



## The yield of varieties winter wheat grown under enviromental conditions of Moldavian Plain

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In the environmental conditions of the SCDA Podu Iloaiei, have experienced 12 varieties of winter wheat in 2005-2008 in order to find the most productive for area. The research results for crop years 2005-2006 and 2007-2008 are presented, 2006-2007 crop year was very dry, the results can not be taken into account. In the crop year 2005-2006, the highest production was obtained to Beti variety of 8842 kg/ha followed by variety Iași 2, with 8239 kg / ha. The two varieties have obtained very significant differences against the experience average. In the crop year 2007-2008 the highest production was obtained to Faur variety ,with 9990 kg / ha followed by Flamura 85 variety with 9879 kg / ha and Izvor variety with 9585 kg / ha, differences being very significant against the experience average.