

Production analysis of mango cultivation under subtropical zone of Jammu

Mudasir Iqbal and Jyoti Kachroo

Received November 12, 2011 and Accepted January 22, 2012

ABSTRACT : The present investigation was conducted in Jammu district of Jammu and Kashmir state during the year 2008. Two blocks were selected from Jammu district having the highest area under the mango fruit. Cobb-Douglas function was used to study the relationship between output and various inputs. The study on per acre operational costs of mango indicated that on an average the cost A, cost B and cost C were Rs. 609.58, Rs. 1782.48 and Rs. 5164.32, respectively. The overall per acre returns per year from mango orchards were Rs. 7794.97. Human labour was significant and underutilized in mango in all groups except in 20-24th year group where it was non significant and over utilized. Manures + fertilizers, plant protection and pruning and training were over utilized in 10-14th year group while as in other groups these inputs were under utilized. The instability was found higher in case of area as compared to yield and net returns.

Key Words: Resource use efficiency, instability, mango.