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**IMPACT OF TECHNOLOGICAL METHODS OF CULTIVATION ON YIELD AND QUALITY OF ORCHARD GRASS SEED OF UKRAINIAN POLISSYA.**

On the basis of field research conducted the paper highlights the results of the investigations into the peculiarities of forming yield and quality of orchard grass (Dactulis glomerata L.) seed of Muravka and Kyivska rannya varieties depending on the growing methods, rates of mineral fertilizers and the use of rare complex fertilizers.

It has been established that under the conditions of Ukrainian Polissya the optimal conditions of forming maximum indices of orchard grass seeding yielding capacity (0.71–0.62 ton per hectare) are provided by the application of mineral fertilizers at the rate of N₆₀P₆₀K₆₀ in combination with rare complex fertilizer Quantum – Grain + Bor-Active.

The highest indices of yield and quality on orchard grass seed were obtained under spring coverless seeding under the application of N₆₀P₆₀K₆₀ and rare complex fertilizer Quantum – Grain.

**Key words:** orchard grass, seeding yielding capacity, quality on orchard grass seed, rare complex fertilizer, cover crops.