DEPENDENCE OF SOYBEAN YIELD PER PLANT FROM ROW SPACE AND MATURITY GROUP IN IRRIGATION CONDITIONS

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In two years research three space rows and three sorts of soybean in irrigation conditions observed. Goal was to establish in which quantities different row space influence on soybean yield per plant. In boat years was distinguished significantly higher mass of absolutely dry seed per plant in space row of 70 cm comparing with 50 and 25 cm. By average for two years, the highest yield reach late sort – Vojvodjanka. Interaction between sort and space row show that soybean genotypes differently react on space row changing. Results strongly recommended sort's agro technique in soybean production, and irrigation must be appropriate with quantity and schedule of precipitation.

Keywords: space row, irrigation, yield per plant, sorts