

## DAFTAR PUSTAKA

- Amaral-Philips D.M. and Heersche G. Jr. 1997. Role of Nutrition on Reproductive Performance. *www2.Ca.Uky.Edu/Agc/Pubs/Asc/Asc138: 1-3* diakses pada tanggal 18 Februari 2019
- Anonim. 2009. *Pakan Konsentrat Bagian-2 Sapi Potong*. Badan Standar Nasional Indonesia 3148.2:2009.
- Anonim. 2017. *Populasi dan Produksi Peternakan di Indonesia*. Pusat Data dan Informasi Pertanian Kementerian Pertanian. Direktorat Jendral Peternakan Dan Kesehatan Hewan.
- Arifin, Z. 2008. Beberapa Unsur Mineral Esensial Mikro dalam Sistem Biologi dan Metode Analisisnya. *Jurnal Litbang Pertanian*. 27 (3): 99-105.
- Arthur, G. H., Noakes, D.E. 1996. *Arthur's Veterinary Reproduction and Obstetrics*. USA: W.B. Saunders.
- Arthur Gh, David En, Pearson H. 2001. *Veterinary Reproduction and Obstetrics 8<sup>th</sup> Ed*. London: Balliere Tindall.
- Arthur, G., Noakes, D., Parkinson, T., England, G.C.W. 2005. *Arthur's Veterinary Reproduction and Obstetrics*, Eight Edition Saunders.
- Azis, A. 1993. *Strategi Operasional Pengembangan Agroindustri Sapi Potong*. Agroindustri Sapi Potong: Prospek Pengembangan pada Pembangunan Jangka Panjang II PA. Jakarta: CIDES, UC.
- Ball, P., Peters, A. 2004. *Reproduction in Cattle*. Oxford: Blackwell Publishing.
- Bearden, H. F. 1984. *Applied Aimal Reproduction*. New Jersey: Person Prentice Hall.
- Bearden, H. F. 2004. *Applied Aimal Reproduction Sixth Edition*. New Jersey: Person Prentice Hall.
- Bergfeld, E.G.M., Kojima, F.N., Cupp, A.S., Wehrman, M.E., Peters, K.E., Garcia-Winder. M. And Kinder, J.E. 1994. Ovarian Follicular Development in Prepubertal Heifers in Influenced by Level of Dietary Energy Intake. *Biol. Reprod.*, 51: 1051-1057.
- Bindari, Y.R., Sulochana, S., Nabaraj, S and Tara, N.G. 2013. Effects of Nutrition on Reproduction- A Review. *Pelagia Research Library Advances in Applied Science Research*, 4(1):421-429.
- Blakely, J and Bade, D.H. 1998. *Ilmu Peternakan Edisi Keempat*. Yogyakarta: Gadjah Mada University Press.

- Budiawan, A., Ihsan, M.N., Wahjuningsih, S. 2015. Hubungan *Body Condition Score* terhadap *Service per Conception* dan *Calving Interval* Sapi Potong Peranakan Ongole di Kecamatan Babat Kabupaten Lamongan. *J. Ternak Tropika* Vol. 16, No.1: 34-40.
- Chaudhary S and Singh A. 2004. Role of Nutrition in Reproduction: A Review. *Intas Polivet* vol. 5: 229-234.
- Clark, J.H., Beede, D.K., Erdman, R.A., Goff, J.P., Grummer, R.R., Linn, James G., Pell, A.N., Schwab, C.G., Tomkins, T., Varga, G.A., And Weiss, W.P. 2001. *Nutrient Requirements of Dairy Cattle: Seventh Revised Edition*. Washington D.C: National Academy Press
- Crowe, M. A. 2017. Reproductive Management in Dairy Cow the Future. *Irish Veterinary Journal*, 71(1):1-13.
- Cunningham, J.G., Klein, B.G. 2007. *Textbook of Veterinary Physiology*. Elsevier Science Health Science Division.
- Darmono. 2007. Penyakit Defisiensi Mineral pada Ternak Ruminansia dan Upaya Pencegahannya. *Journal Litbang Pertanian* 26 (3): 104-108.
- Dharmayudha, A.A.G.O., Anthara, M.S., Sukana, I.M., Ardana, I.B.K. 2019. Pelayanan Kesehatan dan Pemberantasan Penyakit Ternak Sapi Bali dalam Mendukung Program Swasembada Daging Sapi di Desa Buruan, Blahbatuh, Gianyar. *Buletin Udayana Mengabdi* Vol 18(1):95-98.
- Diskin, M., Kenny, D. 2016. Managing the Reproductive Performance of Beef Cows. *Theriogenology Journal* 86(1): 379-387.
- Feradis. 2010. *Bioteknologi Reproduksi pada Ternak*. Bandung: Alfabeta.
- Fikar, S., Ruhyadi, D. 2012. *Beternak dan Berbisnis Sapi Potong*. Jakarta: Agromedia.
- Frandsen, R.D. 1992. *Anatomi dan Fisiologi Ternak Edisi 4*. Yogyakarta: Gadjah Mada University Press.
- Frandsen, R.D., Wilke, W.L. and Fails, A.D. 2003. *Anatomy and Physiology of Farm Animal 7<sup>th</sup> Edition*. Lippincott Williams and Wilkins. Philadelphia. 395-404.
- Frandsen, R. W. 2009. *Anatomy and Physiology of Farm 7<sup>th</sup> Edition*. USA: Willey-Blackwell.
- Goff J.P., Howard, J.L., Smith, R.A. 1998. *Phosphorus Deficiency in Current Veterinary Therapy 4: Food Animal Practice*. Eds. Philadelphia: W.B. Saunders, Co: 218-220.
- Gong, J.G. 2002. Influence of Metabolic Hormones and Nutrition on Ovarian Follicle Development in Cattle: Practical Implications. *Elsevier* vol. 23 (1-2): 229-241.

