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*Fungicidal and Nutrient Application Impact on Wheat Germination*

This project was completed to help farmers with the application of fungicide and zinc nutrient on wheat seeds. The problem being assessed with completing this project was to see if fungicide treatments actually do delay the germination of wheat seeds and if the zinc nutrient application helped cancel out the delay. For this project the seeds were treated then germinated for 5 days in the dark. After they germinated, the petri dishes were placed in the freezer so the seeds would stop growing, and root and shoot growth was then measured. Once the seeds were measured, the results were determined. The results showed that the fungicide did delay the germination of the wheat, but the fungicide plus the zinc germinated faster because the zinc counteracted the fungicide delay. In the long run these results will help farmers get their wheat to sprout up out of the ground faster than they have before.