

Comparison of Potato Varieties under Different Water Conditions

Authors : Ali Assalmi

Abstract : This study aimed to compare the yield of two varieties of potato seeds under different water conditions. In the first part of the study, we conducted a literature review to gather academic research published on the two varieties. Based on the literature review, we optimized the water conditions for one variety and tested the other variety under high salinity water conditions. Our findings indicate that the optimized water conditions resulted in a very good yield for one variety of potato seeds. However, under high salinity water conditions, the other variety produced a higher yield in water that was not used due to the high salinity. Overall, our results suggest that the yield of potato seeds can vary significantly based on the water conditions and variety.

Keywords : potatoes, seed varieties, water optimization, high salinity, yield comparison

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