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Evaluation of different kharif onion genotypes in Chhattisgarh plains

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Evaluation of 23 genotypes of onion during kharif season revealed that the BKHO-1002 was found best for total bulb yield (39.34 t/ha), Average bulb weight (195.63 g), polar and equatorial diameter of bulb (7.78 cm and 8.18 cm). Whereas, BKHO- 1007 recorded highest total soluble solids (13.62 %), maximum plant emergence per cent (66.33 %). Maximum plant height (72.43 cm) and neck thickness (1.98 cm) recorded in BKHO- 1004, number of leaves per plant found maximum (10.53) in BKHO-1005. Analysis of variance revealed that the mean sum of square for all the characters are significant. BKHO- 1002 and BKHO-1003 with larger polar and equatorial diameter of bulb, bulb weight, marketable and total bulb yield and BKHO-1007 indicated that maximum TSS are advocated for commercial cultivation in kharif season.

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