



## Considerations concerning the rational use of irrigation water

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The paper presents the following problems: requirement and water resources for the agriculture; Romania's objectives for development and integration; the consumption of water at the soil and the restoration of the soil reserve; the cycle of watering and the component elements; the irrigation surface in the cycle of watering.

The restoration of soil humidity is made in the natural way (through rainfall) and artificial way (through irrigation). The watering is with constant or variable size at the duration of cycle. The work made with constant watering is specific for big irrigated surfaces.

On the duration of the watering cycle, an installation serves a certain surface, for the conditions of the month with a maximum consumption of irrigation water (as a rule July month).