

**ANALISIS GROSS MARGIN USAHA PEMELIHARAAN INTENSIF
PEDET JANTAN SAPI PERANAKAN FRIESIAN HOLSTEIN
DI KIRINGAN BOYOLALI**

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INTISARI

Untuk menentukan rata-rata pertumbuhan pedet dan *gross margin* pembesaran pedet jantan sapi Peranakan Friesian Holstein di Kiringan, Boyolali, menggunakan manajemen intensif dan konvensional pada fase prasapah dan lepas sapah (10 ekor pedet/grup, selama 3 bulan) mulai tanggal 3 April sampai 3 Juli 2011 dibandingkan menggunakan *independent samples t-test*. Rerata pertambahan bobot harian (ADG) pada pedet prasapah dengan manajemen intensif lebih tinggi ($P < 0,01$) dibanding ADG pedet dengan manajemen konvensional, sedangkan ADG pedet lepas sapah dengan manajemen intensif lebih tinggi ($P < 0,05$) dibanding ADG pedet dengan manajemen konvensional. Manajemen intensif menghasilkan *gross margin* yang lebih tinggi ($P < 0,05$) dibanding dengan manajemen konvensional baik pada pedet prasapah maupun lepas sapah (Rp 425.120±59.894/pedet VS Rp 265,590±20,682/pedet untuk pembesaran pedet prasapah; Rp 595,100±75,218/pedet VS Rp 363,270±25,497/pedet untuk pembesaran pedet lepas sapah).

(Kata kunci: Pedet jantan sapi Peranakan Friesian Holstein, Manajemen intensif, *Gross margin*)

GROSS MARGIN ANALYSIS OF INTENSIVE HOLSTEIN-GRADE CALVES REARING IN KIRINGAN BOYOLALI

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ABSTRACT

To determine calves growth rates and gross margin of male Holstein-grade calves rearing in Kiringan, Boyolali, intensive and conventional managements in pre- and post-weaning periods (10 calves/group, for 3 months) were compared from 3 April to 3 July 2011 using independent samples t-test. Average daily gain of pre-weaned calves under intensive management was found to be higher ($P < 0.01$) than that of under conventional management, while average daily gain of post-weaned calves under intensive management was found to be higher ($P < 0.05$) than that of under conventional management. Intensive management resulted in higher ($P < 0.05$) gross margin compared to conventional management for both pre- and post-weaned calves (Rp 425,120±59,894/calf VS Rp 265,590±20,682/calf for pre-weaned calves; Rp 595,100±75,218/calf VS Rp 363,270±25,497/calf for post-weaned calves).

(Key words : Male Holstein-grade calves, Intensive management, Gross margin)