

Emerald[®]

23

FUNGICIDES

DID YOU KNOW IT?

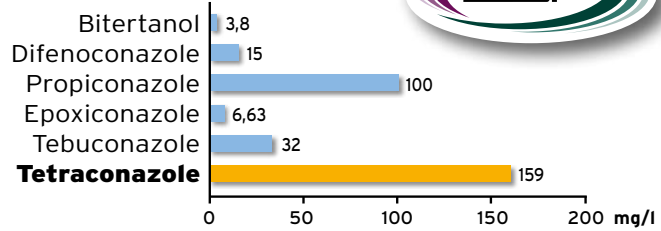
ME Formulation



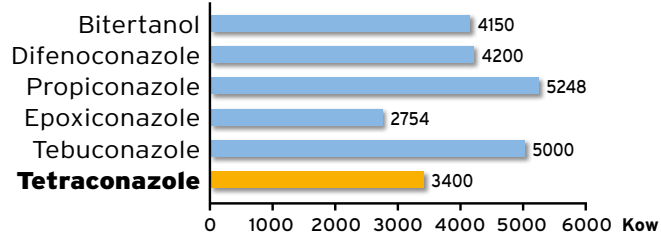
Tetraconazole 230 g/l

Tetraconazole has a balance between water solubility and lipid solubility unique among Triazoles...

HYDROSOLUBILITY



LIPOSOLUBILITY



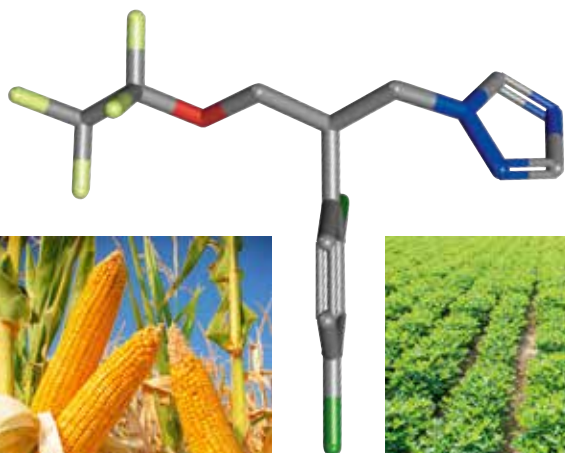
Data source: Triazoles published data sheets

...which makes the following features involved in its fungicidal activity excellent, delivering an Enhanced Systemic Protection to crops:

- ▶ **Quick penetration and absorption** through the cuticle
- ▶ **High systemicity**
- ▶ **Even distribution** into plant tissues
- ▶ **Prompt redistribution** and an even coverage of the treated surface



Excellent Formulation



> Prompt and long lasting action

Tetraconazole inhibits the metabolic pathway of fungal ergosterol production. This causes the cell membranes to malfunction leading to the death of the fungus.

Tetraconazole is applied to crops in a preventive and curative way.

> Excellent selectivity

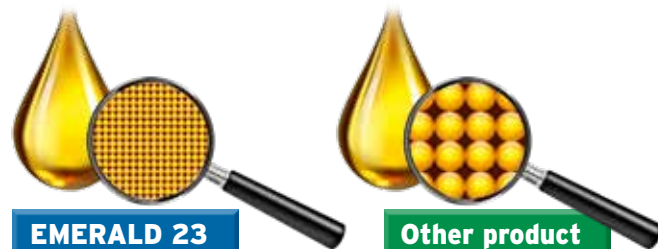
No interference with Phytosterols biosynthesis

Absence of PHYTOTOXIC EFFECTS

No interference with Gibberellins biosynthesis

Absence of DWARFING EFFECTS

> An excellent formulation



Emulsified particles, 1000 times smaller than those of competitors, lead to better coverage of the sprayed surface, thus better canopy protection.

> A reliable solution against many diseases for many crops

Row crops: Powdery Mildew, Rusts, Septoria, Cercospora, Ramularia.

Vegetables: Powdery Mildew, Early Blight.

Top fruits: Powdery Mildew, Black Rot, Apple Scab, Anthracnose.

Favourable ecotoxicological profile

Compatible with most of crop protection products