

FOOT CONFORMATION OF HORSE AT DAERAH ISTIMEWA YOGYAKARTA

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Abstract

Horse is one of the most useful animal in the world for human lives, such as helping human in works, sports, hobbies, cultures, even for food supplies. Because of how useful this animal, their body conformation and their foot conformation are interesting and important enough for being research. This topic has been chosen because of this animal can not be separated and really identical with Daerah Istimewa Yogyakarta cultures.

This research used 3 of kind horse basic of their function, which is 10 race horses from Pikatan Stable Daerah Istimewa Yogyakarta, 15 delman's horses from Malioboro, and 15 horses for food supplies from Segorowoyoso. Restrained horse, and do observation 2 times for the way it standing from cranial view, caudal view, and lateral view. The next observation is for how it walks, and then put their both foot standing at measuring box, take a couple of picture, and start data processing.

Eighty percent from Pikatan Stable's race horses, 100 percent Malioboro's delman's horses and 100 percent Segoroyoso's horses having abnormal conformation at their foot. Despite of race horses having abnormal conformation but it is still good conformation for their class, whereas for delman's horse and horse for food there is found variety of abnormalities and can disturb their work. At Pikatan Stable's horses, abnormal conformation is most found at caudal foot, while as for Segoroyoso's horses is the opposite. As for hoof conformation, which includes short pastern, long pastern, and hoof angle, horses at Pikatan Stable and Malioboro are fit in proportion of horse body, while for Segoroyoso's horse higher percentage of heel height/toe height indicates a heel height which is not proportional to the toe height (*club foot*).

Keyword : Foot conformation of horse, Horse at Daerah Istimewa Yogyakarta, Hoof angle, Percentage calculation of heel height/hoof height, Foot conformation disorder, horse foot care.