

RINGKASAN

HAFID MUKTI SYARIF. Hubungan IOFC (*Income Over Feed Cost*) dengan Produksi Susu Sapi Perah Rakyat Di Kabupaten Banjarnegara. Penelitian dilaksanakan pada tanggal 5 Oktober 2016 sampai 8 November 2016. Penelitian bertujuan mengetahui IOFC peternakan rakyat sapi perah di Kabupaten Banjarnegara, mengetahui produksi susu sapi perah (liter/hari) di Kabupaten Banjarnegara dan menganalisis hubungan antara IOFC dengan faktor-faktor produksi susu sapi perah rakyat di Kabupaten Banjarnegara. Penelitian dengan metode survey, pengambilan sampel wilayah dilakukan secara sensus yaitu wilayah kecamatan-kecamatan yang memiliki peternakan sapi perah terbanyak di Kabupaten Banjarnegara sebanyak 50 peternak sapi perah. Metode pengumpulan data dilakukan dengan metode survey, melakukan observasi atau pengamatan langsung ke lapangan dan wawancara berdasarkan kuisioner.

Variabel yang diukur yaitu *dependen* (Y)= IOFC dan *independen* (X)= masa laktasi, bulan laktasi, jumlah konsentrat dan jumlah hijauan. Data diolah dengan analisis regresi linier berganda dilanjutkan dengan uji t dan uji F. Rata-rata masa laktasi di 4 kecamatan banjarnegara adalah 2,34. Rata-rata bulan laktasi di 4 kecamatan banjarnegara adalah 4,14. Rata-rata produksi susu di Kabupaten Banjarnegara adalah 9,48 liter/ekor/hari. Rata-rata IOFC (*Income Over Feed Cost*) di peternak rakyat Kabupaten Banjarnegara adalah sebesar Rp. 55.630. Hasil penelitian menunjukkan bahwa variabel *independent* berpengaruh sangat nyata terhadap variabel *dependent* dengan tingkat kepercayaan 99% ($P < 0,01$). Hasil analisis koefisien determinasi R^2 sebesar 0,823 yang menunjukkan bahwa variabel *independent* secara kolektif berpengaruh terhadap pendapatan sebesar 82,3%. produksi susu tidak maksimal karena pada saat dilakukan penelitian ternak masi muda dan tidak pada saat puncak produksi susu. Variabel masa laktasi (x_1) dan bulan laktasi (x_2) tidak berpengaruh terhadap IOFC (*income over feed cots*). Variabel Pakan Konsentrat (X_3) dan Pakan hijauan (X_4) berpengaruh terhadap IOFC (*income over feed cots*) dan variabel pakan konsentrat meningkatkan IOFC.

Kata Kunci : Sapi Perah, IOFC (*Income Over Feed Cost*), Masa laktasi, Bulan Laktasi, Jumlah Konsentrat, Jumlah Hijauan.

SUMMARY

HAFID MUKTI SYARIF. Relations IOFC (Income Over Feed Cost) with the People's Dairy Milk Production In Banjarnegara. The research was conducted on October 5, 2016 until 8 November 2016. The study was aimed to find out IOFC a public's dairy farm in Banjarnegara, to find out dairy milk production (liters / day) in Banjarnegara district and analyze the relationship between IOFC with an factors of dairy milk production in Banjarnegara district. Research was used survey's method, sampling is done by census region in sub districts that have an dairy farm in Banjarnegara regency as many as 50 dairy farmers. The Method of data collection was conducted by survey method, did an observation or direct observation and interview based questionnaire.

Measured variables were dependent (Y) = IOFC and independent (X) = lactation, lactation month, the amount of concentrate and forage quantity. Data were processed by multiple linear regression analysis followed by t test and F test average lactation in 4 districts banjarnegara is 2.34. The average month of lactation in 4 districts banjarnegara is 4.14. Average production of milk in the District Banjarnegra is 9.48 liters / cow / day. On average IOFC (Income Over Feed Cost) in Banjarnegara district folk breeder is Rp. 55,630. The results showed that the independent variables had significant effect on the dependent variable with a confidence level of 99% ($P < 0.01$). The results of the analysis of determination coefficient R^2 is 0.823 which showed that the independent variables collectively affect the revenue of 82.3%. milk production is not optimal because at the time of masi young livestock research and not at the peak of milk production. Variable lactation (X1) and the month of lactation (X2) had not affect the IOFC (Income over feed cots). Variabel Feed Concentrate (X3) and forage Feed (X4) had affects on IOFC (Income over feed cots) and a variable feed concentrates was increased IOFC.

Keywords : Dairy Cattle, IOFC (Income Over Feed Cost), period of lactation, lactation's month, Total Concentrate, Total Forages.