

**Canadian Society of Animal Science
Tuesday, July 18, 2000
Theatre Presentations**

Session: Ruminant Nutrition I
Session Chair: Priya Mir, Lethbridge Research Centre, Agriculture and Agri-Food Canada

	Presenter	Title
8:20	Priya Mir Lethbridge Research Centre, Agriculture and Agri-Food Canada	Introductory remarks
8:40	Paul Sharpe Kemptville College, University of Guelph	Feeding value of sorghum and pearl millet silages for beef
9:00	Philip McEwen Ridgetown College, University of Guelph	The influence of corn silage variety on beef steer growth performance
9:20	Gavin Bowman University of British Columbia	Dry matter digestibility of three forages evaluated in situ and <i>in vitro</i> using cattle fed high-forage, high- concentrate or mixed diets
9:40	Stephanie Wielgosz Department of Animal and Poultry Science University of Saskatchewan	The effects of feeding pea silage to steers on ruminal and total tract nutrient utilization
10:10	Refreshment Break	

Session: Ruminant Nutrition II
Session Chair: Priya Mir, Lethbridge Research Centre, Agriculture and Agri-Food Canada

Time	Presenter	Title
10:10- 10:20	Priya Mir Lethbridge Research Centre, Agriculture and Agri-Food Canada	Introductory remarks
10:20- 10:40	Dennis McKnight Kemptville College, University of Guelph	Effect of a probiotic yeast supplement on performance of transition holstein cows
10:40- 11:00	John McKinnon Department of Animal and Poultry Science, University of Saskatchewan	Effects of sodium sulphite on neutral detergent fibre and neutral detergent insoluble protein content of ruminant feeds

11:00-11:20	Erasmus Okine Lacombe Research Centre, Agriculture and Agri-Food Canada	Effects of feeding isoenergetic concentrate and roughage diets on adipogenic and antiadipogenic components in plasma of beef cattle
11:20-11:40	Ryan Thompson Department of Animal and Poultry Science, University of Saskatchewan	Effects of ammoniation on chemical composition and in situ ruminal nutrient degradability of oat hulls
11:40-12:00	Abs Scheaffer Department of Animal and Range Science, North Dakota State University	Influence of field pea supplementation on intake and performance of gestating beef cows fed grass hay diets

Session: Ruminant Nutrition III

Session Chair: T.B.A.

Time	Presenter	Title
14:00-14:05	T.B.A.	Introductory Remarks
14:05-14:25	Marina Maekawa Department of Animal and Poultry Science, University of Saskatchewan	Eating behavior and saliva production of primiparous and multiparous dairy cows
14:25-14:45	Karen Beauchemin Lethbridge Research Centre, Agriculture and Agri-Food Canada	Relationship between low ruminal pH and fibre digestion or efficiency of microbial synthesis in cattle.
14:45-15:05	Henry Soita Department of Animal and Poultry Science University of Saskatchewan	Effect of barley silage particle size and concentrate level on rumen fermentation patterns and nutrient utilization by steers
15:05-15:25	Amy Radunz Department of Animal and Range Science North Dakota State University	Effects of tempering and a yeast/enzyme mixture on intake, ruminal fermentation, and <i>in situ</i> disappearance in steers fed barley based finishing diets
15:25-15:45	Arif Mustafa Department of Animal and Poultry Science, University of Saskatchewan	Effects of heat treatment on ruminal under graded amino and fatty acid contents of a canola seed-pea blend
15:45-16:05	Arif Mustafa Department of Animal and Poultry Science, University of	Ruminal degradability of neutral detergent insoluble protein of selected protein sources

	Poultry Science, University of Saskatchewan	
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Session: Reproductive Physiology
Session Chair: Alma Kennedy, Department of Animal Science, University of Manitoba

Time	Presenter	Title
8:15 – 8:20	Alma Kennedy Department of Animal Science, University of Manitoba	Introductory Remarks
8:20 – 8:40	Nanette Glover Brandon Research Centre, Agriculture and Agri-Food Canada	Effects of photoperiod on replacement heifer development
8:40 – 9:00	Julie Small Brandon Research Centre, Agriculture and Agri-Food Canada	Timed AI of beef cows: The efficacy of timing GnRH and insemination at 48, 66 or 72 h after prostaglandin-F2-alpha
9:00 – 9:20	John Kastelic Lethbridge Research Centre, Agriculture and Agri-Food Canada	Effects of fresh versus frozen semen and time of AI on pregnancy rates in beef heifers synchronized with MGA and estradiol
9:20 – 9:40	Divakar Ambrose Alberta Agriculture	Pregnancy rates in dairy cows after GnRH treatment at 7, 14, or 7 and 14 days after timed insemination.
9:40 – 10:10	Refreshment Break	

Session: Pastures & Forages
Session Chair: T.B.A.

