

566. Tyagi, P.C. and Singh, P.N. 1990. Crop weed competition in maize for higher production and soil conservation. *Indian J. Soil Conserv.*, 18(3):50-55.

The experiment was conducted at Dehradun to find out suitable maize varieties which could compete with natural weeds. Maize Hybrid Ganga-2 gave higher yield than other maize varieties. Atrazine application @ 1 kg a.i./ha resulted in more grain yield than manual weeding. No significant difference in the number and amount of weeds/m² for different varieties was observed but weeding levels showed significant results in this respect.