

GOLTIX 700 SC




Reg. no. L8571 Act/Wet 36 of/van 1947
N-AR 1142; W130807

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

GROUP	C1	HERBICIDE
--------------	-----------	------------------

<p>A selective suspension concentrate herbicide with foliar and root activity for the control of weeds as listed in beetroot and sugar beet.</p>	<p>'n Selektiewe suspensiekonsentraat onkruidodder met blaar- en wortelopname vir die beheer van onkruid soos hieronder aangedui in beet en suikerbeet.</p>
--	---

 <p>WARNING</p>	<p>Hazard statements</p> <p>Harmful if swallowed.</p> <p>Very toxic to aquatic life with long lasting effects.</p> <hr/> <p>Precautionary statements</p> <p>Do not eat, drink or smoke when using this product.</p> <p>Avoid release to the environment.</p>
--	--

ACTIVE INGREDIENT/AKTIEWE BESTANDDEEL

Metamitron (triasinone)..... 700 g/LMetamitron (triasinoon)

NET VOLUME/NETTO VOLUME

..... L

REGISTRATION HOLDER/REGISTRASIEHOUER

ADAMA South Africa (Pty) Ltd;
Reg. no. 1992/001741/07
Ground Floor, Simeka House
The Vineyard Office Estate, 99 Jip de Jager Drive
Bellville, 7530
T: +27 21 982 1460
infocpt@adama.com

IN CASE OF POISONING, CALL THE FOLLOWING NUMBERS:

Griffon Poison Information Centre:
+27 82 446 8946 or
Tygerberg Poison Information Centre:
+27 861 555 777

EMERGENCY NUMBER:

SPILL TECH: +27 86 100 6366 or +27 83 253 6618

UN no.:3082

Batch number
Date of Manufacture
Expiry date

Lotnommer
Datum van Vervaardiging
Vervaldatum



GHS information

WARNINGS

- Harmful if swallowed.
 - Very toxic to aquatic life with long lasting effects.
- Do not graze treated areas.
 - Store in a cool, dry place away from food, feed and fertilizer.
 - Re-entry: Do not enter the treated area until the spray deposit has dried after treatment 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 weeds 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, and the environment or harm to humans or animals 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

- Keep out of reach of children.
 - Wash face, hands and any exposed skin thoroughly after handling.
 - Do not eat, drink or smoke when using this product.
 - Avoid release to the environment.
 - IF SWALLOWED: Get medical help.
 - Rinse mouth.
 - Collect spillage.
 - Dispose of contents/container in accordance with national regulation.
- Avoid inhaling fumes or spray mist.
 - Wear protective clothes, e.g. overalls, gloves and boots, when the concentrate is handled.
 - Take off contaminated clothes and wash on a daily basis.
 - Avoid drifting of the spray mixture to other crops, grazing areas, rivers or dams or any other area that is not under treatment.
 - Invert the empty container over the mixing tank or spray tank and drain for at least 30 seconds after the flow has been reduced to a drip. Thereafter rinse the empty container at least three times with a volume of water equal to at least 10% of that container. Add the rinsate into the spray tank.
 - Perforate and flatten the empty container. Do not re-use for any other purpose.



- Clean applicator thoroughly after use and throw wash water where it will not contaminate food, grazing areas, rivers or dams.

RELEVANT SUBSTANCES

Chemical name	w/w %	CAS no.
Metamitron	30 – 60%	41394-05-2

FIRST AID

In case of accident or unwellness, seek medical advice immediately. Provide this label and SDS to medical personnel for treatment. Emergency personnel should wear protective clothing appropriate to the type and degree of contamination.

Immediately remove contaminated clothing and remove the affected person from the contamination area. Keep the person warm, calm and covered up. First Aid personnel should pay attention to their own safety.

Take the container label or product name with you when seeking medical attention.

Eye contact: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.

Skin contact: Remove all contaminated clothing and shoes. Wash the skin immediately with plenty of water for 15 to 20 minutes under the safety shower. Consult a physician if necessary.

Inhalation: Immediately remove the affected victim from exposure to an area with fresh air. If breathing is difficult have qualified personnel administer oxygen. If breathing has stopped, administer artificial respiration. Do not use mouth-to-mouth resuscitation if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a physician.

