

**ABSTRAK**

**PENGARUH JENIS TANAH TERHADAP PERTUMBUHAN TANAMAN ANGGUR  
(*Vitis vinifera*) VARIETAS JESTRO AG 86 DI DALAM POT**

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Tanaman anggur merupakan tanaman subtropis yang sudah beradaptasi di Indonesia. Anggur varietas Jestro AG 86 merupakan varietas yang unggul dalam hal daya adaptasi yang lebih luas. Penelitian ini bertujuan untuk mengetahui pengaruh jenis tanah terhadap pertumbuhan tanaman anggur varietas Jestro AG 86.

Penelitian ini telah dilaksanakan di Kebun Penelitian Universitas Sanata Dharma pada bulan Oktober 2013-Februari 2014. Bibit anggur varietas Jestro AG 86 didapatkan dari penangkar bibit di Probolinggo. Penelitian ini menggunakan desain penelitian rancangan acak lengkap dengan factor tunggal. Analisis data menggunakan analisis varians. Perlakuan berupa jenis tanah yang digunakan sebagai media tanam yaitu tanah regosol (dari pesisir pantai Samas Bantul Yogyakarta), tanah aluvial (dari desa Paingan Maguwoharjo Sleman Yogyakarta) dan tanah latosol (dari kecamatan Patuk Gunung Kidul Yogyakarta). Setiap perlakuan diulang sebanyak tiga kali. Data yang diperoleh dianalisis dengan analisis varian pada tingkat signifikansi 5%.

Hasil penelitian menunjukkan rerata pertumbuhan tinggi batang pada masing-masing perlakuan tanah regosol, tanah aluvial, tanah latosol dan kontrol adalah 114,90; 155,03; 120,77; 107,70. Rerata pertumbuhan jumlah daun pada masing-masing perlakuan tanah regosol, tanah aluvial, tanah latosol dan kontrol adalah 26,00; 32,67; 29,67; 27,00. Rerata pertumbuhan diameter batang pada masing-masing perlakuan tanah regosol, tanah alluvial dan tanah latosol dan kontrol adalah 0,3467; 0,4167; 0,3767; 0,3900. Berdasarkan analisis statistik disimpulkan bahwa tidak terdapat perbedaan yang nyata diantara pertumbuhan tanaman anggur varietas Jestro AG 86 yang ditanam dengan jenis tanah yang berbeda. Oleh karena itu, jenis tanah tidak mempengaruhi pertumbuhan tanaman anggur varietas Jestro AG 86.

Kata kunci : tanah regosol, tanah aluvial, tanah latosol, anggur (*Vitis vinifera*) varietas Jestro AG 86,

**ABSTRACT**

**THE IMPACT OF SOIL TYPE ON THE GROWTH OF JESTRO AG 86 GRAPE VARIETY**

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*Grape is a subtropical plant which is adapted to Indonesian climate. Jestro AG 86 grape variety is the excellent variety in term of its broader adaptation ability. This research aims to find the influence of soil type on the growth of Jestro AG 86 grape variety.*

*This research was conducted at the Sanata Dharma University research garden on October 2013 until February 2014. The seed of Jestro AG 86 grape variety was obtained from the seed breeder in Probolinggo. This research implemented One-Factor ANOVA (Analysis of Variance) research design. The treatments deal with the types of the soil which are used as the planting media. The first soil type is regosol soil which was taken from the Samas Beach in Bantul, Yogyakarta. The second soil type is alluvial soil which was taken from Paingan village in Maguwoharjo, Sleman, Yogyakarta. The last type is latosol soil which was taken from Patuk sub-district in GunungKidul, Yogyakarta. Each treatment was repeated three times. The research data was analyzed with Analysis of Variance with 5% level of significance.*

*The result of the research shows that the average of the grapevine stem heights from regosol soil is 114,90, from alluvial soil is 155.03, from latosol soil is 120,77, from control is 107.70. The average of the grapevine leave quantities from regosol soil is 26.00, from alluvial soil is 32.67, from latosol soil is 29.67, and from control is 27.00. The average of grapevine stem diameters from regosol soil is 0.3467, from alluvial soil is 0.4167, from latosol soil is 0.3767, from control is 0.3900. Based on the statistical analysis, it is concluded that there is no significance difference between the growth of Jestro AG 86 grape variety and the type of the soil used as the planting media. The type of the soil does not influence the growth of Jestro AG 86 grape variety.*

*Keywords: regosol soil, aluvial soil, latosol soil, grape (Vitisvinifera) Jestro AG 86 variety*