

RINGKASAN

PUTRI ATHIKA BANUN, NIM / NPM : 1509000815 / 7115070078, Analisis Komparatif Biaya Panen Menggunakan Mesin *Combine Harvester* dan *Power Thresher* Terhadap Usahatani Padi Sawah (Desa Bandar Dolok Kecamatan Pagar Merbau Kabupaten Deli Serdang) dibawah bimbingan bapak Dian Hendrawan, S.P, M.M sebagai ketua komisi pembimbing dan bapak Mhd. Ilham Riyadh, S.P, M.Si sebagai anggota komisi pembimbing. Tujuan penelitian ini adalah untuk mengetahui perbedaan pendapatan usahatani padi sawah dengan teknologi panen *Combine Harvester* dan *Power Thresher* di Desa Bandar Dolok dan untuk mengetahui perbedaan tingkat efisiensi untuk masing-masing penggunaan teknologi panen *Combine Harvester* dan *Power Thresher* di Desa Bandar Dolok.

Metode penentuan lokasi dilakukan dengan metode purposive atau sengaja artinya penentuan daerah penelitian didasarkan atas pertimbangan-pertimbangan tertentu yang sudah disesuaikan dengan tujuan penelitian. Metode penentuan sampel dilakukan secara *Simple Random Sampling*.

Metode analisis data yang digunakan untuk menganalisis efisiensi penggunaan sarana produksi dengan melakukan pengujian efisiensi ekonomis, sedangkan untuk mengetahui pendapatan dianalisis menggunakan uji t dan analisis pendapatan.

Hasil Penelitian menunjukkan bahwa t-hitung pendapatan 2,16 dan t-tabel 2,36 jadi karena t-hitung pendapatan < t-tabel, maka H_0 di terima dan H_1 di tolak. Biaya produksi mesin *Combine Harvester* Desa Bandar Dolok Kecamatan Pagar Merbau Kabupaten Deli Serdang rata-rata nilai efisiensinya 19,00%, artinya semakin tinggi penggunaan mesin *Combine Harvester* maka semakin tinggi efisiensi produksinya. Biaya produksi mesin *Power Thresher* Desa Bandar Dolok Kecamatan Pagar Merbau Kabupaten Deli Serdang rata-rata efisiensinya 18,64%, artinya semakin tinggi penggunaan mesin *Power Thresher* maka semakin tinggi tingkat efisiensi produksinya.

Kata Kunci : *Combine Harvester, Power Thresher, Efisiensi dan Pendapatan.*

Summary

PUTRI ATHIKA BANUN, NIM / NPM : 1509000815 / 7115070078, Comparative Analysis of Harvest Costs Using a Combine Harvester and Power Thresher Machine for Lowland Rice Farming (Bandar Dolok Village, Merbau Fence Sub-District, Serdang Deli District), under the guidance of Mr. Dian Hendrawan, S.P, M.M as chair of the supervising commission and Mr. Mhd Ilham Riyadh, S.P, M.Si as a member of the supervisory commission.

The purpose of this study was to determine the differences in income from lowland rice farming with *Combine Harvester* and *Power Thresher* technology in Bandar Dolok Village and to determine differences in the level of efficiency for each use of *Combine Harvester* and *Power Thresher* harvest technology.

The method of determining the location is done by purposive method or deliberately means that the determination of the research area is based on certain considerations that have been adjusted to the purpose of the study. The sample determination method is done by simple random sampling. Data analysis method used to analyze the efficiency of the use of production facilities by conducting economic efficiency occupants, while to find out the income analyzed using the t test a income analysis.

The result showed that the t-count of income was 2,16 and the t-table was 2,36 so because of the t-count of income < t-table, then H_0 was accepted and H_1 was rejected. The cost of producing a *Harvester Combine* harbor machine Bandar Dolok Sub-District Merbau Fencing Deli Serdang District with an average efficiency value of 19.00% meaning the higher the use of the *Combine Harvester* machine the higher the production efficiency. The cost of producing the *Power Thresher* machines in Bandar Dolok Village, Merbau Fence, Deli Serdang District with an average efficiency of 18.64% meaning that the higher the use of the Power Thresher machine, the higher the level of production efficiency.

Keywords : *Combine Harvester, Power Thresher, Efficiency and Income.*