



## Obținerea unor surse noi de germoplasma la specia *Phaseolus vulgaris* cu calități productive competitive

Daniela TRIFAN - Universitatea "Dunarea de Jos" Galați

The scope of the experiment was to study local populations of garden *Phaseolus vulgaris* L. as well as certified varieties in order to extract valuable genotypes for amelioration purposes.

From 42 collected populations from different villages of Braila county there were analyzed in comparison with 6 certified varieties, through greenhouse cultivation on vermic chernozem high carbonate clay.

The observations during the vegetation period corroborated with biochemical Laboratory analyses were statistically correlated and proved that the studied genotypes represent a very diverse biological material with a high genetical variability, fact that will allow selection and hybridation of these varieties and populations.

Along with the certified varieties, the local Tichilești, Vadeni and Movila Miresii populations stood out for both quantitative and quality production.