



Cercetari privind fertilizarea de lunga durata asupra productiei la graul de toamna

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The paper presents the influence of some chemical fertilizers, based on nitrogen and phosphorus, applied in different rates into on long time trial.

The wheat productions was influenced by fertilization system, showing a great annual variability wich are determined from climatical conditions.

The average production from an unfertilized check in 1996-2000 years period was 3691kg/ha, with variability up 2928 to 4389 kg/ha.

The nitrogen fertilizers aplication rezulted production up 4256 to 4907 kg/ha.

The increases by nitrogen fertilizers aplication was 408-1129 kg/ha, respectively 10-29%.

By phosphorus fertilizers aplication rezulted production up 4326 to 4653 kg/ha. The yield increases was 90-417 kg/ha that meaning 2-10%.