

BAB VI

DAFTAR PUSTAKA

- Adenkola, A. Y dan Ayo. 2010. Physiological and Behavioural Responses of Livestock to Road Transportation Stress : A Review. *African Journal of Biotechnology*
- Al-Haidary. A. A. 2004. “Physiological Responses Of Naimey Sheep To Heat Stress Challenge Under Semi-Arid Environments”. *International of Agriculture and Biology*. 06: 307– 309.
- Alhusin, S. 2003. *Aplikasi Statistik dengan SPSS 10 for Windows*. Yogyakarta: Graha Ilmu.
- Ambore B, Ravikanth K, Maini S, Rekhe DS. 2009. Haematological profile and growth performance of goats under transportation stress. *Veterinary World* 2(5): 195–198. <https://doi.org/10.5455/vetworld.2009.195198>
- Andoko, A. dan Warsito. 2013. *Beternak Kambing Unggul. Cetakan I*. AgroMedia Pustaka, Jakarta.
- Anggadiredja, J.T., A. Zاتمika, H. Purwoto dan S. Istini. 2006. *Rumput Laut*, Penebar Swadaya, Jakarta
- Ariana T.I.N., Lindawati, S.A., Oka, A.A., 2013, “Status Fisiologi Babi Yang Diberi Larutan Oralit Selama Penundaan Waktu Pematangan”, Bali, *MAJALAH ILMIAH PETERNAKAN • Volume 16 Nomor 1 Tahun 2013*
- Astuti P, Kusumawati A, Airin CM, Maheshwari H, & Sjahfirdi L. 2010. “Physiological response of bligon buck to transportation/ : relation to level of thyroid hormone”. *Jurnal Veteriner* 11(2): 87–91
- Astuti, A., Erwanto, dan P. E. Santosa. 2015. “Pengaruh cara pemberian konsentrat – hijauan terhadap respon fisiologis dan perforam sapi Peranakan Simental”. *Jurnal Ilmiah Peternakan Terpadu* 3(4):201–7.

- Battaglia, R.A. dan Mayrose, V.B. 1981. *Handbook of Livestock Management Techniques*. Minneapolis : Burgess Publishing Company
- Borges. S. A., A. V. Fischer da Silva.,A. Majorka., D. M. Hooge dan K. R. Cummings. 2004. “Physiological Responses of Broiler Chickens to Heat Stress and Dietary Electrolyte Balance (Sodium Plus Potassium Minus Chloride, Milliequivalents Per Kilogram)”. *Poultry Science* 83 (1):1551–155
- Budhiyanti, S.A., S. Raharjo, W. Djagal, Marseno, and I.Y.B. Lelana. 2011. “Free radical scavenging, metal chelating and singlet oxygen quenching activity of fractionated brown seaweed *Sargassumhystrix* extract”. *Journal of Biological Sciences*. 11(4): 288-298.
- Combs, Jr., G. F. 1992. *The Vitamins: Fundamental Aspects in Nutrition and Health*. Academic Press In
- Cook CJ, Mellor DJ, Harris PJ, Ingram JR, Matthews LR. 2000. Hands-on and handsoff measurement of stress In: Moberg GP, Mench JA, editors. *The biology of animal stress: basic principles and implications for animal welfare*. CAB International, p.123. CAB International 123.
- Costa LN. 2009. Short-term stress: the case of transport and slaughter. *Italian Journal of Animal Science*, 8(sup1): 241–252. [https:// doi.org/10.4081/ijas.2009.s1.24](https://doi.org/10.4081/ijas.2009.s1.24)
- Davis, A.K., Maney., D.L., Maerz, J.C. 2008. “The use of leukocyte profiles to measure stress in vertebrates: a review for ecologists”. *Journal Functional Ecology* 2008, 22, 760–772
- Dewanti. A. C., P. E.Santosa dan K. Nova. 2014 . “Pengaruh berbagai jenis bahan litter terhadap respon fisiologis broiler fase finisher di closed house”. *Jurnal Ilmiah Peternakan Terpadu*. 2 (3) : 81 – 87

