

THE EFFECT OF DIFFERENT SEED DENSITY, VARIETY AND SOIL INOCULANT ON YIELD OF SOYBEAN

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The research was established in one growing season (2018), in 4 repeats, on 10 square meter random layout plots in the research farm of the Department of Field Crops Research of National Agricultural Research and Innovation Centre, in Szeged-Óthalom.

In our investigation we used two different seeding rates (40 and 60 seeds m⁻²) on two soybean varieties (Pannónia kincse, Bahia). This study was conducted in inoculated field soil and non-inoculated field soil. We determined the yield and evaluated our results with variance analysis according to the different seeding density and varieties.