



L.influence des conditions climatiques sur le régime d.humidité du sol, de la consommation d.eau et de la production à soja cultivé dans la plaine de burnas, la zone Băneasa-Giurgiu

C.G. TUȘA, C. BĂLĂCEANU, Carmen VASILICĂ - I.C.I.T.I.D. Băneasa, Giurgiu

The researches carried out within an experimental field arranged for the crop water consumption study at Băneasa-Giurgiu, within the Burnas Plain. Data processing was done taking into account the growing phases of the crop. The phases were grouped within three periods of the warm season of the year (April - September), as follows:

- I. sowing - beginning blossoming
- II. beginning blossoming - beginning ripening
- III. beginning ripening - harvesting

In order to point out the influence of the climatic conditions on soil moisture the following elements were taken into account:

- deficit/exceeding of humidity expressed by the indicator evapotranspiration-rainfall (ETP - R) and the initial soil moisture as generating factors;
- final soil moisture reserve as resultant factor. The correlative relations are distinct significant.