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**IMPROVEMENT OF NATURAL HERBAGES OF LONG USE ON  
DRAINED PEAT SOILS BY OPTIMIZING FERTILIZATION AND  
SELECTION OF GRASS MIXTURES WITH DIFFERENT TERMS OF  
RIPENESS**

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*Based on years of research demonstrated the possibility and expediency of improving natural mixtures on drained peat soils containing up to 40–50 % of valuable species of meadow grass and wholemeal cereals, as well as building on the basis of productive grasslands that provide yield 5.0 t/ha without fertilizers and 10.0 t/ha of hay for their application by conducting 2–3-fold of mowing.*

***Peat, drainage, grass mixture, slopes, fertilizers, crop yields.***

At drained peat soils, which are preserved valuable species of herbage meadow grass (*Dactylis glomerata*, *Bromus inermis*, foxtail cane, giant bent) by 40-50% and wholemeal cereals (bluegrass meadow and marsh, Aquatic normal, ordinary *Beckmannia* etc.), create high-performance herbage durables by 2.3-fold of mowing and fertilizing.