REMARKS</th></tr>
<tr><td>MAIZE</td><td colspan="2">Follow-up application after Eptam Super treatment</td><td>For extended weed control in EPTC Plus or Eptam Super treated maize, apply HARNESS XTRA alone within 3 weeks (See TABLE 1) or in a tank-mix with either Atrazine SC, or Terbuzin 600 SC within 3 weeks of planting (See TABLE 2). Before applying HARNESS XTRA, all existing weeds should be destroyed by a shallow cultivation. Where the crop has emerged, all applications should be directed inter row and not over the crop.</td></tr>
<tr><td>GRAIN AND FORAGE SORGHUM</td><td colspan="2"></td><td>Grain and forage sorghum seed must be treated with Concep 960 EC seed protectant (according to label recommendation).
Apply 0,7 - 0,95 L / ha HARNESS XTRA. Use the lower rates on lighter soils.</td></tr>
<tr><td rowspan="3">COTTON</td><td>Clay %</td><td>HARNESS XTRA L/Ha</td><td rowspan="3">Apply HARNESS XTRA as a post emergence interrow directed spray between the 5 - 8 leaf stage of the plant or ratoon cotton. Avoid spray contact with cotton. Apply HARNESS XTRA pre-emergence of weeds to clean soil.</td></tr>
<tr><td>0 – 10 %</td><td>0,75 – 1,5 L/Ha</td></tr>
<tr><td>11 – 30 %</td><td>1,0 – 3,0 L/Ha</td></tr>
<tr><td colspan="4">Use the lower dosage rate for the control of the following annual grasses only:
• Chloris virgata (Feathertop chloris).
• Eleusine indica (Goose grass).
• Panicum schinzii (Sweet buffalo grass).
For Digitaria sanguinalis (Crab finger grass) control, use a minimum of 1, 4 L/Ha.</td></tr>
<tr><td rowspan="6">SUGARCANE PRE-EMERGE APPLICATION</td><td colspan="2">Annual grasses, broadleaf weed and yellow nutsedge (Cyperus esculentus) control (Table 1)</td><td rowspan="6">HARNESS XTRA can be used in combination with other herbicides for pre and post emerge weed control in plant and ratoon sugarcane.

The higher dosage rates should be used on heavier soils (30% + clay) and also where a longer residual action is required and/or for improved control of Cyperus esculentus (yellow nutsedge). The lower dosage rates should be used on lighter soils.</td></tr>
<tr><td>HARNESS XTRA L/Ha plus</td><td>L/Ha</td></tr>
<tr><td rowspan="4">2,0 – 3,0</td><td>Gesapax 500 SC: 2,0 - 3,0</td></tr>
<tr><td>or Diuron SC: 3,0</td></tr>
<tr><td>or Atrazine SC: 2,0 - 5,0 (0-35% clay)</td></tr>
<tr><td>or Atrazine SC: 3,0 - 5,0 (>35% clay)</td></tr>
</table>

<table>
<tr><th>CROP</th><th colspan="2">APPLICATION RATE PER HECTARE</th><th>REMARKS</th></tr>
<tr><td rowspan="5">SUGARCANE PRE-EMERGE APPLICATION</td><td colspan="2">Annual grasses, broadleaf weed and yellow nutsedge (Cyperus esculentus) control (Table 2).</td><td rowspan="5">HARNESS XTRA can be used in combination with Velpar DF for pre-emerge weed control in ratoon cane only.

Use the higher rate for soils high in organic matter.</td></tr>
<tr><td>HARNESS XTRA L/Ha + Velpar DF (kg/ha)</td><td>Clay %</td></tr>
<tr><td>2,3 + 0,6</td><td>5 - 15</td></tr>
<tr><td>2,8 + 0,7</td><td>16 - 35</td></tr>
<tr><td>2,8 + 0,8</td><td>> 35</td></tr>
<tr><td colspan="4">• Weeds must not have emerged at application. This combination will not control post-emergent grass weeds.
• For Panicum maximum (Common buffalo grass) and Sorghum bicolor subsp. arundinaceum (Common wild sorghum) control apply within 5 days of harvesting.
• Rain or irrigation within 5 days of application is essential for effective weed control.
• Sorghum bicolor will be controlled only if applied in combination as indicated above.

