

ASPECTS REGARDING THE ASSURANCE OF SEED QUALITY INDICATORS IN AGRICULTURAL RESEARCH UNITS

Simona ACATRINEI (DUMITRIU)¹, Stejărel BREZULEANU²

e-mail: simonadumitriu73@gmail.com, stejarel@uaiasi.ro

Abstract

The quality of products and services has become a determining factor of organizations' competitiveness. Making progress in improving the quality of products and services must be a priority concern for the entire economy. Currently, "quality management" is emerging more and more as a profitable solution for the development of organizations of any kind. The production of seeds with excellent quality characteristics depends on the scientific basis of activities in the field of seeds, including, on the one hand, the theoretical basis of genetics, seeds breeding, and on the other hand, the activities of obtaining through in-depth understanding and the application of modern methods of conservative selection. This knowledge is necessary for the permanent maintenance of the genetic structure and biological value at the initial level of the genotypes of agricultural plants. In this sense, it is necessary to apply specific techniques for the production, processing and preservation of seeds. In order to achieve these objectives, the accumulated knowledge must be optimally applied to the entire process of seed production, starting with the selection of typical plants from varieties and research in the field of conservative selection, obtaining it from the breeder's seed until ensuring the necessary certified seed. Seed quality testing is carried out by seed testing laboratories that have been authorized for this purpose by the competent authority. Official certification is achieved by issuing field inspection documents and laboratory analyzes (tests) and by applying official labels to packages containing seeds that meet the quality conditions provided for in the rules, by species or groups of species, or, as the case may be, of official vignettes and possibly seals.

Key words: quality, quality management, seed production, quality indicators