



Determination of soil suitability for various agricultural crops in the Galati county

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In order to ensure the best farming conditions for plants it is necessary to know in detail the soil resources as well as their fertility levels. Soil fertility is an important quality which expresses its capacity to produce crops, while their quantity is determined by plant requirements in relation with the vegetation factors. The soils are characterized qualitatively in relation to the various categories of usage. In the present paper we are shown the soil favorability for the various agricultural crops in the Movileni area, situated in the Tecuci Plain. The inclusion of lands under various categories of suitability was achieved according to the criterium of production limitative factors during a particular usage. In establishing the classes of suitability we started from the properties of land units marked with symbols which constitute restrictions in the use of arable land or other uses, their intensity being connected with the classes of suitability. The limitative factors of production were established and measures have been taken for eliminating them and for prevention of land degradation through anthropic cultivation.