- Gordon, I. 2003. *Laboratory Production of Cattle Embryos 2<sup>nd</sup> Edition*. Cabi Publishing, Willingford Uk.
- Gustiani, E., Yayan, R., dan Sukmaya. 2014. Kajian Pemberian Pakan Tambahan terhadap Produktivitas Sapi PO di Kabupaten Subang. *Agros* vol. 16 (2): 248-257.
- Hadi, P.U. dan Ilham, N. 2002. Problem dan Prospek pengembangan Usaha Pembibitan Sapi Potong di Indonesia. *Jurnal Penelitian dan Pengembangan* vol. 21(4):148-157.
- Hafez, E. 1980. *Reproduction in Farm Animals*. Philadelphia: Lea and Febinger.
- Hafez, E. 1993. *Hormones, Growth Factor, and Reproduction*. In: *The Reproduction in Farm Animal 6<sup>th</sup> Edition*. Philadelphia: Lea and Fibiger.
- Hafez, E. 2000. *Reproduction in Farm Animal 7<sup>th</sup> Edition*. Philadelphia: Lea and Fibiger.
- Hardjopranjoto, S. 1995. Ilmu Kemajiran pad Ternak. Airlangga University Press, Surabaya.
- Hardjosubronto, W. 1994. Aplikasi Pemuliabiakan Ternak di Lapangan. Jakarta: Grasindo.
- Heryadi, A.Y., Zali, M. 2017. Konsumsi Daging Sapi di Pamekasan. *Seminar Nasional Peternakan*
- Houston, M. J. 2004. *Igf and Nutrition in Healh and Disease*. New York: Springer.
- Ismudiono, Srianto, P., Anwar, H., Madyawati, S.P., Samik, A., dan Safitri, E. 2010. *Fisiologi Reproduksi pada Ternak*. Surabaya: Airlangga University Press.
- Iskandar 2011. Performa Reproduksi Sapi PO pada Dataran Rendah dan Dataran Tinggi di Provinsi Jambi. *J. Ilmu Ilmiah Peternakan* vol 14(1): 51-61.
- Kellog, W. 2008. *Body Condition Scoring with Dairy Cattle*. Division of Agriculture: University of Arkansas.
- Khalil, R., Yulianti, F.K., Ferawati. 2017. Perbaikan Teknologi Pakan Untuk Menjaga Keutuhan Kelompok Tani Penerima Bantuan Ternak Sapi di Kabupaten Tanah Datar dan Kota Payakumbuh, Sumatera Barat. *Jurnal Ilmiah Pengabdian Kepada Masyarakat* Vol 3 (1): 40-51.
- Kumar, S. 2003. Management of Infertility due to Mineral Deficiency in Dairy Animals. In: *Proceedings of Icar Summer Scholl On "Advanve Diagnostic Techniques and Therapeutic Approaches to Metabolic And*

*Deficiency Diseases In Dairy Animals” Held At Ivri, Izatnagar, Up: 128-137. (15<sup>th</sup> July- 4<sup>th</sup> Aug)*

