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
of

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Effect of Irrigation Water on Corn Grain Yield in Ankara Conditions

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Abstract: This research was conducted in Ankara conditions in order to determine corn yield response to water. When 50% of available water content in root zone is consumed in the control treatment, irrigation water was applied to the other treatments with 0%, 25%, 50%, 75%, 125%, 150%, 175% and 200% of those applied into check plots. As a result, applications of excessive water was not increased grain yields at the important level. Yield response factor (k_y) for total growing period were found as 0.96 respectively.

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