

ABSTRAK

APSO RIKARDO A SINAGA. Analisis Usahatani Budidaya Bayam (*Amaranthus tricolor*) Hidroponik Sufi Agrifarm. Dibimbing oleh Dr. ALDON MHP SINAGA,S.P,M.MA dan NATALIA LUSIANINGSIH SUMANTO,S.Si,M.Si

Bayam merupakan komoditas hortikultura yang memiliki nilai ekonomi dan mudah diserap oleh pasar. Salah satu yang mempengaruhi tingkat produksi dan perkembangan bayam adalah jenis varietas benih yang digunakan. Secara ekonomi penggunaan jenis varietas benih akan mengalami kinerja ekonomi yang berbeda. Perbedaan kinerja ekonomi ini dapat dinyatakan dengan perbedaan analisis kelayakan jenis varietas Loly dan Maestro. Penelitian ini bertujuan untuk menganalisis perbandingan produksi dan perbandingan kelayakan usahatani budidaya bayam hidroponik di Sufi Agrifarm atas dua jenis varietas loly dan maestro di hidroponik Sufi Agrifarm. Penelitian dilakukan pada bulan Juni 2021 sampai November 2021 di Sufi Agrifarm, Kabupaten Deli Serdang, Sumatera Utara. Penelitian ini menggunakan alat analisis Pendapatan, B/C Rasio, *Break Event Point* (BEP) dan *Payback Periode* (PP). Hasil penelitian menunjukkan bahwa Pendapatan (Loly) 209.902.145 (Maestro) 188.486.728, B/C Rasio (Loly) 2.1 (Maestro) 1.8, BEP produksi (Loly) 1.561 (Maestro) 1.593 BEP Harga (Loly) Rp 21.184 (Maestro) Rp 23.045, PP (Loly) 1.1 satu tahun satu bulan (Maestro) 1.4 satu tahun empat bulan.

Kata kunci: Bayam, hidroponik, perbandingan dan analisis usahatani.

ABSTRAC

APSO RIKARDO A SINAGA. Farming Analysis of Hydroponic Spinach (*Amaranthus tricolor*) Cultivation Sufi Agrifarm. Supervised by Dr. ALDON MHP SINAGA, S.P,M.MA and NATALIA LUSIANINGSIH SUMANTO,S.Si,M.Si

Spinach is a horticultural commodity that has economic value and is easily absorbed by the market. One that affects the level of production and development of spinach is the type of seed variety used. Economically the use of these types of seed varieties will experience different economic performance. This difference in economic performance can be expressed by the difference in the feasibility analysis of Loly and Maestro varieties. This study aims to analyze production comparisons and compare the feasibility of hydroponic spinach farming at Sufi Agrifarm for two types of loly and maestro varieties at Sufi Agrifarm hydroponics. The research was conducted from June 2021 to November 2021 at Sufi Agrifarm, Deli Serdang Regency, North Sumatra. This study uses the analysis tools Income, B/C Ratio, Break Event Point (BEP) and Payback Period (PP). The results showed that Revenue (Loly) 209,902,145 (Maestro) 188,486,728, B/C Ratio (Loly) 2.1 (Maestro) 1.8, BEP production (Loly) 1,561 (Maestro) 1,593 BEP Price (Loly) IDR 21,184 (Maestro) IDR 23,045, PP (Loly) 1.1 one year and one month (Maestro) 1.4 one year and four months.

Keywords: Spinach, hydroponics, farming comparison and analysis.