

# AUXO<sup>®</sup> EC

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**An emulsifiable concentrate post emergence herbicide for the control of broadleaf and grass weeds in maize.**

**Chemical Group : Tembotrione – Triketone  
Bromoxynil Octanoate - Benzonitrile**

**Active ingredients:**

Tembotrione ..... 50 g/l  
Bromoxynil Octanoate..... 262 g/l  
Isoxadifen-ethyl safener..... 25 g/l

**ZAMBIAN REPRESENTATIVE**

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**DISTRIBUTED BY:**

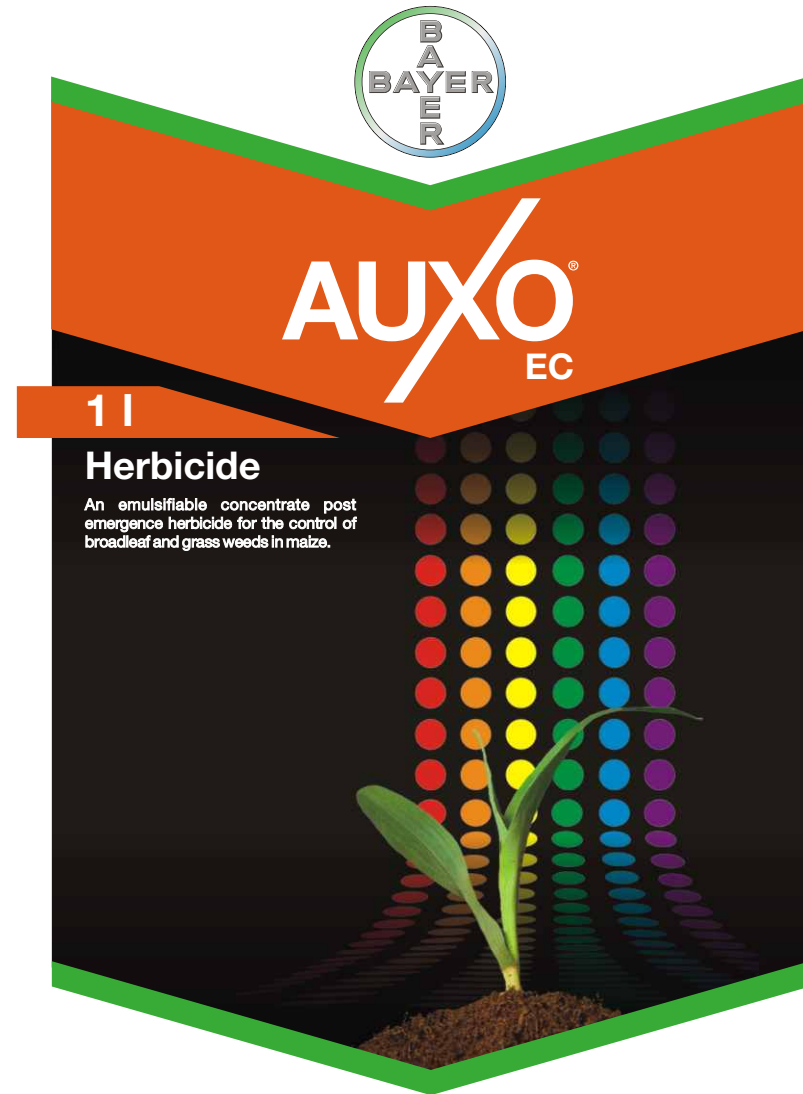
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BATCH NUMBER: See on pack  
DATE OF MANUFACTURE: See on pack  
EXPIRY DATE: See on pack

