

DAFTAR PUSTAKA

- Al Neem, M. A. 2008. Influence of water stress on water use efficiency and dry-hay production of alfalfa in Alabsa, Saudi Arabia. *International Journal of Soil Science* 3(3): 119-126.
- Amrullah, I. 2004. *Nutrisi Ayam Petelur*. Penebar Swadaya. Jakarta
- Anderson, J. O. 1957. Effects of Alfalfa saponin on the performance of chicks and laying hens. *Journal of Poultry Science*. 36(4): 873-876.
- Anonim. 2019. *Panduan Manajemen Ayam Petelur Komersil Hy-Line Brown*. Hy-Line Internasional
- Bahtiar, M. Y., D.L. Yulianti, dan A.T.N. Krisnaningsih. 2017. Pengaruh penggunaan tepung daun sambiloto (*Andrographis paniculata* nees) sebagai feed additive terhadap kualitas telur itik Mojosari. *Jurnal Sains Peternakan* 5(2): 92-99.
- Bintang, I. A. K., Sinurat, A. P., & Purwadaria, T. 2014. Penambahan antibiotika & bioaktif ampas mengkudu terhadap produksi telur ayam. *Jurnal Ilmu Ternak & Veteriner* 19(3): 83-88
- Daud, M. 2005. Performan ayam pedaging yang diberi probiotik dan prebiotik dalam ransum. *Jurnal Ilmu Ternak* 5(2): 75-79.
- Daud, M., F. Zahrul., dan M. Mulyadi. 2017. Performan dan presentase karkas ayam ras petelur jantan pada kepadatan kandang yang berbeda. *Jurnal Agripet* 17(1): 67-74
- De Rouchey, J. M., Tokach, M. D., Nelssen, J. L., Goodband, R. D., Woodworth, J. C., James, B. W. 2002. Comparison of spray-dried blood meal and blood cells in diet for nursery pig. *Journal of Animal Science* 80(11): 2879-2886.
- Didik, M, U. 2017. Performa ayam ras petelur coklat dengan frekuensi pemberian ransum yang berbeda. *Jurnal Aves* 11(2) : 23-37
- Djulardi, A. 2006. *Nutrisi Aneka Ternak dan Satwa Harapan*. Andalas University Press. Yogyakarta.
- Englmaierova M., M. Skrivan., T. Vit. 2019. Alfalfa meal as a source of carotenoids in combination with ascorbic acid in the diet of laying hens. *Journal of Animal Science*. 64(1):17-25
- Farid, M., E. Widodo., M. H. Natsir. 2019. Identifikasi pengaruh maksimal level bekatul terhadap penampilan produksi ayam petelur. *Jurnal Nutrisi Ternak*. 2(2): 59-64

