

THE STUDY ON THE POSSIBILITY OF THE SOIL SUCTION SIMULATION STUDY OF SOILS FROM BREAZU AND DANCU AREAS THROUGH THE SOIL PARAMETER ESTIMATOR SOFTWARE

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Abstract

To determine the soil suction is needed a previously analysis of the retention capacity (storage). In achieving this paper aims to present a method to study the retention of two types of soils taken from Breazu and Dancu study areas, at four harvesting depths (0-20 cm, 20-40 cm, 40-60 cm and 60-80 cm) through the simulation technique implemented with the help of SOIL PARAMETER ESTIMATOR software who needed a data series of bulk density - previously determined for each harvest depth. Following the introduction of data entry, the software generated a total of eight suction curves, one for each depth, corresponding to study areas mentioned above.

Key words: Soil Parameter Estimator, suction curves, bulk density
