ECOLOGO-AMELIORATING AND AGROBIOLOGICAL METHODS TO INCREASE PRODUCTIVITY OF ORGANIC SOILS IN THE EUROPEAN NORTH OF RUSSIA

Kononov O. D., Lagutina T. B.

Archangelsk Research Institute of Agriculture of Russian Academy of Agricultural Sciences 10 Lugovoi, Primorsky raion, Archangelskaya oblast, 163032, Russia

E-mail: arhniish@ mail.ru

Based on the results of the soil fertility survey the ways to increase peat soil productivity are given. Soil management, soil reclamation and plant management should be based on the condition of individual studied areas. Individual fields have to become part in crop rotation systems where yields are being planned according to the soil condition.

Key words: peat soils, agroecosystems, effective management, mineral fertiliser rates.