

Publication List

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Book and Book Chapters

L. R. McDowell, and **J. D. Arthington**. 2005. Minerals for Grazing Ruminants in Tropical Regions. 4th Edition Bulletin. Mineral Research Project. University of Florida, Department of Animal Sciences, Gainesville (*available in English and Spanish*).

Arthington, J.D., W.E. Kunkle, and A.M. Martin. 2002. Citrus pulp for cattle. In: G. Rogers and M. Poore (eds.) *The Veterinary Clinics of North America – Food Animal Practice*. p. 317. W.B. Saunders Company, Philadelphia, PA.

Refereed Journals

Silva, G. M., C. D. Chalk, J. Ranches, T. M. Schulmeister, D. D. Henry, N. DiLorenzo, **J. D. Arthington**, P. Moriel, and P. A. Lancaster. 2020. Effect of rumen-protected methionine supplementation to beef cows during periconception period on performance of cows, calves and subsequent offspring. *Animal*. (In Press)

Piccolo, M. B., **J. D. Arthington**, G. M. Silva, G. C. Lamb, R. F. Cooke, and P. Moriel. 2018. Pre-weaning injections of bovine ST enhanced reproductive performance of *Bos indicus*-influenced replacement beef heifers. *J. Anim. Sci.* 96:618-631.

Vendramini, J.M.B., P. Moriel, R.F. Cooke, **J.D. Arthington**, H.M. da Silva, M.B. Piccolo⁹, J.M.D. Sanchez⁹, V.C. Gomes, and P.M. de Campos. 2018. Effects of monensin inclusion into increasing amount of concentrate on growth and physiological parameters of early-weaned beef calves consuming warm-season grasses. *J. Anim. Sci.* 96:5112-5123.

Moriel, P., G.M. Silva⁹, M.B. Piccolo⁹, J. Ranches⁹, J.M.B. Vendramini, and **J.D. Arthington**. 2018. Supplementation of encapsulated cinnamaldehyde and garlic oil on pre- and post-weaning performance of beef cattle fed warm-season forages. *Prof. Anim. Sci.* 34:275-283.

Burdick Sanchez, N.C., J.A. Carroll, **J.D. Arthington**, P.A. Lancaster. 2017. Exposure to lipopolysaccharide in utero alters the postnatal metabolic response in heifers. *J. Anim. Sci.* 95:5176-5183.

Moriel, P., P. Lancaster, G. C. Lamb, J. M. B. Vendramini, and **J. D. Arthington**. 2017. Effects of post-weaning growth rate and puberty induction protocol on reproductive performance of *Bos indicus*-influenced beef heifers. *J. Anim. Sci.* 95:3523-3531.

Moriel, P., J.M.B. Vendramini, **J.D. Arthington**, A.D. Aguiar, and G.P. Caputti. 2017. Effects of crude protein level and degradability of limited creep-feeding supplements on performance of beef cow-calf pairs grazing limpoggrass pastures. *Livest. Sci.* 200:1-5.

Martins, P.G.M.A., P. Moriel, G.P. Caputti, J.M.B. Vendramini, and **J.D. Arthington**. 2017. Effects of multiple oral administrations of Fenbendazole on growth and fecal nematode infestation of early-weaned beef calves grazing perennial, warm-season or annual, cool-season grasses. *Prof. Anim. Sci.* 33:432-439.

Martins, P.G.M.A., P. Moriel, and **J.D. Arthington**. 2017. Effects of storage temperature and repeated freeze-thaw cycles on stability of bovine plasma concentrations of haptoglobin and ceruloplasmin. *J. Vet. Diagn. Invest.*

