



## Studiul relației dintre rezistența la iernare și unii indici fiziologici la diferite soiuri de grâu

Carmen Doina JITĂREANU - USAMV Iasi

Ionela IOAN - S.C.D.A. Podu-Iloaiei, Iasi

Liana Doina TOMA, Alina Elena MARTA, Mirela RADU, B. NECHITA - USAMV Iasi

The low temperatures during winter represent a factor of stress that can determine the development of physiological processes on which depend the formation of wheat crop. The research has been done seven wheat cultivars (Bet, Boema, Crina, Eliana, Fundulea 4, Iasi 2, Gabriela) with different strength to wintering, cultivated at S.R.D.A. Podu Iloaiei, under the ecologic conditions of agricultural year 2004-2005. There has been analysed physiological indeces of the photosynthesis process, the content which depend the plant strengthening, as well as the physiologic processes which assure the crop formation in the active period of vegetation during the spring - summer season.