



Research Paper

## Economic evaluation of PKV *Dal* mill

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**ABSTRACT :** The present study was conducted in Akola and Amravati districts based on primary data collected from 10 PKV *Dal* mill owners from each district. The economic analysis was done by different cost concepts *i.e.* fixed cost, variable cost, total cost etc., which revealed that the average capital investment in PKV *Dal* mill per unit was Rs. 1, 31,000. The average fixed cost of PKV *Dal* mill was Rs. 1, 33,849 and average total cost per unit per year was Rs. 1, 55,949. The total average quantity of raw material processed by PKV *Dal* mill was 820 quintals and finished product obtained was 610.75 quintals. Tur and gram *Dal* were the major commodities processed at PKV *Dal* mill. The fixed cost per quintal was highest in udid *i.e.* Rs. 178.22 followed by mung, gram, and tur, *i.e.* Rs. 155.53, Rs. 100, and Rs. 66.37, respectively. The variable cost per quintal for udid was estimated to be Rs. 131.57, for tur Rs. 168, for mung Rs. 167.64, and for gram Rs. 170.96. Total cost incurred per quintal by PKV *Dal* mill owner was Rs. 4134.37 for tur, Rs. 4823.17 for mung, Rs. 4409.79 for udid and Rs. 2370.96 for gram. For all commodities, the gross return per quintal of processed raw material was highest in tur and mung which was Rs. 5801 and Rs. 5338, respectively. The recovery of main product (*Dal*) per quintal obtained was highest in tur and gram which was 74 kg and 79 kg, respectively. The net returns per quintal after processing were found to be higher in tur followed by mung which was Rs. 1666.63 and Rs. 541.83, respectively. The cost benefit ratio for tur was 1:1.40, for mung 1:1.10, for udid 1:1.04 and for gram 1:1.12. The PKV *Dal* mill owners faced major problems like inadequate supply of raw material for processing, inadequate supply of electricity to run the unit and breakage of sieves while processing, etc.

**KEY WORDS :** Economics, Processing, Fixed cost, Variable cost, Cost benefit ratio

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