

DAFTAR PUSTAKA

- Alcock, R. Neef, R. D. Villiers, H. D. Dugmore, T. Toit F. D. 2015. Goat Production Handbook. Mdukatshani, Heifer International-South Africa and Kwazulu-Natal Departement of Agriculture and Rural Development. Kwazulu-Natal. South Africa.
- Angelia, Melda. 2010. Penampilan reproduksi kambing *Cross Boer* (Jawarandu-Boer). Skripsi. Fakultas Kedokteran Hewan Institut Pertanian Bogor. Bogor.
- Antunovic, Z., J. Novoselec, H. Sauerwein, M. Spreranda, M. Veraga, dan V. Pavic. 2011. Blood Metabolic Profile and Some Hormones Concentration in Ewes During Different Physiological Status. *Bulgarian Journal of Agricultural Science* 17(5):687-695
- Arunvipas P., I. R Dohoo., J.A Vanleeuwen, and G. P Keefe. 2003. The effect of non-nutritional factors on milk urea nitrogen levels in dairy cows in Prince Edward Island, Canada. *Preview Veterinary Medicine*. 59: 83-93.
- Astuti, M., G.S.B Satria, L.M. Yusiati, M.A.U. Muzayyanah. 2007. Peta Potensial Plasma Nutfah Ternak Nasional. Arda Media. Yogyakarta.
- Astuti, O. S. 2006. Pengaruh penambahan UMMB dan SPM terhadap kadar progesteron air susu dan performans reproduksi sapi perah laktasi. Skripsi Fakultas Peternakan. Institut Pertanian Bogor.
- Atabany, Afton. 2014. Buku Praktis Beternak Kambing Perah. The 2nd Asian-Australasian Dairy Goat Conference, April 25-27, 2014, Bogor, Departemen Ilmu Produksi dan Teknologi Peternakan, Fakultas Peternakan IPB.
- Atabany, Afton. 2001. Studi Kasus Produktivitas Kambing Peranakan Ettawa dan Kambing Saanen Pada Peternakan Kambing Perah Barokah dan PT. Taurus Dairy Farm. Pascasarjana Institut Pertanian Bogor. Bogor. Pp. 5, 56-57.
- Baco, S., M. Yusuf, B. Wello and M. Hatta. 2013. Current status of reproductive management in Bali cows in South Sulawesi Province, Indonesia. *Open J. Forestry*. Vol. 3 (4B) : 2-6.
- Butler, W. R., J. J. Calaman, and S. W. Beam. 1996. Plasma and milk urea nitrogen in relation to pregnancy rate in lactating dairy cattle. *J. Anim. Sci*. 74:858–865.

