



Response of cigar tobacco to watering at two levels of mineral fertilization

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Reaction of three cigar tobacco cultivars subjected to two levels of fertilization (low and high) and watering (equivalent 100 mm of rainfall) were studied in three-year field experiment.

The experiment was conducted on brown soil (loess origin) in Lublin region. Effect of experimental factors differed and depended upon cultivar and meteorological conditions during vegetation.

In general, watering promoted yields of leaves but negatively affected their quality.

Increased fertilization had positive effect on both: yield of leaves and their quality.

As concerns cultivars compared (Badischer Geudertheimer, Havana and Korso), their reaction to fertilization and watering differed. On average, they did not differ significantly in yields, there were found however important differences in quality characteristics of leaves.