



CATEVA ASPECTE PRIVIND DINAMICA FORMELOR
MOBILE DE AZOT IN RAPORT CU INGRASAMINTELE
APPLICATE LA CULTURA PORUMBULUI PE UN SOL BRUN
ROSCAT DIN ZONA CENTRALA A OLTENIEI
SOME ASPECTS OF MOBILE FORMS OF NITROGEN DYNAMICS
IN RELATION TO FERTILIZERS APPLIED TO CROP BIRDS
REDDISH BROWN SOIL THE CENTRAL AREA OF OLTENIA

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The researchs have been carried out within the Banu Maracine Research Station which belong to the University of Craiova, on a brown reddish soil, studying the mobile nitrogen in comparison with the fertilizers applied with the corn crop. There was determined the ammonium and nitric nitrogen from the 0-40 cm layer of soil with three manure doses applied as well as for the three chemical nitrogen applied as follows: without nitrogen, N64,N64P48K80; the soil samples were taken in May, June, July, August and September. In its dynamics, the ammonium nitrogen increase from April till May and then decrease to the end of the vegetation period. Within the vegetation period of corn there is more nitric nitrogen into the soil than the ammonium one. In order to have a better image of the nitrogen behavior into the soil, the dynamics of the both forms will be presented as diagrams in comparison with the manure an to chemical fertilizers.