

INTISARI

Penelitian ini bertujuan untuk menguji respon singkong Varietas Gatotkaca dengan waktu tanam yang berbeda di Kabupaten Gunungkidul. Penelitian ini telah dilakukan pada bulan September 2017 sampai Mei 2018 di Kecamatan Ponjong Kabupaten Gunungkidul, Provinsi D. I. Yogyakarta dan Laboratorium Penelitian Fakultas Pertanian, Universitas Muhammadiyah Yogyakarta. Penelitian dilaksanakan menggunakan rancangan percobaan faktor tunggal dengan 3 perlakuan, yaitu tanam September, Oktober, dan November yang disusun dalam Rancangan Acak Kelompok Lengkap (RAKL). Variabel pengamatan dilakukan terhadap pertumbuhan tanaman singkong; yaitu tinggi tanaman, jumlah daun, luas daun, dan diameter batang serta komponen hasil singkong; yaitu jumlah ubi, panjang ubi, diameter ubi, berat per ubi, berat ubi per tanaman, hasil ubi, kadar pati dan HCN. Hasil penelitian menunjukkan bahwa waktu tanam September memberikan respon terbaik terhadap pertumbuhan tanaman, dan waktu tanam September memberikan kecenderungan respon yang lebih baik terhadap hasil Varietas Gatotkaca daripada yang lainnya.

Kata kunci: Singkong, waktu tanam, Varietas Gatotkaca, Kabupaten Gunungkidul

ABSTRACT

This study aims to treat the response of cassava of Gatotkaca variety with different planting times in Gunungkidul Regency. The research was conducted from September 2017 to May 2018 in Ponjong Subdistrict, Gunungkidul Regency, Yogyakarta Province and the Research Laboratory of Agriculture Faculty, University of Muhammadiyah Yogyakarta. The study was conducted using a single factor experimental design with 3 treatments, namely planting on September, October, and November which were arranged in a Randomized Complete Block Design (RCBD). Observation variables were carried out on the growth of cassava; ie plant height, number of leaves, leaf area, and stem diameter and cassava yield component; ie number of tubers, tuber length, tuber diameter, weight per tuber, tuber weight per plant, tuber yield, starch and HCN content. The research result showed that the planting time on September gave the best response to plant growth, and planting time on September gave the trend response to the yield of Gatotkaca variety better than another.

Keywords: *Cassava, planting time, Gatotkaca variety, Gunungkidul Regency*