

CENTRALIA SWINE RESEARCH UPDATE
Kirkton-Woodham Community Centre
January 28, 2004

9:00 a.m. REGISTRATION and COFFEE

9:50 Opening Remarks

- 10:00 On-Farm Animal Welfare Assessment..... I-1
Penny Lawlis, Ontario Ministry of Agriculture and Food
- 10:15 Molecular Genetic Markers: Signposts to the Future I-3
Dr. Andy Robinson, Dept. of Animal & Poultry Science, University of Guelph
- 10:30 Swine Liquid Feeding..... I-5
Dr. Kees de Lange, Department of Animal & Poultry Science, University of Guelph
- 10:45 Gestation Housing for Sows/Group Systems and Stalls..... I-8
Dr. Harold Gonyou, Prairie Swine Centre Inc.
- 11:15 Probiotics - Using Good Bugs to Control Bad Bugs I-13
Dr. Rocio Amezcua, Dept. of Population Medicine, University of Guelph
- 11:30 Hemorrhagic Bowel Syndrome - Why it happens I-15
Dr. Barb Straw, Dept of Large Animal Clinical Sciences, Michigan State University
- 11:45 Manure Gas - What You Don't Know Can Kill You..... I-18
Robert Chambers, Ontario Ministry of Agriculture and Food

LUNCH

- 1:15 Space Requirements for Grow/Finisher Pigs..... I-20
Dr. Harold Gonyou, Prairie Swine Centre Inc.
- 1:30 Sow Body Condition and Herd Reproductive Performance..... I-23
Dr. Barb Straw, Dept of Large Animal Clinical Sciences, Michigan State University
- 2:00 Pigs and People Have Many Things in Common, Including a Few Diseases I-27
Dr. Zvonimir Poljak, Dept. of Population Medicine, University of Guelph
- 2:15 The Enviropig™: The Next Steps in This Technology for Swine Producers I-29
J.M. Kelly *, C.W. Forsberg**, S.P. Golovan**, A. Ajakaiye**, J.P. Phillips**,
R.G. Meidinger**, M. Fan**, and R.R. Hacker**,
*MaRS Landing, Medical and Related Sciences, **University of Guelph
- 2:30 Environmental Assessment of On-Farm Dead Stock Cremation Units..... I-31
Dr. Bill Van Heyst, School of Engineering, University of Guelph
- 2:45 Determining Timing of Ovulation in Sows for Successful Artificial Insemination. I-33
Dr. Glen Cassar, Dept. of Population Medicine, University of Guelph
- 3:00 Boar Sperm Hate Summer Heat I-35
Dr. Mary Buhr, Dept. of Animal & Poultry Science, University of Guelph
- 3:15 Sick Pig Behaviour I-37
Dr. Suzanne Millman, Dept. of Population Medicine, University of Guelph

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Jim Morris, Ron Fleming and Malcolm MacAlpine, Ridgetown College, Univ. of Guelph	
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Cedric MacLeod, Canadian Pork Council	
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