

RINGKASAN

Tiami Suci Febrian. Penelitian berjudul Identifikasi Jenis Rumput, Kadar Bahan Kering dan Kadar Serat Kasar Hijauan Rerumputan di Lapangan Golf Wijayakusuma Purwokerto dilaksanakan mulai tanggal 19 Juni sampai dengan 3 Juli 2017 di Lapangan Golf Wijayakusuma Purwokerto, dan Laboratorium Agrostologi, serta Laboratorium Ilmu Nutrisi dan Makanan Ternak, Fakultas Peternakan, Universitas Jendral Soedirman, Purwokerto. Tujuan penelitian adalah mengetahui karakteristik lapangan golf dengan identifikasi jenis rumput, dan mengetahui kadar bahan kering dan serat kasar hijauan rerumputan yang ada di lapangan golf Wijayakusuma, Purwokerto. Materi penelitian menggunakan rumput lapangan golf. Data yang diambil meliputi jenis rumput lapangan golf, kadar bahan kering dan kadar serat kasar rumput lapangan golf Wijayakusuma, Purwokerto. Penelitian menggunakan metode survei dengan penentuan lokasi diambil berdasarkan *purposive sampling* yaitu di lapangan golf Wijayakusuma Purwokerto merupakan lahan yang mirip dengan padang penggembalaan dengan luas 103.434 m². Sampel diambil dengan cara membuat cuplikan. Digunakan suatu alat berupa kuadran yang luasnya tertentu yaitu berukuran 1 m². kuadran pertama ditentukan secara acak. Kuadran ke dua diambil pada jarak 10 meter lurus ke kanan, dua kuadran tersebut merupakan 1 *cluster*. *Cluster* ke 2 diambil pada jarak 125 meter. Sampel dalam kuadran diidentifikasi jenis rumput, kemudian dianalisis kadar bahan kering, dan kadar serat kasar. Analisis data menggunakan analisis deskriptif. Hasil penelitian menunjukkan bahwa 95,1 % populasi rumput lapangan golf merupakan rumput bermuda (*Cynodon dactylon*) dan 4,9 % merupakan gulma yaitu Teki (*Cyperus rotundus* L.), dan semanggi (*Marsilea crenata*), kadar bahan kering rumput tersebut adalah 24,3%, kadar serat kasar adalah 32,42%. Faktor yang mempengaruhinya adalah lingkungan dan manajemen pemeliharaan yang meliputi penyiraman, pemupukan, penyulaman dan pemanenan.

Kata kunci : identifikasi rumput lapangan golf, *Cynodon dactylon*, *Cyperus rotundus* L, *Marsilea crenata*, kadar bahan kering dan kadar serat kasar.

SUMMARY

Tiami Suci Febrin. The research entitled “Identification of Grass Species, Dry Matter Level and Crude Fiber level of Tamed Grass at Wijayakusuma golf course Purwokerto” , was held from 19 of June to 3rd July 2017 at Wijayakusuma golf course Purwokerto, Agrostology Laboratory, and Nutrition and Feed Science Laboratory, Faculty of Animal Husbandry , Jenderal Soedirman University, Purwokerto. The purpose of this research was to know the characteristic of golf course with identification of grass species, and to know levels of Dry Matter level and Crude Fiber level of Tamed Grass at Wijayakusuma golf course Purwokerto. The research materials used were the species grasses on golf course. Data taken included the species of grasses golf course, Dry Matter level and Crude Fiber level of grass at Wijayakusuma golf course, Purwokerto. The research used survey method with location determination is taken by mean pursuant to purposive sampling at Wijayakusuma golf course, Purwokerto. That was a which was similar to grazing field width of 103.434 m². Samples are taken by creating a snapshot. Used tools in the form of quadrant of a certain size that, 1 m². The first quadrant was determined randomly. The second quadrants is was taken at a distance of 10 meters straight to the right, the two quadrants were 1 cluster. The second cluster was taken at a distance of 125 meters. The samples of grasses species in the quadrant were identified, then were analyzed for Dry Matter level, and Crude Fiber level. Data analysis used descriptive analysis. The results showed that 95.1% of the golf lawn grass population was *Cynodon dactylon* and 4.9% were weeds Teki (*Cyperus rotundus* L.), and Semanggi (*Marsilea crenata*). The grass Dry Matter level was 24.3% ± 2.84, Crude Fiber level was 32.42% ± 1,84. Factors that affect it was the environment and maintenance management that included watering, fertilizing, weeding and harvesting.

Keywords: identification of grass golf course, *Cynodon dactylon*, *Cyperus rotundus* L, *Marsilea crenata*, Dry Matter level, Coarse Fiber level.