

Risultati del progetto e data base bibliografico sulla ricerca in agricoltura biologica a livello europeo

IV° CONVEGNO NAZIONALE DELL'ASSOCIAZIONE ITALIANA DI ZOOTECNIA BIOLOGICA/BIODINAMICA, Arezzo 26 Marzo 2004

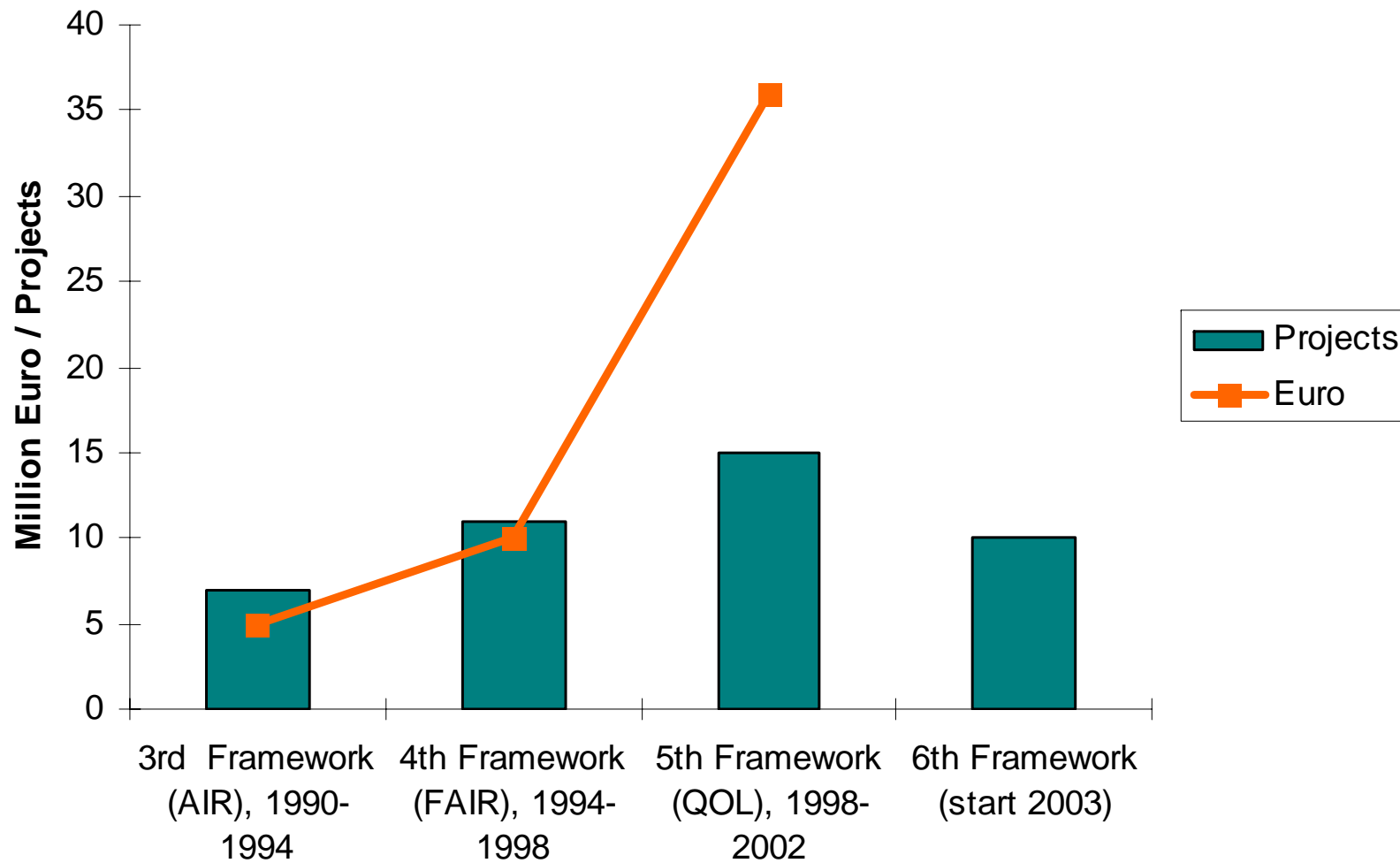
Organic
eprints

- Helga Willer, Istituto di Ricerca d'Agricoltura Biologica FiBL
- Archived at <http://orgprints.org/00001897>

