

**ANALYSIS OF METHODOLOGICAL RESOURCE FOR STATISTICAL
EVALUATION OF THE RESULTS OF YEARS OF RESEARCH IN
AGRONOMY.**

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Outlined analysis of modern methods of statistical evaluation of the results of long-term research in agronomy from the definition of their differentiated application in practice of research affairs.

Statistics, the arithmetic mean value, the mean square value, analysis of variance, factor method, the coefficient of variation, stability.

Modern methodological support statistical evaluation of the results of short-term and long-term field studies in agronomy has sufficient techniques suitable for specific conditions and characteristics of them.

To determine the average multi-criteria smallest history-tual differences between versions priority research proved method of analysis of variance with the transformation of years an additional factor in the scheme of the experiment. In the face of considerable diversity of weather conditions and the experimental data and methodology inherent suitability for methods of calculating the average quadratic index multi-groove materiality criteria for znyts V.I. Koronevsky. According unaligned soil fertility and colorful weather conditions possible application methods BO Dospyehova regulating the use of annual data as reps.

Determination of the stability criterion indicators studied traits in perennial trials should be conducted by the method of variation analysis. In short-term experiments stability criterion can calc-huvaty the methods of analysis of variance Eberharba and Russell, as well as algorithms D. Lewis and M. Miroshnichenko