- Dhabhar, F.S., Miller, A.H., McEween, B.S., Spencer, R.L.1996. “Stress induction changes in blood leucocyte distribution- Role of Adrenal Steroid Hormones”. *Journal of Immunology*, 157, 1638 – 1644.
- Dukes. 1985. *Physiology of Domestic Animal*. Comstock Publishing New York University Collage. Camel.
- Dunn AJ. 1989. Psychoneuroimmunology for the psychoneuroendocrinologist: A review of animal studies of nervous system-immune system interactions. *Psychoneuroendocrinology* 14(4): 251–274.
- Engler H, Bailey MT, Engler A, Sheridan JF. 2004. Effects of repeated social stress on leukocyte distribution in bone marrow, peripheral blood and spleen. *Journal of Neuroimmunology* 148(1–2): 106–115.
- Fazio, E. dan A. Ferlazzo. 2003. “Evaluation Of Stres During Transport”. *Vet. Res. Commun.* 27: 519-524.
- Ferdhyanti, Ulfa. 2019. *Teknik Hitung Leukosit dan Eritrosit Urin*. Ponorogo :Uwais Inspirasi Indonesia
- Frandsen, R.D. 1996. *Anatomi dan Fisiologi Ternak*. Gajah mada University Press. Yogyakarta.
- Ginting, N. 2006. *Komunikasi Pribadi Tentang Bobot Badan Pada Sapi Potong Akibat Pengangkutan*. Penebar Swadaya, Jakarta
- Grandin T. 1997. Assessment of stress during handling and transport. *Journal Animal Science* 75:249-257.
- Guyton, A.C. and Hall, J.E. 1991. *Textbook of Medical Physiology*. Philadelphia : W.B. Saunders Company, Harcourt Brace Javanovic, Inc.

- Hanhineva, K., Törrönen. R., Bondia-Pons. I., Pekkinen, I., Kolehmainen, M., Mykkänen, H. 2010, "Impact of Dietary Polyphenols on Carbohydrate Metabolism". *International Journal of Molecular Sciences*, 2: 1365-1402
- Hapsari I. N., P.E.Santosa dan Riyanti. 2016. "Perbedaan sistem brooding konvensional dan sistem brooding thermos terhadap respon fisiologis broiler". *Jurnal Ilmiah Peternakan Terpadu*. 4 (3) : 237-243.
- Hart, H., L.E. Craine, and D.J. Hart. 2003. *Kimia Organik*. Jakarta : Erlangga
- Herbut, P dan S. Angrecka. 2012. Forming of temperature-humidity index (THI) and milk production of cows in the free-stall barn during the periode of summer heat. *Anim. Sci. Papers and Report*. 30(4) : 363-372.
- Husnu G,. 2012. Pengaruh Pemberian Asam Askorbat Terhadap Status Faali Serta Upaya Mengurangi Penyusutan Bobot Badan Sapi Bali Selama Transportasi . Bandung, *IJAS Vol. 2 Nomor 1 Hal; 4-5*
- Ilham, N. dan Y. Yusdja. 2004. *Sistem Transportasi Perdagangan Ternak Sapi dan Implikasi Kebijakan di Indonesia*. Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian. Bogor.
- Jain NC. 1993. *Essentials of Veterinary Hemathology*. Philadelphia (US): Lea & Febiger.
- Kannan G, Terrill TH, Kouakou B, Gazal OS, Gelaye S. 2000. Transportation of goats: effects on physiological stress responses and live weight loss: *Journal of Animal Science*. 78(6): 1450-1457.
- Karnadi, J. 1999. *Stres dalam Kehidupan Sehari-hari, Cermin Dunia Kedokteran*. 123 : 20.

- Kasanah, N., Triyanto S., Ismi, T.T. 2018. *Rumput Laut Indonesia : Keranekaragaman Rumput laut di Gunung Kidul Yogyakarta*. Yogyakarta : Gadjah Mada University Press.
- Kim CY, Han CS, Suzuki T, Han SS. 2005. "Indirect indicator of stress in hematological values in newly acquired cynomolgus monkeys". *Journal of Medical Primatologi*. 34(4): 188-192.
- Kordi, M, G, H. 2011. *Kiat Sukses Budidaya Rumput Laut Di Laut Dan Tambak*. Yogyakarta: Kanisius.
- Kuswati, T.S. dan Winarto, P.S., 2013. *Agribisnis Kambing*. UB Press, Malang
- Lasmi, I. 1988. Analisis Transportasi Sapi Potong Dari Daerah Tingkat II Kabupaten Lamongan Ke DKI Jakarta. Skripsi. Fakultas Peternakan, Institut Pertanian Bogor, Bogor.
- Lay, Jr. D. C., T. H. Friend, R. D. Randel, C. L. Bowers, K. K. Grissom, dan O.C. Jenkins. 1992. "Behavioural And Physiological Effects Of Freeze And Hot Iron Branding On Crossbred Cattle". *J. Anim. Sci.* 70: 330-339
- Lee, J., N. Koo, and D.B. Min. 2004. "Reactive oxygen species, aging, and antioxidative nutrients". *Comprehensive Reviews in Food Science and Food Safety*. 3: 21-33.
- Lin. H., H. F. Zhang., R Du., X. H. Gu., Z. Y. Zhang., J. Buyse dan E. Decuyper. 2005. "Thermoregulation responses of broiler chickens to humidity at different ambient temperatures. II. Four Weeks of Age". *Poultry Science* 84 (1) :1173-1178
- Maheshwari H., Yulnawati Y, Esfandiari A, Andriyanto A, Andriani MD, Khovifah A. 2013. "Profiles of Cortisol, Triiodothyronine, Thyroxine and Neutrophil/Lymphocyte Ratio as Stress Indicators in Swamp Buffaloes 15 Days Post-Transportation". *Media Peternakan* 36(2): 106-112.