Use of the above combination is not recommended during winter or during dry conditions.</td></tr>
<tr><td rowspan="5">SUGARCANE POST-EMERGE APPLICATION</td><td colspan="2">Annual grasses, broadleaf weeds and yellow nutsedge (Cyperus esculentus) control (Table 3)</td><td></td></tr>
<tr><td colspan="2">HARNESS XTRA 2,0 – 3,0
+
Gesapax 500 SC 6,0
+
Non-ionic surfactant 0,2% of spray volume</td><td>After the 5 leaf stage of the cane, the treatment should be directed between the rows.</td></tr>
<tr><td colspan="2">or
HARNESS XTRA 1,9 – 2,8
+
Gesapax 500 SC 3,0 – 5,0
+ Gramoxone 1,0</td><td>May only be applied up to and including the 2 - 3 leaf stage of the cane. Controls Cyperus esculentus (yellow nutsedge).</td></tr>
<tr><td colspan="2">or
HARNESS XTRA 1,9 – 2,8
+
Diuron SC 2,5 – 3,0
+
Gramoxone 1,0</td><td>May only be applied up to and including the 2 - 3 leaf stage of the cane.
Controls Cyperus esculentus (yellow nutsedge).</td></tr>
<tr><td colspan="2">or
HARNESS XTRA 1,9 – 2,8
+
Atrazine SC 2,0-5,0 (0-35% clay)
or
Atrazine SC 3,0-5,0
(>35% clay)</td><td>May only be applied up to and including the 2 - 3 leaf stage of the cane.
Controls Cyperus esculentus (yellow nutsedge).</td></tr>
<tr><td colspan="4">The higher dosage rates should be used on higher clay soils. The above post emerge treatments should be made before tillering of annual grasses. HARNESS XTRA will not cause foliar injury to sugarcane. However, certain herbicides in the above tank mix combinations may cause injury. Consult the relevant labels regarding use restrictions prior to use.</td></tr>
</table>

CROP	APPLICATION RATE PER HECTARE		REMARKS
INDUSTRIAL WEED CONTROL			Apply **HARNESS XTRA** as a pre-emergence spray to bare soil at a rate of 4,0-6,0 L/Ha. Where weeds have already emerged apply a tank-mix of **HARNESS XTRA** plus **ROUNDUP** or **ROUNDUP TURBO**. Use 4,0 L/Ha for light friable soils and 6,0 L/Ha for heavier and compacted soils.
PLANTATIONS Eucalyptus and Pine plantations	**Clay %**	**HARNESS XTRA L/Ha**	Apply **HARNESS XTRA** pre-plant or post transplanting of healthy young trees. Existing weeds must be destroyed before applying to clean soil. Where weeds are present at transplanting, it is recommended that a pre-plant tank mix of **HARNESS XTRA** and **ROUNDUP** or **ROUNDUP TURBO** or **ROUNDUP WEATHERMAX** is applied prior to transplanting. Consult the appropriate labels for dosage details.
	0 - 10 %	0,75 - 1,5	
	11 - 30 %	1,0 - 3,0	

Use the lower dosage rate for the control of the following annual grasses only:

- *Chloris virgata* (Feathertop chloris).
- *Eleusine indica* (Goose grass).
- *Panicum schinzii* (Sweet buffalo grass).
- For *Digitaria sanguinalis* (Crab finger grass) control, use a minimum of 1,4 ℓ/ha.
- Use the higher rates where a longer residual action is required and/or for improved control of *Cyperus esculentus* (yellow nutsedge).

WEEDS CONTROLLED BY HARNESS XTRA

Brachiaria eruciformis	Sweet signal grass
Chloris virgata	Feathertop chloris
Digitaria sanguinalis	Crab finger grass
Eleusine indica	Goose grass
Panicum maximum	Common buffalo grass
Panicum schinzii	Sweet buffalo grass
Setaria pallide-fusca	Garden bristle grass
Urochloa panicoides	Herringbone grass
Amaranthus deflexus	Perennial pigweed
Amaranthus hybridus	Common pigweed
Amaranthus spinosus	Thorny pigweed
Amaranthus thunbergii	Red pigweed
Chenopodium album	White goosefoot
Chenopodium carinatum	Green goosefoot
Commelina benghalensis	Bengal wandering jew
Datura spp.	Thorn apple (early germinating only)
Hibiscus trionum	Bladder weed
Physalis angulata	Wild gooseberry
Portulaca oleracea	Purslane
Schkuhria pinnata	Dwarf marigold
Tagetes minuta	Khaki weed (early germinating only)

Since **HARNESS XTRA** controls annual grasses, other annual grasses that are not listed may be controlled to a greater or lesser degree. The registration holder does not accept any liability in respect of the control of unlisted weeds.

WEEDS VARIABLY CONTROLLED BY HARNESS XTRA

Cyperus esculentus	Yellow nutsedge

The control of *Cyperus esculentus* is dependent on the following:

- Where a dosage choice is given, the higher rate should be used.
- Planting must be preceded by a deep ploughing.
- **HARNESS XTRA** must be applied immediately after planting and last cultivation or within 2 days.
- Approximately 12 mm rain or irrigation within 7 - 10 days of spraying.

WEEDS CONTROLLED BY HARNESS XTRA AND ATRAZINE SC AT THE HIGHER APPLICATION RATE IN MAIZE

Acanthospermum australe	Eight-seeded prostrate starbur
Acanthospermum glabratum	Five-seeded prostrate starbur
Acanthospermum hispidum	Upright starbur
Amaranthus hybridus *	Common pigweed
Amaranthus spinosus *	Thorny pigweed
Amaranthus thunbergii *	Red pigweed
Bidens bipinnata	Spanish blackjack
Bidens formosa	Cosmos
Bidens pilosa *	Blackjack
Chenopodium album *	White goosefoot
Chenopodium carinatum	Green goosefoot
Cleome monophylla	Spindlepod
Cleome rubella	Pretty lady
Commelina benghalensis	Bengal wandering jew
Crotolaria sphaerocarpa	Mielie crotalaria
*Datura ferox**	Large thorn apple
*Datura stramonium**	Thorn apple
Galisonga parviflora	Gallant soldier
Gisekia pharnaceoides	Gisekia
*Hibiscus trionum**	Bladder weed
Hibiscus cannabinus	Kenaf
Nicandra physaloides	Apple of Peru
*Physalis angulata**	Wild gooseberry
*Portulaca oleracea**	Purslane
Richardia brasiliensis	Tropical richardia
*Schkuhria pinnata**	Dwarf marigold
*Tagetes minuta**	Khakiweed
Vigna vexillata	Wild cowpea

