

Physiological Assessment of Sweet Sorghum [*Sorghum bicolor* (L.) Moench] Cultivars in Coastal Andhra

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ABSTRACT

A field experiment was carried out at the Agricultural College Farm, Bapatla during *Maghi* season of 2004-05. Physiological growth parameters such as LAI, CGR, RGR, NAR and dry matter production were higher with the cultivars SSV84, SSV74, NTJ₂ and S-35. The cultivars like ICSR 37, Seredo and SSV74 recorded less number of days to 50% growing and maturity than that taken by the other cultivars.

Key words : Crop Growth Rate (CGR), Dry matter production, Leaf Area Index (LAI), Net Assimilation Rate (NAR), Days to 50% Flowering, Relative Growth Rate (RGR)