Organic Research

Definitely out of the Niche

■ Urs Niggli

www.orgprints.org/4545
Europe – World Leader in Organic Research

- Europe: 70 to 80 mio €
- North America: 10-20 mio €
- Latin America: 5.8 mio ha
- Africa: 0.3 mio ha
- Asia: 0.9 mio ha
- Australia/Oceania: < 10 mio €

FiBL
Organic Europe, biofach 2005
Food chain, quality and safety

- Food from low input and organic production systems: Ensuring the safety and improving quality along the whole chain (QLIF)
  http://www.qlif.org
Dissemination
Training

Quality and Safety of Organic Food

Primary production
Economic factors
Processing
HACCP

Crop supply chain
Animal supply chain

Determination of consumer attitude
Assessment of socio-economic impact
Assessment of ecological impact (LCA)

Human Health
Improvement of organic crop production

- Development of a systems approach for the management of late blight in EU organic potato production (Blight-Mop).

- Replacement of Copper Fungicides in Organic Production of Grapevine and Apple in Europe (REPCO), http://www.rep-co.nl
Animal health and food safety

- Sustaining Animal Health and Food Safety in Organic Farming (SAFO)
Agricultural policy, market data

- Further development of organic policy in Europe, with particular emphasis on EU enlargement (EU-CEE OFP), http://www.irs.aber.ac.uk/EUCEEOFP/

- European Information System for Organic Markets (EISfOM)
Harmonised and standardised procedures for evaluation of plant protection products, fertilizers and soil conditioners for use in organic agriculture (ORGANIC INPUTS EVALUATION) [http://www.organicinputs.org]

Organic Revision, [http://www.organic-revision.org]

Organic HACCP
National funding of organic research

Legend:
- Red: Federal Scheme
- Yellow: Other State Funds (estimated)

Countries and Funding:
- Germany
- Netherlands
- Switzerland
- Denmark
- France
- Sweden
- Austria
- Italy
- Hungary
- Austria
- Spain
- Poland
- Turkey
- Estonia
- Latvia
- Cyprus
- Lithuania

Million Euro

Organic Europe, biofach 2005
Germany: main actors groups

- Universities: 39%
- State Research: 13%
- Universities
- Private Institutes, Individuals: 28%
- Federal Scheme: 5%
- Funded at regional level: 15%

Organic Europe, biofach 2005
Summary

- Organic farming has become important in agricultural research, also at universities and state research centres.
- Total funding in Europe estimated at 70 – 80 Mio Euro. Considerable increase but not to compare with scientific input in conventional agriculture and food systems.
- Still production and socio-economics oriented.
- Added value for consumer (quality, eating behaviour, health, life-style, ethical values) will become more important in the future.