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
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**Effect of Phosphorus Fertilizers and Application Methods on the Yield of Wheat
Grown Under Dryland Conditions**

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Abstract: This study was conducted to investigate the efficiency of diammonium phosphate (DAP) and triple superphosphate (TSP) as phosphorus (P) sources and the effect of fertilizer application methods on the grain yield, yield components and other characteristics of winter wheat. The research was conducted in the ecological conditions of Tokat-Kazova during the 1990-1991 and 1991-1992 growing seasons. Bezostaja-I and Kirkpınar-79 cultivars were used as the plant materials. DAP and TSP fertilizers were applied according to four different methods, i. e., broadcasting, with seed, application 5 cm to the right and left of the seed and 5 cm below the seed. The effects of DAP and TSP on the characteristics examined were not significant. Effects of the application methods on emergence period, the number of plants/m² and grain yield were found to be significant in the first year, whereas all characteristics were affected significantly in the second year. The maximum grain yield was obtained from application 5 cm below the seed in both years.

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