



We create chemistry

ml  
800

# Stellar™ Star

700

**A Soluble liquid selective herbicide for control of early post-emergent annual grasses and broadleaf weeds (as specified) in maize and sugarcane.**

600

500

400

300

**Net Content:**

200  
ml

**1 L**



**Reg. No.:**  
11-C-71-14-C-151-1



**HARMFUL IF  
SWALLOWED**

**Net Content:**

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GROUP	F2	O	HERBICIDES
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**Composition: mass/volume:**

Topramezone 50 g/L

Dicamba 160 g/L

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**Registered by:**

Pivotal Agro-Services (PTY) Limited  
Pivotal Agro House, 37 Kenmark Crescent  
Bluff Hill Industrial Park, Harare, Zimbabwe  
Telephone: +263 242 309825/27

**Manufactured and packed by:**

BASF SE  
Germany

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## TO CAUSE A HAZARD IN THE USE, STORAGE OR DISPOSAL OF THIS SUBSTANCE IS AN OFFENCE

### READ THE LABEL BEFORE USING THE PRODUCT

**WARRANTY:** Although this remedy has been 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 climatic and storage conditions, quality of dilution water, compatibility within other substances not indicated on the label and the occurrence of resistance of the disease, weed or pest, against the remedy concerned, as well as by the method, time and accuracy of application. The registration holder furthermore does not accept responsibility for damage to crops, vegetation, the environment or harm to man or animal or for lack of performance of the remedy concerned due to the failure of the user to follow the label instructions or the occurrence of conditions which could not have been foreseen in terms of the registration. Consult the supplier in the event of any uncertainty.

### WARNINGS:

- **ALLOW 14 DAYS BETWEEN LAST APPLICATION AND HARVEST OR GRAZING OF MAIZE**
- Handle with care.
- Harmful when swallowed.
- Keep locked up and out of reach of children, uninformed persons and animals.
- Toxic to aquatic organisms.
- Store in a cool dry place away from food and feedstuffs.
- May cause harm to the unborn child.
- Do not smoke, eat or drink during mixing and spraying operations.
- Causes mild skin irritation.

### PRECAUTIONS:

- Do not inhale spray mist or dust.
- Wear suitable protective clothing and face shield when handling the concentrate.
- Wash contaminated clothing thoroughly.
- Wash with soap and water after accidental skin contact.
- Prevent contamination of food, feed, drinking water and eating utensils.
- Avoid spray drift onto other crops, grazing, rivers, dams and areas not under treatment.
- Triple rinse empty containers in the following manner: Invert the empty container over the spray or mixing tank and allow to drain 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 10 % of that of the container. Add the rinsings to the contents of the spray tank before destroying the container in the prescribed manner.
- Destroy empty container by perforation and flattening and dispose of it in a safe way and never re-use for any other purpose.
- Do not spray over the top of the maize when it has reached 80 cm. After the maize has reached 80 cm height apply Stellar® Star between the rows.

### RESISTANCE WARNING:

For resistance management, Stellar® Star is a Herbicide Group Code F2 & O herbicide. Any weed population may contain individuals naturally resistant to Stellar® Star and other Group Code F2 & O herbicides. The resistant individuals can eventually dominate the weed population if these

herbicides are used repeatedly and exclusively in programmes. These resistant weeds may not be controlled by Stellar® Star or any other Group Code F2 & O 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.
- For tank mixing or alternation with products in other Herbicide Group Codes, refer to applicable individual product labels.
- Integrate other control methods (chemical and cultural) into weed control programs.

### FOR SPECIFIC INFORMATION ON RESISTANCE MANAGEMENT, CONTACT THE REGISTRATION HOLDER.

#### FIRST AID MEASURES

Remove contaminated clothing and seek medical advice.

Have the product label/container with you when calling the Doctor.

First Aid providers must wear protective clothing to prevent exposure.

**General advice:** Avoid contact with the skin, eyes and clothing.

Take off immediately all contaminated clothing.

If difficulties occur: Obtain medical attention.

Show container, label and/or safety data sheet to physician.

**If Inhaled:** Keep patient calm, remove to fresh air and seek medical attention.

**On Skin contact:** Wash thoroughly with soap and water.

If irritation develops, seek medical attention.

