

**PEER REVIEWED, REFEREED JOURNAL ARTICLES**

- R101** Lupton, C.J. 1975. Qualitative analysis of carboxylic acids by partition thin-layer chromatography. *J. Chromatog.* 104, 1:223-224.
- R102** East, G.C., C.J. Lupton, and E.V. Truter. 1975. The thermal oxidation of pyrrolidine. *Analytica Chimica Acta.* 75:468-473.
- R103** East, G.C., C.J. Lupton, and E.V. Truter. 1975. Composition of the brown material from oxidized nylon 6. *Text. Res. J.* 45:863-868.
- R104** Lupton, C.J. and J.E. Loughlin. 1975. A new technique for immunizing cotton. *Text. Res. J.* 45, 1:92.
- R105** Lupton, C.J. 1979. Utilization of short wool on the cotton system of yarn manufacturing. *Techn.* 6, 1:26-28.
- R106** Lupton, C.J. 1980. Wool processing on the cotton system: a comparison between cut-top wool and six-month shorn wool in a blend with polyester. *Text. Res. J.* 50, 2:119-129.
- R107** Lupton, C.J. and S. Khan. 1984. The production and performance of wool blend fabrics composed of yarns spun on the cotton system. *Text. Res. J.* 54, 2:82-92.
- R108** Shelton, M. and C.J. Lupton. 1986. Where there's wool, there's a way. *Sci. Food Agric.* 4, 4:6-11.
- R109** Lupton, C.J. 1987. The role of objective measurements in wool research and marketing. *SID Res. Dig.* 3, 3:21-25.
- R110** Willingham, T., M. Shelton and C.J. Lupton. 1988. The influence of introducing the Booroola Merino genotype to Rambouillet flocks on reproduction and fleece traits in comparison with other selected breed crosses. *SID Res. J.* 4, 2:1-5.
- R111** Holcombe, D.W., D.M. Hallford, W.C. Hoefler, T.T. Ross and C.J. Lupton. 1988. Wool quality and yield in fine-wool ewe lambs after short-term administration of ovine growth hormone. *SID Res. J.* 4, 2:21-25.
- R112** Blakeman, N.E., C.J. Lupton and F.A. Pfeiffer. 1988. A sonic digitizer technique for measuring medullation in mohair. *Text. Res. J.* 58, 9:555-556.
- R113** Lupton, C.J. 1989. A review: current grades, quantities and uses of wool in the United States. *SID Res. J.* 5, 2:34-44.
- R114** Lupton, C.J., F.A. Pfeiffer and N.E. Blakeman. 1989. Optimizing the value of grease wool through preparation and marketing. *SID Res. J.* 5, Special Issue:1-20.
- R115** Iman, N.Y., R.H. Stobart, C.L. Johnson, W.C. Russell, C.J. Lupton and M. Shelton. 1990. Prediction of variation of fiber diameter in wool fleeces. *SID Sheep Res. J.* 6, 3:1-5.
- R116** Lupton, C.J., F.A. Pfeiffer and N.E. Blakeman. 1991. Medullation in mohair. *Small Rumin. Res.* 5:357-365.

- R117** Blakeman, N.E., C.J. Lupton and F.A. Pfeiffer. 1991. Strength and resistance to compression of U.S. wools. *Sheep Res. J.* 7, 2:4-7.
- R118** Qi, K., C.D. Lu, F.N. Owens and C.J. Lupton. 1992. Sulfate supplementation of Angora goats: metabolic and mohair responses. *J. Anim. Sci.* 70:2828-2837.
- R119** Lupton, C.J., F.A. Pfeiffer, N.E. Blakeman, D.N. Ueckert, and J.E. Huston. 1992. Effects of skirting on yield, fineness, and value of wool from fine-wool range ewes. *J. Anim. Sci.* 70:3657-3664.
- R120** Lupton, C.J., F.A. Pfeiffer and N.E. Blakeman. 1993. Economic impact of pre-sale fiber measurements on prices paid for wool. *SID Sheep Res. J.* 9, 1:35-37.
- R121** Huston, J.E., C.A. Taylor, C.J. Lupton, and T.D. Brooks. 1993. Effects of supplementation on intake, growth rate, and fleece production by female Angora kid goats grazing rangeland. *J. Anim. Sci.* 71:3124-3130.
- R122** Qi, K., C.J. Lupton, F.A. Pfeiffer, and D.L. Minikhiem. 1994. Evaluation of the Optical Fibre Diameter Analyser (OFDA) for measuring fiber diameter parameters of sheep and goats. *J. Anim. Sci.* 72:1675-1679.
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- R124** Qi, K., and C.J. Lupton. 1994. A review of the effects of sulfur nutrition on wool production and quality. *Sheep and Goat Res. J.* 10, 2:133-140.
- R125** Qi, K., C.D. Lu, F.N. Owens, and C.J. Lupton. 1994. Effects of sulfate supplementation on performance, acid-base balance, and nutrient metabolism in Angora kids. *Small Rumin. Res.* 15:19-29.
- R126** Qi, K., C.J. Lupton, and F.N. Owens. 1994. A review of amino acid requirements for fiber growth of sheep and Angora goats. *Sheep and Goat Res. J.* 10, 3:160-167.
- R127** Minikhiem, D.L., C.J. Lupton, F.A. Pfeiffer, K. Qi, and J.R. Marschall. 1995. Effects of style and character of U.S. mohair on top properties. *Sheep and Goat Res. J.* 11, 2:54-57.
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- R129** Lupton, C.J. 1995. Standard deviation of fiber diameter and other characteristics of United States wool. *Sheep and Goat Res. J.* 11, 3:111-121.

