

ABSTRAK

Pengaruh Tiga Jenis Tanah, Tanah Gunung Kidul (Mediterranean Soils), Tanah Paingan (Aluvial), Pasir Pantai Samas (Regosol) Terhadap Pertumbuhan Anggur Varietas Alfonso Lafalle

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Telah dilakukan penelitian tentang pengaruh tiga jenis tanah terhadap pertumbuhan tanaman anggur varietas *Alfonso lafalle*. Jenis tanah yang digunakan adalah tanah Regosol (pasir pantai Samas), tanah Aluvial (tanah Paingan), tanah Mediteran (tanah Gunung Kidul). Penelitian ini merupakan eksperimen. Dalam penelitian ini pengujian terhadap setiap media dilakukan lewat tiga kali pengulangan dan ditambah dengan kontrol. Pengukuran pertumbuhan pada tanaman anggur dilakukan terhadap tinggi tanaman, jumlah daun dan diameter batang tanaman anggur. Penelitian ini dilakukan selama 4 bulan dengan pengambilan data setiap seminggu sekali. Hasil penelitian diuji dengan menggunakan statistik uji F anova.

Hasil penelitian dan pengamatan menunjukkan bahwa tidak ada perbedaan nyata pengaruh jenis tanah (Regosol, Aluvial, dan Mediteran) terhadap pertumbuhan tinggi tanaman, jumlah daun, dan diameter batang tanaman anggur varietas *Alfonso lafalle*.

Ada beberapa faktor yang menyebabkan terhambatnya pertumbuhan tanaman anggur seperti pH, kelembaban, suhu, intensitas sinar matahari, kelembaban tanah, hama, dan penyakit.

Kata kunci : jenis tanah, pertumbuhan tanaman anggur, varietas *Alfonso lafalle*, pH, kelembaban, suhu, intensitas sinar matahari, kelembaban tanah, hama, dan penyakit.

ABSTRACT

The Influences Of Three Kinds Of Media Treatments Using Soil From, Gunung Kidul (Mediterans Soil), Paingan (Aluvial), and Samas Beach Sand (Regosol) Towards The Growth Of Grapes Alfonso Lafalle Variety

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This research was conducted to measure the effects of three types of soil on the growth of grape Alfonso lafalle variety. The types of soil used are Regosol soil (the Samas beach's sand), Aluvial soil (the soil of Paingan), and Mediterranean soil (the soil of Gunung Kidul). This study performed through three repetitions for measurement. The measurement of testing about the plant growth was done on about plant hight, number of leaves and stem diameter. This study was carried out for 4 month with data collection done in every other week.

The result of research and observation shows that there is no real different influence of the type of soil treatment on the growth of plant height, number of leaves, and stem diameter.

There are several factors assumed to cause the grape's stunting such as pH, moisture, temperature, solar radiation, soil moisture, pests and disease.

Keywords : soil type, growth of the grape, Alfonso lafalle, pH, moisture, temperature, solar radiation, soil moisture, pests and disease.