**On contact with eyes:** Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

**On Ingestion:** Do not induce vomiting, unless told so by a poison control centre or doctor.

Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.

Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions.

**Note to physician:** Treat according to symptoms (decontamination, vital functions), no known specific antidote.

#### DIRECTIONS FOR USE: USE ONLY AS DIRECTED

#### COMPATIBILITY:

Stellar® Star is compatible with atrazine, terbuthylazine, Basagran®, halosulfuron, Fastac® EC and Fastac® SC.

Do not apply products containing cyanazine with Stellar® Star

Stellar® Star can be used sequentially or in combination with soil or foliar applied insecticides registered for use in maize. Apply within label conditions for each product.

#### MIXING INSTRUCTIONS:

Three-quarter fill the spray tank with clean water. Shake the Stellar® Star container well. Measure the required volume of Stellar® Star and add this to the spray tank. Fill the spray tank with water to the required level while maintaining agitation to ensure thorough mixing of the spray mixture before spraying commences. Maintain agitation while spraying. The prepared spray mixture must not be left in the spray tank for any length of time, e.g. overnight.

It is recommended that Frontier® Optima or Prowl® CS be applied as a post-plant, pre-emergence application before Stellar® Star is used. Stellar® Star should be used in a programme with Frontier® Optima or Prowl® CS for optimum results.

#### USE RESTRICTIONS:

##### Do not apply Stellar® Star in the following situations:

- On soils with a compaction layer, on lands where water logging often occurs, or soils with a nutrient deficiency.
- On inbred parent plants of maize hybrids or experimental or newly released cultivars, without first consulting the advice of the distributor or manufacturer.
- Do not spray over the top of the maize when it has reached a height of 80cm. After the maize has reached 80 cm height apply Stellar® Star between the rows. After the maize has reached 80 cm height apply Stellar® Star between the rows.
- Do not add a wetter to Stellar® Star.

#### GROUND APPLICATION:

- Stellar® Star can be applied as an overall application, using in 200 to 300 litre of water per hectare, or as a band application, using the corresponding amount of water per hectare.
- Any medium or high volume tractor-mounted sprayer can be used as long as it is fitted with an effective tank agitation system. Ensure that the sprayer can be properly calibrated and that the spray-boom is fitted with suitable spray nozzles (hollow-cone) to facilitate an even distribution of the herbicide on the weeds.
- Stellar® Star should be applied during favourable growing conditions for optimum crop tolerance and weed control. Apply Stellar® Star as a post-emergence treatment to maize when weeds are actively growing.
- Avoid disturbing (e.g., cultivation) treated areas for at least 7 days following an application of Stellar® Star to allow best herbicide uptake, translocation and weed control.
- Weeds must be thoroughly covered with spray. Dense leaf canopies shelter small weeds and can prevent adequate spray coverage.

#### SPRAYER CLEANING:

After spraying thoroughly clean and flush out application machinery with a minimum of three rinses, to ensure that all traces of product are removed.

#### APPLICATION RATE

CROP	Weeds	DOSAGE	DIRECTIONS FOR APPLICATION
Maize	Annual grass and broadleaf weeds as listed in tables 1 and 2	700 ml/ha + 1.5 l/ha atrazine or 1.0L/ha—apply approximately 3 weeks after planting	Apply Stellar® Star as an early post-emergence application at the 3-4 leaf stage of the weeds. Do not spray over the top of the maize when it has reached 80cm. After the maize has reached 80cm height apply Stellar® Star between the rows. Use Basagran® in a tank mix with Stellar® Star where Yellow nutsedge ( <i>Cyperus esculentus</i> ) occurs (Refer to Basagran® labels for details of recommendations and additional weeds controlled)
Sugarcane	Annual grass and broadleaf weeds as listed in tables 1 and 2	1.5 L/ha	Apply Stellar® Star as an postemergence application at the 4-6 leaf stage of the weeds.

#### WAITING PERIOD FOR FOLLOW-UP CROPS:

- To avoid possible damage to follow-up crops, the waiting periods as indicated below should be adhered to between the last application of Stellar® Star and the planting of the follow-up crop.
- However, the waiting periods mentioned here will only be valid if the standard, recommended Stellar® Star rate was applied.

