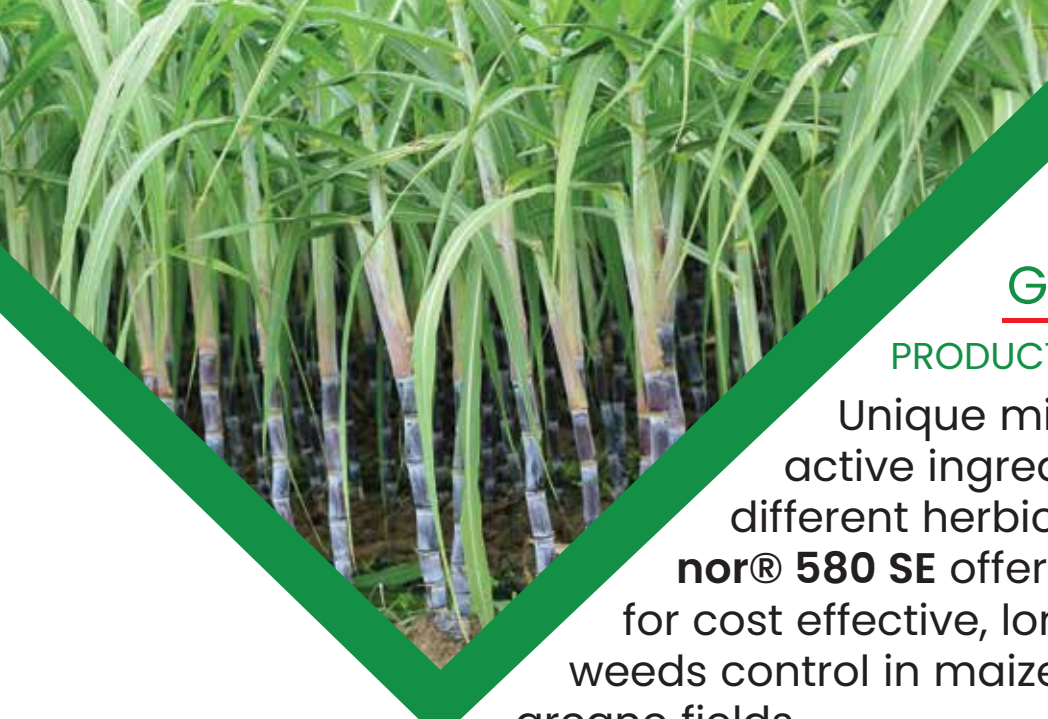


Greenlife
CROP PROTECTION AFRICA

TECHNICAL DATA SHEET

GOVERNOR[®]
580 SE

Your Growth, Our Growth



GOVERNOR® 580 SE

PRODUCT OVERVIEW

Unique mixture of 3 effective active ingredients belonging to different herbicide groups. **Governor® 580 SE** offers an excellent solution for cost effective, long lasting residual weeds control in maize, sweet corn and sugarcane fields.

ACTIVE INGREDIENT

Acetochlor 340g/L + Mesotrione 40g/L + Atrazine 200g/L

Formulation: Suspo-Emulsion

MODE OF ACTION

Acetochlor

HRAC K3; WSSA 15; Chloroacetamide

Selective herbicide, absorbed mainly by shoots and roots of germinating weeds. It inhibit cell division by blocking protein synthesis and long chain fatty acids. Its mode of action is elongase inhibition, and inhibition of geranylgeranyl pyrophosphate (GGPP) cyclization enzymes, part of the gibberellin pathway.

Mesotrione

HRAC F₂; WSSA 27; Triketone

Selective pre- and post-emergence control of a wide range of broad-leaved and grass weeds. It is a member of the benzoylcyclohexane-1,3-dione family of herbicides, which are chemically derived from a natural phytotoxin obtained from the Californian bottlebrush plant, Callistemon citrinus. The compound acts by competitive inhibition of the enzyme 4-hydroxyphenylpyruvate dioxygenase (HPPD), a component of the biochemical pathway that converts tyrosine to plastoquinone and alpha-tocopherol. It is rapidly taken up by weed species following foliar application, and is distributed within the plants by both acropetal and basipetal movement.

Atrazine

HRAC C₁; WSSA 5; 1,3,5-Triazine

Selective systemic herbicide, absorbed principally through the roots, but also through the foliage, with translocation acropetally in the xylem and accumulation in the apical meristems and leaves. It interferes with photosynthesis of broadleaf plants and grasses. It is used both before and after they sprout the crops has sprout.

RATE AND DIRECTION OF USE.



Crops	Weeds	Rate	Direction of Use
Maize Baby corn, Sweet corn, Sugarcane	All broad leaved weeds, sedges and grasses	2.5 L/Ha Knapsack appli- cation: 250 ml per 20 litres of water	Apply GOVERNOR® 580 SE as pre-emergence soil treatment herbicide and after planting crops and before emergence of crop seedling or as Early post emergence herbicide when the crops is 2-3 leaf stage . Ensure the soil has enough moisture for good efficacy of the products. ONLY single application per growing season.
REMARKS			
Timing	Pre-Emergence Application: As for the cultivation i.e immediately after planting but not emerged from soil. Post emergence: After the crops has emerged from the soil up to 2-3 leaf stage		
PHI	60 days		

GOVERNOR® 580 SE Delivers:

- Effective management of resistant weeds varieties making it suitable for resistance management programs.
- Long lasting residual control offering an excellent long lasting solution during all growth stages of crops.
- As post-emergence, can be applied upto 4 leaf stage, offering a broad application window.
- Excellent crop safety when used as indicated

GOVERNOR® 580 SE controls weeds before they germinate and start competing with maize. It eradicates broad leaved and annual grasses in maize including weeds resistant to acetolactate synthase (ALS), Triazine & glyphosates. Controls weeds with one application as a pre-emergence and early post- Emergence.





DISCLAIMERS

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