- Lamid, M., Nurhajati, T., Wahjuni, R.S. 2014. Potensi Konsentrat Plus Untuk Penggemukan Sapi Potong di Kelompok Ternak Harapan Mulya dan Kelompok Tani Ternak Jaya Mulya di Kabupaten Bangkalan-Madura. *J. Agr Vet* vol 3 (1): 1-7.
- Liyanan, Elis S., Kusbiantoro, B. 2015. Kandungan Unsur Mineral Seng (Zn), Bioavailabilitas dan Biofortifikasinya dalam Beras. *Jurnal Sungkai* vol. 3(2): 65-73.
- Marume U., Kusina N.T., Hamudikuwanda H., Ndengu M., Nyoni O. 2014. Effect of. Dry Season Nutritional Supplementation an Fertility in bulls In Sanyati Smallholder Farming Area Zimbabwe. *Afr J Agric Res* 9(1): 34-41.
- McDonald, P., Edward, R.A., Greenhalgh, J.F.D., Morgan, C.A. 2010. *Animal Nutrition 6<sup>th</sup> Edition*. Ashford Color Pr., Gosport.
- McCosker, K. 2013. *Body Condition Score of Beef Cattle*. Queensland: Katherine Research Station.
- Morrow, D.A. 1980. *The Role of Nutrition in Dairy Cattle Reproduction. Cunent Theraphy In Theriogenology*. W.B. Saunders Company: 449-455.
- Murtidjo, B.A. 2012. *Sapi Potong*. Yogyakarta: Penerbit Kanisius.
- Noakes, D. P. 2001. *Arthur’s Veterinary Reproduction and Obstetries*. USA: W.B. Saunders.
- Ogren, G. 2013. *Phosphorus to Horses and Cows*. Departement of Animal Nutrition and Management Swedish University of Agricultural Science Uppsala: 10-22.
- Parakkasi, A. 1995. Ilmu Nutrisi dan Makanan Ternak Ruminanan. Jakarta: UI Press.
- Partodihardjo, S. 1987. Ilmu Reproduksi Hewan. Jakarta: Mutiara Sumber Daya.
- Partodihardjo, S. 1980. Ilmu Reproduksi Hewan. Jakarta: Penerbit Angkasa.
- Partodihardjo, S. 1992. Ilmu Reproduksi Hewan. Jakarta: Mutiara Sumber Widya.
- Piliang, W.G. 2002. *Nutrisi Mineral Edisi Kelima*. Pusat antar Universitas. Bogor: IPB Press.
- Pizzuti, L.A.D., Filho, D.C.A., Brondani, L.L. 2012. Development and Reproductive Performance of Beef Heifers Supplemented with Brown

- Rice Meal and/or Protected Fat on Temperate Grasslands. *R. Bras. Zootec.*, vol.41(10): 2263-2271.
- Prabowo. 2010. *Body Condition Score (Bcs) dan Status Reproduksi*. Bahan Ajar Kuliah. Bagian Reproduksi dan Obstetri FKH UGM. Yogyakarta.
- Pradhan, R. Nakagoshi, N. 2008. Reproductive Disorders in Cattle Due to Nutritional Status. *Journal of Inter Dev and Coop* 14:45-66.
- Purwasih, R., Setiatin, E.T., Samsudewa, D. 2014. The Effect of Anredera Cordifolia (Ten.) Steenis supplementation on Uterine Involution Process Evaluated by Oestrus Post Partum Behavior and Fertility. *Jitaa*. 39(1):17-22.
- Putra, P.C., Suwiti, N.K., Ardana, I.B.K. 2016. Suplementasi Mineral pada Pakan Sapi Bali terhadap Differensial Leukosit di Empat tipe Lahan. *Buletin Veteriner Udayanavolume* 8 No. 1: 8-16.
- Putro, P.P. 2010. Teknik Sinkronisasi Estrus pada Sapi. Buku Ajar. Bagian Reproduksi dan Obstetri. Fakultas Kedokteran Hewan. Yogyakarta: Universitas Gadjah Mada.
- Rao, T.K.S., Kumar, N., Kumar, P., Chaurasia, S., Patel, N.B. 2013. Heat Detection Techniques in Cattle and Buffalo. *Vet World* 6(6): 363-369.
- Rasbi, R. F. 2016. Invited Review: Nutrition and Management of Cows: Supplementation and Feed Additive. *Sciencedirect Journal* , 32(2): 135-144.
- Rasby, R.J., Stalker, A., Funston, R.N. 2014. *Body Condition Scoring Beef Cows: A Tool for Managing the Nutrition Program for Beef Herds*. United States: Lincoln Extension.
- Rasyid, A., Efendi, J., Mariyono. 2012. Sistem Pembibitan Sapi Potong dengan Kandang Kelompok. Badan Penelitian dan Pengembangan Pertanian Kementrian Pertanian. Jakarta: IAARD Press.
- Retnawati, D.W. 2017. *Gambaran Mineral Ca, P, Mg dan K Terhadap Kasus Distokia, Retensi Plasenta Dan Anestrus pada Sapi Betina Peranakan Friesian Holstein (PFH) Di Kampung Arang, Kecamatan Cibodas, Kabupaten Lembang*. Tesis. Universitas Gadjah Mada.
- Robert, S., Youngquist, Walter, R., Threlfall. 2006. *Current Therapy in Large Animal Theriogenology*. United States: Saunders Elsevier. 446-447.
- Schatten, H. Constantinescu, G.M. 2007. *Comparative Reproductive Biology*. USA: Blackwell Publishing.
- Senger, Philip, L. 2003. *Pathways to Pregnancy and Parturition 2<sup>nd</sup> Revised Edition*. Washington. USA.

