

ABSTRAK

ENDARWATI HADI PUTRI. NRP. 12.03.1.1.1.00023. Pengaruh Lama Perendaman Air Terhadap Perkecambahan Benih Tanaman Selasih (*Ocimum basilicum* L.). Dibawah bimbingan Ibu **Diana Nurus Sholehah, S.Farm., Apt. Msi** dan Bapak **Drs. H. Kaswan Badami, M.Si**

Penelitian ini bertujuan untuk mengetahui pengaruh perendaman benih terhadap Perkecambahan tanaman selasih. Penelitian dilakukan di Kecamatan Kamal Kabupaten Bangkalan.. Penelitian dilaksanakan pada bulan April-Mei 2016. Penelitian Rancangan Acak Lengkap (RAL) non factorial, dengan 6 perlakuan adalah P0 = Tanpa Perlakuan (Control), P1 = Perendaman dalam air selama 30 menit, P2 = Perendaman dalam air selama 60 menit, P3 = Perendaman dalam air selama 90 menit, P4 = Perendaman dalam air selama 120 menit, P5 = perendaman dalam air selama 150 menit. Hasil pengamatan dianalisis menggunakan sidik ragam dan dilanjutkan Uji Beda Jarak Nyata Duncan (BNJD) taraf 5%. Perlakuan perendaman air berpengaruh tidak nyata pada waktu berkecambah, laju perkecambah dan persentase berkecambah, namun pada parameter tinggi tanaman pada umur ke 15 HST dan jumlah daun pada umur ke 30 HST menunjukkan pengaruh nyata.

kata kunci : selasih, perendaman air, perecambahan

ABSTRACT

ENDARWATI HADI PUTRI NRP. 12.03.1.1.1.00023. Impacts of submersion in water for long time for germination seed basil plant (*Ocimum basilicum* L.). The supervisors are Mrs. **DianaNurusSholehah, S.Farm., Apt. Msi** and Mr. **Drs. H. KaswanBadami, M.Si**

This study aims to determine the effect of soaking seeds to plant basil Germination. The study was conducted in the District Kamal Bangkalan. The study was conducted in April-May 2016. The study was completely randomized design (CRD) non factorial, with 6 treatments are P0 = No treatment (Control), P1 = Immersion in water for 30 minutes, P2 = Immersion in water for 60 minutes, P3 = immersion in water for 90 minutes, P4 = immersion in water for 120 minutes, P5 = immersion in water for 150 minutes. Were analyzed using analysis of variance and continued Bede Test Distance Real Duncan (BNJD) level of 5%. Water soaking treatment effect was not evident at the time of germination. germination rate and percentage of germination, but the parameters plant height at 15 to the HST and the number of leaves at the age of 30 HST to show the real effect.

keywords: basil, ater immersion, germination