

## DAFTAR PUSTAKA

- Ahmadzadeh A, Carnahan K, Autran C. 2011. Understanding puberty and postpartum anestrus. *Proceedings Applied Reproductive Strategies in Beef Cattle September 30 – October 1, Boise, ID*.
- Astuti. 2004. Potensi dan Keragaman Sumberdaya Genetik Sapi Peranakan Ongole (PO). *Wartazoa Vol.14 No.3:98-106*
- Badan Pusat Statistik. 2017. Jumlah Populasi Ternak (Ekor), 2016-2017. <https://kulonprogokab.bps.go.id/indicator/154/353/1/jumlah-populasi-ternak.html>. Diakses pada 28 Maret 2021
- Badan Pusat Statistik. 2020. Produksi Daging Sapi menurut Provinsi (Ton), 2018-2020. <https://www.bps.go.id/indicator/24/480/1/produksi-daging-sapi-menurut-provinsi.html>. Diakses pada 28 Maret 2021
- Badan Pusat Statistik. 2020. *Kabupaten Kulon Progo Dalam Angka 2020*. BPS Kabupaten Kulon Progo
- Baliarti, E., Atmoko, B.A., Ariyanti, F., Ngadiono, N., Budisatria, I.G.S., Panjono., Widi, T.S.M., Yulianto, M.D.E. 2017. Postpartum Oestrus Variation of Local Cows at a Village Breeding Centre in Yogyakarta, Indonesia. *Proceeding of the 1st International Conference on Tropical Agriculture*
- Ball, P.J., Peter, A. 2004. *Reproduction in Cattle 3<sup>rd</sup> edition*. USA: Blackwell Publishing
- Bearden, H.J. dan Fuquay, J.W. 1984. *Applied Animal Reproduction. 2<sup>nd</sup> Edition*. Virginia: Reston Publishing Company
- Bearden, H.J., Fuquay, J.W., Williard, S.T. 2004. *Applied Animal Reproduction*. Edisi ke 6. USA: Saunders Elsevier.
- Crowe, M.A., Mullen, M.P. 2008. Relative Roles of FSH and LH in Stimulation of effective Follicular Responses in Cattle. *Vet. World*, 325-376
- Cushman, R.A., Allan, M.F., Kuehn, L.A., Snelling, W.M., Cupp, A.S., Freetly, H.C. 2009. Evaluation of Antral Follicle Count and Ovarian Morphology in Crossbred Beef Cows: Investigation of Influence of Stage of the Estrous Cycle, Age, and Birth Weight. *J. Anim. Sci.* 87:1971-1980
- Dirgahayu, F.F., Hartono, M., Santosa, P.E. 2015. Conception Rate Pada Sapi Potong di Kecamatan Jati Agung Kabupaten Lampung Selatan. *Jurnal Ilmiah Peternakan Terpadu Vol. 3 (1): 7-14*

- Doornbos, D.E., Bellows, R.A., Burfening, P.J., Knapp, B.W. 1984. Effects of Dam Age, Prepartum Nutrition and Duration of Labor on Productivity and Postpartum Reproduction in Beef Females. *Journal of Animal Science*, Vol. 59:1-10
- Dunn, T.G., Kaltenbach, C.C. 1980. Nutrition and the Postpartum Interval of the Ewe, Sow, and Cow. *Journal Animal Science* Vol. 51: 29-39
- Elmetwally, M.A. 2018. Uterine Involution and Ovarian Activity in Postpartum Holstein Dairy Cows. *Journal of Veterinary Healthcare* Vol. 1
- Erickson, B.H., Reynolds, R.A., Murphree, R.L. 1976. Ovarian Characteristics and Reproductive Performance of the Aged Cow. *Biology of Reproduction* 15: 555-560
- Feliciano, M.C., Luisa, M., Luis, L.D.C. 2003. Luteal Function and Metabolic Parameters in Relation to Conception in Inseminated Dairy Cattle. *Revista Portuguesa de Cencias Veterinarias* 98 (545) 25-31.
- Fesseha, H., Degu, T. 2020. Estrus Detection, Estrus Synchronization in Cattle and it's Economic Importance. *Journal of Veterinary Research* 3(1): 100
- Ghozali, I. 2012. *Aplikasi Analisis Multivariate dengan Program IBM SPSS*. Yogyakarta: Universitas Diponegoro
- Hadisutanto, B., Purwantara, B., Darodjah, S. 2013. Involusi Uteri dan Waktu Estrus pada Induk Sapi Perah FH Pasca Partus. *Jurnal Ilmu Ternak* Vol. 13, No.1.
- Hafez, E.S.E. 2000. *Reproduction In Farm Animals 7<sup>th</sup> Edition*. USA: Lippincott Williams & Wilkins.
- Hafez, B., Hafez, E.S.E. 2000. *Reproduction in Farm Animal. 7<sup>th</sup> Ed*. South Carolina. Kiawah Island.
- Hajurka, J., Macak, V., Hura, V. 2005. Influence of Health Status of Reproductive Organs on Uterine Involution in Dairy Cows. *Bull Vet Inst Pulawy*. 49: 53-58
- Hamdani, M.D.I. 2013. Hubungan Antara Berat Badan Sapi Betina Peranakan Ongole dan Sapi Persilangan pada Tingkatan Umur yang Berbeda Terhadap ukuran dan Karakteristik Ovarium. *Jurnal Ilmiah Peternakan Terpadu* Vol. 1, No. 3
- Hansel, W., Echternkamp, S.E. 1972. Control of Ovarian Function in Domestic Animals. *Am. Zoologist*, 12:225-243