- Caramalac, L.S., A.S. Netto, P.G.M.A. Martins, P. Moriel, J. Ranches, H.J. Fernandes, and **J.D. Arthington**. 2017. Effects of hydroxy sources of copper, zinc, and manganese on measures of supplement intake, mineral status, and pre- and post-weaning performance of beef calves. *J. Anim. Sci.* 95:1739-1750.
- Ranches, J., J.M.B. Vendramini, and **J.D. Arthington**. 2017. Effects of selenium biofortification of hayfields on measures of selenium status in cows and calves consuming these forages. *J. Anim. Sci.* 95:120-128.
- Carroll, J.A., N.C. Burdick Sanchez, **J.D. Arthington**, C.D. Nelson, A.L. Benjamin, F.T. Korkmaz, D.E. Kerr, and P.A. Lancaster. 2017. In utero exposure to LPS alters the postnatal acute-phase response in beef heifers. *Innate Immun.* 23:97-108.
- Vendramini, J.M.B., J.D. Arthington, F.C. Leite de Oliveira, A.D. Aguiar, P. Moriel, J.M.D. Sanches, C.V.S. Filho, and J.K. Yarborough. 2016. Triticale-annual ryegrass mixture effects on forage characteristics and performance of early-weaned calves. *Prof. Anim. Sci.* 32:827-832.
- Martins, P.G.M.A., P. Moriel, J.M.B. Vendramini, and **J.D. Arthington**. 2016. Evaluation of 2 sugarcane molasses feeding strategies on measures of growth and reproductive performance of replacement beef heifers. *Prof. Anim. Sci.* 32:302-308.
- Campistol, C., H.G. Kattesh, J.C. Waller, E.L. Rawls, **J.D. Arthington**, J.A. Carroll, G.M. Pighetti, and A.M. Saxton. 2016. Effects of pre-weaning feed supplementation and total versus fenceline weaning on the physiology and performance of beef steers. *Int. J. Livest. Prod.* 7:48-54.
- Aguiar, A.D., J.M.B. Vendramini, **J.D. Arthington**, L.E. Sollenberger, G. Caputti, J.M.D. Sanchez, O.F.R. Cunha, and W.L. da Silva. 2015. Limited creep-feeding supplementation effects on performance of beef cows and calves grazing limpograss pastures. *Livest. Sci.* 180:129-133.
- Davis, K.M., T. Smith, B. Bolt, S. Meadows, J.G. Powell, R.C. Vann, **J.D. Arthington**, N. DiLorenzo, D.L. Lalman, F.M. Rouquette, Jr., G.R. Hansen, A.J. Cooper, J.E. Cloud, M.D. Garcia, A.D. Herring, D.S. Hale, J.O. Sanders, T.B. Hairgrove, T.J. DeWitt, and D.G. Riley. 2015. Technical note: Digital quantification of eye pigmentation of cattle with white faces. *J. Anim. Sci.* 93:3654-3660.
- Hersom, M., A. Imler, T. Thrift, J. Yelich, and **J.D. Arthington**. 2015. Comparison of feed additive technologies for preconditioning of weaned beef calves. *J. Anim. Sci.* 93:3169-3178.
- Aguiar, A.D., J.M.B. Vendramini, **J.D. Arthington**, L.E. Sollenberger, N. DiLorenzo, and M.J. Hersom. 2015. Performance of beef cows and calves fed different sources of rumen-degradable protein while grazing stockpiled limpograss pastures. *J. Anim. Sci.* 93:1923-1932.
- Mercadante, V.R.G., K.M. Waters, G.H.L. Marquezini, D.D. Henry, F.M. Ciriaco, **J.D. Arthington**, N. DiLorenzo, and G.C. Lamb. 2015. Effects of anti-phospholipase A2 antibody supplementation on dry matter intake, feed efficiency, acute phase response, and blood differentials of steers fed forage- and grain-based diets. *J. Anim. Sci.* 93:776-785.
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Arthington, J.D., P. Moriel, P.G. M. A. Martins, G. C. Lamb, and L. J. Havenga. 2014. Effects of trace mineral injections on measures of performance and trace mineral status of pre- and post-weaned beef calves. *J. Anim. Sci.* 92:2630-2640.

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Moriel, P., and **J.D. Arthington**. 2013. Metabolizable protein supply modulated the acute-phase response following vaccination of beef steers. *J. Anim. Sci.* 91:5838-5847.

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Moriel, P., and **J.D. Arthington**. 2013. Effects of trace mineral-fortified supplements on performance of pre- and post-weaned beef calves. *J. Anim. Sci.* 91:1371-1380.

Moriel, P., and **J.D. Arthington**. 2013. Effects of molasses-based creep-feeding supplementation on growth performance of pre- and post-weaned beef calves. *Livest. Sci.* 151:171-178.

Vendramini, J.M.B., **J.D. Arthington**, and L.E. Sollenberger. 2013. Effects of increasing rumen-undegradable protein supplementation levels on early weaned calves grazing stargrass. *Crop Sci.* 53:322-328.

Martins, P.G.M.A., **J.D. Arthington**, R.F. Cooke, G.C. Lamb, D.B. Araujo, C.A.A. Torres, J.D. Guimaraes, and A.B. Mancio. 2012. Evaluation of beef cow and calf separation systems to improve reproductive performance of first-calf cows. *Livest. Sci.* 150:74-79.

Moriel, P., R.F. Cooke, D.W. Bohnert, J.M.B. Vendramini, and **J.D. Arthington**. 2012. Effects of energy supplementation frequency and forage quality on performance, reproductive, and physiological responses of replacement beef heifers. *J. Anim. Sci.* 90:2371-2380.

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