- Manteca X. 2008. *Physiology and disease. Spain (SP): CAB International. Long Distance Transport and Welfare of Farm Animals* London. CABI hlm.69-76.
- Marai I. F. M, A. A. El-Darawany A. Fadiel M. A. M Abdel-Hafez. 2007. "Physiological Traits As Affected By Heat Stress In Sheep". *Small Ruminant Research. (Egypt) 71: 1-12*.
- Marzuki A., Udin A.R.A., Arifin J., 2015. "Manajemen Waktu Pengangkutan Dalam Meminimalisir Penyusutan Bobot Badan Ayam Broiler". Jember. *Jurnal Ilmiah INOVASI, Vol. 15 No.1, Hal. 14-19, Januari – April 2015, ISSN 1411-5549*
- McDowell RE, Jones RG, Pant HG, Roy A, Siegenthaler EJ, Stouffer JR. 1970. *Improvement of Livestok Production in Warm Climates*. San Francisco (US): Freeman and Company.
- Minka, N. S and Ayo, J. O. 2010. "Physiological Responses of Erythrocytes of Goats to Transportation and the Mondulatory Role of Ascorbic Acid". *J.Vet. Med. Sci. 72: 875-881*.
- Mushawwir A dan D.Latipudin. 2011. ""Respon fisiologis thermoregulasi ayam ras petelur fase grower dan layer". *Prosiding Seminar Nasional ISAA, Fakultas Peternakan dan Pertanian. Universitas Diponegoro. Semarang*
- Mushawwir, A. 2014. *Biokimia Nutrisi*. Widya padjadjaran, Bandung.
- Munifah, I. 2008. "Prospek Pemanfaatan Alga Laut Untuk Industri". *Squalen Buletin Pasca panen dan Bioteknologi Kelautan dan Perikanan. Vol 3. No.2. 58-62*
- Nangoy, F.J. 2012. "Kajian Penyusutan Berat Badan dan Peningkatan Suhu Tubuh Ayam Broiler Terimplemintasi Kurkuma (*Curcuma Longa*), Gula Aren (*Arenga Pinata*) Akibat Lama Transportasi". *IJS. Volume 2 Nomor 3. Universitas Sam Ratulangi*

- Nelvita T., Purnomoadi A., Rianto E., 2018. “Pemulihan Kondisi Fisiologis, Konsumsi Pakan dan Bobot Badan Domba Ekor Tipis pada Umur Muda dan Dewasa Pasca Transportasi pada Siang Hari”. Semarang, *Jurnal Sain Peternakan Indonesia* 13 (4) 2018 Edisi Oktober-Desember 337-342
- Nur’aini L.S., Husni A., Airin C.M., 2018, “Effect of *Sargassum Hystrix* Extracts on Weight and Blood Biochemical Profile of Wistar Rats Under Condition of Swimming Stress and Fasting”. Yogyakarta. *Proceeding of the 2nd International Conference on Tropical Agriculture*
- Nurmawan I.C., Sarjana T.A., Wahyuni H.I., 2017, “Pengaruh Jarak Transportasi Terhadap Respon Fisiologis Ayam Broiler”. Semarang. *Prosiding Seminar Teknologi dan Agribisnis Peternakan V: Teknologi dan Agribisnis Peternakan untuk Mendukung Ketahanan Pangan, Fakultas Peternakan Universitas Jenderal Soedirman 18 November*
- Nwe, T.M., E. Hori, M. Manda, dan S. Watanabe. 1996. “Significance Of Catecholamines And Cortisol Levels In Blood During Transportation Stress In Goats”. *Small Ruminant. Res.* 20: 129–135.
- Padua L. S, Bunyapraphatsara N, RHMJ. 1999. *Medicinal dan poisonous plants 1. Plant Resources of South-East Asia* 12 (1). Bogor Indonesia 274-275.
- Pakidi C.S., Suwoyo H.S., 2017, “Potensi Dan Pemanfaatan Bahan Aktif Alga Cokelat *Sargassum* sp”. Papua, *Jurnal Ilmu Perikanan Octopus Volume 6, Nomor 1, Juni*
- Phillips C. 2002. *Cattle Behaviour and Welfare*. UK : Blackwell Publishing
- Qisthon A dan Hartono M. 2018. “Respon Fisiologis Dan Ketahanan Panas Kambing Boerawa Dan Peranakan Ettawa Pada Modifikasi Iklim Mikro Kandang Melalui Pengkabutan”. Lampung., *Jurnal Ilmiah Peternakan Terpadu Vol. 7(1): 206 - 211, Maret 2019*

