

DAFTAR PUSTAKA

- Absmanner, E., C. Rouha-Mulleder C, Scharl T, Leisch F and Troxler J 2009. Effects of different housing systems on the behaviour of beef bulls – an on-farm assessment on Austrian farms. *Applied Animal Behaviour Science* 118. 12–19.
- Aigueperse, N. and E. Vasseur. 2021. Providing an outdoor exercise area affects tie-stall cow reactivity and human-cow relations. *Frontiers in Veterinary Science*. 7:597607
- Aland, A., L. Lidfors, and I. Ekesbo. 2002. Diurnal distribution of dairy cow defecation and urination. *Appl. Anim. Behav. Sci.* 78:43–54.
- Andreasen, S. N. and B. Forkman. 2012. The welfare of dairy cows is improved in relation to cleanliness and integument alterations on the hocks and lameness when sand is used as stall surface. *J. Dairy Sci.* 95:4961-4967.
- Anonim. 2009. Welfare Quality® Assessment Protocol for Cattle. Welfare Quality® Consortium. Lelystad.
- Anonim. 2015. Peraturan Menteri Pertanian Nomor 46 tahun 2015 tentang Pedoman Budi Daya Sapi Potong yang Baik. Tersedia di: <https://dispertan.bantenprov.go.id/lama/read/link-download/120/Peraturan-Menteri-Pertanian-Nomor-46-Tahun-2015-Tentang-Pedoman-Budidaya-Sapi-Potong-Yang-Baik.html> diakses pada: Minggu, 02 Januari 2022.
- Anonim. 2019. Undang-undang Republik Indonesia, Nomor 18 tahun 2019, tentang Peternakan dan Kesehatan Hewan. Tersedia di: http://pusvetma.ditjenpkh.pertanian.go.id/upload/regulasi/159264_8320.1.%20UU%2018%202009.pdf , diakses pada: Jum'at, 13 November 2020.
- Blokhuis, H., M. Miele, I. Veissier, and B. Jones. 2013. *Improving Farm Animal Welfare*. Wageningen Academic Publishers. Wageningen.
- Blöttner, D. S. 2012. *Brown Swiss x Holstein Crossbred Cows Compared to Pure Holstein Cows for Calving Traits, Production, and Conformation Measurements in First, Second, and Third Lactation*. Dissertation. der Martin-Luther-Universität Halle-Wittenberg.
- Bouyssou, D. 1990. *Building Criteria: A Prerequisite For MCDA*. Springer Verlag. Heidelberg.
- Brcsic, M., R. Ricci, P. Prevedello, C. Lonardi, R. De Nardi, B. Contifero, F. Gottardo, and G. Cozzi. 2015. Synthetic rubber surface as an alternative to concrete to improve welfare and performance of

- finishing beef cattle reared on fully slatted flooring. *Animal*. 9(8): 1386-1392.
- Budhiarta, S. 2009. *Penyembelihan, Pemeriksaan Pramerta, dan Pemeriksaan Pascamerta pada Ternak Potong*. Gadjah Mada University Press. Yogyakarta.
- Cook, N. B. and K. V. Nordlund. 2009. The influence of the environment on dairy cow behavior, claw health and herd lameness dynamics. *The Veterinary Journal*, 179(3): 360-369.
- Farm Animal Welfare Council. 1992. FAWC updates the five freedoms. *Veterinary Record*. 17: 357
- Fraser, D. 1995. Science, values and animal welfare: exploring the 'inextricable connection'. *Animal Welfare*. 4: 103-117.
- Hauge, S. J., C. Kielland, G. Ringdal, E. Skjerve, and O. Nafstad. 2012. Factors associated with cattle cleanliness on Norwegian dairy farms. *Journal of Dairy Science*. 95(5):2485-96.
- Hedman, F. L., M. Andersson, V. Kinch, A. Lindholm, A. Nordqvist, and R. Westin. 2021. Cattle Cleanliness from the View of Swedish Farmers and Official Animal Welfare Inspectors. *Animals*. 11(4):945-958.
- Hughes, J. 2001. A system for assessing cow cleanliness. In *Pract*. 23:517–524.
- Kunkel, H. O., W. P. Browne, S. E. Curtis, and P. B. Thompson. 2000. *Human Issues in Animal Agriculture*. Texas A&M University Press. College Station.
- Kuswati dan T. Susilawati. 2016. *Industri Sapi Potong*. UB Press. Malang.
- Kuswati, W. A. Septian, I. Novianti, dan M. Nasich. 2020. *Ilmu dan Manajemen Ternak Pedaging*. UB Press. Malang.
- Li, M., X. Liang, Z. Tang, F. Hassan, L. Li, Y. Guo, K. Peng, X. Liang, and C. Yang. 2021. Thermal comfort index for lactating water buffaloes under hot and humid climate. *Animals*. 11(7):2067-2077.
- Magnusson, M., A. H. Herlin, and M. Ventorp. 2008. Short communication: Effect of alley floor cleanliness on free-stall and udder hygiene. *J. Dairy Sci*. 91:3927–3930.
- Mason, G., and M. Mendl. 1993. Why is there no simple way of measuring animal welfare? *Animal Welfare*. 2: 301-319.
- Meat and Livestock Australia. 2019. *More Beef from Pastures Manual - Herd Health and Welfare*. <https://mbfp.mla.com.au/herd-health-and-welfare/5-manage-the-welfare-of-all-cattle/> diakses pada Sabtu, 7 Mei 2022.