Weeds marked with * will be controlled by a tank mix of **HARNESS XTRA** with the lower rate of **Atrazine SC** as indicated above. Drought or water logging may result in reduced weed control.

The following trademarks and registrations under Act No 36 of 1947 are acknowledged:

Product	Reg. No.	Registration holder
Atrazine 500 SC	L0498	Dow AgroSciences, (Pty) Ltd
Basagran	L2916	BASF S.A. (Pty) Ltd
Concep 960 EC	L5051	Syngenta AG, Basel, Switzerland
Diuron 800 SC	L3200/L5745	Dow AgroSciences, (Pty) Ltd
Eptam Super	L3897	Syngenta AG, Basel, Switzerland
EPTC Plus	L4504	Universal Crop Protection (Pty) Ltd
Gesapax 500 SC	L2784	Syngenta AG, Basel, Switzerland
Gramoxone	L1174	Syngenta AG, Basel, Switzerland
GUARDIAN	L4862	Bayer AG
Hammer	L5201	BASF S.A. (Pty) Ltd
ROUNDUP	L0407	Bayer AG
ROUNDUP TURBO	L7166	Bayer AG
ROUNDUP POWERMAX	L7769	Bayer AG
ROUNDUP WEATHERMAX	L8065	Bayer AG
Terbuzin 600 SC		
Velpar		

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WAARSKUWINGS:

GEVAARVERKLARINGS:
- Skadelik indien ingeasem..
- Mag allergiese velreaksie veroorsaak.
- Veroorsaak ernstige oogirritasie.
- Mag lugwegirritasie veroorsaak.
- Mag skade aan organe (niers) veroorsaak deur langdurige of herhaaldelike blootstelling indien ingesluk.
- Baie giftig vir waterlewende organismes met langdurige gevolge.

Bewaar die middel weg van voedsel, voer, saad, kunsmis en ander landboumiddels.
Hou buite bereik van kinders, oningeligte persone en diere.
HERBETREDINGSPERIODE: Moenie bespuite areas betree binne 12 ure na bespuiting tensy beskermde klere gedra word.

ALHOEWEL HIERDIE MIDDEL OMVATTEND ONDER 'N GROOT VERSKEIDENHEID TOESTANDE GETOETS IS WAARBORG DIE REGISTRASIEHOUER NIE DAT DIT ONDER ALLE TOESTANDE DOELTREFFEND SAL WEES NIE AANGESIEN DIE WERKING EN EFFEK DAARVAN BEÏNVLOED KAN WORD DEUR FAKTORE SOOS ABNORMALE GROND-, KLIMAATS- EN BERGINGSTOESTANDE, KWALITEIT VAN VERDUNNINGSWATER, VERENIGBAARHEID MET ANDER STOWWE WAT NIE OP DIE ETIKET AANGEDUI IS NIE EN DIE VOORKOMS VAN WEERSTAND VAN DIE ONKRUIDE TEEN DIE BETROKKE MIDDEL SOWEL AS DIE METODE, TYD EN AKKURAATHEID VAN TOEDIENING. VERDER AANVAAR DIE REGISTRASIEHOUER NIE VERANTWOORDELIKHEID VIR SKADE AAN GEWASSE, PLANTEGROEI, DIE OMGEWING OF VIR NADELIGE EFFEK OP MENS OF DIER OF VIR 'N GEBREK AAN PRESTASIE VAN DIE BETROKKE MIDDEL AS GEVOLG VAN DIE VERSUIM VAN DIE GEBRUIKER OM ETIKETAANWYSINGS NA TE KOM OF AS GEVOLG VAN DIE ONTSTAAN VAN DIE TOESTANDE WAT NIE KRAGTENS DIE REGISTRASIE VOORSIEN KON WORD NIE. RAADPLEEG DIE VERSKAFFER IN DIE GEVAL VAN ENIGE ONSEKERHEID.

VOORSORGMAATREËLS:

VOORSORGSVERKLARINGS:
- Moet nie poeier/walm/gas/stuifsel/dampe/spuitstof inasem nie.
- Dra beskermende handskoene/beskermende klere/oogbeskerming/gesigbeskerming.

