

Turkish Journal of Agriculture and Forestry

Turkish Journal

of

Agriculture and Forestry

The Relationships Between Penetration Resistance and Certain Soil Properties

Cevdet ŐEKER

Selçuk Üniversitesi, Ziraat Fakóltesi, Toprak Bölümü, Konya - TÜRKİYE

 [Keywords](#)
 [Authors](#)



agric@tubitak.gov.tr

[Scientific Journals Home Page](#)

Abstract: The purpose of this study was to determine the relationships between penetration resistance and certain soil properties, and to develop regression equations based on these relationships for predicting penetration resistance. Field studies were conducted on four different Entisol soils in plains in the Konya regions. Below 0.2 μm , pore-size distribution was found to be positively related to soil penetration resistance and bulk density. Above 50 μm , pore-size distribution was found to be negatively related to soil penetration resistance and total porosity.

Turk. J. Agric. For., **23**, (1999), 583-588.

Full text: [pdf](#)

Other articles published in the same issue: [Turk. J. Agric. For.,vol.23,iss.EK3](#).