- Canfield, R., C. Sniffen, and W. Butler. 1990. Effects of excess de-gradable protein on postpartum reproduction and energy balance in dairy cattle. *J. Dairy Sci.* 73:2342–2349.
- Carroll, D. J., B. A. Barton, G. W. Anderson, and R. D. Smith. 1988. Influence of protein intake and feeding strategy on reproductive performance of dairy cows. *J. Anim. Sci.* 71:3470–3481.
- Castillo-Gonzalez, A.R., M.E. Burrola-Barraza, J. Dominguez-Viveros dan A. Chavez-Martinez, 2014. Rumen Microorganisms and Fermentation. *Achivos Medicina Veterinaria*, 46:349-361.
- Colmenero, J. J. O. Dan Broderick, G. A. 2006 Effect of amount and ruminal degradability of soybean meal protein on performance of lactating dairy cows. *J. Dairy Sci.*, 89(5):35-43
- Fharhandani, N. 2006. Pengaruh pemberian urea molasses multivitamin block dan suplemen pakan multivitamin terhadap kualitas susu sapi perah. Skripsi Fakultas Peternakan. Institut Pertanian Bogor. Bogor.
- Ferguson, J. D., and W. Chalupa. 1989. Impact of protein nutrition on reproduction in dairy cows. *J. Dairy Sci.* 72:746–766.
- Ferguson, J. D., D. T. Galligan, T. Blanchard, and M. Reeves. 1993. Serum urea nitrogen and conception rate: The usefulness of test information. *J. Dairy Sci.* 76:3742–3746.
- Godden, S. M., Kelton, D. F. 2001. Milk Urea Testing as a Tool to Monitor Reproductive Performance in Ontario Dairy Herds. Department of Clinical and Population Sciences. University of Minnesota.
- Guo, K., Russek-Cohen, E., Varner, M.A., Kohn, R.A., 2004. Effect of milk urea nitrogen and other factors on probability of conception of dairy cows. *J Dairy Sci.* 83: 603-608.
- Gustafsson, A. H., and D. L. Palmqvist, 1993. Diurnal variation of rumen ammonia, serum urea, and milk urea in dairy cows at high and low yields. *J. Dairy Sci.* 76:475–484.
- Howard, H. J., E. P. Aalseth, G. D. Adams, L. J. Bush, R. W. McNew, and L. J. Dawson. 1987. Influence of dietary protein on reproductive performance of dairy cows. *J. Dairy Sci.* 70:1563–1571.
- Iswoyo dan Widiyaningrum, P. 2008. Performans Reproduksi Sapi Peranakan Simmental (Psm) Hasil Inseminasi Buatan di Kabupaten Sukoharjo Jawa Tengah. *Jurnal Ilmiah Ilmu-Ilmu Peternakan.* 11(3):125-133.

- Jorritsma. R., T. Wensing, T. A. M. Kruip, P. L. A. M. Vos dan J. P. T. M. Noordhuizen, 2003. Metabolic changes in early lactation and impaired reproductive performance in dairy cows. *Vet. Res.*, 34:11-26.
- Khan, S., A Thangavel, dan S. Selvasubramaniyan. 2010. Blood Biochemical Profile in Repeat Breeding Cows. *Tamilnadu J. Veterinary and Animal Science* 6(2):75-80
- Kusumawati, D. 2004. Bersahabat Dengan Hewan Coba. Gadjah Mada Press. Yogyakarta. Pp. 3-7.
- Law. R. A., Young. F. J., Patterson. D. C., Kilpatrick. D. J., Wylie. A. R. G., Mayne. C. S. 2009. Effect of dietary protein content on fertility of dairy cows during early and mid lactation. *J. Dairy Sci.* 92:2737-2746.
- Luxitawati, E. 2017. Identifikasi Kinerja Reproduksi Kambing Saanen Berdasarkan Biokimia Darah di Balai Besar Pembibitan Ternak Unggul dan Hijauan Pakan Ternak Baturraden. Skripsi. Fakultas Peternakan. Universitas Gadjah Mada. Yogyakarta.
- Mdukatshani, Heifer International-South Africa and Kwazulu-Natal Departement of Agriculture and Rural Development. 2015. Goat Production Handbook.
- Nousiainen, J. I., K. J. Shingfield, and P. Huhtanen. 2004. Evaluation of milk urea nitrogen as a diagnostic of protein feeding. *J. Dairy Sci.* 87 (2): 386-398.
- NRC. 2001. Nutrient Requirements of Dairy Cattle. 7th rev. ed. National Academy of Sciences. National Academy Press, Washington, D.C., USA.
- Ouanes, I., C. Abedennour, dan N. Aquaidija. 2011. Effect of Cold Winter on Blood Biochemistry of Domestic Sheef Fed Natural Pasture. *Annals of Biological Research* 2(2):306-311
- Parasmawati, F., Suyadi., Wahyuningsih, S. 2012. Peforma reproduksi pada persilangan kambing Boer dan Peranakan Ettawa. *Jurnal Ilmu-Ilmu Peternakan.* 23(1):11-17.
- Roy, B., Brahma, S., Ghosh, P.K., Pankaj and Mandal, G. 2011. Evaluation of Milk Urea concentration as useful indicator for dairy herd management: A Review. *Asian J. Vet. Adv.*, 6(1): 1-19.

