

Review

Review: Recent advances in evaluation of bags made from different textiles used in situ ruminal degradation

T. N. P. Valente, E. Detmann, and
C. B. Sampaio 493–498

Welfare, Behaviour and Management

Comparing grazing and resting electivity of beef cattle for BC bunchgrass communities using GPS collars

D. J. Thompson, B. J. Wheatley, J. S. Church,
R. Newman, and J. Walker 499–507

Welfare of horses transported to slaughter in Canada: Assessment of welfare and journey risk factors affecting welfare

R. C. Roy, M. S. Cockram, and I. R. Dohoo 509–522

Injuries in horses transported to slaughter in Canada

R. C. Roy, M. S. Cockram, I. R. Dohoo, and
C. B. Riley 523–531

SHORT COMMUNICATION: Birdsfoot trefoil as a preventative treatment for gastrointestinal nematodes in pastured dairy heifers

E. Shepley, E. Vasseur, R. Bergeron, A. Villeneuve,
and S. Lachance 533–537

SHORT COMMUNICATION: Field study of air ammonia concentrations in Ontario dairy calf housing microenvironments

J. Kaufman, M. Linnington, V. R. Osborne,
C. Wagner-Riddle, and T. C. Wright 539–542

Breeding and Genetics

Spontaneous sister chromatid exchange in mitotic chromosomes of the chinchilla (*Chinchilla lanigera*)

M. Kuchta-Gładysz, E. Wójcik, O. Szeleszczuk,
P. Niedbała, and K. Tyblewska 543–550

Molecular cloning and characterization of porcine interferon-induced protein with tetratricopeptide repeats (IFIT) 5

J. Zhang, S.-y. Shao, L.-z. Li, D. Liu, and
X.-q. Yang 551–556

Meat Science

SHORT COMMUNICATION: The Pre-transport management of antemortem stress in cattle: Impact on carcass yield

B. Grumpelt, W. Hoffer, O. Curie, O. Jones, K. Jones,
D. Kimmel, B. McDonald, R. Paterson, and
A. Schaefer 557–560

Nonruminant Nutrition

Dietary fenugreek seed extract improves performance and reduces fecal *E. coli* counts and fecal gas emission in lactating sows and suckling piglets

M. M. Hossain, M. Begum, C. M. Nyachoti,
J. D. Hancock, and I. H. Kim 561–568

SHORT COMMUNICATION: Antioxidant capacity in the intestinal mucosa of weanling piglets fed diets containing *Fusarium* mycotoxins and the efficacy of commercial supplements sold as detoxifiers

B. Van Le Thanh, M. Lessard, Y. Chorfi, and
F. Guay 569–575

Ruminant Nutrition

Effect of glycerol in combination with alfalfa on in vitro gas production and microbial protein synthesis

Á. R. Alfonso-Ávila, E. Charbonneau, C. Lafrenière,
and R. Berthiaume 577–588

Feeding subtherapeutic antimicrobials to low-risk cattle does not confer consistent performance benefits

K. Stanford, D. J. Gibb, K. S. Schwartzkopf-Genswein,
F. Van Herk, and T. A. McAllister 589–597

Evaluation of canola meal derived from *Brassica juncea* and *Brassica napus* seed as an energy source for feedlot steers

J. Nair, G. B. Penner, P. Yu,
H. A. Lardner, T. McAllister, D. Damiran, and
J. J. McKinnon 599–607

Effects of zilpaterol hydrochloride and zinc methionine on growth performance and carcass characteristics of beef bulls

M. A. Rodríguez-Gaxiola, I. A. Domínguez-Vara,
R. Barajas-Cruz, M. A. Mariezcurrema-Berasain,
J. L. Bórquez-Gastelum, and
B. J. Cervantes-Pacheco 609-615

Licuri oil supplements for lactating cows on pasture

L. S. Lima, R. L. Oliveira, A. F. Garcez Neto,
A. R. Bagaldo, C. L. Abreu, T. M. Silva,
S. T. Carvalho, and L. R. Bezerra 617-624

Feeding a brown midrib corn silage-based diet to growing beef steers improves growth performance and economic returns

C. S. Saunders, S. Y. Yang, J.-S. Eun, D. M. Feuz,
and D. R. ZoBell 625-631

Summaries of Communications: Proceedings of the 2015 Meeting of the Animal Science Modelling Group

633-643