ECONOMIC ANALYSIS OF CAPSICUM UNDER PROTECTED CULTIVATION IN KRISHNAGIRI DISTRICT OF TAMILNADU

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ABSTRACT

Protected cultivation is booming in the world to produce high quality and valuable horticultural crops. In India the protected cultivation is done on the area of 2.15 lakhs ha from 2005-06 to 2017-18. Capsicum is one of the most popular vegetable crops in India. In India, production of capsicum found to be around 326 thousand tons from the area of 46 thousand hectare with the productivity of 7,108.70 kg per hectare during the year of 2017. In Tamil Nadu the total production of capsicum is around 16,689 tonnes from 284 hectare contributing 5.13 per cent of the total Indian production of capsicum during the year of 2017-2018. In Tamil Nadu Krishnagiri district stands first in the production with 16,310 tonnes (97.73 per cent) from the area of 268.64 hectare during the year of 2017-2018. So, the present study was used to study the economic analysis of capsicum under protected condition in Krishnagiri district of Tamil Nadu. Total investment of Rs.32,32,500 was used for constructing one acre of polyhouse. 50 per cent subsidy is availed for the farmers through National Horticultural Mission under Mission on Integrated Development of Horticulture Mission. In percentage analysis the polyhouse structure and erection were the major cost incurred with 71.15 per cent followed by polythene sheet and Insect proof net with 14.31 per cent. The total working capital for an acre of capsicum crop was found to be Rs.9,13,432. Among the working capital, hired human Labour contributed 15.73 per cent of the total cost A1 which accounts for 59.88 per cent of the total cost of cultivation. The net present value at 12 per cent discount rate for three years was Rs.6,50,719 per acre of polyhouse area. The benefit cost ratio was 1.12 and internal rate of return is 36.20 per cent which shows the production of capsicum under protected condition is feasible.

KEYWORDS: Protected cultivation, Capsicum, Production, Investment, Cost of Cultivation

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