



Capacitatea de producție a unor linii mutante de fasole pentru pastai cu creștere determinată, în câmpul de control și câmpul de culturi comparative de orientare

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The effects of pod bean seeds irradiation (with gamma rays) was studied in more generations. The mature seeds of four pod beans cultivars (Cape, Valja, Galbena de Moldova and Atlantic) was irradiated with 5, 10 and 15 Kr only in the first year of experiments. In this paper we present the pod productions at the mutant lines results obtained in the comparative fields. From the average of the results registered in the two testing years (2001-2002) at Ezareni Farm of Didactic Station Iasi, we select two mutant lines: one with 35,0% increasing related at Cape unirradiated cultivar and one with 36,9% more than Atlantic unirradiated cultivar was distinguished.