- Hardjopranjoto, H.S. 1995. *Ilmu Kemajiran pada Ternak*. Surabaya: Airlangga University Press
- Hartati, H., Utsunomiya, Y.T., Sonstegard, T.S., Garcia, J.F., Jakaria, J., Muladno, M. 2015. Evidence of Bos Javanicus x Bos Indicus Hybridization and Major QTLs for Birth Weight in Indonesian Peranakan Ongole Cattle. *BMC Genetics* (2015) 16:75.
- Hastono. 2000. Penyerempakan Birahi pada Domba dan Kambing. *Animal Production*. 2(1):1-8
- Ismail, M., 2009. Onset dan Intensitas Estrus Kambing pada Umur yang Berbeda. *Jurnal Agroland* 16(2): 180-186
- Ismudiono. 2010. *Fisiologi Reproduksi Ternak*. Surabaya: Universitas Airlangga Press
- Jamaliah, J. 2017. *Pengamatan Interval Periode Birahi Kembali Setelah Beranak Sapi Aceh di Balai Pembibitan Ternak Unggul dan Hijauan Pakan Ternak Indrapuri*. Kementerian Pertanian: BBPTU Indrapuri
- Jane, A.P. 2016. The Estrous Cycle of Cattle. *Animal and Dairy Science* 22: 213-235
- Jolly, P.D., McDougall, S., Fitzpatrick, L.A., Macmillan, K.L., Entwistle, K.W. 1995. Physiological Effect of Undernutrition on Postpartum Anoestrus in Cows. *Journal of Reproduction and Fertility Supplement* 49, 477-492
- Lestari, T.D., Ismudiono. 2014. *Ilmu Reproduksi Ternak*. Surabaya: Airlangga University Press
- Madureira, A.M.M.L., Silper, B.F., Burnett, T.A., Polsky, L., Cruppe, L.H., Veira, D.M., Vasconcelos, J.L.M., Cerri, R.L.A. 2015. Factors Affecting Expression of Estrus Measured by Activity Monitors and Conception Risk of Lactating Dairy Cows. *Journal of Dairy Science* Vol. 98 No. 10, 2015
- Maiyontoni, M.S., Suwardi, Jaswandi, M.S. 2012. Analisis Efisiensi Reproduksi Sapi Brahman Cross PT. LBS (Lembu Betina Subur) Kota Sawahlunto. *Tesis*. Universitas Andalas Padang
- Malau, Irmaylin.S., Hartono, M., Santosa, P.E. 2014. Respon Kecepatan Timbulnya Estrus dan Lama Estrus pada Berbagai Paritas Sapi Peranakan Ongole (PO) Setelah Dua Kali Penyuntikan Prostaglandin F2 $\alpha$  (PGF2 $\alpha$ ). *Jurnal Ilmiah Peternakan Terpadu* Vol. 2 No.1
- Nalbandov, A.V. 1990. *Fisiologi Reproduksi pada Mamalia dan Unggas*. Jakarta: Universitas Indonesia