Ingestion: Call a poison control center or medical practitioner immediately for treatment advice. If conscious, rinse mouth thoroughly with water. Drink plenty of water. Never give anything by mouth to an unconscious or convulsing person. If spontaneous vomiting occurs, have victim lean forward with head down to avoid breathing in of vomit, rinse mouth and administer more water. Get medical attention immediately if symptoms occur.

TOXICOLOGICAL INFORMATION

Antidotes

None known. Treat symptomatically.

Symptoms of human poisoning

None known.

NOTICE TO THE USER: This agricultural remedy is to be used only according to the directions of this label. It is an offense under the Act to use this product inconsistent with the directions on the label.

RESISTANCE WARNING

For resistance management, **GOLTIX 700 SC** is classified as a group code C1 herbicide. Any population of a specific weed may contain individuals which have a natural resistance against **GOLTIX 700 SC** or other group code C1 herbicides. If these herbicides are used repeatedly the resistant individuals can eventually dominate the weed population. These resistant weeds will probably not be controlled by **GOLTIX 700 SC** or any other group code C1 herbicide.

To delay the occurrence of resistance:

- Avoid the repeated exclusive use of herbicides in the same group code. Alternate with or tank mix with herbicides from other group codes.
- Integrate with other methods of control (chemical, biological and cultural) in weed control programmes

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

MODE OF ACTION

C1: Inhibition of photosynthesis at PSII – Serine 264 Binders.

DIRECTIONS FOR USE

Use only as directed.

Use restrictions

- Weed control may not be acceptable on soils with a pH > 7.
- Avoid application of **GOLTIX 700 SC** on soils with a high lime content, where brackish areas are present or where liming was done without soil incorporation.
- The pH of the **GOLTIX 700 SC** spray solution should preferably be between 5–6 and definitely not exceeding pH 7.
- **GOLTIX 700 SC** is taken up mainly by the roots of target weeds and should therefore be applied pre-emergence of the weeds.
- **GOLTIX 700 SC** applied post-emergent should always be applied as a follow on a pre-emergent application of **GOLTIX 700 SC**. A post-emergent application of **GOLTIX 700 SC** only may lead to erratic or unacceptable weed control.
- MCW EOS at 0.5% should be used in the spray mixture whenever **GOLTIX 700 SC** is applied post-emergent.
- **Follow on crops:** Except beetroot and sugar beet no follow-on crop should be planted within 16 weeks after a **GOLTIX 700 SC** application has been made. A deep ploughing operation is recommended after the 16 week waiting period has expired before another crop other than beetroot or sugar beet is planted.

APPLICATION

Pre-emergence application

GOLTIX 700 SC must be applied on a weed free, moist, even, firm and fine seedbed without any clods or excessive plant rests. This should be done directly after planting. The application can be done by any suitable medium or high-volume sprayer, provided it is fitted with flat fan nozzles, it is correctly calibrated, it is fitted with an efficient agitation system, and it is able to spread the spray mixture evenly over the target area. A minimum of 200 L water/ha is recommended. Rain or irrigation of at least 10 mm within 5 days after application is necessary to leach the product into the soil before weeds start to germinate. A pre-emergence application of **GOLTIX 700 SC** can be followed by one or more post-emergence applications, if necessary.

Post-emergence application

Some broadleaf weeds which are in the 2 – 6 leaf stage and some grasses which have not yet developed past the 4-leaf stage, can be controlled by a post-emergence application of **GOLTIX 700 SC** as a follow-on application on a pre-emergence application of **GOLTIX 700 SC**. At the time of application, weeds should be actively growing and should not be subject to any stress conditions. The **GOLTIX 700 SC** can be applied by any suitable medium to high volume sprayer which is fitted with an efficient agitation mechanism, is correctly calibrated and which is able to distribute the spray solution evenly over the target area. A minimum of 200 L spray mixture/ha is recommended. The beetroot or sugar beet should be in at least the true 2 leaf stage when a post-emergence application is done and should also not be exposed to any stress conditions. An adjuvant, based on a mineral oil, like MCW EOS is recommended according to label recommendations, when a post-emergence application of **GOLTIX 700 SC** is made.