- OIE. 2019. Terrestrial Animal Health Code, Chapter 7.9 : Animal Welfare and Beef Cattle Production System. World Organization for Animal Health. Tersedia di: https://www.oie.int/index.php?id=169&L=0&htmfile=chapitre_aw_beef_catthe.htm , diakses pada: Kamis, 12 November 2020.
- Petherick, C. J., and C. J. C. Philips. 2009. Space allowances for confined livestock and their determination from allometric principles. *Applied Animal Behaviour Science*. 117:1-12.
- Plesch, G. 2011. Cleanliness versus cow comfort – an insolvable problem?: The influence of cubicle design, management and cow sizes on lying comfort and udder cleanliness in Holstein Friesian dairy cows. Dissertation. Faculty of Organic Agriculture. University of Kassel. Kassel.
- Popescu, S., C. Borda, E. A. Diugan, M. Spinu, I. S. Groza, and C. D. Sandru. 2013. Dairy cows welfare quality in tie-stall housing system with or without access to exercise. *Acta Veterinaria Scandinavica*. 55(1):43-53.
- Putra, R. A. dan V. Hendrita. 2019. Kajian sistem pengelolaan usaha peternakan sapi potong di Kabupaten Sijunjung. *Journal of Livestock and Animal Health*. 2(2):34-39.
- Robichaud, M. V., A. M. D. Passillé, D. Pellerin, and J. Rushen. 2011. When and where do dairy cows defecate and urinate? *J. Dairy Sci*. 94:4889–4896.
- Roy, B. 1996. *Multicriteria Methodology for Decision Aiding*. Kluwer Academic. Dordrecht.
- Saiya, H. V. 2014. Respon fisiologis Sapi Bali terhadap perubahan cuaca di Kabupaten Merauke Papua. *Agricola*. 4(1):22-32.
- Scientific Committee on Animal Health and Animal Welfare. 2001. The Welfare of Cattle kept for Beef Production. Available at: <https://orgprints.org/id/eprint/742/> Accession date: January 2nd 2022.
- Sejian, V., R. Lal., and J. Lakritz. 2011. Assesment methods and indicators of animal welfare. *Asian Journal of Animal and Veterinary Advances*. 6(4):301-315.
- Spigarelli, C., A. Zuliani, M. Battini, S. Mattiello, and S. Bovolenta. 2020. Welfare assessment on pasture: a review on animal-based measures for ruminants. *Animals*. 10(4):609-629.
- Stowell, R. R., and S. Inglis. 2000. Sand for bedding. *Proc. Dairy Housing and Equipment systems: Managing and planning for profitability*. Plant and Life Sciences Publishing. Ithaca.

- Suherman, D., S. Muryanto, dan E. Sulistyowati. 2017. Evaluasi iklim mikro dalam kandang menggunakan tinggi atap kandang berbeda yang berkaitan dengan respon fisiologis sapi bali dewasa di Kecamatan XIV Koto Kabupaten Mukomuko. *Jurnal Sain Peternakan Indonesia*. 12(4):397-410.
- Sullivan, K. and T. Madder. 2018. Managing heat stress episodes in confined cattle. *The Veterinary Clinics of North America - Food Animal Practice*. 34(2):325-339.
- Summer, A., I. Lora., P. Formaggioni, and F. Gottardo. 2019. Impact of heat stress on milk and meat production. *Animal Frontiers*. 9(1):39-46.
- Susanti, Y., D. S. Priyarsono, dan S. Mulatsih. 2014. Pengembangan peternakan sapi potong untuk peningkatan perekonomian Provinsi Jawa Tengah: suatu pendekatan perencanaan wilayah. *Jurnal Agribisnis Indonesia*. 2(2):177-190.
- Takahagi, E. 2000. Fuzzy Integral Calculation Site. Senshu University. Tersedia di: <http://www.isc.senshu-u.ac.jp/~thc0456/Efuzzyweb/> diakses pada Minggu, 13 Februari 2022.
- Tucker, C. B., M. B. Jensen, A. M. de Passillé, L. Hänninen, and J. Rushen. 2021. Invited review: lying time and the welfare of dairy cows. *Journal of Dairy Science*. 104(1):20-46.
- Villalba, J. J. 2016. *Animal Welfare in Extensive Production System*. 5M Publishing. Sheffield.
- YÜKSEL, S. 2019. Effects of housing condition, feeding style, and age on fattening performances, comfort, and some slaughterhouse characteristics in Eastern Anatolian Red bulls. *Turkish Journal of Veterinary and Animal Sciences*. 43(5):650-655.