

BEFORE USING THIS PRODUCT READ THE LABEL CAREFULLY!

SHAKE THE BOTTLE WELL BEFORE USE.

Herbicide



ASSAULT 700 SC

Reg. No. L 8536 Act/Wet No. 36 of/van 1947

1: 24/03/10-Feb2013

*A pre-emergence suspension concentrate herbicide for the control of certain grasses and broad-leaved weeds in sugarcane.*

*'n Vooropkoms suspensie konsentraat onkruidodder vir die beheer van sekere grasse en breëblaaronkruid in suikerriet.*

**ACTIVE INGREDIENT / AKTIEWE BESTANDEEL**

acetochlor (chloroacetanilide)	450 g/l	asetochloor (chloroasetanilied)
ametryn (triazine)	250 g/l	ametriën (triasien)

HRAC HERBICIDE GROUP CODE **C1** HRAC ONKRUIDDODER GROEPKODE  
HRAC HERBICIDE GROUP CODE **K3** HRAC ONKRUIDDODER GROEPKODE



**villa**

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](http://www.villacrop.co.za)

UN Number: 1993



HARMFUL  
SKADELIK

Willow Set & Print 011 394-4486



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:



**ASSAULT 700 SC**

Reg. No. L 8536 Act/Wet No. 36/1947

HRAC HERBICIDE GROUP CODE / HRAC ONKRUIDDODER GROEPKODE: C1+K3

**ACTIVE INGREDIENTS / AKTIEWE BESTANDELE:**

acetochlor (chloroacetanilide) / asetochloor (chloorasetanilied)	..... 450 g/l
ametryn (triazine) / ametriën (triasien)	..... 250 g/l

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

**HARMFUL**  **SKADELIK**

**WARNINGS**

- Handle with care.
- Harmful when swallowed, inhaled or absorbed through the skin.
- May cause eye irritation.
- Toxic to fish and aquatic organisms.
- **Flammable** – do not store near open flames.
- Store in a cool, dry, well-ventilated place in the original container, tightly closed and secured.
- Store away from food, feeds, seed, fertilizer and other agricultural remedies.
- Keep out of reach of children, uninformed persons and animals.

**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 further does not accept responsibility for damage to crops, vegetation, the environment or harm to man or animal or for lack of performance of the remedy concerned due to failure of the user to follow the label instructions or to the occurrence of conditions, which could not have been foreseen in terms of the registration. Consult the supplier in event of any uncertainty.**

**PRECAUTIONS**

- Avoid inhalation of spray mist or fumes.
- Avoid eye and skin contact.
- Wear a face shield, rubber gloves and boots when handling the product, preparing the spray mixture and during application.
- In case of eye contamination, rinse the eyes thoroughly with plenty of clean, cold water for at least 20 minutes, holding the eyelid(s) open. If irritation persists obtain medical attention.
- Wash with soap and water after use and after accidental skin contact.
- Wash contaminated clothing after use.
- Do not eat, drink or smoke whilst mixing or applying the product or before washing hands and face and change of clothing.
- Prevent drift onto other crops, grazing, rivers, dams or areas not under treatment or to nearby water sources.
- Thoroughly clean spraying equipment directly after use and dispose of wash water where it will not contaminate food, grazing, boreholes, rivers or dams.
- The applicator should not be used for applying chemicals other than herbicides.
- **TRIPLE RINSE** empty containers in the following manner: Invert the empty container over the spray or mixing tank and allow draining for at least 30 seconds after the flow has slowed down to a drip. Thereafter rinse the container three times with a volume of water equal to a minimum of one third of that of the container. Add the rinsing to the contents of the spray tank before destroying the container in the prescribed manner.

- Destroy the empty container by perforation and flattening and dispose of it in a safe way.
- **Never** re-use the empty container for any other purpose.
- Prevent contamination of food, feeds, drinking water and eating utensils.

### **SYMPTOMS OF HUMAN POISONING**

The product may be mildly irritating, but is unlikely to cause more than mild discomfort, which should disappear once contact ceases. Symptoms of acute exposure to high doses include nausea, vomiting, diarrhoea, muscle weakness and salivation.

### **FIRST AID TREATMENT**

- **Inhalation:** Immediately remove source of contamination or move victim to fresh air. Avoid mouth-to-mouth resuscitation. Keep person warm and at rest. Treat symptomatically and supportively as and when required. Seek medical advice immediately.
- **Skin contact:** Remove contaminated clothing, shoes and leather goods immediately. Gently wipe off excess chemical. Wash skin gently and thoroughly with non-abrasive soap and large amounts of water until no evidence of chemical remains (approximately 15 to 20 minutes). If irritation persists, seek medical advice immediately.
- **Eye contact:** Immediately flush the contaminated eyes with gently flowing lukewarm water, occasionally lifting upper and lower lids, until no evidence of chemical remains (approximately 15 to 20 minutes). Severe contamination may require medical attention.
- **Ingestion:** Have patient rinse his/her mouth thoroughly with clean water. Do not induce vomiting. **In serious cases, seek medical advice immediately.** Treat respiratory difficulty with artificial respiration and oxygen.

### **NOTE TO PHYSICIAN**

No signs and symptoms of **Ametryn** poisoning are known or expected in humans. An antidote is neither known nor needed. Treat symptomatically when required. When large amounts have been ingested, gastric lavage or the administration of activated charcoal with water may be indicated.