- Ramadhan, A.F., Dartosukarno, S., Purnomoadi, A., 2017. “Pengaruh Pemberian Ekstrak Vitmin B Komplek Terhadap Pemulihan Fisiologi, Konsumsi Pakan Dan Bobot Badan Kambing Kacang Muda Dan Dewasa Pasca Transportasi”. Semarang, *MEDIAGRO Vol. 13 No. 1.(23-33)*
- Reece WO, Ericson HH, Goff JP, Uemura EE. 2015. *Duke’s Physiology of Domestic Animals. Ed ke-13*. London (GB): Wiley Blackwell
- Saeb M, Baghshani H, Nazifi S, Saeb S. 2010. “Physiological response of dromedary camels to road transportation in relation to circulating levels of cortisol, thyroid hormones and some serum biochemical parameters”. *Tropical Animal Health and Production 42(1): 55–63*
- Salasia, S. I. O dan B. Hariono. 2010. *Patologi Klinik Veteriner*. Samudra Biru. Yogyakarta.
- Santos, A.C.G, Yamin, M., Priyanto, R. dan maheshwari. 2019. “Respon Fisiologi Domba pada Sistem Pemeliharaan dan Pemberian Jenis Konsentrat Berbeda”. Bogor. *Jurnal Ilmu Produksi dan teknologi hasil Pertanian*
- Santosa U, Tanuwira U, Yulianti A, Suryadi U. 2012. “Pemanfaatan Kromium Organik Limbah Penyamakan Kulit untuk Mengurangi Stres Transportasi dan Memperpendek Periode Pemulihan pada Sapi Potong”. *JITV. vol 17. No 2. 132-141*
- Scharf, B., J.A. Carroll, D.G. Riley, C.C. Chase, Jr., S.W. Coleman, D.H. Keisler, R.L. Weaber dan D.E. Spiers. 2010. “Evaluation Of Physiological And Blood Serum Differences In Heat-Tolerant (Romosinuano) And HeatSusceptible (Angus) Bos Taurus Cattle During Controlled Heat Challenge”. *J. Anim. Sci. 88: 2321-2336*.
- Smith JB, Mangkoewidjojo S. 1998. *Pemeliharaan, Pembiakan dan Penggunaan Hewan Percobaan di Daerah Tropis*. Jakarta (ID): Universitas

- Suherman, d., B. P. Purwanto., W. Manalu dan I. G. Permana. 2013. “Simulasi Artificial Neural Network Untuk Menentukan Suhu Kritis Pada Sapi Fries Holland Berdasarkan Respon Fisiologi”. *Jurnal Ilmu Ternak dan Veteranier*. 18 (1): 70-80.
- Suryadi, U., Santosa, U., Tanuwiria H U. 2011. *Strategi Eliminasi Stres Transportasi pada Sapi Potong Menggunakan Kromium Organik*. Unpad Press
- Susanto, A dan Maloedyn S. 2015. *Beternak kambing*. PT AgroMedia Pustaka: Jakarta Selatan.
- Syukur, A dan B. Suharno. 2016. *Bisnis Pembibitan Kambing*. Cetakan I. Penebar Swadaya, Depok.
- Tillman. A.D. 1983. *Ilmu Makanan Ternak Dasar*. Gadjah Mada University Press. Yogyakarta.
- Weiss DJ, Wardrop KJ, editor. 2010. *Schalm's Veterinary Hematology. Ed ke-6*. Iowa (US): WileyBlackwell.
- Wijayanti R P, Busono W, Indrawati R. 2011. “Pengaruh Suhu Kandang Yang Berbeda Terhadap Performans Ayam Pedaging Periode Starter. Laporan Penelitian. Malang: University of Brawijaya
- Yuwanta T. 2004. *Dasar Ternak Unggas*. Kanisius. Yogyakarta
- Zhang, J., Z. He, H. Tian, G. Zhu and X. Peng. 2007. “Identification of Aluminium-Responsive Genes In Rice Cultivars With Deferent Aluminium Sensitivities”. *Exp. Bot.* 58:2268-2278.