- R130** Bunge, R., D.L. Thomas, T.G. Nash, and C.J. Lupton. 1995. Performance of hair breeds and prolific wool breeds of sheep in southern Illinois: wool production. *J. Anim. Sci.* 74, 1:25-30.
- R131** Lupton, C.J., J.E. Huston, J.W. Holloway, B.G. Warrington, D.F. Waldron, P.V. Thompson, F.A. Pfeiffer, and K. Qi. 1996. Animal performance and fleece characteristics of Angora goats maintained on western and southern Texas rangeland. *J. Anim. Sci.* 74, 3:545-550.
- R132** Lupton, C.J. 1996. Prospects for expanded mohair and cashmere production and processing in the United States of America. *J. Anim. Sci.* 74, 5:1164-1172.
- R133** Lupton, C.J., D.F. Waldron, and F.A. Pfeiffer. 1997. Fiber diameter measurements of Angora goats on performance test. *Sheep and Goat Res. J.* 13, 1:1-5.
- R134** Salisbury, M.W., G.R. Engdahl, B.J. May, and C.J. Lupton. 1997. Effects of protein source on performance of Rambouillet rams. *Sheep and Goat Res. J.* 13, 2:78-81.
- R135** Lupton, C.J., D.F. Waldron, and F.A. Pfeiffer. 1997. Fiber diameter measurements of fine-wool rams on performance test. *Sheep and Goat Res. J.* 13, 2:82-86.
- R136** Snowden, G.D., C.J. Lupton, J.M. Shelton, R.W. Kott, G.E. Bradford, M.R. Dally, A.D. Knight, H.A. Glimp, J.N. Stellflug, P.J. Burfening, and P.V. Thompson. 1997. Comparison of U.S. fine-wool breeds and Australian Merino F<sub>1</sub> crosses: I. Wool characteristics and body weight. *Sheep & Goat Res. J.* 13, 3:108-115.
- R137** Snowden, G.D., J.M. Shelton, V.M. Thomas, R.W. Kott, M.R. Dally, G.E. Bradford, A.D. Knight, T.D. Willingham, H.A. Glimp, C.J. Lupton, and H. Sakul. 1997. Comparison of U.S. fine-wool breeds and Australian Merino F<sub>1</sub> crosses: II. Growth and carcass characteristics. *Sheep and Goat Res. J.* 13, 3:116-121.
- R138** Snowden, G.D., J.M. Shelton, V.M. Thomas, R.W. Kott, G.E. Bradford, C.J. Lupton, M.R. Dally, A.D. Knight, T.D. Willingham, H.A. Glimp, and P.V. Thompson. 1997. Comparison of U.S. fine-wool breeds and Australian Merino F<sub>1</sub> crosses: III. Lamb production. *Sheep and Goat Res. J.* 13, 3:122-126.
- R139** Lupton, C.J. and F.A. Pfeiffer. 1998. Measurement of medullation in wool and mohair using an Optical Fibre Diameter Analyser. *J. Anim. Sci.* 76, 5:1261-1266.
- R140** Walz, L.S., T.W. White, J.M. Fernandez, L.R. Gentry, D.C. Blouin, M.A. Froetschel, T.F. Brown, C.J. Lupton, and A.M. Chapa. 1998. Effects of fish meal and sodium bentonite on daily gains, wool growth, carcass characteristics, and blood characteristics of lambs fed concentrate diets. *J. Anim. Sci.* 76:2025-2031.

