ECONOMIC ANALYSIS OF COST –NET RETURN AND COST BENEFIT RATION OF ONION IN RAJASTHAN

Vishnu Shankar Meena¹, Shirish Sharma², Rahul Kumar³*, Sweta Singh⁴, N.C. Pant⁵, R.K. Meena⁶, D.K. Meena⁷ and N.K. Barod⁸

^{1,3,4,5,6,7,8}COA, Bharatpur, SKN Agriculture University, Jobner, Rajasthan ²SK Rajasthan Agricultural University, Bikaner,Rajasthan Email: vishnurau@gmail.com

Received-05.07.2021, Revised-16.07.2021, Accepted-25.07.2021

Abstract: Onion is a multi-faced crop; it brings cheers to traders, fear to farmers and tears to consumers. Growing onion demands a set of learnt practices to establish crop. Amongst the states, comparatively farmers of southern states are well equipped with the knowledge base of production practices than the northern plain zone. Problems/ constraints are the challenges that pose threat to production, mostly uncertain. Costs are key driver to ascertain in net farm income. It looks quite small on an individual basis but at aggregate level they add up to total cost. In spite of the fact that onion farming incurs huge cost, the net income from onion cultivation is fairly well in all the states except during the time when there is a glut in market. Onion is an important vegetable crop. There is no kitchen in the world without onion. Taking this into account the study aims to assess and quantify the yield gaps, which is vital in determining the reason less returns, apart from price fluctuation. Much of the yield gap was evidenced in the states with highest production. This uneven production due to wider yield gap directly impacted on the wholesale and retail prices of onion. Thus, the study has been taken within the demarcated objectives and the elucidation of data from the respondents in Rajasthan. The policy measures thus, concluded are recommended based on the facts evidenced from the study.

Keywords: Onion, Cost, Yield, Economics, BC ratio

REFERENCES

Adegeye, A.J. and Dittoh, J.S. (1982). Essentials of rural Agricultural Economics: Center for Agricultural and Rural Development, University of Ibadan Press, pp. 110-

Akinwumi, J.A. (1999)."Agricultural Economics and marketing". In Youdeowei, A., F.O.C. Ezedinma and O.C. Onozi (Eds).Introduction to tropical Agriculture. Longman Group, England pp. 274-281.

Barakade, A.J., Lokhande, T.N. and Todkarig, U. (2011). "Economics of onion Cultivation and its marketing pattern in Satara district of Maharashtra" International Journal of Agriculture Sciences 3 (3): 110-117

Cassman, K.G. (1999). Ecological intensification of cereal production systems: Yieldpotential, soil quality, and precision agriculture. Proc. Natl. Acad. Sci. U.S.A.96, 5952–5959. Economics 63(3): 321-328.

Chengappa, P.G., Manjunatha, A.V., Dimble, Vikas and Shah, Khalil (2012). Competitive Assessment of Onion Markets in India, Agricultural Development and Rural Transformation Centre Institute for Social and Economic Change, Bangalore, India.

Gadre, A. V., Talathi, J. M. and Wadkar, S. S. (2002). Price spread in marketing of white onion in Raigad district of Maharashtra state. Agril. Mktg., (October- December: 22-26).

Hiremath, S.M. andNagaraju, M.V. (2007).Impact of front line demonstration on onionproductivity in farmer's field. Paper presented In: National Seminar on Appropriate Extension Strategies for Management

of Rural Resources, University of Agricultural Sciences, Dharwad (Karnataka) India.

Katare, Subhash, Pandey, S.K. and Mustafa, Mohd.(2011). Yield gap analysis of rapeseed—mustard through front line demonstrations. Agric. Update, 6 (2): 5-7.

Laborte, A.G., De Bie, C.A.J.M., Smaling, E.M.A., Moya, P.F., Boling, A.A. and Van Ittersum, M.K.(2012). Rice yields and yield gaps in Southeast Asia: past trends and future outlook. Eur. J. Agron. 36, 9–20. Horticulture Statistics (2016) Division, DAC&FW.

Meena, V.S., Meena, D.K. and Singh, U.B. (2020). Economic analysis of post and net return and cost benefit ratio of major kharif crop during covid 19 in zone III B Rajasthan. Research Journal of Agricultural Science, 12 (1):210-212.

Parthasarathy, P. B., Rammohan, V. and Hemachandra, P. K.(1988).Price behaviour of vegetables in Hyderabad markets.Ind. Jour. Agril. Mktg., 2(1:124-155)

Peter, S.F.(1996). "Onion production in the tropics" American Journal of Agricultural

Sharma, Shirish and Singh, Nawen P. (2019).Performance of Onion in Rajasthan-An Economic Analysis. *Agricultural Situation in India*, LXXVI (3), 23-36.

Shirish, Sharmaand Singh, I.P. (2013). "Price Behavior of Soybean in Kota region of Rajasthan" *Indian Journal of Agricultural Marketing*, Vol. 27, No.1, pp. 7-22.

Shirish, Sharma, Singh, LP., Rao, P. Parthas arthy, Basavaraj, G. and Nagaraj, N. (2013). "Economic

*Corresponding Author

Analysis of Pearl Millet Marketing in Rajasthan" International Journal of Commerce and Business Management, Vol. 6, No.1, pp 66-75

Sidhu, J. S. and Chahal, S. S.(1988). Price behavior of vegetables in Punjab.Ind. Jour. Agril. Mktg., 2 (1: 121)

Singh, J., Kumar, S. and Grover, D. K.(1993). Behavioural analysis of market arrivals and prices of potato in Punjab.Agril. Mktg., 3 (34-42)

Statistical Methods. Ed. S. P. Gupta, Sultan. Chand & Sons Publishing Co. (PI Ltd., New Delhi. 1997.) **Tiwari, R.B., Singh, V. and Parihar, P.** (2003).Role of front line demonstration in transfer of gram production technology. Maharashtra J. Extn.Edu.,22(1):19.