



III INTERNATIONAL SCIENTIFIC SYMPOSIUM

Farm machinery and process management in sustainable agriculture
12 - 13 November 2008, Gembloux (Belgium)

PROGRAM

11 NOVEMBER 2008

Arrival, Hotel registration

12 NOVEMBER 2008

8:00 Registration to the Symposium - Agricultural Engineering Department - Chaussée de Namur, 146 - 5030 Gembloux

9:00 Opening session of the Symposium

Dr. Ir. Schenkel. Y
*Walloon agricultural Research Centre
Agricultural Engineering Department*

Pr. Dr Vice-rector. Golacki. K
*Lublin University of Life Sciences
Department of Machine Theory and Automation - Faculty of Production Engineering*

9:30 **SESSION I ECONOMY (1)** Chairmen : Pr. Dr. Lorencowics E. - Pr. Dr. Burny P.

9:30 Dr. Wajszczuk Karol - Oral
The scope of implementation of modern management concepts in agricultural enterprises in Poland

9:45 Pr. Dr. Sawa Jozef - Oral
Sustainability of agricultural process production considering material and energy input level

10:00 Dr. Duane Griffith - Oral
*Using spreadsheet budget generator for estimating the economic implications of farm decisions
- Case study Polish family farm*

10:15 Ir. Huyghebaert Bruno - Oral
Technico-economical study of GPS guiding systems in agriculture

10:30 - 11:00 COFFEE BREAK + POSTER SESSION

- 11:00 Ir. Rabier Fabienne - Oral
Guide of running costs for farm equipment: a simple tool for decision making
- 11:15 Ir. Wasag Zbigniew - Oral
Level of adaptation of family farms to EU standards
- 11:30 Dr. Baum Rafal - Poster
Strategy forecasts of farms in Poland by 2030
- 11:35 Ph. D. Inz. Tratwal Anna - Poster
Assessment of oil-seed rape agrophages (pests and diseases) in different regions of Poland
- 11:40 Pr. Walczak Felicyta - Poster
Assessment of cereal and maize agrophages (pests and diseases) in different regions of Poland
- 11:45 Ir. Rabier Fabienne - Poster
Economic aspects of the potato storage
- 11:50 Dr. Inz. Kocira Slawomir - Poster
An analysis of work expenditures on different types of family farms
- 11:55 Ir. Illo S. - Poster
Impact of the use of two different methods to appreciate the depreciation costs of machinery on total production costs and on farm income in Wallonia (Belgium)

12:00 - 12:30 POSTER SESSION I

12:30 - 13:30 Lunch

13:30 **SESSION II ENERGY** Chairmen: Pr. Dr. Uziak J. - Ir. Temmerman M.

- 13:30 Ing. Van Caenegem Ludo - Oral
Economical alternative to the subsoil heat exchanger for farrowing houses
- 13:45 Pr. Dr. Lorencowicz Edmund - Oral
Tractor work input and fuel consumption in selected family farms
- 14:00 Ph. D. Inz. Berbeka Thomas - Oral
Development perspective and production costs of liquid biofuels in Poland
- 14:15 Ir. Temmerman Mike - Oral
Solid biofuels quality : the case study of wood and agricultural pellets
- 14:30 Dr. Inz. Niedziolka Ignacy - Poster
Evaluation of power consumption in the process of pellets production from plant mixes
- 14:35 Ir. Huyghebaert Bruno - Poster
Energy consumption related to the ventilation in cereal storage

15:00 - 15:30 COFFEE BREAK + POSTER SESSION

15:30 **SESSION III EVALUATION** Chairmen: Dr. Ir. Nuyttens D. - Ir. Mostade O.

- 15:30 Dr. Ir. Nuyttens David - Oral
Evaluation of different wind tunnel protocols for spray drift risk assessment
- 15:45 Ir. Pergher Gianfranco - Oral
Optimization of operational parameters and first assessment of new tunnel sprayer
- 16:00 Ir. Froidmont Eric - Oral
Combining feed, food and non-food uses for the lupin for sustainability
- 16:15 Ir. Verbist Bert - Oral
If 10 points are no longer sufficient - an observational study on udder health and milk quality related factors in Flanders, Belgium
- 16:30 Ir. De Mey Karen - Oral
Design and application of MOTIFS: an integrated monitoring tool for sustainable farming
- 16:45 Pr. Dr. Vice-rector Golacki Krzysztof - Poster
Bruise resistance of apples of the Melrose variety
- 16:50 Ir. Mostade Olivier - Poster
Image analysis - usefull tools in agricultural research
- 17:00 - 17:30 POSTER SESSION II

19:30: Symposium dinner

13 NOVEMBER 2008

8:30 Welcome

9:00 **SESSION IV ENVIRONMENT** Chairmen: Dr. Dir. Matyjaszczyk E. - Dr. Ing. Ganzelmeier H.

