

PENGARUH BANGSA PEJANTAN TERHADAP UKURAN TUBUH DAN PRESTASI KUDA REMONTE DI DETASEMEN KAVALERI BERKUDA PARONGPONG BANDUNG

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INTISARI

Penelitian ini bertujuan untuk mengetahui pengaruh bangsa pejantan terhadap ukuran tubuh dan prestasi kuda remonte yang digunakan sebagai kuda operasional Detasemen Kavaleri Berkuda (Denkavkud), Parongpong, Bandung. Sampel kuda yang diamati sebanyak 75 ekor yang berasal dari keturunan bangsa pejantan Peranakan *Akhal-teke*, *Thoroughbred*, Peranakan *Warmblood*, dan *Unknown*. Data yang diambil meliputi data umur, ukuran tubuh, dan prestasi kuda. Data umur kuda diambil dari catatan tanggal kuda lahir dan saat pengukuran remonte. Data ukuran tubuh diambil dengan melihat catatan ukuran tubuh pada saat pencalonan remonte. Data prestasi kuda didapat dari data persentase kelolosan pada pencalonan pertama sampai ketiga. Prestasi kuda dianalisis secara deskriptif. Data umur dan ukuran tubuh dianalisis menggunakan analisis variansi dengan rancangan lengkap pola searah untuk mengetahui apakah ada perbedaan efek bangsa yang berbeda. Jika ada perbedaan bangsa yang nyata maka dilanjutkan Duncan's Multiple Range Test. Hasil analisis menunjukkan bahwa terdapat pengaruh bangsa pejantan terhadap umur anak kuda remonte yaitu pada keturunan pejantan bangsa *Thoroughbred* dengan *Unknown* dan Peranakan *Akhal-teke*. Pengaruh bangsa pejantan tidak mendapatkan bukti yang nyata berpengaruh terhadap ukuran tubuh kuda remonte. Ukuran tinggi badan kuda paling baik berasal dari pejantan bangsa *Thoroughbred*. Prestasi kuda remonte yang paling tinggi pada keturunan pejantan bangsa Peranakan *Warmblood*, disusul oleh bangsa *Thoroughbred*, *Unknown*, dan Peranakan *Akhal-teke*.

Kata kunci: Kuda, Pejantan, Prestasi, Remonte, Ukuran tubuh

**EFFECT OF STALLION BREED ON THE BODY SIZE AND
PERFORMANCE OF HORSE FOR *REMONTE* IN
DETASEMEN KAVALERI BERKUDA
PARONGPONG BANDUNG**

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ABSTRACT

The aim of research was to investigate of body size (body height) horse *remonte* from different breeds of stallion, which were used for operational horses in *Detasemen Kavaleri Berkuda (Denkavkud)*, Parongpong, Bandung. Seventy five horses descendant based on *Akhal-teke Crossbred*, *Thoroughbred*, *Warmblood Crossbred*, and *Unknown* stallion breed were observed in this research. Data was retrieved by age, body size, and performance of horse *remonte*. Data was taken from age record date of birth and current measurements of horse *remonte*. Body size data was taken by looking of body size at the time of *remonte* candidates. Horse performance data was obtained from the data passing rate on the candidate of the first until three repetition *remonte*. Performance of horses *remonte* were analyzed by Descriptive Analyzed. Age and body size *remonte* were analyzed using Analysis of Variance with Complete Draft Unidirectional Pattern to determine the effect of different stallion breed. If they were significant with stallion breed, they will be continued by Duncan Multiple Range Test. The data obtained were analyzed the influence of stallion age of *remonte* that breed of stallion *Thoroughbred* with unknown and *Akhal-teke Crossbred* stallion. The effects of different stallion breed do not determine body size horse *remonte*. The best performance of body size is from *Thoroughbred* stallion. The highest of performance horse *remonte* based on stallion breed is *Warmblood Crossbred*, followed by *Thoroughbred*, *Unknown*, and *Akhal-teke Crossbred*.

Keyword : Horse, Stallion, Performance, *Remonte*, Body size