

MUHAMMAD OSVALDO RIOS. 17/418779/PPN/04246. The Effect of GAP Application on Productivity of Red Chili in Pakem District, Sleman Regency. Under guidance of Dr. Ir. Lestari Rahayu Waluyati, M.P. and Dr. Jamhari, SP, M.P.

ABSTRACT

This study aims to (1) Know the application of SOP / GAP red chili (2) Know the factors that influence the application of SOP / GAP (3) Know the influence of the application of SOP / GAP and production factors on the productivity of red chili in Pakem District, Sleman Regency. This study uses a simple random sampling method from two villages in Pakem District, Sleman Regency, namely Candi Binangun Village and Pakem Binangun Village, the selection of research locations using a purposive method with a total of 60 respondents were respondents. Measurement of SOP / GAP application is based on 10 indicators, namely seed provision, land preparation, planting, installation of stakes, trimming, irrigation, fertilizing, pest control, harvesting, and post-harvest, then responses from respondent farmers are measured using a Likert scale. Factors that influence the application of SOP / GAP as well as production factors on the productivity of red chili are analyzed using simultaneous equations with the 2SLS (Two Stage Least Square) analysis method. The results showed that the application of SOP / GAP red chili in Sleman Regency was classified as high in the category of 73.77%. The results of the 2SLS analysis showed that the age variable had a positive effect on the application of SOP / GAP. Seed, labor, and SOP / GAP variables have a positive effect on the productivity of red chili, while the area of land has a negative effect on the productivity of red chili. Increased productivity of red chili can be done through the use of more intensive labor in terms of plant care and the quality of the seeds used must be certified seeds.

Keywords: *Good Agriculture Practice*, Red Chili, Simultaneous Equation

Main Advisor



Dr. Ir. Lestari Rahayu Waluyati, M.P.

Author



Muhammad Osvaldo Rios

MUHAMMAD OSVALDO RIOS. 17/418779/PPN/04246. Pengaruh Penerapan GAP Terhadap Produktivitas Cabai Merah di Kecamatan Pakem Kabupaten Sleman. Dibawah bimbingan Dr. Ir. Lestari Rahayu Waluyati, M.P. dan Dr. Jamhari, S.P, M.P.

INTISARI

Penelitian ini bertujuan untuk (1) Mengetahui penerapan SOP/GAP cabai merah (2) Mengetahui faktor-faktor yang memengaruhi penerapan SOP/GAP (3) Mengetahui pengaruh penerapan SOP/GAP dan faktor produksi terhadap produktivitas cabai merah di Kecamatan Pakem Kabupaten Sleman. Penelitian ini menggunakan metode simple random sampling yang berasal dari dua desa di Kecamatan Pakem Kabupaten Sleman yaitu Desa Candi Binangun dan Desa Pakem Binangun, pemilihan lokasi penelitian dengan menggunakan metode purposive dengan total responden adalah 60 petani. Pengukuran penerapan SOP/GAP didasarkan pada 10 indikator yaitu penyediaan benih, persiapan lahan, penanaman, pemasangan ajir, perempelan, pengairan, pemupukan, pengendalian OPT, panen, dan pasca panen yang kemudian respon dari petani responden diukur menggunakan skala likert. Faktor yang memengaruhi penerapan SOP/GAP serta faktor produksi terhadap produktivitas cabai merah dianalisis menggunakan persamaan simultan dengan metode analisis 2SLS (Two Stage Least Square). Hasil penelitian menunjukkan bahwa penerapan SOP/GAP cabai merah di Kabupaten Sleman tergolong pada kategori tinggi yaitu sebesar 73,77%. Hasil analisis 2SLS menunjukkan bahwa variabel umur berpengaruh positif terhadap penerapan SOP/GAP. Variabel benih, tenaga kerja, serta penerapan SOP/GAP berpengaruh positif terhadap produktivitas cabai merah, sedangkan variabel luas lahan berpengaruh negatif terhadap produktivitas cabai merah. Peningkatan produktivitas cabai merah dapat dilakukan melalui penggunaan tenaga kerja yang lebih intensif dalam hal perawatan tanaman serta kualitas benih yang digunakan harus benih yang telah bersertifikat.

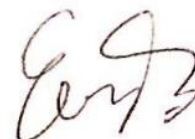
Kata kunci: *Good Agriculture Practice*, Cabai merah, Persamaan simultan

Pembimbing Utama



Dr. Ir. Lestari Rahayu Waluyati, M.P.

Penulis



Muhammad Osvaldo Rios