- Fauzan, I. D., D. Septinova., K. Nova. 2016. Perbandingan kualitas eksternal telur ayam ras strain isa brown dan lohmann brown. *Jurnal Ilmiah Peternakan Terpadu*. 4(1): 1-5
- Ganguly, S. 2013. Phytogenic growth promoter as replacers for antibiotic growth promoter in poultry birds. *Advances Pharmacoepidem Drug Safety*. 2: 119.
- Grela, E. R., S. Knaga., A. Winiarska-Mieczan., and G. Zieba. 2019. Effects of dietary alfalfa protein concentrate supplementation on performance, egg quality, and fatty acid composition of raw, freeze-dried, and hard-boiled eggs from Polbar laying hens. *Journal of Poultry Science*. 11(30): 2-10
- Güçlü, B. K., K. M. Işcan., F. Uyanik, M. Eren., and A. C. Ağca. 2004. Effect of alfalfa meal in diets of laying quails on performance, egg quality and some serum parameters. *Archives of Animal Nutrition*. 58: 255–263.
- Hansen, R. G., H. M. Scott., B. L. Larson., T. S. Nelson and P. Krichevsky. 1953. Growth stimulation and growth inhibition of chick fed forage and forage juice concentrate. *Journal Nutrition*. 49: 453-463.
- Haryuni, Widodo. E., & Sudjarwo. E. 2017. Efek penambahan jus & daun sirih (*Piper bettle* linn) sebagai aditif pakan terhadap performa ayam petelur. *Jurnal Riset & Konseptual*. 2(4): 429-433.
- Herlina, B., R. Novita., T. Karyono. 2015. Pengaruh jenis dan waktu pemberian ransum terhadap performans pertumbuhan dan produksi ayam broiler. *Jurnal Sains Peternakan Indonesia* 10(2): 107-113.
- Hermanto, B. Suwignyo., dan N. Umami. 2017. Kualitas kimia dan kandungan klorofil tanaman Alfalfa (*Medicago sativa* L.) Dengan lama penyinaran dan dosis dolomit yang berbeda pada tanah regosol. *Buletin Peternakan* 41(1): 54-60.
- Hertrampf, J. W., F. Piedad-Pascual. 2003. *Handbook on Ingredients for Aquaculture Feeds*. Springer Science and Business. London
- Heywang, B.W. 1950. High levels of alfalfa meal in diets for chickens. *Journal of Poultry Science* 29: 804 – 811.
- Heywang, B.W., Thompson, C.R. and Kemmerer, A.R. 1959. Effect of alfalfa saponin on laying chickens. *Journal of Poultry Science* 38: 968 – 971.
- Horhoruw, W. M., Wihandoyo & Yuwanto, T. 2009. Pengaruh pemanfaatan rumput laut (*Gracilaria edulis*) dalam pakan terhadap kinerja ayam fase pullet. *Buletin Peternakan*. 33(1): 8- 16.

- Lacefield, G. D., J. C. Henning., M. Rasnake and M. Collins. 2011. Alfalfa the Queen of Forage Crops. Cooperative Extension Service. University Kentucky
- Laudadio, V., E. Ceci, N. M. B. Lastella, M. Introna dan V. Tufarelli. 2014. Low-fiber alfalfa (*Medicago sativa* L.) meal in the laying hen diet: effects on productive traits and egg quality. *Journal of Poultry Science*. 93(7): 1868–1874.
- Lokapinasari, W. P., Soewarno., Dhamayanti Y. 2011. Potensi crude spirulina terhadap protein efisiensi rasio pada ayam petelur. *Jurnal Ilmiah Kedokteran Hewan* 2: 5-8.
- Magdalena, S., G. H. Natadiputri., F. Nailufar., dan T. Purwadaria. 2013. Pemanfaatan produk alami sebagai pakan fungsional. *Wartazoa* 23(1): 31-40
- Maharani, P., N. Suthama dan H. I. Wahyuni. 2013. Massa kalsium dan protein daging pada ayam arab petelur yang diberi ransum menggunakan *Azolla microphylla*. *Journal of Animal Agricultural* 2 (1): 18 – 27.
- Mannetje, L., dan R. M. Jones. 2000. *Sumber Daya Nabati Asia Tenggara*. Balai Pustaka. Bogor.
- Mansoub, N. M. 2011. Effect of different level of Alfalfa extract on performance, Egg quality and some blood parameters on laying hens. *Annals of Biological Research*. 2(6): 384-388.
- Najm, E. K. N., Y. Cufadar. 2020. Effect of enzyme addition to diets containing different levels of alfalfa meal on performance and egg quality parameters of laying hens. *Selcuk Journal of Agriculture and Food Sciences* 34(1): 8-14.
- National Research Council. 1994. *Nutrient Requirement of Poultry*. Academy Pr. Washington DC.
- North, M. O., D Bell. 1990. *Commercial chicken production manual*. Incorporate. United States of America (US).
- Nova, T. D., Y. Heryandi., dan W. S. Br. Surbakti. 2019. Pemberian Pakan Secara Adlibitum dan Jadwal Persentase Pakan Siang dan Malam Terhadap Bobot Akhir, Karkas, Lemak Abdomen serta Ketebalan Usus pada Ayam Petelur Jantan. *Jurnal Peternakan Indonesia* 21(3): 205-219
- Nurcholis, D., Hastuti., B. Sutiono. 2009. Tatalaksana pemeliharaan ayam ras petelur periode layer di populer farm desa Kuncen kecamatan Mijen kota Semarang. *Jurnal Ilmu Pertanian* 5 (2) : 38 – 49.

