



**ZBORNIK APSTRAKATA  
IV SIMPOZIJUMA SEKCIJE ZA OPLEMENJIVANJE ORGANIZAMA  
DRUŠTVA GENETIČARA SRBIJE**

**BOOK OF ABSTRACTS  
IV SYMPOSIUM OF THE SECTION OF THE BREEDING OF ORGANISMS  
OF THE SERBIAN GENETIC SOCIETY**



Akademija inženjerskih  
nauka Srbije

**OKRUGLI STO / ROUND TABLE  
KVALITET HRANE - DOPRINOS NAUKE  
FOOD QUALITY - CONTRIBUTION OF SCIENCE**

**Beograd/Belgrade  
2011**

**PROUČAVANJE NEKIH POPULACIJA PASULJA  
(*Phaseolus vulgaris* L). POREKLOM IZ CENTRALNE SRBIJE**

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Poučavanje populacija pasulja prikupljenih tokom rada na terenu, poseta proizvođačima ili na lokalnim pijacama centralne Srbije, ima izuzetno veliki značaj za program oplemenjivanja pasulja u Institutu za povrtarstvo d.o.o. u Smederevskoj Palanci. U početnim istraživanjima obuhvaćene su standardne osobine: visina stabla, broj mahuna po biljci, broj zrna u mahuni, masa 1000 semena, oblik i boja zrna, potencijalna rezistentnost. Istraživanjima su obuhvaćene 37 populacija.

Od posmatranih osobina u radu su prokazane tri osobine: visina stabla, broj zrna u mahuni i masa 1000 semena

Ključne reči: pasulj, visina stabla, broj zrna u mahuni, apsolutna masa zrna

**STUDY OF SOME BEAN (*Phaseolus vulgaris* L) POPULATIONS  
ORIGINATING FROM CENTRAL SERBIA**

Study of bean populations collected during the field work, visiting the producers or local markets in central Serbia is extremely significant in bean breeding at the Institute for Vegetable Crops, Smederevska Palanka. In the initial studies of standard traits of beans: stalk height, number of pods per plant, number of grains in pod, weight of 1000 grains, shape and colour of grains, potential resistance have been examined. The study covered 37 populations. From all researched traits, this paper deals with three: stalk height, number of grains per pod and weight of 1000 grains.

Key words: bean, stalk height, number of grains per pod, absolute weight of grain