APPLICATION RATES

CROP TARGET	AND	DOSAGE RATE	REMARKS
Beetroot		Pre-emergence 2–3 L/ha	Apply in a least 200 L water/ha on a clean, moist, even, firm and fine seedbed without excessive plant rests. Rain or irrigation of at least 10 mm within 5 days after application, should take place. Use the higher dosage rate where the clay percentage exceeds 20% or where longer residual control is desired. If necessary, a pre-emergence application can be followed by one or more post-emergence applications at 2 L/ha.
		Post-emergence 3 L/ha	Apply in at least 200 L water/ha. Broadleaf weeds should be in the 2–6 leaf stage and susceptible grasses should not have developed beyond the 4-leaf stage at the time of application. The beetroot, however, should at least be in the true 2-leaf stage. It is recommended that a suitable adjuvant based on a mineral oil, e.g., MCW EOS is used with GOLTIX 700 SC at 0.5 L/100 L water.

CROP AND TARGET	DOSAGE RATE	REMARKS
Sugar beet	Pre-emergence 4–6 L/ha	Apply in at least 200 L water/ha directly after planting on a clean, moist, even, firm and fine seedbed without excessive plant rests. Rain or irrigation of at least 10 mm should take place within 5 days after application. Use the higher dosage rate where the clay percentage exceeds 20% or where longer residual action is desired. A pre-emergence application may be followed by one or more post-emergence applications.
	Post-emergence 2–4 L/ha	Apply in at least 200 L water/ha. Broad leaf weeds should not have developed further than the 6-leaf stage and susceptible grasses, not further than the 4-leaf stage. Post-emergence applications on sugar beet can only be done if the sugar beet is at least in the true 2-leaf stage. Use the lower rate if the application is a follow on to a pre-emergence application. The post-emergence applications can be repeated if necessary. The use of an adjuvant based on a mineral oil, e.g. MCW EOS, at 0.5 L/100 L water is recommended for post-emergence applications of GOLTIX 700 SC .

WEED SPECTRUM

Pre-emergence

The following weeds are normally controlled by **GOLTIX 700 SC**:

BROADLEAF WEEDS

Botanical name	Common name
<i>Amaranthus hybridus</i>	Common pigweed
<i>Amsinckia menziesii</i>	Fiddle neck
<i>Chenopodium album</i>	White goosefoot
<i>Chenopodium carinatum</i>	Green goosefoot
<i>Datura ferox</i>	Large thorn apple
<i>Datura stramonium</i>	Thorn apple
<i>Emex australis</i>	Spiny Emex
<i>Erodium moschatum</i> **	Musk heron's bill
<i>Lactuca serriola</i>	Wild lettuce

Botanical name	Common name
<i>Lepidium bonariense</i>	Pepperweed
<i>Nicandra physalodes</i>	Apple of Peru
<i>Persicaria lapathifolia</i>	Spotted knotweed
<i>Physalis angulata</i>	Wild gooseberry
<i>Portulaca oleracea</i>	Purslane
<i>Raphanus raphanistrum</i> **	Wild radish
<i>Schkuhria pinnata</i>	Dwarf marigold
<i>Spergula arvensis</i>	Corn Spurry
<i>Tagetes minuta</i>	Tall khaki weed

** Dosage rate of 6 L/ha to achieve effective control

GRASSES

Botanical name	Common name
<i>Chloris virgata</i>	Feathertop Chloris
<i>Digitaria sanguinalis</i>	Crab fingergrass
<i>Eleusine indica</i>	Goose grass
<i>Lolium spp (annual)</i>	Ryegrass

Post emergence

The following weeds are normally controlled by a post-emergence application of **GOLTIX 700 SC**:

BROADLEAF WEEDS

Botanical name	Common name
<i>Amaranthus thunbergii</i>	Red pigweed
<i>Argemone ochroleuca</i>	White flowered Mexican poppy
<i>Chenopodium album</i>	White goosefoot
<i>Datura ferox</i>	Large thorn apple
<i>Datura stramonium</i>	Thorn apple

Botanical name	Common name
<i>Emex australis</i>	Spiny Emex
<i>Lactuca serriola</i>	Wild lettuce
<i>Lepidium bonariense</i>	Pepperweed
<i>Portulaca oleracea</i>	Purslane
<i>Raphanus raphanistrum</i> **	Wild radish
<i>Schkuhria pinnata</i>	Dwarf marigold
<i>Tagetes minuta</i>	Tall khaki weed
<i>Tribulus terrestris</i>	Common dubbeltjie

** Dosage rate of 6 L/ha to achieve effective control

GRASSES

Botanical name	Common name
<i>Digitaria sanguinalis</i>	Crab fingergrass
<i>Eleusine indica</i>	Goose grass

MCW EOS (Reg. No L7954) is the trademark of a company of the ADAMA GROUP.