Organic Farming Research Situation 2004

- Compared to three years ago
 - high political and societal acceptance and interest in organic farming research
 - European and national action plans
- Special Programmes for Organic Farming Research (e.g. Germany: Federal Organic Farming Scheme)
- Many new actors: „conventional“ researchers, policy makers, national and EU-officials, supermarket representatives
- Substantial increase of research activities, but in many countries still not sufficient

EU-Funding for Organic Farming Research



Source: European Commission, 2002

EUROPE

EUROPEAN UNION

- EU Member States
- EU New Members 2004
- EU Candidates
- EFTA Member States

Integrated Project „Quality Low Input Foods“

**Newcastle University
Wales University
CCFRA
IGER
WFL
GO**

**LBI
RIAH
AECO**

**DARCOF
(=DIAS, KVL)**

**Univ. Kassel
Univ. Bonn
Univ. Hohenheim**

Warsaw Univ.

ITC, CZ

Vienna Univ.

**INRA
GRET**

**FIBL
FAM
UNIBAS**

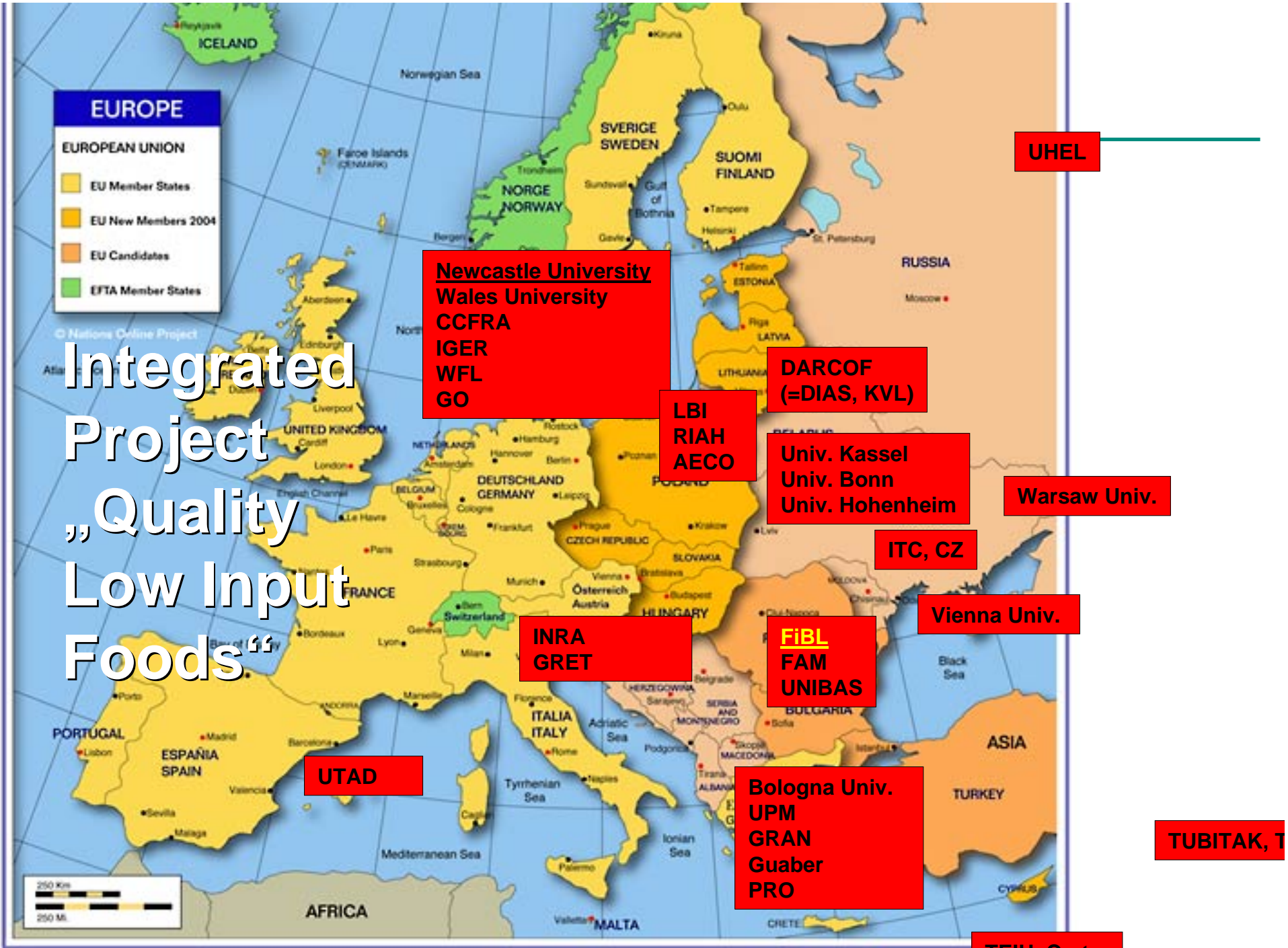
UTAD

**Bologna Univ.
UPM
GRAN
Guaber
PRO**

TUBITAK, T

TEIH, Crete

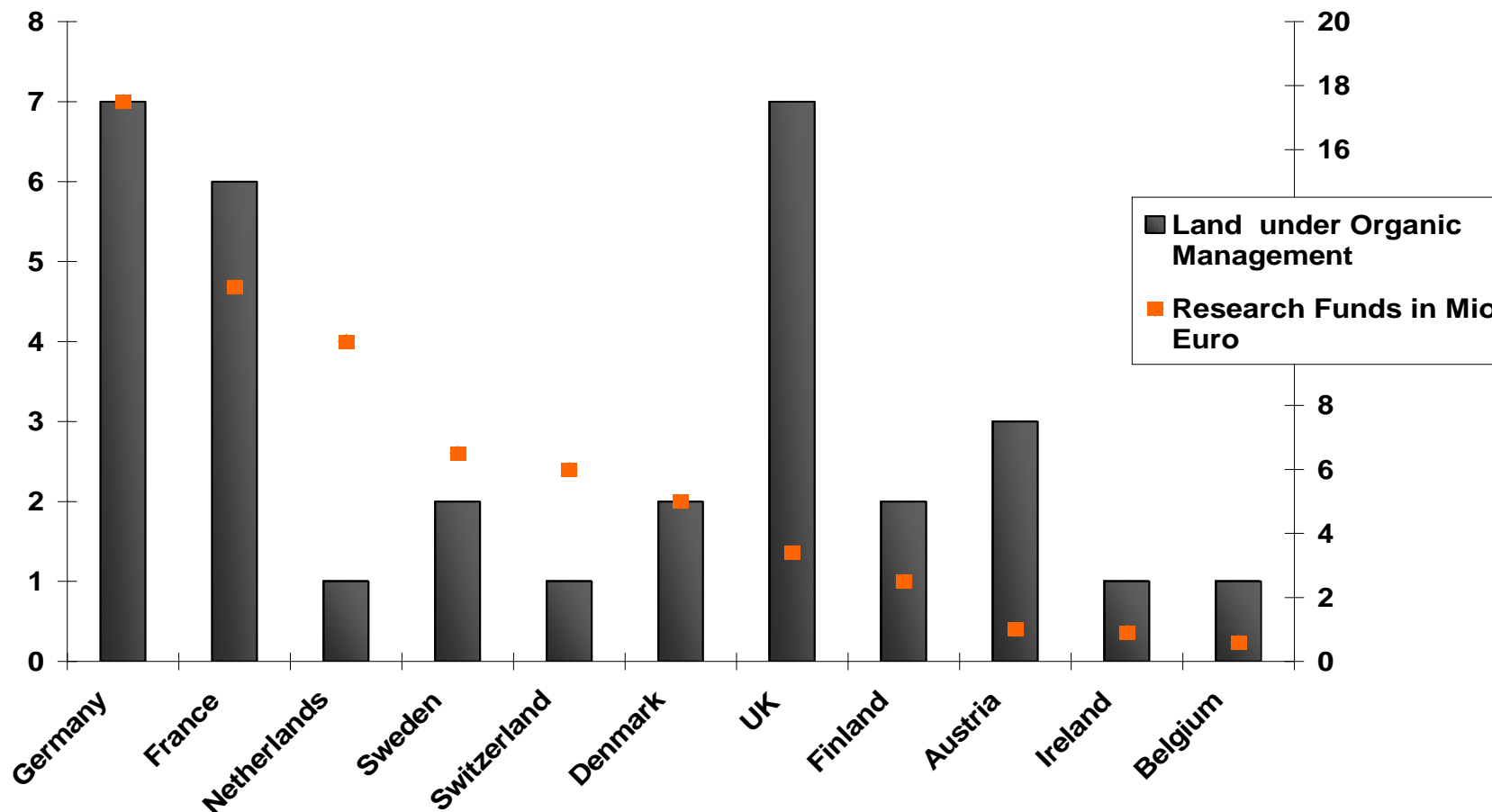
UHEL



Funding for Organic Farming Research in European Countries 2002 and land under organic management; Total 67 mio. Euro

Hectares

Mio Euros



Challenges

- Increase research funds
