



## Asupra productiei si calitatii acesteia la porumb, intr-o experienta de lunga durata la Ezareni - Iasi

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The experiences have been performed between 1986-1999 and they followed the effect of the nitrogen doses (50,100,150,200 kg N/ha) on a uniform P80K80 content of the soil and the organic fertilizer remanence (manure, hached straws, collumns of sugar beet) on grain production, the protein content and production. In comparizon with the variant of P80K80 fertilizer (60,39 q/ha grains) the highest increase (13,31 q/ha grains) have been accomplished by fertilizing the soil with N100P80K80 on the agrofund having a remanent effect from the 2 nd year of manure administration. The highest percentage of protein (9,62 %) and also the highest production (681,6 kg/ha) have been obtained in the variant fertilized of the soil with manure contenting already 200 kg N/ha.