- 9:00 Dr. Ing. Ganzelmeier Heinz - Oral
PPP-saving equipment
- 9:15 Dr. Dir. Matyjaszczyk Ewa - Oral
The expected changes in registration of formulations of plant protection products in Poland
- 9:30 Ir. Limbourg Quentin - Oral
A multidisciplinary approach to determine pesticides pollution sources on drinkable water catchment : study case of Soheit Tinlot (Belgium)
- 9:45 Dr. Ir. Pigeon Olivier - Oral
Development of biofilters to reduce the quantity of pesticides from rinsing and cleaning water of sprayers
- 10:00 Ir. Jakubowska Magdalena - Poster
Practical use of methods and technics for cutworms monitoring in sustainable agriculture

- 10:05 Ir. Galezewski Maciej - Poster
Data collecting methods regarding the phytosanitary condition of agricultural plants in Poland
- 10:10 Ir. Gulyas Zoltan - Poster
Reduction analysis of the environment damaging effects of spraying
- 10:15 Ir. Noël Stéphanie - Poster
PESTEAUX: A new project for the assessment of water pollution risks by pesticides at local scale

10:30 - 11:00 Coffee Break + Poster session

11:00 SESSION V EQUIPMENT Chairmen: Ir. Vangeyte J. - Dr. Ir. Miserque O.

- 11:00 Dr. Ir. Miserque Olivier - Oral
Use of subsoil implements on chicory harvesters
- 11:15 Pr. Dr. Sawa Jozef - Oral
Methods and new device for complex measurements of working quality of agricultural nozzles
- 11:30 Ir. Baert Jeroen - Oral
3D teat shape measuring device based on image analysis
- 11:45 Dr. Inz. Szymanek Mariusz - Poster
Effects of the threshing units type on the yield of sweet maize grains
- 11:50 Ph. D. Inz. Szuk Thomas - Poster
Forms of machine utilization at selected Polish farms
- 11:55 Dr. Inz. Parafiniuk Stanislaw - Poster
Effectiveness of fungicide intervention activities in bean growing using standard and large drop nozzles

12:00 - 13:00 Lunch

13:00 - 14:30 Travel to Joskin Manufacture

14:30 - 17:00 Visit of Joskin

17:00 - 17:30 Closure of the Symposium





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Farm machinery and process management in sustainable agriculture

Centre wallon de Recherches agronomiques - Département Génie rural

12 & 13 Novembre 2008 - Chaussée de Namur, 146 - 5030 Gembloux

FORMULAIRE D'INSCRIPTION (A faxer avant le 31 octobre 2008 au 081/615. 847)

Nom:	Prénom:
Institution:	
Adresse:	
Code postal:	Ville
Téléphone (bureau):	Fax:
E-mail:	Participera à la visite des établissements Joskin
	☐ Oui ☐ Non

FRAIS D'INSCRIPTION (Païement avant le 31 octobre 2008)

- ☐ Les 2 jours - 12 et 13 novembre 2008 + souper: **100 euros (incluant le recueil d'abstracts et l'ouvrage complet)**
- ☐ La journée du 12 novembre 2008 sans le souper: **50 euros (incluant le recueil d'abstracts et l'ouvrage complet)**
- ☐ La journée du 12 novembre 2008 + le souper: **75 euros (incluant le recueil d'abstracts et l'ouvrage complet)**
- ☐ La matinée du 13 novembre 2008: **50 euros (le recueil d'abstracts et l'ouvrage complet)**

A verser sur le compte 091-0129280-08 (CRA-W) en mentionnant en communication

« D5/Symposium + votre nom et prénom ».

Signature

Contact:

Adeline Verstraelen

Responsable Communication

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