

Software for the computation of soil particle size distribution and soil texture

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Abstract

Soil texture is one of the most important soil physical properties that can be used to predict the possible response of soil to different management methods. This paper presents a suite of software developed on the Visual Basic platform is designed for the computation of soil texture from hydrometer or pipette data using either the modified Bouyocos or the Day procedures. It can also at the same time estimate soil textural class from data on textural composition using either the USDA, IUSS or the BSI classification schemes as desired. It has the capability of plotting a particle size distribution curve and uniformity coefficients.