

Effect of planting pattern on soybean and pigeonpea intercropping system

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ABSTRACT

The field experiment was carried out on clayey soil at Agriculture College Farm, Latur (M.S.) during 2006-2007 to find out the suitable soybean genotype for intercropping and to identify the suitable planting pattern for getting higher productivity in system. The result of field trial indicated that planting pattern 4:2 and intercropping system of soybean (JS-335) with pigeonpea were more profitable than other planting patterns and intercropping systems under study. Similarly highest values of grain equivalent, net monetary return and land equivalent ratio were recorded in intercropping system soybean (JS -335) + pigeonpea (BSMR – 736) and planting pattern 4:2.

Key words : Grain equivalent, Planting pattern, Intercropping, Soybean, Land equivalent ratio

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