



## Cercetări privind determinismul genetic al perioadei de vegetație la porumb (*Zea mays*)

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The investigation on the genetic determination of the growth season in Maize have been conducted during 1997-1999 by the study of 100 simple F1 hybrids which proceeded from a diallel crossing system of  $p(p-1)$  type. The analysis of genetic variances showed the significant implications of the phase for psychological ripeness . technical ripeness, wich represent an important criterium for choosing parental forms in order to create hybrids. The analysis of genetic corelations beetwin growth season and yeld capacity shows that there could obtained some early and productive hybridsby the valorization of genetic interactions involved in the determination of growth stages.