- Okoro, V. M. O., K. E. Ravhuhali, T. H. Mapholi, E. F. Mbajiorgu, dan C. A. Mbajiorgu. 2017. Effect of age on production characteristics of Boschveld indigenous chickens of South Africa reared intensively. *The South African Journal of Animal Science*. 47(2): 157-167.
- Ouyang, K., X. Mingsheng., Y. Jiang., and W. Wenjun. 2016. Effects of Alfalfa flavonoids on broiler performance, meat quality, and gene expression. *Can. Journal of Animal Science* 96: 332–341.
- Prabakar, G., Gopi, M., Karthik, K., Shanmugana, S., Kirubakara, A., & Pavulraj, S. 2016. Phytobiotics: could the greens inflate the poultry production. *Asian Journal of Animal & Veterinary Advances*.11(7): 383– 392.
- Rahmawati, N., C. I. Andri. 2020. Pengaruh pemberian fitobiotik dalam pakan terhadap performa produksi ayam ras petelur umur 28-32 Minggu. *Jurnal Ilmiah Fillia Cendekia* 5(1): 37-41
- Rao, P. S. P. 1966. Source and Uses of Unidentified Factors for Growth and Production in Poultry. Kansas State University. India.
- Rasyaf, M. 1994. *Beternak Ayam Pedaging*. Penebar Swadaya. Jakarta.
- Ricke, S. C., P. J. Van Der Aar, G. C. Fahey Jr, and L. L. Berger. 1982. Influence of dietary fibers on performance and fermentation characteristics of gut contents from growing chicks. *Journal of Poultry Science* 61: 1335-1343.
- Samadi., S. Wajizah, dan F. Khairi. 2020. Formulasi pakan ayam arab petelur dan pembuatan imbuhan pakan berbasis sumber daya lokal di Kabupaten Aceh Besar. *Jurnal Media Kontak Tani Ternak*. 2 (1) : 25 – 32.
- Scott, H. M., H. Fisher., dan J. M. Synder. 1953. Alfalfa meal as a source of unidentified growth factors. *Journal of Poultry Science*. 19(2): 555-556.
- Setiawati, T., R. Afnan., N. Ulupi. 2016. Performa Produksi dan Kualitas Telur Ayam Petelur pada Sistem Litter dan Cage dengan Suhu Kandang Berbeda. *Jurnal Ilmu Produksi dan Teknologi Hasil Peternakan* 4(1): 197-203.
- Sibbald, I. R. 1979. Passage of feed through the adult rooster. *Journal of Poultry Science* 58: 446- 459.
- Siloto, E. V., Sartori, D. R. S., Oliveira, E. F. A., Sartori, J. R., Fascina, V. B., & Berto, D. A. 2011. Performance & egg quality of laying hens fed diets containing aflatoxin, fumonisin & adsorbent. *Revista Brasileira de Ciencia Avicola* 13(1): 21–28.