**Bayer**



**HARMFUL**



# Herbicide

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

### PRECAUTIONS:

1. Handle with care and avoid any skin contact. Poisonous by swallowing or inhalation.
2. Do not eat, drink or smoke while mixing, applying, handling or before washing hands and face.
3. Slightly irritating to skin and eyes.
4. **WEAR PROTECTIVE CLOTHING**, i.e. overalls, rubber gloves, and rubber boots and a facemask while mixing, spraying and cleaning up.
5. Do not inhale fumes or spray mist.
6. Avoid spray drift onto other crops, grazing, rivers and dams.
7. Remove protective clothing on completion of spraying, wash skin thoroughly with soap and water and dress in clean clothing and wash contaminated clothing daily.
8. Clean applicator after use, dispose of wash water where it will not contaminate crops, grazing, rivers and dams.
9. **KEEP APART FROM FOOD AND FEEDSTUFFS.**
10. **KEEP OUT OF REACH OF CHILDREN, UNINFORMED PERSONS AND ANIMALS.**
11. **STORE IN A COOL, DRY PLACE IN ORIGINAL CONTAINER AND KEEP UNDER LOCK AND KEY.**
12. **TOXIC TO FISH AND WILD LIFE. DO NOT CONTAMINATE DRINKING POOLS, DAMS, RIVERS AND WATERWAYS.**
13. Due to the time between last treatment and harvest, it is not necessary to set a pre-harvest interval for use of treated plants either for harvest of grain or for harvest of plants for silage..
14. **SPILLAGE** - Use protective clothing when dealing with spillages. Prevent entry into drains, water or soil. Soak up spilled product with absorbent material such as dry soil, sawdust or sand and place into a labeled closable container for safe disposal. Use damp cloth to clean the floor and contaminated parts. Place used cleaning materials into closable container for safe disposal.
15. **CONTAINER DISPOSAL** - Triple rinse container emptying washings into spray tank and spray onto crop. Perforate and flatten rinsed container to make it unsuitable for further use or burn it and bury crushed container or ashes in a recommended disposal pit in a secure location away from water sources or arable land. Do not use empty container for any other purpose.
16. **RE-ENTRY:** As a general rule, treated areas should not be entered before spray deposit on plants surfaces has dried, unless protective clothing is worn.

### SYMPTOMS OF POISONING:

**Local:** Sensitisation, The product causes irritation of eyes, skin and mucous membranes.

**Systemic:** Tiredness, Thirst, Sweating, Anxiety, Hyperventilation, Tachycardia, Muscle rigidity, Hyperthermia.

### FIRST AID:

**General advice:** Remove contaminated clothing immediately and dispose of safely.

**Inhalation:** Move the victim to fresh air and keep at rest. Call a physician or poison control center immediately.

**Skin contact:** Wash off thoroughly with plenty of soap and water, if available with polyethyleneglycol 400, subsequently rinse with water. Call a physician or poison control center immediately.

**Eye contact:** Wash off immediately with plenty of water for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a physician or poison control center immediately.

**Ingestion:** Rinse mouth. Keep patient warm and at rest. **Do NOT** induce vomiting. Risk of product entering the lungs on vomiting after ingestion. Call a physician or poison control center immediately.



### NOTE TO PHYSICIAN:

#### **Treatment:**

**Local treatment:** Initial treatment: symptomatic.

**Systemic treatment:** Initial treatment: symptomatic. In case of ingestion gastric lavage should be considered in cases of significant ingestions only within the first 2 hours. However, the application of activated charcoal and sodium sulphate is always advisable. In case of hyperthermia physical cooling is advisable; in case of muscle rigidity muscle relaxants and mechanical ventilation may support in counteracting hyperthermia.

**Antidote:** There is no specific antidote.

### RESISTANCE WARNING:

To delay herbicide resistance:

- Avoid exclusive, repeated use of herbicides from the same herbicide Group Code.
- Alternate with products from different herbicide Group Codes.
- Integrate other control methods [chemical, cultural, etc.] in weed control programmes.

### TIMING OF APPLICATION:

**AUXO EC** formulation is applied post-emergence of the crop and weeds by broadcast spraying over the target area, from 2 leaves until 8 leaf stage of maize. Apply when the weeds are between the 4 and 6 leaf growth stage.

