93-0056

The invention relates to the method of combating of phytopathogenical funguses by the means of treatment of plants and soil with the derivative 1-(1,3-dioxalan-32-ilmethyl)-azol that is characterized by the fact that in the capacity of derivative 1-(1,3-dioxalan-2-ilmethyl)-azol a compound with a general formula is used,

$$(ArO)$$
-C=C (R_b) -CH=C $C(R_a)$ =C O -U-V-O-C-CH₂-N-Y=CH-N=C

where

Y - are CH or N;

R_a - are hydrogen, C₁-C₂ alkyl, fluorine, chlorine, bromine, methoxy;

R_b - are hydrogen, methyl, isopropyl;

Ar - are phenyl, naphthyl or phenyl substituted by the formula,

$$-C=(R_9)-C(R_8)=C(R_9)-C(R_{10})=C$$

where

R₇ - are hydrogen, methyl, chlorine, fluorine, nitro, trifluormethyl;

 R_8 - are hydrogen, trifluormethyl, methyl, chlorine, fluorine;

 R_9 - hydrogen, methyl, methoxy, chlorine, bromine, fluorine, trifluormethyl, nitro, tertiarybutyl;

R₁₀ - hydrogen, chlorine, methyl, trhifluormethyl, nitro;

U and V together form alkyllinks, where

R₁ - hydrogen, C₂-C₂ - alkyl;

R₂ - hydrogen, C₁-C₃-alkyl, CH₂OR₆;

R₆ - hydrogen, methyl, 4-methylphenyl, 4-chlorbenzyl;

R₃ - hydrogen, methyl;

 R_5 - hydrogen, C_1 - C_3 -alkyl or hyponitrite and hydrogen bromide salt, or complex with copper sulfate in the quantity of 60-600 gr/ha.