

**PENETROMÉTERES MEGFIGYELÉSEK NAPRAFORGÓBAN
KÜLÖNBÖZŐ AGROTECHNIKAI BEAVATKOZÁSOK
ELLENŐRZÉSE CÉLJÁBÓL**

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ABSTRACT - Observations with penetrometer in sunflower stands to check the effects of different agrotechnical activities

In an experiment of 2008 at Kisvárda the effects of three pairs agrotechnical methods were studied by the help of penetrometer. On the basis of the results have been got the earth up tillage modi increased the compactness of the soil - versus hoeing modi significantly at 8cm -9cm-10cm-11cm-12cm soil levels. The other agrotechnical steps as sowing at 5cm and 7,5cm soil levels, 35cm and 70cm plant distances didn't effected the compactness of the soil in the soil levels of 10-11-12-13-14-15-16 cm.

Keywords: sunflower, penetrometer, agrotechnical methods, soil compactness

Kulcsszavak: napraforgó, penetrométer, agrotechnikai módszerek, talajtömörtség