

# Turkish Journal of Agriculture and Forestry

Turkish Journal

of

Agriculture and Forestry

**Effect of Potassium Damping-off (*Pythium* sp and *Rhizoctonia solani*) and Cold Tolerance on Tobacco Seedlings**

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**Abstract:** Effect of Potassium on damping off tobacco caused by *Pythium* sp and *Rhizoctonia solani* were investigated by giving 10, 20, 30 kg/da (5, 10, 15 ppm)  $K_2SO_4$  as  $K_2O$  base and pathogen inoculum at the same time at green house experiments. Potassium application did not present disease development at all three rates, but at the rate of 20 kg/da  $K_2O$  there were a slight seedling cover of 13,75% and 3,75% for *Pythium* sp. and *R.solani* especially. Potassium at the rate of 10 kg/da prevented cold shock of tobacco seedlings at 3-5°C but at higher rates this effect was not observed. Potassium did not protect the tobacco seedlings against low temperatures 1-5(-9) °C.

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Turk. J. Agric. For., **23**, (1999), 843-848.

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Other articles published in the same issue: [Turk. J. Agric. For.,vol.23,iss.EK4](#).