Moenie spuitmis of spuitnewel inasem nie.
Dra rubberhandskoene gedurende hantering van die konsentraat.
Indien die middel met die vel of oë in aanraking kom, was dadelik met baie water en in die geval van oë, kry mediese behandeling indien nodig.
Moenie eet, drink of rook tydens gebruik of daarna alvorens deeglik gewas en skoon klere aangetrek is nie.
Voorkom wegdrywing en/of besoedeling van enige gewasse, weiding, riviere, damme en enige ander gebiede wat nie behandel word nie.
Moenie drinkwater, eetgerei, voedsel, voer, saad, kunsmis en enige ander landbouchemikalieë besoedel nie.
Spoel die leë houers driekeer uit met 'n volume water gelykstaande aan 'n minimum van 10% van die houer. Gooi die spoelwater by die inhoud van die spuittenk waarna die houer geperforeer en platgedruk word.
Moenie die leë houer vir enige ander doel gebruik nie.

RELEVANTE STOWWE:

Components	Concentration (%)
Acetochlor	86.5
Calcium dodecylbenzenesulphonate	>1 - <3
2-Ethylhexanol	>1 - <3

WEERSTANDSWAARSKUWING:
HARNESS XTRA is 'n groepkode K3 onkruiddoder. Enige populasie van 'n spesifieke onkruid mag individue insluit wat 'n natuurlike weerstand teen **HARNESS XTRA**, of enige ander groep-kode K3 onkruiddoder het. Indien hierdie onkruiddoders herhaaldelik aangewend word, kan die weerstandbiedende individue uiteindelik die onkruidpopulasieoorheers. Hierdie weerstandbiedende onkruide sal waarskynlik nie deur **HARNESS XTRA** of enige ander groepkode K3 onkruiddoder beheer word nie.

Om weerstand teen onkruiddoders te vertraag:
- Vermy die eksklusiewe herhaaldelike gebruik van onkruiddoders met dieselfde groepkode. Wissel af met, of gebruik tenkmengsels van produkte in verskillende onkruiddodergroepkodes.
- Integreer ander beheermaatreëls (chemies, verbouing, biologies) in onkruiddoderprogramme

Vir spesifieke inligting oor weerstandsbestuur kontak die registrasiehouer van hierdie produk.

GEBRUIKSAANWYSINGS: GEBRUIK SLEGS SOOS AANGEDUI

Algemene inligting

Moenie **HARNESS XTRA** op eksperimentele of nuut vrygestelde kultivars gebruik alvorens die vervaardiger en die saadverspreider geraadpleeg is nie.
Lees die beperkings rakende opvolggewasse op die etikette van onkruiddoders wat met **HARNESS XTRA** gemeng word.
Moenie **HARNESS XTRA** op swak gedreineerde grond toedien nie. Onkruiddoder mag tydens versuiptoestande skade aan gewasse veroorsaak
Moet nie **HARNESS XTRA** op waaisande toedien nie.
Vloedbesproeiing mag lei tot verminderde onkruidbeheer.
Optimale onkruidbeheer word verkry op 'n fyn, gelyk saadbed wat vry van kluite, onkruid en plantreste is. **HARNESS XTRA** sal ook onkruide beheer waar verminderde of deklaagbewerking toegepas word.

MENGINSTRUKSIES:

Wanneer **HARNESS XTRA** met ander onkruiddoders vermeng of in 'n programbespuiting gebruik word, moet die etikette van alle betrokke produkte sorgvuldig gelees en die vervaardiger se aanbevelings nagekom word.
Skud die houer deeglik voor gebruik. Maak dig toe na gebruik.
Indien **HARNESS XTRA** met enige ander geregistreerde onkruiddoder vermeng word, moet die volgende prosedure kronologies gevolg word:

a. Maak die spuittenk driekwart vol met skoon water en voeg die verlangde hoeveelheid komplimentêre onkruiddoder by, terwyl daar gedurig geroer word.
b. Maak die spuittenk nou verder vol met water en voeg die **HARNESS XTRA** by net voordat die tenk vol is. Vul nou die res van die tenk met water.
c. Verseker dat die mengsel gedurende vulling en tydens bespuiting deurgaans geroer word.
d. Tenkmengsels moet deeglik uitgespuit word en nie oornag in die spuittenk gelaat word nie.
e. Spuittoerusting moet deeglik na toediening skoongemaak en uitgespoel word.

TOEDIENINGSINLIGTING:

- Sorg dat die toedieningsapparaat korrek gekalibreer is en gereeld nagegaan word voor en tydens toediening.
- **HARNESS XTRA** tenkmengsels moet verkieslik met plant, of onmiddellik na plant by grondbone en suikerriet toegedien word. Gebruik 100 - 300 ℓ/ha van die spuitstofmengsel vir algehele grondtoediening.
- 10 - 15 mm reën binne 7 - 10 dae na toediening is nodig vir goeie onkruidbeheer.
- Vir **optimale onkruidbeheer** moet die saadbed binne 3 dae voor plant voorberei word. Dien **HARNESS XTRA** onmiddellik of binne 3 dae na laaste grondbewerking toe.
- Onder droë toestande mag onkruidsaailinge opkom, maar hulle is gewoonlik verpot en kan vernietig word met 'n vlakbewerking wat terselftertyd die onkruiddoder met die boonste 10 - 20 mm grondlaag vermeng, of dit kan vernietig word met 'n bespuiting met 'n geregistreerde na-opkomsonkruiddoder.
- Skoffelbewerking na toediening mag onkruidbeheer benadeel as onbehandelde grond na die oppervlak gebring word.
- Sorg dat voldoende kunsmis met plant naby die saad gebandplaas word om kragtige saailinggroei te bevorder. Dit is veral van belang waar vroeg geplant word terwyl die grondtemperatuur relatief laag is, met 'n aaneenlopende vogtige klimaat.
- Spuitvolumes en dosisse moet dienooreenkomstig vir strookbehandelings aangepas word.

