



Research Article

Resource use efficiency in mushroom cultivation in Jorhat district of Assam

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SUMMARY : The study was conducted in Jorhat district of Assam to examine the resource productivity and resource use efficiency in mushroom production. The regression co-efficient of other expenditure was positive and significant in all farms indicating that the factor had contributed significantly to gross return. Of course negative regression co-efficient of labour (significant 10 % probability level) indicated the excess use of labour in all the groups of mushroom producer with the exception of group IV. Resource use of efficiency of sample mushroom growers was analysed by comparing the marginal value product (M.V.P) of an input with its respective factor cost. The overall M.V.P. of spawn was observed to be 13.30 implying that addition of one unit of spawn would have increased gross income by Rs. 13.30. On the other hand, the overall M.V.P. of other expenditure was observed to be 1.68 which ranged from -0.558 in group III to 3.481 in group II amongst the different size group of growers. Similarly, the overall MVP of labour was estimated to be 0.974 which varied amongst the different size groups of farmers from -3.023 in groups I to 6.249 in group IV.

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