### **RESISTANCE WARNING**

**ASSAULT 700 SC** is a group codes C1+K3 herbicide. Any weed population may contain individuals naturally resistant to **ASSAULT 700 SC** and any other group codes C1+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 **ASSAULT 700 SC** or any other group codes C1+K3 herbicides.

To delay herbicide resistance:

- avoid exclusive repeated use of herbicides from the same herbicide group code. Alternate or tank mix with products from different herbicide group codes,
- integrate other control methods (chemical, cultural, biological) into weed control programmes.

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

### **DIRECTIONS FOR USE: Only use as directed.**

#### **Compatibility:**

- The compatibility of **ASSAULT 700 SC** 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 **ASSAULT 700 SC** 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.
- Add the required amount of **ASSAULT 700 SC** to the water, while stirring.
- Fill the spray tank with water to the required level, while maintaining agitation to ensure thorough mixing.
- Ensure continuous agitation of the spray mixture during mixing and application.
- Spray mixtures must be sprayed immediately and not allowed to stand for a period of time, e.g. overnight.
- Spray equipment must be cleaned thoroughly and rinsed immediately after spraying.

#### **Application:**

- Use accurately calibrated equipment with appropriate, correctly spaced nozzles and with an efficient agitation mechanism.

- Prepare a fine, even and firm seedbed free of weeds, trash and clods.
- Use 100 to 300 litres spray mixture per hectare for broadcast ground application.
- **10 to 20 mm rain and/or irrigation within 7 to 10 days after application are required for best results.**
- Under dry conditions weed seedlings may emerge, but they are normally stunted and can be controlled with a shallow cultivation, that will also incorporate the herbicide into the top 10 to 20 mm of soil.

## APPLICATION RATES

### SUGARCANE

#### **Pre-emergence or early post-emergence application**

<b>% Clay</b>	<b>ASSAULT 700 SC <math>\ell</math> / ha</b>	<b>Remarks</b>
< 20 %	5.0	Add a non-ionic surfactant, such as <b>VILLA 51</b> (L 8050) at 0.1 %.
> 20 %	6.0	Add a non-ionic surfactant, such as <b>Villa 51</b> at 0.1 %.

#### **NOTE**

- Preferably apply before emergence of the weeds.
- In the case of early post-emergence application, add 1.5 litres per hectare **SKOFFEL® 145 SL** (L 4347), to kill weeds that have germinated, in order to create a pre-emergence situation for weed control with **AMETRYN 500 SC** (L 7743).
- A non-ionic surfactant, such as **Villa 51**, should be added to the final spray mixture, to enhance the efficacy of the treatment.
- When **Skoffel® 145 SL** has been added; only apply up to the 3-leaf stage of the sugarcane.
- Only apply up to the 2- to 3-leaf stage of sugarcane as broadband application.
- Direct spray between the rows from the 4- to 5-leaf stage of the sugarcane.

<b>WEEDS CONTROLLED BY ASSAULT 700 SC</b>	
<b>Grass weeds:</b>	
<i>Brachiaria eruciformis</i>	Sweet signal grass
<i>Chloris virgata</i>	Feathertop Chloris
<i>Digitaria sanguinalis</i>	Crab finger grass
<i>Eleusine indica</i>	Goose grass
<i>Panicum maximum</i>	Common buffalo grass
<i>Panicum schinzii</i>	Sweet buffalo grass
<i>Setaria pallide-fusca</i>	Red bristle grass
<i>Urochloa panicoides</i>	Herringbone grass
Other annual grasses, not mentioned in this list, may also be controlled to a certain extent by <b>ASSAULT 700 SC</b> . The registration holder, however, cannot accept responsibility regarding weeds not listed here.	
<b>Broad-leaved weeds:</b>	
<i>Amaranthus hybridus</i>	Common pigweed
<i>Amaranthus spinosus</i>	Thorny pigweed
<i>Bidens bipinnata</i>	Spanish black jack
<i>Bidens pilosa</i>	Common black jack
<i>Chenopodium album</i>	White goosefoot
<i>Cleome monophylla</i>	Spindlepod
<i>Commelina benghalensis</i>	Benghal wandering Jew
<i>Conyza canadensis</i>	Horseweed fleabane
<i>Datura ferox</i>	Thornapple
<i>Euphorbia</i> spp.	Milkweed
<i>Galinsoga parviflora</i>	Gallant soldier
<i>Nicandra physaloides</i>	Apple-of-Peru
<i>Portulaca oleraceae</i>	Common purslane
<i>Richardia brasiliensis</i>	Tropical Richardia
<i>Sida cordifolia</i>	Flannel weed
<i>Solanum nigrum</i>	Black nightshade
<i>Sonchus oleraceus</i>	Common sow thistle
<b>WEEDS VARIABLY CONTROLLED BY ASSAULT 700 SC</b>	
<i>Cyperus esculentus</i>	Yellow nutsedge

**Control of yellow nutsedge:**

- Application and rainfall and/or irrigation must occur before the Yellow nutsedge starts to germinate and develop.

**AMETRYN 500 SC** is a registered product of / is 'n geregistreerde produk van  
**Universal Crop Protection (Pty) Ltd.**

**SKOFFEL**® is a registered trademark of / is 'n geregistreerde handelsmerk van  
**Universal Crop Protection (Pty) Ltd.**

**VILLA 51** is a registered product of / is 'n geregistreerde produk van  
**Villa Crop Protection (Pty) Ltd.**