



# Escort 120 EC

Reg. No. L10778 Act No. 36 of 1947

GROUP

A

HERBICIDE

A selective post-emergence emulsifiable concentrate systemic herbicide for the control of volunteer Glyphosate tolerant maize before the planting of commercial maize.

'n Selektiewe na-opkom emulgeerbare gekonsentreerde sistemiese onkruidodder vir die beheer van Glifosaat-verdraagsame opslagmielies voor die plant van kommersiële mielies.

**Active ingredient / Aktiewe bestanddeel:**

Quizalofop-P-Tefuryl / Kwisalofop-P-Tefuriel ... 120 g/ℓ  
(Aryloxyphenoxy Propionate) / (Arieloksiefenoksie Propionaat)



Registered by / Geregistreer deur:

**AVIMA (Pty.) Ltd.**

Reg. No. 1961/001744/07

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Griffon Poison Information Centre: +27 82 446 8946

BATCH NO.:

LOT NR.:

DATE OF MANUFACTURE:

VERVAARDIGINGSDATUM:

EXPIRY DATE:

VERVALDATUM:

UN NO.:

VN NR.: 3082

Content  
Inhoud



IMPORTANT / BELANGRIK:  
Read label before use /  
Lees etiket voor gebruik



CAUTION  
VERSIGTIG



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(Aryloxyphenoxy Propionate) / (Arieloeksiefenoksie Propionaat)

Registered by: **AVIMA (Pty) Ltd**  
Co. Reg. No.: 1961/001744/07

P O Box 3131, Kenmare, 1745

Tel: +27 11 769 1300

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## WARNINGS:

• **Withholding period:** Allow the following number of days between the last application and planting of commercial maize:

**Maize:** ..... 5 days

- Handle with care.
- Keep out of reach of children, uninformed persons, and animals.
- Store away from food and feedstuffs.
- Avoid skin and eye contact since product can cause irritation.
- Skin contact may cause sensitization.
- Toxic to fish and aquatic life.

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 disease 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 of 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:

- Wear suitable protective clothing, eye and face protection, and rubber gloves during handling of the concentrate as well as handling of the spray mixture during application.
- Do not inhale the spray mist.
- Wash contaminated clothing after use.
- Wash with soap and water after accidental skin contact.

- Do not eat, drink, or smoke whilst mixing or applying the product or before washing hands and face.
- In case of contact with eyes, rinse immediately with plenty of water.
- If swallowed, do not induce vomiting. Seek medical advice immediately and show this container label.
- Avoid contamination of springs, dams, rivers, and other areas not under treatment.
- **TRIPLE RINSE THE EMPTY CONTAINER AS FOLLOWS:** Invert the empty container over the spray or mixing tank and drain for at least 30 seconds after the flow has slowed down to dripping. Thereafter rinse the empty container three times in succession with one quarter of the container volume fresh water and decant the rinsate into the spray or mixing tank.
- Puncture the triple rinsed container and dispose of via an approved collector or recycler ([www.croplife.co.za](http://www.croplife.co.za)).
- Do not bury, burn, or donate the container to any other parties that may use it as a container for food or beverages.
- Prevent contamination of food, feedstuffs, drinking water, and eating utensils.
- **RE-ENTRY:** Do not enter treated area before spray deposit has dried unless wearing protective clothing.

## USE RESTRICTIONS:

- Do not apply **ESCORT 120 EC** to Glyphosate tolerant maize plants when the plants are wet, suffering from drought or waterlogging stress, dormant, covered in a layer of dust, or suffering from frost damage.
- Prevent spray cover or allowing spray drift to come in contact with neighbouring crops or pastures especially cereal crops, for example maize, barley, oats, rye, and wheat.
- **ESCORT 120 EC** is quickly degraded in the soil and offers full rotational flexibility.

The following guidelines should be followed for replanting if a crop, treated with **ESCORT 120 EC** failed for some reason (e.g. hail):

- Avoid exclusive repeated use of herbicides from the same herbicide group code.
- Alternate or tank mix with products from different herbicide group codes.
- Integrate control methods (chemical, cultural and biological) into weed control programs.
- A waiting period of 4 weeks must be maintained before the planting of any broadleaved crop.

## WEEDS CONTROLLED:

The following weeds are normally controlled by **ESCORT 120 EC** when applied as recommended:

<i>Zea mays</i>	Glyphosate tolerant volunteer maize
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## RESISTANCE WARNING:

For resistance management purposes **ESCORT 120 EC** is classified as a Group Code A herbicide. Any weed population may contain individuals naturally resistant **ESCORT 120 EC** and other Group Code A herbicides. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly.

