

**ECOLOGISATION OF AGRICULTURE AND PLANTNUTRITION OF
WINTER WHEAT IN THE FOREST STEPPE OF UKRAINE.**

A. Babenko, assistant

National University of Life and Environmental Sciences of Ukraine

Investigated the role of organic and mineral fertilizers on condition of ecological agriculture. In growing winter wheat in the steppe of Ukraine proposed settlement of accounts balance of nutrients on the ecological system of farming.

Winter wheat, system of fertilizer, productivity, soil fertility indices, ecological systems of agriculture.

Intensive economic evaluation index system of agriculture is crop yield. The highest yield of winter wheat, an average of three years obtained by intensive (industrial) and ecological farming system (tab. 4) after clover on a slope. Something was lower after peas (8-10%) and after corn silage (by 15-18%). Grain yield of winter wheat significantly decreased in versions biological agriculture. This decrease amounted from 3 to 10 kg / ha.

Conclusions. For winter wheat in the steppes of Ukraine ro-zrahunok balance of nutrients appropriate conduct for ecological farming systems that provide non-deficit balance of nutrients in the soil and a more rational use of resources compared with intensive (industrial) agriculture