### MIXING:

#### **USE THE SPRAY MIXTURE WITHIN 6 HOURS AFTER MIXING**

1. Half-fill the spray tank with clean water.
2. Shake the product container and add the required amount of **AUXO EC** to the water in the spray tank, with agitation system in operation, then top up with clean water to the required volume.
3. Continue agitation during mixing, spraying and stoppages until the tank is empty
4. Ensure even coverage of the weed foliage by using nozzle types that are suitable for optimum post emergence application, such as double outlet flat fan (Twinjet) nozzles.
5. Apply by means of a tractor mounted boom sprayer or knapsack with continual agitation and which is correctly calibrated to deliver at least 200 - 300 litres spray mixture/ha.
6. Spray as soon as possible after mixing for optimum results.

# Herbicide



## NOTES:

1. Application of **AUXO EC** is intended to control the weeds present at the most critical time of the season, thus giving the crop a sufficient competitive advantage over the weeds, for the remainder of the growing season.
2. In the case of crop failure, maize can be re-sown one week after the application of the product.
3. **AUXO EC** will not control weeds emerging after application

**DIRECTIONS FOR USE:** USE ONLY AS DIRECTED.

CROP	TARGET WEEDS	APPLICATION RATE/HA	TIMING OF APPLICATION
MAIZE	Broadleaf and grass weeds.	<p><b>Tractor mounted tail-boom:</b> 1500 ml in 200 litres water/ha</p> <p><b>Knapsack lance:</b> One Knapsack sprayer capacity 16 litres requires 120 ml of <b>Auxo EC</b> and apply in 200 litres water/ha</p>	<p><b>Post emergence of the crop and weeds.</b></p> <p>Growth stage: When the crop is 30–45cm (<math>\pm</math> 30 days after planting), apply from the two-leaf until the eight-leaf stage of the maize crop which corresponds approximately to grass weed stages of 2 leaves up to early tillering and broadleaf weeds of 4-leaf to 6-leaf stages.</p> <p><b>NB.</b> Ensure total coverage of the weed foliage.</p>

## BROADLEAF WEEDS CONTROLLED:

BOTANICAL NAME	COMMON NAME
<i>Acanthospermum hispidum</i>	Upright starbur
<i>Amaranthus hybridus</i>	Pigweed
<i>Bidens pilosa</i>	Blackjack
<i>Chenopodium album</i>	Fathen
<i>Cleome monophylla</i>	Spindlepod
<i>Commelina benghalensis</i>	Wandering Jew
<i>Datura stramonium</i>	Stinkblaar
<i>Galinsoga parviflora</i>	Gallant soldier
<i>Ipomoea plebia</i>	Sabi morning glory
<i>Leucas martincensis</i>	Bobbin weed
<i>Nicandra physalodes</i>	Apple of Peru
<i>Physalis angulata</i>	Wild gooseberry

## BROADLEAF WEEDS CONTROLLED continued:

BOTANICAL NAME	COMMON NAME
<i>Portulaca oleracea</i>	Purslane
<i>Richardia scabra</i>	Mexican clover
<i>Schkuhria pinnata</i>	Dwarf marigold
<i>Sida alba</i>	Spiny sida
<i>Tagetes minuta</i>	Mexican marigold
<i>Xanthium strumarium</i>	Giant/large Cockle bur

## GRASS WEEDS CONTROLLED:

BOTANICAL NAME	COMMON NAME
<i>Dactyloctenium aegypticum</i>	Crow's foot
<i>Digitaria sanguinalis</i>	Crab finger-grass
<i>Eleusine indica</i>	Rapoko grass
<i>Melinis repens</i>	Natal red top
<i>Urochloa panicoides</i>	Garden urochloa

## NOTE:

1. **Auxo EC** controls the abovementioned weed species. Other weed species that were not present during the development trials with the product, may also be controlled to a certain degree. The registration holder does not accept any responsibility for efficacy on unlisted weeds.
2. Do not apply **Auxo EC** when maize or weeds are under stress (cold, drought, etc.)

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**WARRANTY:**

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 climatic and storage conditions; quality of dilution water; compatibility with other substances not indicated on the label and the occurrence of resistance of the pathogen 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 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.

