

PENILAIAN KESEJAHTERAAN SAPI POTONG PADA PRINSIP *APPROPRIATE BEHAVIOUR* DI KANDANG PUSAT PENGEMBANGAN TERNAK, FAKULTAS PETERNAKAN, UNIVERSITAS GADJAH MADA

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INTISARI

Penelitian ini bertujuan untuk mengetahui tingkat kesejahteraan sapi potong pada prinsip *appropriate behaviour* yang dipelihara di Pusat Pengembangan Ternak (PPT) Universitas Gadjah Mada. Penelitian menggunakan 6 ekor induk sapi bunting dan 7 ekor induk sapi tidak bunting di kandang umbaran. Parameter aspek *appropriate behaviour* diamati berdasarkan *Welfare Quality® Assessment Protocol* dengan beberapa penyesuaian meliputi ekspresi perilaku sosial, ekspresi perilaku lain, hubungan baik manusia dan hewan, dan keadaan emosi positif. Penilaian akhir dari masing-masing kriteria kesejahteraan ternak dilakukan dengan metode *integral choquet*. Hasil penelitian pada induk sapi bunting dan induk sapi tidak bunting menunjukkan skor ekspresi tingkah laku sosial sebesar 40,42 dan 41,55; ekspresi perilaku lain sebesar 77,44 dan 79,30; hubungan baik manusia-hewan sebesar 80,75 dan 76,27; dan keadaan emosi positif sebesar 61,12 dan 52,44. Berdasarkan skor dari masing-masing kriteria, diperoleh skor akhir prinsip *appropriate behaviour* induk sapi bunting sebesar 53,66 dan induk sapi tidak bunting sebesar 50,53. Kesejahteraan sapi potong baik induk sapi bunting dan induk sapi tidak bunting pada prinsip *appropriate behaviour* tergolong dapat diterima (*acceptable*).

(Kata kunci: *Appropriate behaviour*, Kesejahteraan hewan, Sapi potong)

**WELFARE ASSESSMENT OF BEEF CATTLE ON THE
PRINCIPLE OF APPROPRIATE BEHAVIOR AT
THE LIVESTOCK DEVELOPMENT CENTER,
FACULTY OF ANIMAL SCIENCE,
UNIVERSITAS GADJAH MADA**

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ABSTRACT

This research aims to determine the welfare level of beef cattle based on the principle of appropriate behavior maintained at the Livestock Development Center of Universitas Gadjah Mada. The research utilized 6 pregnant and 7 non-pregnant cows in free-range pens. Parameters of appropriate behavior aspects were observed based on the Welfare Quality® Assessment Protocol with several adjustments including expressions of social behavior, expressions of other behaviors, human-animal relationship, and positive emotional state. The final assessment of each livestock welfare criterion was conducted using the choquet integral method. The results of the study on pregnant and non-pregnant cows showed scores for expressions of social behavior of 40.42 and 41.55, expressions of other behaviors of 77.44 and 79.30, human-animal relationship of 80.75 and 76.27, and positive emotional state of 61.12 and 52.44, respectively. Based on the scores of each criterion, the final scores for the principle of appropriate behavior for pregnant cows were 53.66 and for non-pregnant cows were 50.53. The welfare of beef cattle, both pregnant and non-pregnant cows, based on the principle of appropriate behavior, is considered acceptable.

(Keywords: Animal welfare, Appropriate behavior, Beef cattle)