TOEDIENINGSTABEL:

GEWAS	TOEDIENINGSHOEVEELHEDE PER HEKTAAR		OPMERKINGS
GRONDBONE	**Klei %**		Dien **HARNESS XTRA** toe ná plant maar vóór die opkoms van die gewas en die ontkieming van die onkruid. Vir bykomende breëblaarbeheer slegs by grondbone, kan 'n tenkmengsel van **HARNESS XTRA** en **Hammer**® ná plant, maar vóór opkoms toegedien word. Raadpleeg die **Hammer**®-etiket vir die toepaslike dosis en vir addisionele onkruide wat beheer word. Vir die na-opkomsbeheer van **HARNESS XTRA** tolerante breëblaaronkruide in grondbone kan **Basagran**® na 'n **HARNESS XTRA** bespuiting toegedien word.
	0 – 10	0.75 - 1.5	
	11 – 20	1.0 - 2.0	
	21 – 30	1.5 - 3.0	
Gebruik die laer dosis vir die beheer van slegs die volgende eenjarige grasse: • *Chloris virgata* (Witpluimchloris) • *Eleusine indica* (Jongosgras) • *Panicum schinzii* (Soetbuffelsgras) Gebruik die hoër dosis vir die beheer van: • *Digitaria sanguinalis* (Kruisvingergras) • *Urochloa panicoides* (Beesgras)			

<table>
<tr><th>GEWAS</th><th colspan="4">TOEDIENINGSHOEVEELHEDE PER HEKTAAR</th><th>OPMERKINGS</th></tr>
<tr><td rowspan="7">MIELIES</td><td colspan="4">VERDEELDE OPVOLGBESPUITING: Verlengde beheer van eenjarige grasse en breëblaaronkruide (Tabel 1)</td><td rowspan="7">Dien GUARDIAN toe as vooropkoms-behandeling binne 3 dae na plant en laaste grondbewerking, opgevolg met 'n vroeë na-opkomsbespuiting van HARNESS XTRA in 'n tenkmengsel met Atrazine SC, of Durazin 600 SC, of Terbuzin 600 SC.</td></tr>
<tr><td>Klei %</td><td>Na plant
Voor opkoms</td><td colspan="2">Vroeg na opkoms L/Ha</td></tr>
<tr><td></td><td>L/Ha</td><td>Harness Xtra L/Ha</td><td>Plus L/Ha</td></tr>
<tr><td>0 - 10</td><td>0,75 GUARDIAN</td><td>0,7</td><td>2,0 Atrazine SC
of 2,0 Terbuzin 600 SC</td></tr>
<tr><td>11 - 20</td><td>1,0 GUARDIAN</td><td>0,7 - 0,96</td><td>3,0 Atrazine SC
of 2,0 Atrazine SC
of 2,7 Terbuzin 600 SC</td></tr>
<tr><td>21 - 30</td><td>1,3 GUARDIAN</td><td>0,95</td><td>3,0 - 3,5 Atrazine SC
of 2,0 Atrazine SC
of 3,3 Terbuzin 600 SC</td></tr>
<tr><td>31 - 50</td><td>1,65 GUARDIAN</td><td>0,95</td><td>3,0 - 5,0 Atrazine SC
of 2,0 Atrazine SC
of 4,0 Terbuzin 600 SC</td></tr>
<tr><td colspan="6">• Die na-opkomsbehandeling moet voor die 5-blaarstadium van breëblaaronkruid en voor die stoelstadium van eenjarige grasse plaasvind. Vroeë ontkiemende Digitaria sanguinalis (Kruisvingergras) moet voor die 3-blaarstadium behandel word. Vir die beheer van later ontkiemende D. Sanguinalis, verwys na die ROUNDUP POWERMAX etiket.</td></tr>
</table>

<table>
<tr><th>GEWAS</th><th colspan="3">TOEDIENINGSHOEVEELHEDE PER HEKTAAR</th><th>OPMERKINGS</th></tr>
<tr><td rowspan="7">ROUNDUP READY® MIELIES na-opkoms van gewas</td><td colspan="3">Die verlengde beheer van eenjarige grasse en breëblaaronkruide (Tabel 2)</td><td rowspan="7">Dien HARNESS XTRA in 'n tenkmengsel toe met ROUNDUP POWERMAX onkruiddoder volgens etiket aanbevelings toe.

