

Turkish Journal of Agriculture and Forestry

Turkish Journal

of

Agriculture and Forestry

 [Keywords](#)
 [Authors](#)



agric@tubitak.gov.tr

[Scientific Journals Home Page](#)

**The Effect of Various Planting Patterns on Forage Yield and Some Characters
of Corn and Bean Grown Under Intercropping as a Second Crop**

Zekeriya AKMAN

Süleyman Demirel Üniversitesi, Ziraat Fakültesi, Tarla Bitkileri Bölümü, 32670 Atabey,
Isparta - TÜRKİYE

Özer SENCAR

Gazi Osman Paşa Üniversitesi, Ziraat Fakültesi, Tarla Bitkileri Bölümü, 66100 Tokat -
TÜRKİYE

Abstract: This study was conducted to determine effects of various planting patterns on forage yield and some characters of corn and bean grown under intercropping as a second crop at Tokat - Kazova ecological conditions in 1992 and 1993. Planting patterns significantly influenced maize leaf ratio, stem ratio, and forage yield. The highest forage corn yield was obtained from pure stand maize and 1 corn + 2 bean alternate rows. Intercropping has significantly influenced leaf ratio, green pod yield and forage yield of bean. The highest forage bean yield was obtained from pure stand bean however, the lowest yield was obtained from 2 corn + 1 bean alternate rows.

Turk. J. Agric. For., **23**, (1999), 1113-1118.

Full text: [pdf](#)

Other articles published in the same issue: [Turk. J. Agric. For.,vol.23,iss.EK5](#).