

# **New Cultural Practices for Improved Rapeseed Cultivars in Pakistan. (A06-freed101019-Poster)**

## **Authors:**

- M.A.Khan\* - *Pakistan Agricultural Research Council, Islamabad*
- G.R.Hazara - *PARC, Islamabad, Pakistan*
- S.Shafique - *PARC, Islamabad, Pakistan*
- R.D.Freed - *Michigan State University*

## **Abstract:**

This study was conducted in Islamabad, Pakistan to determine the effect of sowing date and row spacing on yield of improved rapeseed cultivars. The experiment was conducted in a randomized complete block design with 3 replications, 4 cultivars ('CON-I', 'CON-II', 'CON-III' and 'Westar'), 3 row spacings (30, 45, and 60 cm), and six dates of sowing (13 Oct, 23 Oct, 02 Nov, 12 Nov, 22 Nov, and 02 Dec. 1994). The analysis of variance indicated that planting date, rowing spacing, cultivars, and their interactions were highly significant. This study indicated that the maximum yield could be obtained if these rapeseed cultivars are planted in the first week of October with 30-45 cm row spacing. The row spacing depends on the growth habit of the plant, but usually delaying planting will reduce yield. CON-I gave the maximum yield of 2777 kg/ha with 30 cm row spacing and the first date of planting (13 Oct 1994). CON-II yielded 2618 kg/ha with 45 cm row spacing at the first planting date. CON-III produced 2777 kg/ha with 30 cm row spacing at the first planting date, while Westar yielded 2624 kg/ha with 45 cm row spacing and the first planting date.

## **Corresponding Author Information:**

Russell Freed

Michigan State University

384 PSS Bldg, Crop and Soil Science Dept  
East Lansing, MI 48824

phone: 5173552383

fax: 5173533955

e-mail: freed@msu.edu

## **Presentation Information:**

Presentation Date: Monday, November 11, 2002

Presentation Time: 2:00-4:00 pm

Poster Board Number: 335

**Keywords:**

rapeseed cultivars, Pakistan, row spacing, date of planting