

Annotation

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Influence of seeding and predecessors on plant growth and productivity wheat spring.

One of the most important crops in Ukraine is spring wheat. Its importance is growing in years with adverse conditions of autumn-winter period. The culture of early sowing, the yield range varies significantly and researched enough. This also applies to the influence of class and a precursor to the growth of productivity, efficiency and quality of grain.

Therefore, the aim of the study was to examine the features of formation of productivity riznostiglih varieties of spring wheat depending on the precursor and the time of sowing. purpose: To determine the effect of the predecessor and the time of sowing on yield and quality of grain of spring wheat; identify the features of the formation of a summer soft wheat agrophytocenosis depending on the precursor and the time of sowing.

The full realization of the genetic potential of modern varieties is only possible with the use for sowing seeds with high sowing qualities and fruitful properties. poor quality seed material does not provide adequate density of crops, which leads to lower productivity. The best solution to this problem is to improve the quality of the seed, which will prevent massive losses even under adverse climatic conditions.

The aim was to investigate the dependence on seed, rows sowing predshestvinnika and sowing qualities of seeds of spring wheat followed by determination of the optimal fractional composition culture seeds and varieties that are being studied. The subject of research were varieties of spring wheat turns and Collective 3. The highest seed yield of spring wheat planting is formed on predshestvinnike soybean grain. This figure was 4.9 and 5,04-5,23 t / ha, respectively, in grades 3 turns and the collective in the early sowing rows.

Because of the difference in terms of the formation of the harvest, high grain yield was in the first term sowing - in the first five days of April, lower than the second term (the second five days) and the lowest - for the third time of sowing - in the third five days in April.

Key words: *variety, sowing terms, agrocenosis, wheat capacity, grain quality.*