CROP	WAITING PERIOD
Maize, sugarcane	No waiting period
Grain sorghum	2 months
Wheat, barley	4 months
Beans, soybeans, groundnuts, peas, potatoes	9 months
All other crops	12 months

#### Warning: Possible damage to triazine and topramezone sensitive crops

- Where soils have been treated with lime to correct the soil pH, the possibility of crop damage increases dramatically in fields where triazines and/or topramezone were previously applied. This is due to the herbicide molecules being replaced on the clay complex with calcium cations and the herbicide thus becoming more available in the soil-water complex.
- If soils have been treated with lime, only maize should be planted in the season directly after treatment. Sensitive crops like beans, soybeans, sunflowers and all cereals (e.g. wheat) should not be planted in the season after lime treatment since crop damage might occur. This applies even if triazines were used during crop rotation in previous years.

#### WEEDS CONTROLLED

TABLE 1 Grass weeds controlled by Stellar® Star

Scientific Name	Common Name
<i>Brachiaria eruciformis</i>	Sweet signalgrass
<i>Chloris gayana</i>	Rhodes grass
<i>Chloris virgata</i>	Feathertop chloris
<i>Dactyloctenium aegyptium</i>	Crowfoot
<i>Digitaria eriantha</i>	Common fingergrass
<i>Digitaria sanguinalis</i>	Crab fingergrass
<i>Echinochloa colona</i>	Marsh grass
<i>Echinochloa crus-galli</i>	Barnyardgrass
<i>Eleusine indica</i>	Rapoko grass
<i>Eragrostis curvula</i>	Weeping lovegrass
<i>Eragrostis tef</i>	Tef grass
<i>Lolium multiflorum</i>	Italian ryegrass
<i>Panicum maximum</i>	Common buffalograss
<i>Panicum schinzii</i>	Sweet buffalograss
<i>Tragus berteronianus</i>	Small carrot seed grass
<i>Urochloa mosambicensis</i>	Bushveld herringbone grass
<i>Urochloa panicoides</i>	Herringbone grass

**TABLE 2: Broadleaf weeds controlled by Stellar® Star**

Scientific Name	Common Name
<i>Acanthospermum hispidum</i>	Upright starbur
<i>Amaranthus hybridus</i>	Common pigweed
<i>Amaranthus deflexus</i>	Perennial pigweed
<i>Amaranthus spinosus</i>	Thorny pigweed
<i>Amaranthus thunbergii</i>	Red pigweed
<i>Bidens pilosa</i>	Blackjack
<i>Chenopodium album</i>	White goosefoot
<i>Chenopodium carinatum</i>	Green goosefoot
<i>Citrullus lanatus</i>	Wild watermelon
<i>Cleome gyandra</i>	Spider wisp
<i>Cleome monophylla</i>	Spindlepod
<i>Commelina benghalensis</i>	Wandering jew
<i>Crotalaria sphaerocarpa</i>	Mealie crotalaria
<i>Datura ferox</i> *	Large thorn apple
<i>Datura stramonium</i> *	Common thorn apple
<i>Emex australis</i>	Spiny emex
<i>Euphorbia helioscopia</i>	Umbrella milkweed
<i>Fallopia convolvulus</i>	Climbing knotweed
<i>Flaveria bidentis</i>	Smelter's bush
<i>Galinsoga parviflora</i>	Gallant soldier
<i>Gisekia pharmacoides</i>	Gisekia
<i>Helianthus annuus</i>	Sunflower (volunteer)
<i>Hibiscus spp</i>	Stockrose
<i>Hibiscus trionum</i>	Bladder weed
<i>Ipomoea purpurea</i>	Morning glory
<i>Nicandra physaloides</i>	Apple of Peru
<i>Physalis angulata</i>	Wild gooseberry
<i>Portulaca oleraceae</i>	Purslane
<i>Richardia scabra</i>	Mexican clover
<i>Richardia brasiliensis</i>	Tropical richardia
<i>Schkuhria pinnata</i>	Dwarf marigold
<i>Tagetes minuta</i>	Tall khaki weed
<i>Tithonia rotundifolia</i>	Red sunflower
<i>Tribulus terrestris</i>	Devil's thorn
<i>Xanthium strumarium</i> *	Cocklebur

\* Plants of these species can germinate from seed deep in the soil and may emerge some time after the majority of other weeds have emerged and therefore may not be adequately controlled.



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