



Monitoringul fitosanitar si toxicologic in agroecosisteme cu diferite grad de influenta antropica

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The researches had been carried out in long term experiments plots with different level of antropical influence. The objective of researches- monitoring from different point of view such as weeds and pests noxious, soil toxicity and its ecological functions. It was established: minimization of soil tillage, soil tillage with ploscorez, soil fertility is going down through high bulk density, phosphors insufficiency , and perennial weeds. The high level of fertility can be obtain as a result of rational crop rotation, applying 60t/he on chernozems(black soil) with the level of humus of 3% and 35t/he in crop rotations with alfalfa, properly applying of herbicides under wide row crops, mould board soil tillage, seeding of high quality seeds.