- R141** Lupton, C.J., F.A. Pfeiffer, and A.R. Dooling. 1999. Prediction of cashmere style using objective fiber measurements. *Sheep & Goat Res. J.* 15, 1:1-4.
- R142** Salisbury, M.W., D.F. Waldron, G.R. Engdahl, C.J. Lupton, C.B. Scott, and B.J. May. 1999. Central test performance of Rambouillet rams as a predictor for growth and wool traits in feedlot and range environments. *Sheep & Goat Res. J.* 15, 2:80-86.
- R143** Coleman, S.W., C.J. Lupton, F.A. Pfeiffer, D.L. Minikheim, and S.P. Hart. 1999. Prediction of clean mohair, fiber diameter, vegetable matter, and medullated fiber with Near-Infrared Spectroscopy. *J. Anim. Sci.* 77:2594-2602.
- R144** Credille, K.M., C.J. Lupton, R.A. Kennis, R.L. Maier, J. Dziezyc, S. Castle, G.A. Reinhart, G.M. Davenport, and R.W. Dunstan. 2000. The role of nutrition on the canine hair follicle: a preliminary report. In: *Recent Advances in Canine and Feline Nutrition*. Vol. 3. G.A. Reinhart and D.P. Cary, Eds. Orange Frazer Press, Wilmington, OH:37-54.
- R145** Lupton, C.J., P.V. Thompson, and F.A. Pfeiffer. 2000. Relationship of face cover with productivity of Angora does on rangeland. *Sheep & Goat Res. J.* 16, 3:136-139.
- R146** Rowell, J.E., C.J. Lupton, M.S. Robertson, F.A. Pfeiffer, J.A. Nagy, and R.G. White. 2001. Fiber characteristics of qiviut and guard hair from wild muskoxen (*Ovibos moschatus*). *J. Anim. Sci.* 79, 7:1670-1674.
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- R150** Rhee, K.S., C.J. Lupton, Y.A. Ziprin, and K.C. Rhee. 2003. Carcass traits of Rambouillet and Merino x Rambouillet lambs and fatty acid profiles of muscle and subcutaneous adipose tissue as affected by new sheep production systems. *J. Meat Sci.* 65:693-699.
- R151** Rhee, K.S., C.J. Lupton, Y.A. Ziprin, and K.C. Rhee. 2003. Effects of sheep production systems on oxidative storage stability of lean lamb patties. *J. Meat Sci.* 65:701-706.

- R152** Lupton, C.J., D.F. Waldron, and F.A. Pfeiffer. 2003. Interrelationships of traits measured on fine-wool rams during a central performance test. *Sheep & Goat Res. J.* 18:1-7.
- R153** [Laughlin, A.M., D.F. Waldron, B.F. Craddock, G.R. Engdahl, R.K. Dusek, J.E. Huston, C.J. Lupton, D.N. Ueckert, T.L. Shay, and N.E. Cockett. 2003. Use of DNA markers to determine paternity in a multiple-sire mating flock. \*Sheep & Goat Res. J.\* 18:14-17.](#)
- R154** Lupton, C.J., B.A. Freking, and K.A. Leymaster. 2004. Evaluation of Dorset, Finnsheep, Romanov, Texel, and Montadale breeds of sheep: III. Wool characteristics of F<sub>1</sub> ewes. *J. Anim. Sci.* 82:2293-2300.
- R155** Lupton, C.J., A. McColl, and R.H. Stobart. 2006. Fiber characteristics of the Huacaya alpaca. *Small Rumin. Res.* 64, 3:211-224.
- R156** Rodgers, A.D., C.J. Lupton, and S.D. Lukefahr. 2006. Fiber production and properties of genetically furred and furless rabbits. *J. Anim. Sci.* 84:2566-2574.
- R157** Walker, J.W., E.S. Campbell, C.J. Lupton, C.A. Taylor, Jr., D.F. Waldron, and S.Y. Landau. 2007. Effects of breed, sex, and age on the variation and the ability of fecal near-infrared reflectance spectra to predict the composition of goat diets. *J. Anim. Sci.* 85:518-526.
- R158** Lupton, C.J., J.E. Huston, B.F. Craddock, F.A. Pfeiffer, and W.L. Polk. 2007. Comparison of three systems for concurrent production of lamb meat and wool. *Small Rumin. Res.* 72, 2-3: 133-140.
- R159** Campbell, E.S., C.A. Taylor, J.W. Walker, C.J. Lupton, , D.F. Waldron, and S.Y. Landau. 2007. Effects of supplementation on juniper intake by goats. *Rangeland Ecol. Manage.* 60:588-595.
- R160** Lupton, C.J., J.E. Huston, J.W. Hruska, B.F. Craddock, F.A. Pfeiffer, and W.L. Polk. 2008. Comparison of three systems for concurrent production of high quality mohair and meat from Angora male kids. *Small Rumin. Res.* 74:64-71.
- R161** Lupton, C.J. 2008. Impacts of animal science research on United States sheep production and predictions for the future. *J. Anim. Sci.* 86:3252-3274.
- R162** Waldron, D. F., C. A. Taylor, Jr., J. W. Walker, E. S. Campbell, C. J. Lupton, T. D. Willingham, and S. Y. Landau. 2009. Heritability of juniper consumption in goats. *J. Anim. Sci.* 87:491-495.
- R163** Lupton, C. J., E. S. Campbell, B. S. Engdahl, T. D. Lovett, F. A. Pfeiffer, C. A. Taylor, Jr., D. F. Waldron, and J. W. Walker. 2009. Selecting Angora goats to consume more juniper. *Tropical and Subtropical Agroecosystems J.* 11:59-64.