**ESCORT 120 EC** or any other Group A herbicides may not control these resistant weeds. 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 AVIMA (Pty) Ltd.

## DIRECTIONS FOR USE: Use only as indicated.

**ESCORT 120 EC** is a selective post-emergent grass herbicide.

- It should be applied to young, actively growing Glyphosate tolerant volunteer plants at the 2 – 6 leaf stage of growth (minimum plant height of 150 mm) to ensure optimal control.
- Ensure that an even droplet distribution is obtained on all leaves

of the target plants.

- **ESCORT 120 EC** is absorbed by the leaves of grasses and moves throughout the entire plant. It accumulates in the growing points of shoots and rhizomes where it interferes with normal cell functions, leading to the eventual die-off of the plant.
- The first signs, namely stunting and chlorosis of the tips of shoots, normally appear 5 – 10 days after application.
- Final results normally occur 14 – 21 days after application, depending on growing conditions.

**Mixing instructions:**

- Make sure the tank is thoroughly cleaned and all residues from previous operations are completely removed, especially after the use of hormone-based herbicides.
- Half-fill the spray tank with water, before adding the required quantity of **ESCORT 120 EC**, Glyphosate SL, and suitable oil into the spray tank.
- **Follow the following mix procedure:**
  - Ensure to add them in the following order, i.e. ammonium sulphate (AMS#), Glyphosate SL formulation, **ESCORT 120 EC**, and suitable oil. Then fill up the tank to the required volume.
  - The agitator should be running while the mixing and fill up process is taking place. Top up with water to the final volume required.
  - Ensure thorough agitation of the mixture in the tank during the spraying process.
  - Do not allow the spray mixture to stand in the spray tank for prolonged periods.

**Compatibility:**

- When mixing with other agricultural remedies, adhere to all label recommendations.
- **ESCORT 120 EC** can be mixed with Glyphosate SL formulations, ammonium sulphate, and suitable oils.

**Application:**

- Apply **ESCORT 120 EC** only on young, actively growing Glyphosate tolerant volunteer plants, under favourable and humid conditions.
- It is essential that the entire plant be thoroughly covered by the herbicide spray mixture.
- **ESCORT 120 EC** may be applied with any accurately calibrated medium or high volume sprayer that is equipped with an efficient agitation mechanism. Ensure to limit the formation of droplets smaller than 150 microns. Adequate coverage and even distribution are essential for good results. Best results are obtained by using flat-fan type nozzles.
- For post-emergence control of Glyphosate tolerant volunteer maize, apply between 200 – 400 l/ha of clean water at pressures of 100 – 150 kPa.
- When mixing with Glyphosate SL formulations for control of volunteer maize, apply a minimum of 150 l/ha of clean water at a pressure of 100 – 150 kPa.
- **To ensure complete and even droplet coverage on the leaves of volunteer maize, the addition of a suitable oil is recommended at a dose rate of 0,05 % (500 ml/100 l water).**

**Crops:**

**ESCORT 120 EC** may be used to control the following weeds in a pre-plant crop situation to control Glyphosate tolerant volunteer maize plants. The following weeds are normally controlled by **ESCORT 120 EC** when applied as recommended:

GRASS SP.		DOSAGE RATE as indicated	COMMENTS
<i>Zea mays</i>	Volunteer maize (Add <b>Escort 120 EC</b> , a Glyphosate SL formulation, AMS#, and a suitable oil at a rate of 500 ml/100 l water).	333 ml/ha	Ensure that the volunteer maize plants have reached a minimum height of 15 cm (150 mm).  (See COMMENTS below)

**Comments:**

**Volunteer maize:**

- **ESCORT 120 EC** may be tank mixed with Glyphosate SL formulations for the control of volunteer maize, 5 days prior to planting of maize.
- The **ESCORT 120 EC** application may lead to variable results when the minimum height of 150 mm is not reached or when it is applied after the 6 (six) leaf stage of the volunteer maize.
- Except for the above-mentioned herbicides, when any other herbicide must be applied, they should be applied separately with at least a 4-day interval.
- Soil covered maize cobs with multiple non-germinated seeds at the time of the application will lead to an extended period of germination. Only seeds which have germinated and reached the required growth stage at the time of application, will be controlled.

**General:**

- Volunteer maize that were overshadowed by other plants, soil, or dead crop matter at the time of application, may not be properly controlled.
- Volunteer maize plants not germinated at the time of application will not be controlled.
- **ESCORT 120 EC** is “rain fast” in 2 hours after application.
- Do not use **ESCORT 120 EC** in a tank mix with any hormone-based herbicides.