

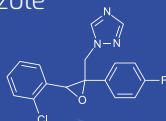
Chemistry in Action

Epoxiconazole

Chemical Formula : $C_{17}H_{13}ClFN_3O$

Chemical Group: Triazole

Chemical Structure:



Mode of Action: Preventive and curative action. Ergosterol biosynthesis inhibitor.

Thiophanate methyl

Chemical Formula : $C_{12}H_{14}N_4O_4S_2$

Chemical Group: Benzimidazole

Chemical Structure:



Mode of Action: Inhibition of mitosis and cell division.



Envigo 500SC

A combination of systemic and broad-spectrum fungicides with a unique mechanism

How Envigo 500SC works

- Envigo 500 SC is a unique powerful combination of fungicides containing Epoxiconazole and Thiophanate-methyl. Epoxiconazole in Envigo 500 SC stops the production of new fungal spores by inhibiting ergosterol biosynthesis. Thiophanate methyl is a systemic benzimidazole broad-spectrum fungicide which is absorbed by the roots and leaves of treated plants, and exhibits persistent protective and curative action.
- **Envigo 500 SC** is inhibiting mitosis and cell division of the pathogen and subsequently keeps crops healthy.

Salient features of Envigo 500SC

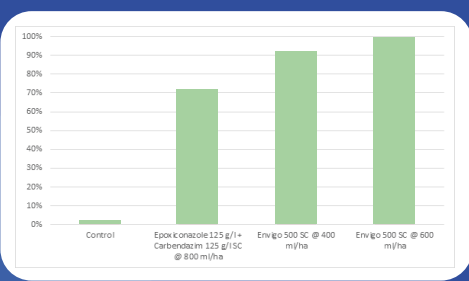
- Novel combination of 2 unique active ingredients
- Long durability and persistent activity after application
- Fine suspension concentrate with low toxicological profile

Key diseases and pathogens controlled:

- Rust (*Puccinia* sp.)
- Early leaf spot (*Cercospora* sp.)
- Leaf spot (*Cercospora* sp.)
- Phoma wet blotch, Rust (*Puccinia* sp.)
- Leaf blight (*Exserohillum* sp.)
- Powdery mildew (*Erysiphe graminis*)
- Leaf blotch (*Septoria* sp.)



Field Proven Efficacy



Graph showing % efficacy against Powdery Mildew symptoms at different dosages on wheat crop, compared to

Epoxiconazole 125 g/ L + Carbendazim 125 g/ L SC.

Envigo 500 SC was tested at different doses rates and compared with Epoxiconazole 125 g/ L + Carbendazim 125 g/ L SC, pictures showing the efficacy of **Envigo 500 SC** against powdery mildew on wheat crop in a trial conducted in the Winter season, Narok, Kenya in 2015

Extensive field trials and commercial applications have proven the efficacy of **Envigo 500 SC** against a wide range of fungal diseases on Maize, Wheat, Barley, Soybeans, and Ground nuts.



Application Rates

Crop	Disease / Pathogen	Rate
Maize	Rust (<i>Puccinia</i> sp.), Leaf spot (<i>Cercospora</i> sp.), Leaf blight (<i>Exserohilum</i> sp.)	800 ml/Ha
Wheat, Barley	Rust (<i>Puccinia</i> sp.), Leaf spot (<i>Cercospora</i> sp.), Leaf blight (<i>Exserohilum</i> sp.)	500 - 600 ml/Ha
Soya beans, Groundnuts	Early leaf spot (<i>Cercospora</i> sp.), Phoma wet blotch, Rust (<i>Puccinia</i> sp.)	400 ml/Ha

Important Note:
The indicated crops and recommended rate of application mentioned in this Product informative sheet may not be applicable in the country where the product is intended to be used. User must refer and use the product only as per the officially registration at the country of use and the approved uses and rates by the authorized authorities. The supplier will not be responsible or liable if the product is used on crops which are not listed on the official label as approved the ministry of agriculture at the country of use.

Disclaimer: This information and all further technical advice is based on our present knowledge and experience and approvals from the registration authorities. The visualizations presented herein are intended for illustrative and educational purposes only. They do not represent scientifically accurate depictions of agricultural processes, nor do they have any legal binding. The information depicted is based on widely recognized agricultural knowledge and practices described in writing. However, it implies no liability or other legal responsibility on our part, including with regard to existing third-party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. In the event of any discrepancies between the information stated herein or any other information source and the information stated on the product label, the information stated on the product label will prevail. The customer/user is not released from the obligation to conduct careful inspection and testing of products. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of the customer on small scale plot. Reference to trade names use by other companies is neither a recommendation nor does it imply that similar products could not be used.