- Steel, P. G. D., J. H. Torrie. 1991. Prinsip dan Prosedur Statistika suatu Pendekatan Geometrik. Gramedia. Jakarta
- Subantoro, R. 2009. Mengenal karakter tanaman alfalfa. Jurnal Ilmu Pertanian 5(2): 50-61.
- Sulaiman, D., N. Irawan., K. Maghfiroh. 2019. Produktivitas Ayam Petelur Strain Isa Brown Pada Umur 24-28 Minggu. Jurnal Peternakan Terpadu 1(1): 26-31
- Sulaiman, D., N. Irwani., K. Maghfiroh. 2019. Produktivitas ayam petelur strain isa brown pada umur 24-28 minggu. Jurnal Peternakan Terpadu 1(1): 26-31.
- Suprpti, M. L. 2022. Pengawetan Telur. Kanisius. Yogyakarta.
- Suwignyo, B and H. Sasongko. 2019. The Effect of Fresh and Hay Alfalfa (*Medicago sativa* L.) Supplementation on Hybrid Duck Performance. The International Conference on Smart and Innovative Agriculture (ICoSIA) 387: 1-4
- Suwignyo, B., S. I. N Samur, E. Suryanto., and C. Hanim. 2021. The effect of hay alfalfa (*Medicago sativa* L.) supplementation in different basal feed on the feed intake (fi), body weight, and feed conversion ratio of hybrid ducks. The International Conference on Smart and Innovative Agriculture (ICoSIA) 686: 1-5
- Suwignyo, B., A. Mustika, Kustantinah, L. M. Yusiati. dan B. Suhartanto. 2020. Effect of drying method on physical-chemical characteristics and amino acid content of tropical alfalfa (*Medicago sativa* L.) hay for poultry feed. American Journal of Animal and Veterinary Sciences 15(2): 118-122
- Suwignyo, B., B. Putra., N. Umami., C. Wulandari., dan Ristianto. 2016. Effect of phosphate fertilizer and arbuscular mycorrhizal fungi on the nutrient content, phosphate uptake and in vitro digestibility of alfalfa. Buletin Peternakan 40: 203-210.
- Suwignyo, B., B. Suhartanto, C. T. Noviandi, N. Umami, N. Suseno, Hermanto, dan B. W. H. E. Prasetyono. 2017. Generative plant characteristics alfalfa (*Medicago sativa* L.) on different levels of dolomite dan lighting duration. Proceeding of the 1st International Conference on Tropical Agriculture. 353-361.
- Suwignyo, B., L. Arifin, N. Umami, Muhlisin, and B. Suhartanto. 2021. The performance and genetic variation of first and second generation tropical alfalfa (*Medicago sativa* L.). Biodiversitas. Journal of Biological Diversity. 22(6): 3265-3270.
- Suwignyo. B., F. Izzati., A. Astuti., dan E. A. Rini. 2020. Nutrient content of Alfalfa (*Medicago sativa* L.) regrowth I in different fertilizers and

- lighting. Faculty of Animal Science. Gadjah Mada University. Yogyakarta. The International Conference on Smart and Innovative Agriculture (ICoSIA) 465: 1-6
- Talukder, S., Islam, T., Sarker, S., & Islam, M. 2010. Effects of environment on layer performance. *Journal of the Bangladesh Agricultural University* 8(2): 253–258.
- Touchburn, S. P., V. D. Chamberlin., E. C. Naber. 1972. Unidentified Factors in Turkey Nutrition Affecting Hetchability and Progeny. *Journal of Poultry Science* 51:96-103.
- Tumiran, W., C. L. K. Sarajar., F. J. Nagoy., J. T. Lihad. 2017. Pemanfaatan tepung manure hasil degradasi larva lalat hitam (*Hermetia illucens* L.) terhadap berat telur, berat kuning telur dan massa telur ayam kampung. *Jurnal Zootek* 37(2):378-385.
- USDA. 2011. Germplasm Resources Information Network (GRNI). United State Departement og Agriculture, Agriculture Research Service, Bellsville Area.
- Vavich, M. G., A. Wertz., and A. R. Kemmerer. 1955. Growth stimulating factors in alfalfa for chicks. *Journal of Poultry Science* 32:433-436.
- Widoretno, H. H., I. A. P. Utami., dan I. G. N. G. Bidura. 2018. Pengaruh pemberian ekstrak air daun mengkudu (*Morinda citrifolia* L.) melalui air minum terhadap produksi telur ayam lohman brown umur 22-30 minggu. *Journal of Tropical Animal Science*. 6(2): 335-349.
- Widyasworo, A. K. dan E. Trijana. 2016. Pengaruh perbedaan kandang terhadap produktivitas ayam petelur fase grower. *Jurnal Aves*. 10(2): 44-49.