*International Journal of Minor Fruits, Medicinal and Aromatic Plants. Vol. 4 (2) : 01-06 December (2018)*

**Study of correlation and index ranging of markingnut (*Semecarpus anacardium* l.) genotypes in Marathwada Region.**

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*Received : 22.02.18 ; Revised : 20.03.18 ; Accepted : 24.04.18*

**ABSTRACT**

*The present investigation entitled “Study of Correlation and Index Ranging of Markingnut (Semecarpus anacardium L.) Genotypes in Marathwada Region “ was carried out on sixty strains of Markingnut from Nanded, Parbhani and Beed district of Marathwada regions in Maharashtra. The correlation studies among 17 characters exhibited highest significant positive association of hypocarp weight, fruit weight, kernel weight, volume of tree, fruit volume, hypocarp length, hypocarp volume and size of fruit with yield of tree. Wide range of variability was noticed with respect to growth, fruiting parameters and chemical characteristics. The genotypes ND-7, ND-8, ND-16, PBN-5, PBN-1, PBN-6, BD-13, BD-16, and BD-18 could be rated as most promising genotypes on the basis of the yield of different genotypes.*