



ECO-PB Breeding Conference 2011: Organic Plant Breeding: What makes the difference?

10 years' Anniversary Conference, Frankfurt, 3rd and 4th November 2011

Program

3. Nov.	2011	DAY 1
Time	Speaker	Topic
12:45		Registration
13:15	Edith Lammerts van Bueren	Welcome & Review of Highlights of ECO-PB of last 10 years and future challenges
	20 min + 10 min discussion	Session I: New approaches in organic breeding
13:45	Bertille Gieu-Arbaret	Family Inter-Crossing: a useful new breeding concept?
14:15	Géza Kovács	Development of organic maintenance breeding methods of evolutionary populations in cereals
14:45	Ute Kirchgaesser	Experiments on the influence of tone intervals on plant growth
15:15		Coffee Break
	20 min + 10 min discussion	Session II: Socioeconomic aspects to realize organic breeding
15:45	Edwin Nuijten	Opportunities and obstacles in building up new breeding programs for organic agriculture in collaboration with the formal breeding industry in The Netherlands
16:15	Jan Velema	Corporation and synergy between organic and conventional breeders at Vitalis Organic Seeds.
16:45	Michael Fleck / Rene Groenen	The Biodynamic Breeding Association Kultursaat e.V. and its Breeding Programs on Partnership Basis
	15 min + 5 min discussion	Session III: Examples of organic breeding programs
17:15	Karl-Joseph Müller	New hullless spring barley 'Pirona' and how it was developed under organic farming
17:35	Friedemann Ebner	Dehybridizing Hybrids - A Low-tech Breeding Approach for farmer-breeders of vegetables
18:55	Ulrich Quendt	Winter Pea Breeding in Intercropping and Mixtures with Cereals
19:15	Niklaus Bolliger	Biodynamic apple breeding
18:35		Poster session
19:20		Diner buffee
		Session IV: New questions
20:30	Monika Messmer	Epigenetics and organic plant breeding
20:50	Florianne Köchlin	Dignity of the lima bean and consequences for plant breeding: what makes the difference?
21:15		Open discussion



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4. Nov.	2011	DAY 2
Time	Speaker	Topic
	20 min + 5 min discussion	Session V: Country update of organic breeding programs and research
8:30	Isabelle Goldringer	Activities of European Project Solibam and French activities
9:55	Klaus-Peter Wilbois	Activities and Organic plant breeding projects in Germany
10:20	Heinrich Grausgruber / Monika Messmer	Activities in Austria and Switzerland
10:45		Coffee break
11:15	Edith Lammerts von Bueren	Activities in the Netherlands
11:40	Sally Howlett	Activities in Great Britain
12:05	Arta Kronberga	Activities in Baltic States
12:30		Discussion on future topics and role of ECO-PB
12:45	Edith Lammerts von Bueren / Klaus-Peter Wilbois	Closing of the conference
13:45 – 16:00		ECO-PB General Assembly



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Posters

Estimation of differences in plant nitrogen content under organic and conventional farming: development of selection method; Aina Kokare

Do selection results differ in organic and conventional conditions?; Arta Kronberga

Making potato breeding feasible for organic agriculture in the Netherlands; Edith Lammerts van Bueren

Agro-morphological characterization of traditional tomato varieties grown under organic cultivation techniques in two regions of Spain; Helena Sanchez-Giraldez

Screening of certified German and Austrian oat varieties for resistance to loose smut from 2009 to 2011 as a precondition for breeding of new oat varieties for organic agriculture; Ben Schmehe

Marker assisted breeding and mass selection of wheat composite cross populations; Philipp Steffan

Development and organisation of organic PPB activities in Denmark; Rikke Thomle Andersen

Searching for potato crop characteristics associated with yield under low nitrogen levels; Marjolein Tiemens-Hulscher

Influence of seed treatment with eurythmic consonants on the growth habit of lettuce, Christina Henatsch

Organisation and Financing of Plant Breeding for Organic Farming; Katja Gilbert

Improvement of organic wheat breeding materials with the use of *Triticum timopheevii* gene bank accessions, Peter Mikó

Participatory cotton breeding for organic and low input farming in India, Monika Messmer