ROUNDUP POWERMAX onkruiddoder kan slegs gebruik word op mielies wat die Roundup Ready geen bevat.</td></tr>
<tr><td>Klei %</td><td>HARNESS XTRA L/Ha</td><td>ROUNDUP POWERMAX L/Ha</td></tr>
<tr><td>0 - 10 %</td><td>0,6 - 1, 0</td><td>1,3 - 1,7</td></tr>
<tr><td>11 - 20 %</td><td>1,0 - 1,2</td><td>1,3 - 1,7</td></tr>
<tr><td>21 - 30 %</td><td>1,2 - 1,5</td><td>1,3 - 1,7</td></tr>
<tr><td>31 - 40 %</td><td>1,5 - 1,75</td><td>1,3 - 1,7</td></tr>
<tr><td>> 40 %</td><td>1,75</td><td>1,3 - 1,7</td></tr>
<tr><td colspan="5">Gebruik die hoër dosis vir die beheer van:
• Digitaria sanguinalis (Kruisvingergras).
• Bespuitings moet tussen die rye gerig word.</td></tr>
</table>

<table>
<tr><th>GEWAS</th><th colspan="2">TOEDIENINGSHOEVEELHEDE PER HEKTAAR</th><th>OPMERKINGS</th></tr>
<tr><td>MIELIES</td><td colspan="2">Opvolgbespuiting na Eptam Super-behandeling</td><td>Vir verlengde onkruidbeheer moet die EPTC Plus of Eptam Super-behandeling binne 3 weke opgevolg word met HARNESS XTRA alleen (Sien TABEL 1) of in tenkmengsel met Atrazine SC, of Terbuzin 600 SC (Sien TABEL 2). Alle bestaande onkruid moet vernietig word met ’n vlak skoffelbewerking voor die HARNESS XTRA toediening. Waar die toediening na opkoms plaasvind, moet die bespuiting tussen die rye gerig word.</td></tr>
<tr><td>GRAAN- EN VOER-SORGHUM</td><td colspan="2"></td><td>Graan- en voersorghumsaad moet met Concep 960 EC saadbeveiliger (volgens etiketaanbeveling) behandel word. Spuit 0,7 - 0,95 L / ha HARNESS XTRA. Gebruik die laer dosis op ligter gronde.</td></tr>
<tr><td rowspan="3">KATOEN</td><td>Klei %</td><td>HARNESS XTRA L/Ha</td><td rowspan="3">Dien HARNESS XTRA as ’n na-opkoms, tussenry, gerigte bespuiting in plant- en ratoenkatoen toe. Bespuit op die 5 tot 8-blaarstadium van die gewas. Vermy direkte spuitkontak met die gewas. Dien HARNESS XTRA voor opkoms van die onkruid op skoon grond toe</td></tr>
<tr><td>0 – 10 %</td><td>0,75 – 1,5 L/Ha</td></tr>
<tr><td>11 – 30 %</td><td>1,0 – 3,0 L/Ha</td></tr>
<tr><td colspan="4">Gebruik die laer dosis vir die beheer van slegs die volgende eenjarige grasse:
• Chloris virgata (Witpluimchloris).
• Eleusine indica (Jongosgras).
• Panicum schinzii (Soetbuffelsgras).
Vir die beheer van Digitaria sanguinalis (Kruisvingergras) gebruik ’n minimum van 1, 4 L/Ha.</td></tr>
<tr><td rowspan="6">SUIKERRIET VOOROPKOMS - BESPUITING</td><td colspan="2">Beheer van eenjarige grasse, breëblaaronkruid en geeluintjies (Cyperus esculentus) (Tabel 1)</td><td rowspan="6">HARNESS XTRA an in ’n mengsel met ander onkruiddoders vir voor- en na-opkomsonkruidbeheer in plant- en ratoenriet gebruik word.

Gebruik die hoër dosisse op gronde met meer as 30% klei en ook waar ’n langer nawerking wenslik is en/of waar ’n verbeterde beheer van Cyperus esculentus (geeluintjies) verlang word. Die laer dosisse word op ligter grond aanbeveel.</td></tr>
<tr><td>HARNESS XTRA L/Ha plus</td><td>L/Ha</td></tr>
<tr><td rowspan="4">2,0 – 3,0</td><td>Gesapax 500 SC:
2,0 - 3,0</td></tr>
<tr><td>of Diuron SC: 3,0</td></tr>
<tr><td>of Atrazine SC:
2,0 - 5,0 (0-35% klei)</td></tr>
<tr><td>of Atrazine SC:
3,0 - 5,0 (>35% klei)</td></tr>
</table>

<table>
<tr><th>GEWAS</th><th colspan="2">TOEDIENINGSHOEVEELHEDE PER HEKTAAR</th><th>OPMERKINGS</th></tr>
<tr><td rowspan="5">SUIKERRIET VOOROPKOMS - BESPUITING</td><td colspan="2">Beheer van eenjarige grasse, breëblaaronkruid en geeluintjies (Cyperus esculentus) (Tabel 2)</td><td rowspan="5">HARNESS XTRA kan in kombinasie met Velpar DF alleenlik in opslagsuikerriet (ratoen) toegedien word.

