

PENILAIAN KESEJAHTERAAN SAPI POTONG PADA PRINSIP GOOD HOUSING DI KANDANG PUSAT PENGEMBANGAN TERNAK, FAKULTAS PETERNAKAN, UNIVERSITAS GADJAH MADA

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INTISARI

Penelitian ini bertujuan untuk menilai kesejahteraan sapi potong ditinjau dari prinsip *good housing* di kandang Pusat Pengembangan Ternak (PPT) Fakultas Peternakan Universitas Gadjah Mada. Sebanyak 13 ekor sapi potong di kandang umbaran digunakan pada penelitian ini. Parameter yang diamati diadaptasi berdasarkan *Welfare Quality® Assessment Protocol for Cattle* meliputi kenyamanan saat beristirahat, kenyamanan termal, dan kemudahan bergerak. Hasil pengamatan dianalisis menggunakan perangkat Microsoft Excel dan disajikan dalam bentuk deskriptif kuantitatif. Penilaian dilakukan dengan kombinasi rumus substitusi dan integral *choquet*. Hasil penelitian pada kandang umbaran menunjukkan nilai kenyamanan saat beristirahat sebesar 94,25; Nilai kemudahan bergerak sebesar 100; serta nilai THI sebesar 76. Berdasarkan skor masing-masing kriteria, diperoleh skor akhir prinsip *good housing* sebesar 95,98. Kesejahteraan sapi potong pada prinsip *good housing* saat musim kemarau di kandang umbaran PPT Fakultas Peternakan UGM tergolong sangat sejahtera.

Kata Kunci: Sapi potong, Kesejahteraan hewan, Penilaian, *Good housing*

**BEEF CATTLE WELFARE ASSESSMENT ON *GOOD HOUSING*
PRINCIPLE IN LIVESTOCK DEVELOPMENT CENTER,
FACULTY OF ANIMAL SCIENCE, UNIVERSITAS
GADJAH MADA**

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ABSTRACT

This study aimed to assess the welfare of beef cattle in terms of good housing principles in the Livestock Development Center (PPT) of the Faculty of Animal Science, Universitas Gadjah Mada. A total of 13 beef cattle in the communal pen were used in this study. The parameters observed were adapted based on the Welfare Quality® Assessment Protocol for Cattle, including resting comfort, thermal comfort, and ease of movement. Observations were analyzed using Microsoft Excel and presented in quantitative descriptive form. The assessment was conducted using a combination of substitution and integral choquet formulas. The results of the research on the communal pen showed a comfort value when resting of 94.25; an ease of movement value of 100; and a THI value of 76. Based on the score of each criterion, the final score of the good housing principle is 95.98. The welfare of beef cattle on the principle of good housing during the dry season in the PPT pen of the Faculty of Animal Science UGM is classified as *excellent*.

Keywords : Beef cattle, *Animal welfare*, Assessment, *Good housing*