- Secure Research monies available under the 6th framework programme for organic farming
- Management of big research projects (IP)
- State research: organic farming research should not be limited to European funds and special programmes but: should become an inherent part of the research at these institutions
- Coordination of national research programmes
- **Better accessibility to information: Who does what, where is the information available**

The Research Platform forschung.oekolandbau.de

- The Research Platform for Organic Farming Research, funded under the German Federal Organic Farming Scheme, provides ...

Service information

(News, addresses, links)

Scientific publications and project information



Information on Organic Farming Research

ökolandbau.de
Das Informationsportal

- Nachrichten
- Bundesprogramm
- Datenbank Organic Eprints
- Adressen
- Service

Forschung im Ökologischen Landbau

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FAL
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Öko-Institut e.V.
Institut für angewandte Ökologie
Institute for Applied Ecology

Impressum Kontakt

Nachrichten

11.03.2004: Seminar in Brüssel zu EU-Projekt CONVERSION

(03.03.2004) Das EU-Forschungsprojekt CONVERSION zur Umstellung landwirtschaftlicher Betriebe auf ökologische Wirtschaftsweise stellt seine Ergebnisse am 11. März in Brüssel zur Diskussion. Die Arbeit der Wissenschaftler aus fünf EU-Ländern konzentrierte sich auf die Möglichkeiten der Vermarktung von Lebensmitteln, die während der Umstellung auf Öko-Landbau erzeugt werden. >>**mehr**

07.09.2004 – 11.09.2004: Sechste Wissenschaftskonferenz der IFOAM-Regionalgruppe Asien in Südkorea

 (02.03.2004) IFOAM-Asien, die asiatische Regionalgruppe des internationalen Dachverbands der Öko-Landbauorganisationen, lädt unter dem Titel „Sichere Lebensmittel und gesunde Umwelt für die Gesellschaft Asiens“ zu ihrer sechsten Wissenschaftskonferenz im September 2004 nach Yangpyung in Südkorea ein. >>**mehr**

Bundesprogramm Ökologischer Landbau: Schlussbericht zur Fütterung von Legehennen veröffentlicht

(25.02.2004) Welche Fütterungsstrategien eignen sich für die ökologische Legehennenhaltung, bei der die Tiere Zugang zu einem begrünten Auslauf haben? Der Einfluss von Alleinfütterung und kombinierter Fütterung sowie von Grünauslauf auf die Tiere und ihre Leistung wurde am Fachgebiet für Tierernährung und Leistungsphysiologie der Technischen Universität München von Professor Franz Xaver Roth untersucht. >>**mehr**



- News
- Calendar of Events
- Addresses
- Links
- Newsletter
- Database Organic Eprints with research results and project information

