



GRADUL MINIM DE UTILIZARE PROFITABILĂ A LUCRARILOR DE IRIGAȚII DIN AMENAJAREA COMPLEXĂ ALBITA-FALCIU

MINIMUM DEGREE OF PROFITABLE UTILIZATION OF IRRIGATION WORKS USE IN ALBITA FALCIU

GABOR V., CISMARU C. - Universitatea Tehnică "Gh. Asachi" Iași
I. TARAN SNIF - Sucursala Vaslui

This paper analyzes the possibilities for an efficient operation of irrigation systems from Albota-Falcu zone, by assurance of water annual demand over the minimum level. The imposed criteria is that the value of incremental crop yield caused by irrigation must exceed the sum of costs of irrigation scheme for operation, maintenance, repairs, pumping costs and supplementary costs of agricultural inputs. Taking into account a crop pattern, results relieve the necessity to ensure a minimal water demand about 40% from multiannual average water quantity of this irrigation scheme. Has been established some technical measures for increasing of actual water demand level.