- Rajala-Schultz, P. J., W. J. A. Saville., G. S. Frazer, and T. E. Wittum. 2001. Association between milk urea nitrogen and fertility in ohio dairy cows. *Journal of Dairy Science*. 84: 482-489.
- Rochijan. 2014. Pengaruh Pemberian *Rumen Undegraded Protein* Terhadap Produksi Dan Reproduksi Sapi Perah. Tesis. Fakultas Peternakan. Universitas Gadjah Mada. Yogyakarta.
- Safaa, A. A., Ibrahim A. I., Mohamed, K. A. A. 2015. Genetic and environmental factors affecting reproduction of Saanen Goats raised under Sudan condition. *Journal of Agricultural Science*. 2(3):75-79.
- Santoso, S. 2006. Statistik parametrik. Elex Media Komputindo. Jakarta. Pp. 71-74.
- Sari. D. I. 2016. Identifikasi Kinerja Reproduksi Kambing Peranakan Ettawa Berdasarkan Milk Urea Nitrogen. Skripsi. Fakultas Peternakan. Universitas Gadjah Mada. Yogyakarta.
- Sudjana. 2002. Metode Statiska. Tarsito. Bandung.
- Syawal, M. 2015. Efektivitas metode aplikasi hormon progesteron, PGF2 alpha dan hCG dalam peningkatan efisiensi reproduksi kambing PE anestrus postpartum. Tesis Biologi Reproduksi. Institut Pertanian Bogor. Bogor.
- Sklan, D., and M. Tinsky. 1993. Production and reproduction responses by dairy cows fed varying undegradable protein coated with rumen bypass fat. *J. Dairy Sci*. 76:216–223.
- Suryatiningrum, C. 2009. Prediksi potensi bibit Dusun Argosuko Desa Argoyuwono Kecamatan Ampelgading Kabupaten Malang. Skripsi Fakultas Peternakan, Universitas Brawijaya, Malang.
- Trinidad and Tobago Goat and Sheep Society. 2016. Dairy Goat Manual. Inter-American Institute for Cooperation on Agriculture. Costa Rica.
- Tshuma, T., Holm, D.E., Fosgate, G.T., dan Lourens, D.C. 2014. Pre-breeding Blood Urea Nitrogen Concentration and Reproductive Performance of Bonsmara Heifers within Different Management systems. *Tropical Animal Health and Production* 46:1023-1030.
- Wenninger, A., and O. Distl. 1994. Harnstoff- und Azetongehalt in der Milch als Indikatoren für ernährungsbedingte Fruchtbarkeitsstörungen der Milchkuh (Urea and acetone in milk as indicators for nutritional fertility disorders of dairy cattle). *Dtsch. Tier-ärztl. Wochenschrift* 101:152–157.

Widiyanto, Joko. 2012. SPSS For Windows. Surakarta. Badan Penerbit-FKIP. Universitas Muhamadiyah Surakarta.

Widayati, D. T., Sari, D. I., Bintara, S., Natawihardja, I., Kustono, and Suranindyah, Y. Y. 2017. Evolution of Etawah Grade Doe Fertility Based on Milk Urea Nitrogen Levels. J. Dairy Sci., 12:295-300.

Widyobroto, B. P., S. P. S. Budhi, dan A. Agus. 2007. Pengaruh undegraded protein dan energi terhadap kinetik fermentasi rumen dan sintesis protein mikrobial pada sapi. Journal of the Indonesian Tropical Animal Agriculture. 32 (3): 194-200.

Yashotai, R. 2015. Importance of Protein on Reproductive in Dairy Cattle. International Journal Science Environment Technology 3(6):2081-2083