- The Organic Eprints Database for information about organic farming research
 - Ongoing and past projects
 - Research results
 - Actors in organic farming research
- The database is maintained by organisations with a high competence in organic farming research (FiBL, DARCOF, BLE)
- Current status: ca. 1500 entries including link to the full documents

The Database Organic Eprints

Entering of documents

- Decentralised entering of documents is possible
- Quality check by the editors
- Archiving of full texts
- Contact addresses for authors
- Links to further information

Accessibility of data

- Open access
- E-Mail alert
- Latest additions
- Very sophisticated search functions

Organic Eprints: Latest Additions



[about](#) [browse](#) [search](#) [register](#) [user area](#) [help](#)

Additions to Organic Eprints in the last seven days

Yesterday

Fritzsche, Heike (July 2003) **Systemaufstellungen in der Landwirtschaft – Drei Fallbeispiele mit Fokus auf Hof und Familie**. Bei diesem Eintrag handelt es sich um eine studentische Projektarbeit, die im Rahmen des BÖL-Projekts "Systemaufstellungen als innovatives Beratungsinstrument im ökologischen Landbau" (BÖL 02OE602) entstand. Weitere Informationen zum Projekt sind unter Links erhältlich. Institut für Soziokulturelle Studien (ISOS), Fachbereich Ökologische Agrarwissenschaften, Universität Kassel.

PROJECT: **Sustaining Animal Health and Food Safety in Organic Farming (SAFO)**. Runs 2003 - 2006. Project leader(s): Vaarst, Dr. Mette, Department for Animal Health and Welfare, Danish Institute for Agricultural Sciences (DIAS) / Danish Research Centre for Organic Farming (DARCOF). More information online at <<http://www.safonetwork.org>>.

Tuesday

Nielsen, Professor N.E. and Thomsen, Senior Scientist I.K. and Berntsen, Senior Scientist J. (2004) **Do nutrient uptakes and grain yields differ between spring barley varieties grown for organic farming as mono-crop and in mixture: Characteristics of spring barley varieties for organic farming**. Working Paper.

Friday

Organic Eprints: Document information



[about](#) [browse](#) [search](#) [register](#) [user area](#) [help](#)

2459: Sustaining Animal Health and Food Safety in Organic Farming (SAFO)

PROJECT: Sustaining Animal Health and Food Safety in Organic Farming (SAFO). Runs 2003 - 2006. Project leader(s): Vaarst, Dr. Mette, Department for Animal Health and Welfare, Danish Institute for Agricultural Sciences (DIAS) / Danish Research Centre for Organic Farming (DARCOF). More information online at <<http://www.safonetwork.org>>.

Full text available as:

PDF - Requires **Adobe Acrobat Reader** or other PDF viewer.

Abstract

The organic farming sector has experienced a rapid growth over the past decades. The growth has raised the need to address food safety aspects in relation to animal health, the farm situation and the living conditions of animals. Furthermore, the EU-regulations need to be put into perspectives when food safety is considered.

In principle, organic standards on livestock production must secure animal health and food safety, they must comply with common EU standards, they should allow farming systems in harmony with their geographic and cultural localities. They should also be the result of a productive discussion between researchers, policy makers, farmers and consumers.

On this background, the objective of SAFO is to improve food safety and animal health in organic livestock production systems through exchange and active communication of research results and conclusions between researchers, policy makers, farmers and the wider stakeholder community, including consumers

Search: Keyword „Laying hens“

Ökoring Schleswig-Holstein e.V., (2003) **Evaluation verschiedener Legehennenherkünfte in bezug auf die Erfordernisse ökologischer Haltungsformen** [Evaluation of different strains of laying hens concerning the requirements of husbandry systems in organic agriculture]. Bericht, Versuchs- und Beratungsring ökologischer Landbau Schleswig-Holstein e.V.

Roth, F.X. (2003) **Fütterungsstrategien für Legehennen in Haltungssystemen mit Grünbewuchs im Auslauf (Nach EU VO 2092/91)** [Feeding strategies for laying hens kept in a mobile hen-house with free range farming on grass (After EU Regulation 2092/91)]. Bericht, Fachgebiet für Tierernährung und Leistungsphysiologie, Wissenschaftszentrum für Ernährung, Landnutzung und Umwelt, Technische Universität München, Department für Tierwissenschaften.

