



Nitrogen and Spacing Requirements of Promising Hybrids of Indian Mustard (*Brassica juncea* L. Czern & Coss)

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Abstract: A field experiment was conducted to evaluate nitrogen and spacing requirements of promising hybrids of Indian mustard (*Brassica juncea* L. Czern & Coss). Two hybrids (PMH 128 and PMH 145) and variety RLC1 (check) were laid in main plots and in sub-plot combination of nitrogen and row spacing were tested in a split plot design. Among the three nitrogen doses (100 kg ha⁻¹, 125 kg ha⁻¹ and 150 kg ha⁻¹), 150 kg ha⁻¹ produced highest seed yield (17.09 q ha⁻¹) and among row spacing, 30 cm produced significantly higher yield of 17.01 q as compared to 40 cm row spacing. There was increase in plant height, dry matter, PAR interception and chlorophyll content while harvest index showed non-significant results, with various nitrogen doses.

Key Words: Chlorophyll, Indian mustard, Nitrogen, PAR, Row spacing
