

CHARACTERIZATION AND PRELIMINARY EVALUATION OF DIFFERENT GENOTYPES OF LEAFY VEGETABLE CHENCH (*CORCHOROUS ACUTANGULUS* LAM.)

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Abstract: The study was carried out to characterization and evaluation of Forty-six indigenous genotypes of Chench (*Corchorus acutangulus* Lam.) where collected from different place of Raigarh, Kanker, Bastar, Narayanpur and kondagaon district of Chhattisgarh during 2015 at Indira Gandhi Krishi Vishwavidyalaya Raipur, which was planted with three replication in RCBD design for qualitative and quantitative characters. Among forty-six genotypes IGCB-2013-23 found higher yield (55.42q/ha) followed by IGCB-2015-9 (53.58q/ha). IGCB-2013-23 recorded highest leaf weight (5.13g) while maximum stem weight was observed in IGCB-2015-8 (6.60 g) were maximum leaf width and leaf length was recorded in IGCB-2013-23 (5.47cm) IGCB-2013-23 (8.39cm) respectively. Among the qualitative characters, all the genotypes were erect, had a tap root. Other morphological characters exhibited large variability.

Keyword: Chench, Genotypes, Characterization, Preliminary evaluation, Qualitative, Quantitative characters

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