Gebruik die hoër dosis vir gronde met ’n hoë organiese materiaalinhoud.</td></tr>
<tr><td>HARNESS XTRA L/Ha + Velpar DF (kg/ha)</td><td>Klei %</td></tr>
<tr><td>2,3 + 0,6</td><td>5 - 15</td></tr>
<tr><td>2,8 + 0,7</td><td>16 - 35</td></tr>
<tr><td>2,8 + 0,8</td><td>> 35</td></tr>
<tr><td colspan="4">• Dien voor opkoms van onkruide toe. Hierdie kombinasie sal grasse nie na opkoms beheer nie.
• Vir beheer van Panicum maximum (Gewone buffelgras) en Sorghum bicolor subsp. arundinaceum (Gewone wilde sorghum) moet toediening binne 5 dae vanaf oes plaasvind.
• Reën of besproeiing binne 5 dae vanaf toediening is nodig om doeltreffende onkruidbeheer te verseker.
• Beheer van Sorghum bicolor sal alleenlik doeltreffend wees indien in kombinasie toegedien soos bo aangedui.

Hierdie kombinasie word nie as ’n wintertoediening of tydens droë toestande aanbeveel nie.</td></tr>
<tr><td rowspan="5">SUIKERRIET NA-OPKOMS-BESPUITING</td><td colspan="2">Beheer van eenjarige grasse, breëblaaronkruid en geeluintjies (Cyperus esculentus) control (Tabel 3)</td><td></td></tr>
<tr><td colspan="2">HARNESS XTRA 2,0 – 3,0
+
Gesapax 500 SC 6,0
+
Nie-ioniese bevorderingsmiddel 0,2% van spuitvolume.</td><td>Na die 5-blaarstadium van die suikerriet moet die bespuiting tussen die rye gerig word.</td></tr>
<tr><td colspan="2">of
HARNESS XTRA 1,9 – 2,8
+
Gesapax 500 SC 3,0 – 5,0
+ Gramoxone 1,0</td><td>Mag slegs tot en met die 2 – 3-blaarstadium van suikerriet toegedien word. Beheer Cyperus esculentus (geeluintjies).</td></tr>
<tr><td colspan="2">of
HARNESS XTRA 1,9 – 2,8
+
Diuron SC 2,5 – 3,0
+
Gramoxone 1,0</td><td>Mag op suikerriet net tot op die 2 – 3-blaarstadium gebruik word.
Beheer Cyperus esculentus (geeluintjies).</td></tr>
<tr><td colspan="2">of
HARNESS XTRA 1,9 – 2,8
+
Atrazine SC 2,0-5,0 (0-35% klei)
or
Atrazine SC 3,0-5,0
(>35% klei)</td><td>Mag op suikerriet net tot op die 2 – 3-blaarstadium gebruik word
Beheer Cyperus esculentus (geeluintjies).</td></tr>
<tr><td colspan="4">Gebruik die hoër dosis op die hoër klei gronde. Die na-opkomsbehandeling moet voor die stoelstadium van eenjarige grasse plaasvind. HARNESS XTRA sal nie blaarskade aan die suikerriet veroorsaak nie. Sekere van die onkruiddoders in die tenkmengsels mag skade op die suikerriet veroorsaak. Lees die betrokke etikette rakende gebruiksbeperkings sorgvuldig voor bespuiting.</td></tr>
</table>

GEWAS	TOEDIENINGSHOEVEELHEDE PER HEKTAAR		OPMERKINGS
INDUSTRIËLE ONKRUID-BEHEER			Dien 4,0-6,0 L/Ha **HARNESS XTRA** voor opkoms op skoon grond toe. Waar onkruid reeds ontkiem het, moet 'n tenkmengsel van **HARNESS XTRA** plus **ROUNDUP** of **ROUNDUP TURBO** gespuit word. Spuit 4,0 L/Ha op ligte los gronde en 6,0 L/Ha op swaarder en gekompakteerde gronde.
PLANTASIES Eucalyptus- en Denneplantasies	**Klei %**	**HARNESS XTRA L/Ha**	Dien **HARNESS XTRA** voor plant of na uitplant van jong gesonde boompies toe. Bestaande onkruide moet vernietig word voordat die onkruiddoder op skoon grond toegedien word. Indien onkruid by uitplant teenwoordig is, word aanbeveel dat 'n voorplanttenkmengsel van **HARNESS XTRA** en **ROUNDUP** of **ROUNDUP TURBO** of **ROUNDUP WEATHERMAX** toegedien word voor uitplanting. Raadpleeg die betrokke etikette vir die geskikte dosis.
	0 - 10 %	0,75 - 1,5	
	11 - 30 %	1,0 - 3,0	

Gebruik die laer dosis slegs vir die beheer van die volgende eenjarige grasse:
- *Chloris virgata* (Witpluimchloris).
- *Eleusine indica* (Jongosgras).
- *Panicum schinzii* (Soetbuffelsgras).
- Vir die beheer van *Digitaria sanguinalis* (Kruisvingergras) gebruik 'n minimum van 1,4 ℓ/ha.
- Gebruik die hoër dosisse waar langer nawerking en/of verbeterde beheer van *Cyperus esculentus* (geeluintjies) verlang word.

