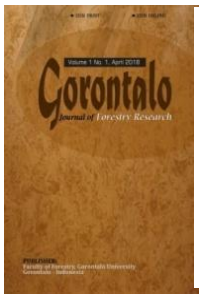

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PERBANYAKAN LEGUME COVER CROP *Desmodium trifolium* PADA BEBERAPA MEDIA TANAM

PLANT PROPOGATION OF LEGUME COVER CROP Desmodium trifolium WITH SEVERAL GROWTH MEDIA

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ABSTRAK

Lahan pascatambang merupakan lahan terbuka yang mudah terdegradasi, sehingga perlu dilakukan revegetasi terutama jenis legum cover crop. Tujuan penelitian yaitu melakukan perbanyakan *legume cover crop Desmodium triflorum* pada beberapa media. Analisis data menggunakan Anova dengan software SPSS versi 10.01. Hasil penelitian menunjukkan bahwa perlakuan media memberikan pengaruh sangat nyata terhadap daya kecambah, rata-rata hari berkecambah, tinggi kecambah, serta jumlah daun tanaman *Desmodium trifolium*, tetapi tidak berpengaruh nyata terhadap jumlah benih berkecambah. Perlakuan media tanah campuran arang sekam pada *Desmodium trifolium* memberikan nilai terbaik terhadap rata-rata daya kecambah (33,33%), rata-rata hari berkecambah (9,41 hari), rata-rata tinggi kecambah (9,91 cm) dan rata-rata jumlah daun (7,34 helai), bila dibandingkan dengan perlakuan media tanah campuran dengan serbuk kayu gergaji.

Kata kunci: tumbuhan penutup tanah; *Desmodium trifolium*; media tumbuh

ABSTRACT

Post-mining land is open land that is easily degraded, so it is necessary to conduct revegetation, especially using cover crop legumes. This study aimed to propagate the legume cover crop Desmodium triflorum on several media. The data was analysed using ANOVA with SPSS software version 10.01. The results showed that the media treatment had a very significant effect on germination, average days of germination, germination height, and the number of leaves of Desmodium trifolium plants, but not significant effect on the number of germinated seeds. The soil treatment with husk charcoal mixed to Desmodium trifolium indicated the best average germination, average germination day, average germination height, and average