

DAFTAR PUSTAKA

- Ali, A., & Haydar, M. (2007). Ultrasonographic assessment of embryonic, fetal and placental development in ossimi sheep. *Small Rum. Res*, 73, 227-282. <https://doi.org/10.1016/j.smallrumres.2007.01.011>
- Al-Badry, K.I. (2012) Effect of Various Thawing Times and Temperatures on Frozen Semen Quality of Friesian Bulls in Iraq. *Int. J. Anim. Veter. Adv.* 4: 384-388.
- Amrozi, & Setiawan, B. (2011). Sinkronisasi Estrus dan Pengamatan Ultrasonografi Pemeriksaan Kebuntingan Dini pada Domba Garut (Ovis aries) Sebagai Standar Penentuan Umur Kebuntingan. *Jurnal Kedokteran Hewan*, 5(2). <https://doi.org/10.21157/j.ked.hewan.v5i2.364>
- Atwood, C. S., Hovey, R. C., Glover, J. P., & Chepko, G. (2000). Progesterone induces side-branching of the ductal epithelium in the mammary glands of peripubertal mice. *Journal of Endocrinology*, 167, 39-52. <https://doi.org/10.1677/joe.0.1670039>
- Bearden, H. J., Fuquay, J. W., & Willard, S. T. (2000). *Applied Animal Reproduction 5th Edition*. Mississippi State University.
- Claypool, C. K., J. A. Spencer, S. M. Zoca, B. Shafii, W. J. Price, A. Ahmadzadeh, N. R. Rimbey, and J. C. Dalton. (2019). Short communication: Reproduction outcomes i n dairy heifers following a 14-d progesterone insert presynchronization protocol. *Journal of Dairy Science*. 102 (12): 11730-11735. <https://doi.org/10.3168/jds.2019-17000>
- Eldomany, W., Abdel-Khalek, A. K., Khalil, W., Yousif, A., El-Saidy, B., & Hassan, M. (2023). Influence of long and short-term progesterone administration on estrous synchronization and reproductive performance in ewes during may season. *Journal of Advanced Veterinary Research*, 13(1), 88-93.
- Feradis. (2010). Reproduksi Ternak. Bandung : Alfabeta.
- Garner, T. B., Hester, J. M., Carothers, A., & Diaz, F. J. (2021). Role of zinc in female reproduction. *Biology of reproduction*, 104(5), 976-994. <https://doi.org/10.1093/biolre/ioab023>
- Hafez, E. S. (2000). *Reproduction in Farm Animals* (7th ed.). Philadelphia : Lippincott Williams & Wilkins.
- Hardijanto., Susilowati, S., Hernawati, T., Sardjito, T., & Suprayogi, T. W. (2010). *Buku Ajar Inseminasi Buatan*. Airlangga University Press.
- Hashemi, M., Safdarian, M., & Kafi, M. (2006). Estrous response to synchronization of estrus using different progesterone treatments outside the natural breeding season in ewes. *Small Ruminant Research*, 65(3), 279-283. <https://doi.org/10.1016/j.smallrumres.2005.07.051>
- Herdis. (2011). Respon estrus Domba Garut Betina pada perlakuan laserpuntur dengan fase reproduksi yang berbeda. *Jurnal Sains dan Teknologi Indonesia*. 13(3):171-176. <https://doi.org/10.29122/jsti.v13i3.892>
- Ihsan, N. M. (2009). Bioteknologi Reproduksi Ternak. Malang : Universitas Brawijaya.

- Ismaya, (2014). *Bioteknologi Inseminasi Buatan pada Sapi dan Kerbau*. Yogyakarta : Gadjah Mada University Press.
- Isnaini, N. dan Fazrien, W. A. (2020). *Fisiologi Reproduksi dan Inseminasi Buatan pada Kerbau*. Malang : UB Press.
- Jainudeen, M. R., & Hafez, E. S. (2000). *Pregnancy Diagnosis, in Reproduction in Farm Animals* (7th ed.). Lippincott Williams & Wilkins : Philadelphia.
- Jamili, M. A., Mappanganro, R., Susanti, H. I., & Lestari, A. (2025). Efektivitas Sinkronisasi Estrus Menggunakan Hormon Prostaglandin dan Estrogen terhadap Non Return Rate (NRR), Conception Rate (CR) dan Service per conception (S/C) pada Sapi Potong. *Jurnal Peternakan Lokal*, 7(2), 51-59. <https://doi.org/10.46918/peternakan.v7i2.2674>
- Khairi, F., Muktiani, A., & Ondho, Y. S. (2014). Pengaruh suplementasi vitamin E, mineral Selenium dan Zink terhadap konsumsi nutrien, produksi dan kualitas semen Sapi Simental. *Jurnal Agripet*, 14(1), 6-16. <https://doi.org/10.17969/agripet.v14i1.1199>
- Kumar, J. N., Sajish, P. R., Kumar, R. N., George, B., & Shailendra Viyoll, S. V. (2011). Bioaccumulation of lead, zinc and cadmium in *Avicennia marina* mangrove ecosystem near Narmada Estuary in Vamleshwar, West Coast of Gujarat, India. *Journal of International Environmental Application & Science*. 6(1) : 8-13.
- Kundu, M. S., De, A. K., Jeyakumar, S., Sunder, J., Kundu, A., & Sujatha, T. (2014). Effect of zinc supplementation on reproductive performance of Teresa goat. *Veterinary World*, 7(6). <https://doi.org/10.14202/vetworld.2014.380-383>
- Mulyaningsih, N. (1990). Domba Garut sebagai Sumber Plasma Nutfah Ternak. Plasma Nutfah Hewan Indonesia. *Komisi Pelestarian Plasma Nutfah Indonesia*. 42- 49.
- Nugroho, S. A., Bastoni, Widyani, R., & Perwitasari, F. D. (2023). Manajemen Pembibitan Domba Priangan Di CV. Saudagar Farm Kecamatan Cugenang Kabupaten Cianjur. *Journal Kandang*, 15(2), 102-120. <https://doi.org/10.32534/jkd.v15i2.5563>
- Partodihardjo, S. (1980). *Ilmu Reproduksi Hewan*. Penerbit : Mutiara Sumber Widya. Jakarta.
- Purohit, G. (2010). Methods Of Pregnancy Diagnosis In Domestic Animals : The Current Status Animals : The Current Status Abstract. *Review Literature And Arts Of The Americas*. 1(12): 1–26.
- Rama, K. A., Tumbelaka, L. I., & Achmadi, B. (2022). Karakteristik Siklus Estrus Domba Garut Dara. *Acta Veterinaria Indonesiana*, 10(2), 124-132. <https://doi.org/10.29244/avi.10.2.124-132>
- Rasad, S.D., & Solihati, N. (2023). *Ilmu dan Teknologi Reproduksi Ternak*. Padjajaran University Press.
- Ridlo M.R. dan A. Budiyanto. (2017). Penambahan suplemen zinc (zn) pada sinkronisasi estrus kambing ras campuran. *Jurnal Nasional Teknologi Terapan*, 1(1) : 69 – 76. <https://doi.org/10.22146/jntt.34088>
- Ridwan. (2006). Fenomena estrus Domba Betina Lokal Palu yang diberi perlakuan hormon FSH. *Jurnal Agroland*. 13(3): 294 – 298.

