

Economic Viability and Financial Feasibility of Installing Drip Irrigation System Without Subsidy in Coconut Cultivation In Srikakulam District of Andhra Pradesh.

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ABSTRACT

Economic viability and financial viability of drip irrigation system without subsidy was assessed by personal surveys from 45 drip adopted and 45 drip non adopted Coconut farmers from nine villages of three mandals in Srikakulam district, during 2013-14. The discounted cash flow techniques like NPW, BCR, IRR and N/K ratio were used to assess the economic viability of drip irrigation system without subsidy. But Drip irrigation system in Coconut cultivation without subsidy is also economically viable as revealed by BCR ratio which is greater than one and IRR greater than the market rates of interest extended to Coconut plantations by banks and also with N/K ratio is greater than one. The economic analysis of drip irrigation with subsidy and without subsidy indicates that drip irrigation is economically viable even without subsidy in Coconut cultivation.

Key words: *Coconut, Drip irrigation, Economic viability, Financial viability and Subsidy*