- Opsomer, G., Mitjen, P., Coryn, M., Kruif, A.D. 2011. Post-Partum Anoestrus in Dairy Cows. *Vet Quart* 18:68-75
- Rasminati, N., Utomo, S. 2010. Potensi Pengembangan Ternak Sapi di Daerah Aliran Sungai (DAS) Progo Kulon Progo, Yogyakarta. *Jurnal Agri Sains Vol. 1 No. 1*
- Razali, N.M., Wah, Y.B. 2011. Power Comparision of Shapiro-Wilk, Kolmogorov-Smirnov, Lilliefors, and Anderson-Darling test. *Journal of Statistical modeling and Analytics Vol.2 No.1. 21-33*
- Remnant, J.G., Green, M.J., Huxley, J.N., Hudson, C.D. 2015. Variation in the Interservice Intervals of Dairy Cows in the United Kingdom. *Journal of Dairy Science Vol. 98 (2): 889-897*
- Riatnawati, T. 2010. Karakteristik dan Kinerja Induk Sapi Peranakan Ongole dan Sapi persilangan Simmental dengan Peranakan Ongole di Kecamatan Mlati Kabupaten Sleman. *Skripsi*
- Riyanto, J., Lutojo., Barcelona, D.M. 2015. Kinerja Reproduksi Induk Sapi Potong pada Usaha Peternakan Rakyat di Kecamatan Mojogedang. *Sains Peternakan Vol. 13 (2)*
- Rosadi, B., Sumarsono, T., Hoesni, F. 2018. Identifikasi Gangguan Reproduksi pada Ovarium Sapi Potong yang Mengalami Anestrus Postpartum Panjang. *Jurnal Veteriner Vol. 19 No. 3*
- Sahatpure, S., Patil, M. 2008. Demonstration of Hormone Application in Animal Growth. *Veterinary World 1: 203-204*
- Salisbury, G.W., Vandemark, M.I.L. 1978. *Fisiologi dan Inseminasi Buatan Pada Sapi*. Yogyakarta: UGM Press.
- Senger, P. 2005. *Pathways to Pregnancy and Parturition 2<sup>nd</sup> edition*. Washington: Current Conceptions Inc
- Sheldon, I.M. 2004. The Postpartum Uterus. *Vet Clin Food Anim* 20: 569-591
- Socheh, M., Saleh, D.M., Widiawati. 2017. Post Partum Heat dan Intensitas Estrus Induk Sapi Brahman Berbasis Penyapihan Umur Pedet yang Berbeda. *Prosiding Seminar Teknologi dan Agribisnis Peternakan*
- Starbuck, M. J. 2005. Factors affecting reproductive efficiency of cattle. *Thesis*, West Virginia University.
- Subiharta.,Utomo, B., Sudrajad, P. 2012. Potensi Sapi Peranakan Ongole (PO) Kebumen Sebagai Sumber Bibit Sapi Lokal di Indonesia Berdasarkan Ukuran Tubuhnya (Studi Pendahuluan). *Prosiding Seminar Nasional*

*Pengembangan Agribisnis Peternakan Menuju Swasembada Protein Hewan.*

- Suryana. 2009. Pengembangan usaha ternak sapi potong berorientasi agribisnis dengan pola kemitraan. *Jurnal Litbang Pertanian*, 28(1)
- Susanti, I., Ihsan, M.N., Wahjuningsih, S. 2014. Pengaruh Bangsa Pejantan Terhadap Pertumbuhan Pedet Hasil IB di Wilayah Kecamatan Bantur Kabupaten Malang. *Jurnal Ternak Tropika Vol. 16, No.1: 41-47*
- Susilawati, T. 2017. *Sapi Lokal Indonesia*. Malang: UB Press
- Susilawati, T dan Yekti, A.P.A. 2018. *Teknologi Inseminasi Buatan Menggunakan Semen Cair (Liquid Semen)*. Malang: UB Press
- Tennant, B., Kendrick, J.W., Peddicord, R.G., 1967. Uterine Involution and Ovarian Function in the Post Partum Cow. A retrospective analysis of 2,338 genital organ examinations. *Cornell Vet.*, 57: 543-57.
- Tiro, B.M.W., Tirajoh, S., Beding, P.A., Baliarti, E. 2020. Siklus Estrus dan Profil Hormon Reproduksi Induk Sapi Peranakan Ongole dan Silangan Simmental-Peranakan Ongole. *Jurnal Pertanian Agros Vol. 22: 105-112*
- Toelihere, M.R. 1985. *Fisiologi Reproduksi pada Ternak*. Yogyakarta: Penerbit Angkasa
- Toelihere, M. R. 1997. *Fisiologi Reproduksi Pada Ternak*. Bandung: Penerbit Angkasa
- Vecchio, R.P.D., Randel, R.D., Neuendorff, D.A., Peterson, L.A. 2003. Effect of Alfaprostol, Lasalocid, and Once-daily Suckling on Postpartum Interval in Brahman and Brahman Crossbred Cattle. *Journal Animal Science Vol. 3 (4): 797-809*
- Wathes, D.C., N. Bourne, J. Brickell, A. Swali dan V.J. Taylor. 2005. Relationship Beetwen Production and Reproduction. *The 26th European Holstein and Red Holstein Conference, Prague*
- Wathes, D.C., Cheng, Z., Ferwick, M.A., Fitzpatrick, R., Patton, J. 2011. Influence of Energy balance on the Somatotrophic axis and matrix metalloproteinase expression in the Endometrium of the Post Partum Dairy Cow. *J. Reproduction. 141: 269-281.*
- Yekti, A.P.A., Susilawati, T., Ihsan, M.N., Wahyuningsih, S. 2017. *Fisiologi Reproduksi Ternak*. Malang: UB Press