STUDI KELAYAKAN FINANSIAL DAN MUTU PRODUKSI *GREEN BEAN* KOPI ARABIKA DI KOPERASI XYZ KABUPATEN KERINCI, JAMBI

NURAINI AZIZAH
2421112001

DEPARTEMEN TEKNOLOGI INDUSTRI PERTANIAN
FAKULTAS TEKNOLOGI PERTANIAN
UNIVERSITAS ANDALAS
PADANG
2026

STUDI KELAYAKAN FINANSIAL DAN MUTU PRODUKSI *GREEN BEAN* KOPI ARABIKA DI KOPERASI XYZ KABUPATEN KERINCI, JAMBI

Nuraini Azizah, Santosa, Neswati

ABSTRAK

Penelitian ini bertujuan untuk menganalisis proses produksi *green bean* kopi Arabika serta mengevaluasi rendemen, mutu, biaya pokok, dan kelayakan finansial usaha. Metode penelitian yang digunakan adalah deskriptif kuantitatif dengan pendekatan studi kasus pada unit pengolahan kopi Arabika di Koperasi Koerintji Barokah Bersama, Kabupaten Kerinci. Hasil penelitian menunjukkan bahwa rendemen total *green bean* yang dihasilkan sebesar 14,43 %, dengan rata-rata input ceri kopi sebesar 308,33 kg menghasilkan output sebesar 44,50 kg. Biaya Pokok pengolahan sebesar Rp33.331,40/kg *green bean* dan biaya bahan baku sebesar Rp152.460,00 dan dengan harga jual Rp220.000,00/kg, usaha ini menghasilkan keuntungan sebesar Rp34.208,60/kg. Hasil analisis kelayakan finansial menunjukkan bahwa usaha ini layak untuk dijalankan, dengan nilai *Net Present Value* (NPV) sebesar Rp644.519.000, *Benefit Cost Ratio* (B/C Ratio) sebesar 1,19 dan *Internal Rate of Return* (IRR) sebesar 48,59 % pada tingkat suku bunga 12 %. *Green bean* yang dihasilkan telah memenuhi standar SNI, dengan tidak ditemukannya serangga hidup maupun cacat bau. Nilai rata-rata kadar air sebesar 10,57 %, kadar kotoran sebesar 0,15 %, biji lolos ayakan didominasi tertahan ayakan berukuran 6 mm sebanyak 283,33 g dari 300 g *green bean* dikategorikan dalam klasifikasi ukuran sedang dan nilai cacat biji sebesar 9,18 atau 0,52 % dari 300 g (1752 biji *green bean),* yang menunjukkan kualitas biji kopi tergolong mutu I.

Kata kunci: Biaya Pokok, Kelayakan Finansial, Mutu, Rendemen

FINANCIAL FEASIBILITY AND PRODUCTION QUALITY STUDY OF ARABICA COFFEE GREEN BEANS AT COOPERATIVE XYZ, KERINCI REGENCY, JAMBI

Nuraini Azizah, Santosa, Neswati

ABSTRACT

This study aims to analyze the production process of green Arabica coffee beans and to determine the yield, quality, cost of production, and financial feasibility of the business. The research method used is descriptive quantitative with a case study approach at the Arabica coffee processing unit at the Koerintji Barokah Bersama Cooperative, Kerinci Regency. The results showed that the total yield of green beans produced was 14.43%, with an average input of 308.33 kg of coffee cherries resulting in an output of 44.50 kg. The processing cost amounted to Rp33,331.40/kg of green beans, while the raw material cost was Rp152,460.00 and with a selling price of Rp220,000.00/kg, the business generated a profit of Rp34,208.60/kg. The results of the financial feasibility analysis show that this business is feasible to run, with a Net Present Value (NPV) of IDR 644,519,000, a Benefit Cost Ratio (B/C Ratio) of 1.19 and an Internal Rate of Return (IRR) of 48.59% at an interest rate of 12%. The resulting green beans have met SNI standards, with no live insects or odor defects found. The average value of water content is 10.57%, the impurity content is 0.15%, the beans that pass the sieve are predominantly retained by the 6 mm sieve as much as 283.33 g of 300 g of green beans are categorized as medium size and the value of bean defects is 9.18 or 0.52% of 300 g (1752 green beans), which indicates the coffee beans were classified as Grade I.

Keywords: Cost of Goods, Financial Feasibility, Quality, Yield