

CENTRALIA SWINE RESEARCH UPDATE
Kirkton-Woodham Community Centre
January 29, 2003

9:00 a.m. REGISTRATION and COFFEE

9:50 Opening Remarks

10:00	New Initiatives and Commitments to Pork Safety and Quality Research	I-1
	Dr. Peter Purslow, Chair, Dept. of Food Science, University Of Guelph	
10:15	Pig Variation - Genetic Conformity: Good or Bad.....	I-3
	Cathy Aker, Ontario Swine Improvement	
10:30	Re-focus of Topic from “Meat Research”	I-5
	Dan Cohoe, Quality Meat Packers Ltd.	
10:45	Sentinel Herds - What's Happening in Ontario	
	<i>Lawsonia intracellularis</i> - The Cause of Ileitis	
	Dr. Gaylan Josephson, Animal Health Laboratory, University of Guelph	
	Toxoplasmosis	
	Dr. Bob Friendship, Dept. of Population Medicine, University of Guelph	
11:15	Export Issues - Country of Origin Labelling (COOL).....	I-11
	Ken McEwan, Ridgetown College, University of Guelph	
11:30	Advanced Manure Management Technologies for Ontario	I-13
	Richard St. Jean, AMMTO Project Manager, Geomatrix Consultants Ltd.	
11:45	Manure and Cropping.....	I-16
	Dr. B. Ball Coelho, Agriculture & Agri-Food Canada	

LUNCH

1:15	New Ventures in Russia	I-18
	Jim Donaldson, Donaldson International Livestock Ltd., Tavistock	
1:30	Global Pork Trade and the Design of Pens for Dry Sows	I-21
	Dr. Tim Blackwell, Franklin Kains and Reid Wilson	
2:00	Optimum Dietary P Levels for Grower-Finisher Pigs.....	I-25
	Dr. C.F.M. de Lange, Dept. of Animal and Poultry Science, Univ. of Guelph	
2:15	Microbes and Gut Health: Pig Gut Flora Influenced by Dietary Antibiotics and Feed Additives	I-28
	<i>and</i> Gut Microbes and Mycotoxin: Can Chicken Gut Microbes Detoxify Vomitoxin?.....	
	Dr. Joshua Gong, Agriculture and Agri-Food Canada	
2:30	Report of Health Canada’s Advisory Committee on Antimicrobial Use and Resistance in Animals....	I-32
	Dr. Scott McEwen, Dept. of Population Medicine, University of Guelph	
3:00	Profiling the Spread of PRRS and Mycoplasma in Nurseries	I-33
	Dr. Cate Dewey, Dept. of Population Medicine, University of Guelph	
3:15	PRRS – New Methods of Transmission	I-34
	Dr. Ernest Sanford, Boehringer Ingelheim Vetmedica (Canada)	

WRITTEN-ONLY TOPICS

Deadstock Services and Changing Times	II-1
Gary Koebel, Ontario Ministry of Agriculture and Food	
Using a Decision Tree to Enhance the Handling of Compromised Pigs	II-4
Penny Lawlis, Ontario Ministry of Agriculture and Food	
Ontario Pork Industry Council Update	II-6
Richard Smelski, OPIC	
Canadian Quality Assurance®	II-7
Christine Ritter, Ontario Pork	
Trucker Quality Assurance	II-8
Christine Ritter, Ontario Pork	
2002 Research Projects Funded by Ontario Pork	II-9
Jean Howden, Ontario Pork	
Feeding Green Roasted Soybeans Does Not Affect Growth Performance and Carcass Quality of Finishing Pigs.....	II-13
Eric Jeaurond ¹ , Janice Murphy ² , Peter Vingerhoeds ³ , Kees de Lange ¹	
¹ Dept. of Animal and Poultry Science, Univ. of Guelph; ² OMAF; ³ BSC Animal Nutrition	
An Update on CIPHER - A Swine Enterprise Bench Marking Project	II-16
Ken McEwan, Economics and Business Group, Ridgetown College, Univ. of Guelph	
Animal Welfare Audits	II-18
Tina Widowski, Department of Animal and Poultry Science, University of Guelph	
Penny Lawlis, Ontario Ministry of Agriculture and Food	
Medicated Feeds – Where are We Now?	II-20
Casey Clarkson and Bill Groot-Nibbelink, Ontario Ministry of Agriculture and Food	
Sow and Litter Performance Following Farrowing Induction with PGF2 α and Dexamethasone	II-23
G. Cassar and R. Friendship, Univ. of Guelph, R.N. Kirkwood, Michigan State University	
Induction of Farrowing with Vulvomucosally Administered PGF2 α and Oxytocin	II-26
G. Cassar and R. Friendship, Univ. of Guelph, R.N. Kirkwood, Michigan State University	
Mechanical Solid-Liquid Separation of Livestock Manure	II-28
Ron Fleming, Ridgetown College, University of Guelph	
Update on Maximal Care of Piglets	II-30
Cate Dewey, Dept. of Population Medicine, University of Guelph	
The OARSC Pork Research and Services Committee	II-31
Jaydee Smith, Ontario Ministry of Agriculture and Food	
Current Engineering Projects at Prairie Swine Centre Inc.....	II-33
Stéphane P. Lemay and Liliane Chénard, Prairie Swine Centre Inc.	
Thermoregulation of the Nursery by Early Weaned Piglets Through Operant Conditioning.....	II-35
Clover J. Bench and Harold W. Gonyou, Prairie Swine Centre Inc.	
The Impact of Feeder Adjustment and Group Size/Density on Weanling Pig Performance	II-37
L. Smith, A. D. Beaulieu, J. F. Patience, H. Gonyou, and R. D. Boyd, Prairie Swine Centre Inc.	