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
Relationships Between Yield and Yield Components on Currently Improved
Spring Rapeseed Cultivars

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Abstract: This research was conducted in Erzurum in 1991 and 1992 seasons using 14 spring oilseed rape (*Brassica napus* ssp. *oleifera* L.) cultivars in order to investigate the relationships between yield and yield components by correlation and path analyses. Positive values were obtained in both seasons between seed yield and the characters: days to flowering, plant height, number of branch, number of pods per plant, number of seeds per pod, pod diameter, pod length, 1000-seed weight, and oil content. However, seed yield was significantly and positive correlated with only number of pod per plant and 1000-seed weight in both seasons. Relationship between oil content and protein content was negative. Path analysis identified 1000-seed weight as having the greatest effect on seed yield, with number of pods per plant having a large secondary effect.

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