

# EFFECTS OF MICROBIAL TREATMENTS OF SPRING SOFT WHEAT CULTURE *AZOSPIRILLUM BRASILENSE*

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The data on the influence of pre-sowing microbial treatments of seed material of spring soft wheat culture *Azospirillum brasilense* Sp245 on the productivity and quality of grain. Data on instability of inoculation results and their dependence on climatic conditions were obtained. High results were obtained when growing wheat under stressful conditions. The study of the effect of pre-sowing microbial treatment of wheat on the content of lectin in the grain of the new crop showed that the trait is stable. The hypothesis that the treatment of azospirilla varieties with a high content of AWG in the grain will have the greatest positive effect on inoculation was not confirmed.

**Key words:** spring bread wheat, wheat lectin, rhizobacteria.

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