<u>ONKRUIDE WAT DEUR HARNESS XTRA BEHEER WORD</u>

Brachiaria eruciformis	Litjiessinjaalgras
Chloris virgata	Witpluimchloris
Digitaria sanguinalis	Kruisvingergras
Eleusine indica	Jongosgras
Panicum maximum	Gewone buffelsgras
Panicum schinzii	Soetbuffelsgras
Setaria pallide-fusca	Rooiborselsaadgras
Urochloa panicoides	Beesgras
Amaranthus deflexus	Meerjarige misbredie
Amaranthus hybridus	Gewone misbredie
Amaranthus spinosus	Doringmisbredie
Amaranthus thunbergii	Rooimisbredie
Chenopodium album	Withondebossie
Chenopodium carinatum	Groenhondebossie
Commelina benghalensis	Bengaalse wandelende jood
Datura spp.	Stinkblaar (alleenlik vroeg ontkiemend)
Hibiscus trionum	Terblansbossie
Physalis angulata	Wilde Appelliefie
Portulaca oleracea	Porselein
Schkuhria pinnata	Kleinkakiebos
Tagetes minuta	Kakiebos (alleenlik vroeg ontkiemend)

Aangesien **HARNESS XTRA** eenjarige grasse beheer, kan ander eenjarige grasse wat nie gelys is nie, ook tot 'n mindere of meerdere mate beheer word. Die registrasiehouer aanvaar egter geen aanspreeklikheid t.o.v. ongelyste onkruide nie.

<u>ONKRUIDE WAT WISSELVALLIG DEUR HARNESS XTRA BEHEER WORD</u>

Cyperus esculentus	Geeluintjies

Die beheer van *Cyperus esculentus* is afhanklik van die volgende:
- Waar die dosiskeuse aangebied word, moet die hoër dosis gebruik word.
- 'n Diepbewerking moet die plantproses voorafgaan.
- **HARNESS XTRA** moet onmiddellik of binne 2 dae na plant en laaste grondbewerking toegedien word.
- Ongeveer 12 mm reën of besproeiing binne 7 - 10 dae na bespuiting.

ONKRUIDE WAT DEUR 'N TENKMENGSEL VAN HARNESS XTRA EN DIE HOËR ATRAZIEN SC-DOSIS BEHEER WORD IN MIELIES

Acanthospermum australe	Agtsadige kruipsterklits
Acanthospermum glabratum	Vyfsadige kruipsterklits
Acanthospermum hispidum	Regopsterklits
*Amaranthus hybridus**	Gewone misbredie
*Amaranthus spinosus**	Doringmisbredie
*Amaranthus thunbergii**	Rooimisbredie
Bidens bipinnata	Spaanse knapsekêrel
Bidens formosa	Kosmos
*Bidens pilosa**	Knapsekêrel
*Chenopodium album**	Withondebossie
Chenopodium carinatum	Groenhondebossie
Cleome monophylla	Rusperbossie
Cleome rubella	Mooinooientjie
Commelina benghalensis	Bengaalse wandelende jood
Crotolaria sphaerocarpa	Mielie crotalaria
*Datura ferox**	Groot stinkblaar
*Datura stramonium**	Stinkblaar
Galisonga parviflora	Knopkruid
Gisekia pharnaceoides	Gisekia
*Hibiscus trionum**	Terblansbossie
Hibiscus cannabinus	Wildestokroos
Nicandra physaloides	Basterappelliefie
*Physalis angulata**	Wilde appelliefie
Portulaca oleracea	Porselein
Richardia brasiliensis	Tropiese richardia
*Schkuhria pinnata**	Kleinkakiebos
*Tagetes minuta**	Kakiebos
Vigna vexillata	Wilde akkerboontjie

Onkruide wat met 'n * gemerk is, word deur 'n tenkmengsel van **HARNESS XTRA** en die laer dosis **Atrazine SC** beheer. Droogte of versuiptoestande kan aanleiding gee tot verminderde onkruidbeheer.

Die volgende handelsmerke en registrasies word onder Wet Nr 36 van 1947 erken:

Produk	Reg. Nr.	Registrasiehouer
Atrazine 500 SC	L0498	Dow AgroSciences, (Edms) Bpk
Basagran	L2916	BASF S.A. (Edms) Bpk
Concep 960 EC	L5051	Syngenta AG, Basel, Switzerland
Diuron 800 SC	L3200/L5745	Dow AgroSciences, (Edms) Bpk
Eptam Super	L3897	Syngenta AG, Basel, Switzerland
EPTC Plus	L4504	Universal Crop Protection (Edms) Bpk
Gesapax 500 SC	L2784	Syngenta AG, Basel, Switzerland
Gramoxone	L1174	Syngenta AG, Basel, Switzerland
GUARDIAN	L4862	Bayer AG
Hammer	L5201	BASF S.A. (Edms) Bpk
ROUNDUP	L0407	Bayer AG
ROUNDUP TURBO	L7166	Bayer AG
ROUNDUP POWERMAX	L7769	Bayer AG
ROUNDUP WEATHERMAX	L8065	Bayer AG
Terbuzin 600 SC		
Velpar		

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