



Screening of chickpea cultivars suited to mechanical harvesting

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Abstract:

Thirty chickpea genotypes were evaluated at Regional Agricultural Research Station, Nandyal, Andhra Pradesh, India during rabi, 2018-2019 with three replications both under rainfed and irrigated conditions utilising yield and mechanical harvestable traits. The analysis of variance revealed highly significant differences among the genotypes for all the traits under study under rainfed as well as irrigated conditions. This study was conducted to determine high yielding mechanical harvestable genotypes in rainfed and irrigated conditions. NBeG 776, NBeG 779 and NBeG 868 are suitable under both rainfed and irrigated conditions with significantly higher yields over their respective means. ICCV 181606, MH 13 and MH 14 are suitable exclusively for rainfed condition with significantly superior yields over the mean. ICCV 181607 that produced high yield along with machine harvestable traits should be deployed in breeding programmes planned to improve yield as well as machine harvestability.



Biography:

Priyanka Joshi is a visiting scientist in Washington University, USA.

Recent Publications:

1. Screening of chickpea cultivars suited to mechanical harvesting