

s 2024 0044

The invention relates to chemistry and agriculture, in particular to a quaternary derivative of 1,2,4,-triazole and to its use as a fungicidal agent against *Fusarium avenaceum* and *Fusarium oxysporum* fungi.

According to the invention, claimed is a new compound of the class of 1,2,4-triazoles – 4-(2-(2,4-dichlorophenyl)-2-oxoethyl)-1-((2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl)methyl)-1*H*-1,2,4-triazole-4-ium chloride, which can be used as an active compound against phytopathogenic fungi of the species *F. avenaceum* and *F. oxysporum* - some from root rot causative agents.

The technical result consists in increasing the fungitoxic activity of the compound according to the invention relative to the closest analogue by 24...64% for *F. avenaceum* and by 14...52% for *F. oxysporum* in the concentration range of 0.01...0.00125%.

Claims: 2