Time	Presenter	Title
10:10-10:20	T.B.A.	Introductory remarks
10:20-10:40	Juanita Kopp Department of Animal Science, University of Manitoba	Forage production and persistence of rotationally grazed alfalfa-meadow bromegrass and meadow bromegrass-only pastures
10:40-11:00	Jennifer Fleming Department of Animal & Poultry Science, University of Guelph	Performance comparison of pregnant beef cows strip grazing fall stockpiled pasture with cows housed indoors

	Science, University of Guelph	housed indoors
11:00-11:20	Tim McAllister Lethbridge Research Centre, Agriculture and Agri-Food Canada	Chemical prevention of pasture bloat
11:20-11:40	Ed Charmley Crops and Livestock Research Centre Agriculture and Agri-Food Canada	Improving silage fermentation through wilting and direct acidification
11:40-12:00	Ed Charmley Crops and Livestock Research Centre Agriculture and Agri-Food Canada	The effect of early and late turnout on weight loss by feeder cattle on spring pasture

Session: Physiology & Management
Session Chair: T.B.A.

Time	Presenter	Title
14:00-14:05	T.B.A.	Introductory Remarks
14:05-14:25	Ian Christison University of Saskatchewan	The roles of light and carpet in attracting newborn piglets to warm creep areas
14:25-14:45	Robert Berry Department of Animal Science University of Manitoba	The effect of simulated transport duration and temperature upon the performance of early weaned piglets
14:45-15:05	Jacob Moibi Department of Agricultural, Food & Nutritional Science, University of Alberta	Effect of a beta-agonist (L-644,969) on the rates of fatty acid synthesis and activity of lipogenic enzymes in cold-exposed sheep.
15:05-15:25	Julie Small Lethbridge Research Centre Agriculture and Agri-Food Canada	The effects of the timing of once-a-day winter feeding and different combinations of growth promotants on finishing steers
15:25-15:45	Shannon Scott Brandon Research Centre Agriculture and Agri-Food Canada	Use of infrared thermography for early detection of mastitis in dairy cows

15:45- 16:05	Kim Ominski Department of Animal Science University of Manitoba	A characterization of the physiological and production responses of lactating dairy cows during and following short-term heat exposure
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Session: Monogastric Nutrition
Session Chair: Martin Nyachoti, Department of Animal Science, University of Manitoba

Time	Presenter	Title
8:15 – 8:20	Martin Nyachoti Department of Animal Science, University of Manitoba	Introductory Remarks
8:20 – 8:40	Ted Van Lunen Crops and Livestock Research Centre Agriculture and Agri-Food Canada	Dietary enzyme and betaine supplementation for young pigs
8:40 – 9:00	Guishan Huang Department of Agricultural, Food & Nutritional Science, University of Alberta	Methods of measuring energy and protein digestibility in pigs
9:00 – 9:20	Anna Shoveller Department of Agricultural, Food & Nutritional Science, University of Alberta	The methionine requirement of piglets is affected by first pass metabolism by the gut but the proportion spared by cysteine is not
9:20 – 9:40	Augustine Owusu-Asiedu Department of Animal Science, University of Manitoba	Spray-dried porcine plasma (SDPP): A therapeutic antibody against enterotoxigenic E. coli in early-weaned pig
9:40 – 10:10	Refreshment Break	

Session: Meats
Session Chair: T.B.A.

Time	Presenter	Title
10:10- 10:20	T.B.A.	Introductory remarks

10:20-10:40	Gerry Mears Lethbridge Research Centre Agriculture and Agri-Food Canada	Backfat depth, marbling scores and plasma hormone concentrations in double-muscled steers
10:40:11:00	Hossain Farid Department of Animal Science, Nova Scotia Agricultural College	Prediction of lamb carcass composition by ultrasound
11:00-11:20	Paul Kuber Department of Animal Science, Washington State University	Improving the tenderness of longissimus muscle from callipyge lamb
11:20-11:40	Peiqi Chen Department of Animal Science Iowa State University	Genetic improvement of pork quality traits
11:40-12:00	Korry Hintze Department of Animal and Range Science North Dakota State University	Factors that influence selenium content of beef

Agri-Food 2000 Thematic Sessions

Several CSAS abstracts have also been selected for inclusion in the Interdisciplinary Thematic Sessions, to be held on Wednesday, July 19, 2000.

For further information, please consult the CSAS 2000 Web Page:

<http://www.umanitoba.ca/outreach/csas2000>

Or visit the Agri-Food 2000 Web Page:

<http://www.agrifood2000.mb.ca>

Or contact:

Jim House, Ph.D.,
Chair, Local Organizing Committee,
CSAS 2000,
Department of Animal Science,
University of Manitoba,
Winnipeg, MB, R3T 2N2.
Phone: (204)-474-9523
Fax: (204)-474-7628
E-mail: j_house@umanitoba.ca