

## **KORELASI SIFAT PERTUMBUHAN DAN HASIL JAGUNG PUTIH LOKAL**

### **INTISARI**

Penelitian ini bertujuan untuk mengetahui korelasi antara sifat pertumbuhan dan hasil pada tanaman jagung putih lokal. Penelitian ini dilaksanakan mulai bulan April sampai Juni 2018 di Kebun Percobaan Universitas Mercu Buana Yogyakarta. Percobaan dilaksanakan dengan Rancangan Acak Kelompok Lengkap faktor perlakuan tunggal, dengan faktor perlakuan adalah asal jagung putih yang terdiri dari Grogol, Bantul (A). Semawong, Purworejo (C). Kaliwiro, Banjarnegara (D). Ambal, Kebumen (J). Munggu, Kebumen (K). Purwodadi, Purworejo (L). Data hasil pengamatan variabel pertumbuhan dan hasil dianalisis varians, lalu dilanjutkan dengan analisis korelasi antar sifat ( $r$ ). Di dapatkan korelasi positif antara sifat pertumbuhan tinggi tanaman 6 dan 8 mst, diameter batang 4,6, dan 8 mst, letak tongkol, dan saat 50 % malai mekar dengan hasil biji/ha sebesar,  $r = 0,415$ ,  $r = 0,415$ ,  $r = 0,31$ , dan  $r = 0,073$ .

Kata kunci : Korelasi antar sifat pertumbuhan dan hasil, jagung putih lokal.

## **CORRELATION OF GROWTH AND YIELD CHORACTERISTIC OF LOCAL WHITE CORN**

### **ABSTRACT**

This study aimed to determine the correlation between the nature of growth and yield in maize white lokal. This study was conducted starting in April until June 2018 at the Experimental Station Mercuru Buana University of Yogyakarta. The experiment was carried out with a Complete Randomized Block Design single treatment factor, with the treatment factor being the origin of white corn consisting of Grogol, Bantul (A). Semawong, Purworejo (C). Kaliwiro, Banjarnegara (D). Ambal, Kebumen (J). Munggu, Kebumen (K). Purwodadi, Purworejo (L). Data from observations of growth variables and results were analyzed for variance, then continued with correlation analysis between properties ( $r$ ). In getting a positive correlation between the growth characteristics of plant height 6 and 8 mst, stem diameter 4.6, and 8 mst, the location of the cob, and when 50% panicle blooms with seed yield / ha is,  $r = 0.415$ ,  $r = 0.415$ ,  $r = 0.31$ , and  $r = 0.073$ .

Keywords: Correlation among growth and yield, local white corn.