

Analyzing of Good Dairy Practices in Dairy Farm Management in Sleman, Daerah Istimewa Yogyakarta: The Effect of Good Management in Milk Production

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Abstract : The dairy farm has strategic roles in meeting the demand of foods. Sleman Regency is a central dairy production in Daerah Istimewa Yogyakarta. Sleman district has a population of 3954 heads dairy cattle with an environmental temperature of 22 to 35 degrees Celsius and humidity 74 to 87% which makes a good location for a dairy cattle farm. The dairy cattle that are kept by the majority of the Friesian Holstein Crossbreed are predominantly reared by conventional management. Sleman Regency accounts for 7.3% of national milk production. Factors influencing include genetic, environmental, and management. The purpose of this research was to determine the effect of Good Dairy Farming Practices (GDFP) application on milk production in Sleman Regency. The data collection was conducted in January 2017 until May 2017 using survey and interviews methods at 5 locations of dairy farms selected randomly. Data were analyzed with the chi-square test. The result of this research showed that GDFP point was management 1,47 points (less good). The result showed that Good Dairy Farming Practices (GDFP) has a positive effect on milk production.

Keywords : dairy cattle, GDFP, milk production, Sleman regency

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