- Rischkowsky, B., & Pilling, D. (2007). *The state of the world's animal genetic resources for food and agriculture*. Food & Agriculture Org
- Rokana, E., Supartini, N., & Utomo, Y. B. (2024). Sinkronisasi Estrus di Usaha Pembibitan Domba Lokal Kelompok Tani Maju Milenial Kabupaten Kediri. *Cendekia: Jurnal Pengabdian Masyarakat*, 6(2), 124-133. <https://doi.org/10.32503/cendekia.v6i2.5866>
- Salih, S. A., Daghigh-Kia, H., Mehdipour, M., & Najafi, A. (2021). Does ergothioneine and thawing temperatures improve rooster semen post-thawed quality?. *Poultry science*, 100(10), 101405. <https://doi.org/10.1016/j.psj.2021.101405>
- Schatten, H. dan G.M. Constantinescu. (2007). *Comparative Reproductive Biology*. Blackwell Publishing, USA.
- Siregar T. N., H. Hamdan, G. Riady, B. Panjaitan, D. Aliza, E. F. Pratiwi, T. Dariantono dan Husnurrizal. (2015). Efficacy of two estrus synchronization methods in Indonesian Aceh cattle. *International Journal Veterinary Science*. 4(2): 87-91.
- Solis, I. C., Vasquez, B., Diaz, T., Letelier, C., Sebastian, A. L., Bulnes, dan A. G. (2008). Efficiency of estrous synchronization in tropical sheep by combining short-interval cloprostenol-based protocols and "male effect". *Theriogenology*. 71(2009):1018-1025. <https://doi.org/10.1016/j.theriogenology.2008.11.004>
- Suastiningsih I. G. A. K., I. G. N. B. Trilaksana dan I. K. Puja. (2020). Evaluation of one shot and two shot prostaglandin injection on estrus response in Bali cattle. *International Journal Veterinary Science*. 9(3): 409-412.
- Sumadiasa, I. W. L., Yuliani, E., & Rodiah, R. (2022). Sinkronisasi estrus untuk mengatur waktu kawin dan meminimalisir kegagalan reproduksi pada ternak kambing. *Jurnal Pepadu*, 3(2), 195-204. <https://doi.org/10.29303/pepadu.v3i2.2469>
- Sumantri, C., Einstiana, A., Salamena, J.F & I. Inounu, 2007. Keragaan dan Hubungan Phylogenetik Antar Domba Lokal di Indonesia Melalui Pendekatan Analisis Morfologi. *J. Ilmu Ternak dan Veteriner* 12: 42-54. <https://doi.org/10.14334/jitv.v12i1.563>
- Suripta, H., P.P. Putro, dan Sugijanto. 2000. Manipulasi estrus pada Domba Lokal dengan sediaan medroxy progesteron asetat intravagina. *Jurnal Agrosains*. 13(3): 345-360.
- Susilawati, T. (2011). *Spermatologi*. Malang : UB Press.
- Ulum, M. F., Paramitha, D., Muttaqin, Z., Utami, N. F., Utami, N. D., Gunanti, & Noviana, D. (2013). Pencitraan Ultrasonografi Organ Reproduksi Domba Jantan Ekor Tipis Indonesia. *ACTA VETERINARIA INDONESIA*, 1(2): 54 – 59. <https://doi.org/10.29244/avi.1.2.51-56>
- Utari, E. L., Ngaisyah, D. Rr., & Surbakti, H. (2020). Sistem Identifikasi Citra Janin Terhadap Asupan Gizi Ibu Hamil dengan Menggunakan Metode Sobel dan Kirsch. *Jurnal SIMETRIS*, 11(2): 2549-3108. <https://doi.org/10.24176/simet.v11i2.5709>
- Varshney, J. P. (2022). *Ultrasound in Veterinary Medicine Fundamentals and Applications*. New Delhi : NIPA

Widayati, D.T., Ismaya, Kustono, S. Bintara, dan W. Asmarawati. (2013). *Bahan Ajar Ilmu Reproduksi Ternak*. UGM Press. Yogyakarta.