

**SITI MAISARA KUBAIS . 04311611020. UJI PERUMBUHAN DAN HASIL BEBERAPA VARIETAS WORTEL (*Daucus carota* L.) PADA DATARAN MEDIUM DI KOTA TERNATE.**

Dr. Ir. Sri Soenarsih DAS, M.Si

Sugeng Haryanto, SP., MP

---

**ABSTRAK**

Secara agronomis, tanaman wortel merupakan tanaman sub-tropis, namun di daerah tropis tanaman wortel dapat dibudidayakan di daerah dataran tinggi (lebih dari 1000 meter dpl), meskipun demikian budidaya wortel masih dapat dilaksanakan di dataran medium (ketinggian di atas 500 meter dpl). Penelitian ini bertujuan untuk mengetahui pertumbuhan dan produksi wortel di dataran medium. Penelitian ini dilaksanakan di Kelurahan Torano Kota Ternate Tengah pada bulan April-September 2021. Penelitian ini menggunakan metode Rancangan Acak Kelompok (RAK) yang terdiri dari 5 perlakuan dan 5 ulangan. Perlakuan terdiri dari 5 varietas yaitu wortel varietas Royal Chantenay, New Nantes, Cipanas, Kuroda, Batu. Hasil penelitian menunjukkan tinggi tanaman varietas Cipanas tertinggi 77,48cm berbeda nyata. Jumlah daun terbanyak Cipanas mencapai 13,36 helai/tnm dan berbeda nyata dengan varietas lainnya. Bobot umbi terberat dicapai Royal Chantenay 100,64 g disusul varietas Kuroda 99,67 g. Panjang umbi varietas Batu tertinggi 15,33cm. Diameter umbi Royal Chantenay tertinggi 4,10 mm berbeda nyata dengan varietas lainnya. Tingkat kemanisan umbi varietas New Nantes yaitu 14,88° Brix.

**Kata Kunci :** Tanaman Wortel , Dataran Medium

**SITI MAISARA KUBAIS . 04311611020. TEST GROWTH AND RESULTS OF SOME VARIETIES OF CARROT (*Daucus carota* L.) ON MEDIUM PLANTS IN THE CITY OF TERNATE.**

Dr. Ir. Sri Soenarsih DAS, M.Si

Sugeng Haryanto, SP., MP

---

**ABSTRACT**

Agronomically, carrot crops are sub-tropical crops, but in the tropics carrot plants can be cultivated in highland areas (more than 1000 meters above sea level), however carrot cultivation can still be carried out on medium plains (altitudes above 500 meters above sea level). This study aims to determine the growth and production of carrots in the medium plains. This research was carried out in Torano Village, Central Ternate City in April-September 2021. This study used the Group Randomized Design (RAK) method which consisted of 5 treatments and 5 tests. The treatment consists of 5 varieties, namely carrots of the Royal Chantenay variety, New Nantes, Cipanas, Kuroda, Batu. The results of the study showed that the height of the plant of the highest Cipanas variety was 77.48cm, which was significantly different. The highest number of leaves Cipanas reaches 13.36 strands / tnm and is significantly different from other varieties. The heaviest tuber weight reached Royal Chantenay 100.64 g followed by the Kuroda variety 99.67 g. The length of the bulbs of the highest Stone variety is 15.33cm. The diameter of the highest Royal Chantenay tubers of 4.10 mm differs markedly from other varieties. The sweetness rate of tubers of the New Nantes variety is 14.88o Brix.

**Keywords:** Carrot Plant , Medium Plain