Zeltner, Esther (2003) **Legehennen bevorzugen langsame Mauser**. *SOEL-Berater-Rundbrief*(1/03):31-32.

Organic Eprints: Use for advice and practitioners

- Access to research results related to organic farming
- Contact information
- E-Mail alert on new entries
- All DARCOF research and research under the German Federal Organic Farming Scheme are in the database, numerous further entries
- Better research through better information and access to research results.

Examples of how to use the database

- Subscribe to E-Mail alert of Organic Eprints = information in recently added documents
- Use the database when searching information on a specific theme or when looking for experts on a certain subject
- Publish /document own results via the database Organic Eprints

E-Mail alert

- Informs per e-mail about new entries into the database (Author, title, Link to full text)
- Individual configuration (language, subject area)
- Can be sent on a daily, week or monthly basis
- Registration via the Organic Eprints Homepage

Loges, Ralf und Dreyman, Sonja und Wichmann, Stefan (2002) Leguminosenanbau richtig machen. *bioland - Fachzeitschrift für den ökologischen Landbau*(1):14-15.
<http://orgprints.org/00002149/>

PROJEKT: Erträge, Produktqualität und organische Substanz im Boden bei langjähriger Rottemistdüngung mit und ohne Anwendung der biologisch-dynamischen Präparate sowie bei Mineraldüngung. Laufzeit 1980 - 2007. Projektleitung: Raupp, Dr. Joachim, Langzeitversuche und Düngung, Institut für Biologisch-Dynamische Forschung. Weitere Informationen online unter <<http://www.ibdf.de/v1/indexe.htm>>.
<http://orgprints.org/00002361/>

Meier-Ploeger, Angelika (1996) A New Definition of Food Quality. Beitrag präsentiert bei der Konferenz: Seeking Permanence, Elm Farm Research Centre (EFRC), UK, 1996; Veröffentlicht in Stolton, Sue und Dudley, Nigel, (Hrsg.) Seeking Permanence - 15 years and into the future, Seite(n) 34. Elm Farm Research Centre (EFRC), Hamstead Marshall, Newbery, Berkshire, UK. <http://orgprints.org/00002253/>

Geschäftsstelle Bundesprogramm Ökologischer Landbau, Bundesanstalt für Landwirtschaft und Ernährung (BLE) (2003) Der Einsatz von Öko-Produkten in der Außer-Haus-Verpflegung (AHV): Status Quo, Hemmnisse und Erfolgsfaktoren, Entwicklungschancen und politischer Handlungsbedarf. Bericht, Bundesanstalt für Landwirtschaft und Ernährung (BLE), Bonn. <http://orgprints.org/00002369/>

Häring, A. M. (2002) Organic Farms in the EU: Policy impacts and adaptation strategies of typical arable and dairy farms. Beitrag präsentiert bei der Konferenz: 10th EAAE Congress, Zaragoza, Spain, 28. - 31. 08.2002; Veröffentlicht in Proceedings of the 10th EAAE Congress. <http://orgprints.org/00002314/>

Häring, A. M. (2002) Organic Farms in the EU: Status quo, development strategies and policy impacts on selected arable and dairy farms. *Farm Management* Vol 11:6.
<http://orgprints.org/00002318/>

Häring, A. M. und Dabbert, S. (2002) Organic Farms in the EU: Status quo, development strategies and policy impacts on selected arable and dairy farms. Beitrag präsentiert bei der Konferenz: 13th International IFMA Congress of Farm Management, Papendal, Netherlands, 08. - 13.07.2001; Veröffentlicht in Proceedings of the 13th International IFMA Congress of Farm Management. <http://orgprints.org/00002321/>

Partners Organic Eprints Database

- 1. DARCOF (Danish Research Centre of Organic Farming)
- 2. BLE (Federal Authority of Agriculture and Food, Germany)*
- 3. FiBL (Research Institute of Organic Agriculture)

