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Dynamics of fresh and dry biomass production in drumstick (*Moringa oleifera* Lam.) genotypes

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A study was carried out at College of Horticulture, Bagalkot, Karnataka to know the dynamics of fresh and dry biomass production in drumstick genotypes during the year 2012-13. The experiment consisted of four genotypes *viz.*, MS/SP-11, MS/LP-11, KDM-01 and S-6/4 laid out in Randomized Block Design with six replications. Result revealed that the, biomass production potentiality of the drumstick genotypes highest fresh and dry leaf biomass (2033.08 g/plant and 549.78 g/plant, respectively) was recorded in MS/SP-11. Also the same genotype MS/SP-11 was produced highest fresh and dry wood biomass (5943.33 g/plant and 1264.54g /plant, respectively). Whereas, genotype MS/LP-11 produced highest fresh pod (4652.44 g/plant) and dry pod (370.08 g/plant) biomass. Also the same genotype MS/LP-11 produced highest fresh and dry total biomass production (9759.16 g/plant and 5704.19 g/plant, respectively). Whereas, genotype MS/LP-11 produced highest fresh and dry root biomass production (4700.83 g/plant and 1143.53 g/plant, respectively).

Key words : Drumstick, Biomass, Leaf, Pod, Root, Wood

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