



The effect of organic-mineral fertilization on the production on sugar beet in a three years rotation sugar beet-wheat-maize, in a long term experiment.

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In the experiments conducted in Ezareni- Iasi during 1986-2000 we observed the influence of nitrogen fertilisation (0-240 kg/ha) on a uniform P and K (P96K96) background and of organic fertilisers (manure, straw) on the roots fresh leaf and the dry matter on sugar beet yield. The average yield registered during 15 years was: 305-435 q/ha of fresh roots, 65.2-94,7 q/ha of dry matter in roots and 95-146 q/ha total dry matter the biggest values were registered in the manure background. The average yields were very much influenced by climatic conditions.