The complex analysis of the “soil-plant” system stability to multicomponent herbicides

E.V. Kozlova, O.V. Zlotnikova, E.V. Batanina
FSBEI HE «Krasnoyarsk State Agrarian University»
Figure 1. Distribution of the test options of the soil layer 0-15 cm by ferments activity and by biological efficiency indicators in the space of the first and second discriminant functions.
**Figure 2.** Indexes of enzymatic activity of the soil (IEA) and biological efficiency of cultural plants (BEI)
Figure 3. Correlation relations structure between enzymatic activity indicators of the soil 0-15 cm depending on the test option

Note: K-catalase, Y-urease, P-protease, PO – polyphenol oxidase, Ac – ascorbate oxidase.
Figure 4. Structure of correlation relations between indicators of biological efficiency of parental plants of wheat of a variety Altayskaya 70 depending on test option

Note: 1. Plants density, pcs/m2; 2. Plants height, cm.; 3. green weight of top, g.; 4. Weight of 1 plant, g.; 5. generative shoots density pcs/m2; 6. number of cones in an ear, pcs.; 7. Number of grains in 1 ear, pcs.; 8. Number of grains per 1 cone, g.; 9. Weight of 1000 grains, g.; 10. Seeds efficiency g/m2.