- Sharma Mc, Kumar, P., Kaur, H. 2006. State of Serum Minerals and Biochemical Paramaters in Cattle of Organized Farms and Unorganized Farms of Western Uttar Pradesh. *Asian Journal of Animal and Veterinary Advances* 1(1): 33-34.
- Sharman, M. C., Chinmay, J., Sarker, T.K. 2002. Therapeutic Efficacy of Minerals Supplement in Macro-Mineral Deficient Buffaloes and Its Effect on Haematobiochemichal Profile and Production. *Asian-Aust. J. Anim. Sci.* Vol 15, No. 9: 1278-1287.
- Silvy, N.J. 2012. *The Wildlife Technique Manual*. Baltimore: The Johns Hopkins University Press 506.
- Sukandar, A., Purwanto, B., Anggraeni, A. 2008. Keragaan Body Condition Score Dan Produksi Susu Sapi Perah Friesian-Holstein Di Peternakan Rakyat Kpsbu Lembang, Bandung. *Seminar Nasional Teknologi Teknologi Peternakan Dan Veteriner. Fakultas Peternakan. Institut Pertanian Bogor: Bogor*.
- Sumiyoshi, T., Tanako dan Kamomae, H. 2014. Relationship Between the Appearances and Changes of Estrus Signs and Estradiol Peak, Luteiniing Hormone Surge and Ovulation During the Periovolatory Period in Laboratory DairyKKept in Tie-Stalls. *Journal of Reproduction and Development*. 60 (2), 106-114.
- Susilawati, T. 2017. *Sapi Lokal Indonesia (Jawa Timur dan Bali)*. Malang: UB Press.
- Suthar, V., Dharni, A.J. 2010. Estrus Detection Methods in Buffalo. *J. Veterinary World* 3(2):94-96.
- Sutiyono, Daud, S., Alam, S. 2017. Identifikasi Gangguan Reproduksi Sapi Betina di Peternakan Rakyat. *Jurnal Veteriner* vol. 18(4):580-588.
- Suttle, N. F. 2010. *Mineral Nutrition of Livestock: 4<sup>th</sup> Edition*. United Kingdom: Cabi.
- Suyasa, S.G., Yasa, R. 2003. Teknologi Flushing pada Induk Sapi Bali untuk Meningkatkan Berat Lahir dan Berat Sapih Pedet. *Prosiding Seminar Nasional*.
- Tillman, A.D., Hartadi, H., Reksohadiprojo, Prawirikusumodan, S., Lebdosoekojo. 1998. *Ilmu Makanan Ternak Dasar Cetakan Keempat*. Yogyakarta: Gadjah Mada University Press.
- Toelihere, M.R. 1981. *Fisiologi Reproduksi pada Ternak*. Bandung: Penerbit Angkasa.
- Toelihere, M.R. 1985. *Ilmu Kebidanan pada Ternak Sapi dan Kerbau*. Jakarta: Universitas Indonesia (UI-Press).



- Trifena., Budisatria, I. G. S., Hartatik, T. 2011. Perubahan Fenotip Sapi Peranakan Ongole, SimPO, dan LimPO pada Keturunan Pertama dan Keturunan Kedua (Backcross). *Buletin Pertanian*. 35(1): 11-16.
- Underwood E. J. and Suttke, N.F. 1999. *The Mneral Nutrition of Livestock 3<sup>rd</sup> Edition*. Cab International. United Kingdom: Wallingford. 105-185.
- Underwood, E.J., Suttle, N.F. 2001. *The Mineral Nutrition of Livestock 3<sup>rd</sup> Edition*. New York: Cabi Publishing.
- Underwood, E.J., Suttle, N.F. 2001. *The Mineral Nutrition of Livestock 3<sup>rd</sup> Edition*. New York: Cabi Publishing.
- Yaremcio, B., Engstrom, D.F., Mathison, G.W., Caine, W.R. 2009. Effect of Ammoniation on the Preservation and Feeding value of Barley Grain for Growing-Finishing Cattle. *Journal Animal Sains* 71:439-455.
- Yasothai, R. 2014. Importance of Minerals on Reproduction in Dairy Cattle. Review Article. *International Journal of Science, Environment and Technology* vol. 3(6):2051-2057.
- Yendraliza. 2013. Pengaturan Nutrisi dalam Pengelolaan Reproduksi Ternak (Studi Literatur). *Kutubkhanah* vol 16(1).