*administrates the German Federal Organic Farming Scheme

DARCOF Projects / Results in the Database Organic Eprints

- **DARCOF II (2000-2005) (511)**

- [I. 1 \(ORTCTOM\) Organic production of cucumber and tomato \(6\)](#)
- [I. 2 \(ORGAPP\) Sustainable production systems for apples \(24\)](#)
- [I. 3 \(BIOMOD\) Interaction between nitrogen dynamics, crop production and biodiversity \(21\)](#)
- [I. 4 \(NIMAB\) Enhanced bread wheat production \(40\)](#)
- [I. 5 \(GENESIS\) Production of grain legumes and cereals for animal feed \(49\)](#)
- [I. 6 \(CARMINA\) Cultivation in ridges and mixed cropping \(11\)](#)
- [I. 7 \(ROMAPAC\) Soil quality in organic farming \(28\)](#)
- [I. 8 \(MPW\) Management of perennial weed species in organic farming \(8\)](#)
- [I. 9 \(BANHEAT\) Band heating for intra-row weed control \(8\)](#)
- [I.10 \(VegCatch\) Organic vegetable cultivation methods and use of catch crops \(24\)](#)
- [I.11 \(CLOGS\) Cultivation of organic clover and grass seed \(18\)](#)
- [I.12 \(PREMYTOX\) Preventing mycotoxin problems \(18\)](#)
- [I.13 \(DINOG\) Dinitrogen fixation and nitrous oxide losses in grass-clover pastures \(14\)](#)
- [I.14 \(StopScab\) Control of scab in organic apple growing \(7\)](#)
- [I.15 \(NIT GRASS\) Nitrate leaching from dairy farming \(2\)](#)
- [I.16 \(OKOVAND\) Regional groundwater protection by optimised organic farming systems \(2\)](#)
- [II. 1 \(ORDAI\) Organic dairy production systems \(18\)](#)
- [II. 2 \(ORMILO\) Production of organic milk of high quality ...](#)
- [II. 3 \(PROSBIO\) Production of steers and use of bioactive forages \(4\)](#)
- [II. 4 \(HEWDAICA\) Health and welfare for organic calves](#)
- [II. 5 Use of antimicrobials and occurrence of resistance in organic cattle herds](#)
- [II. 6 \(DPS ITW\) Research in water and dust in organic systems \(11\)](#)

Publication of all research results of the German Federal Organic Farming Scheme

**Organic
eprints**

Über uns Blättern Suchen Registrieren Benutzerbereich Hilfe

2371: Fütterungsstrategien für Legehennen in Haltungssystemen mit Grünbewuchs im Auslauf (Nach EU VO 2092/91) [Feeding strategies for laying hens kept in a mobile hen-house with free range farming on grass (After EU Regulation 2092/91)]

Roth, F.X. (2003) Fütterungsstrategien für Legehennen in Haltungssystemen mit Grünbewuchs im Auslauf (Nach EU VO 2092/91) [Feeding strategies for laying hens kept in a mobile hen-house with free range farming on grass (After EU Regulation 2092/91)]. Bericht, Fachgebiet für Tierernährung und Leistungsphysiologie, Wissenschaftszentrum für Ernährung, Landnutzung und Umwelt, Technische Universität München, Department für Tierwissenschaften.

Volltext zugänglich als:
PDF (1 MB) - Benötigt **Adobe Acrobat Reader** oder einen anderen PDF-Viewer

Abstract

Zielsetzung des Forschungsprojektes war es, Fütterungsstrategien für Legehennen zu untersuchen, um Daten zum Leistungsgeschehen und zur optimalen Rationsgestaltung zu erhalten.

Im ersten Versuchsabschnitt von Dezember bis März wurde die Fütterung mit einer Mischung aus Körnern und Grünbewuchs verglichen. Bei der kombinierten Fütterung wurde Ergänzungsfutter ad libitum vor dem Grünbewuchs angeboten. Die Ergebnisse betrafen die Legeleistung, Futterverzehr, Eiqualität und Klimadaten.



FiBL & Further Partners

■ FiBL

- Documentation of Output (from 2003)
- Support the further development of the database

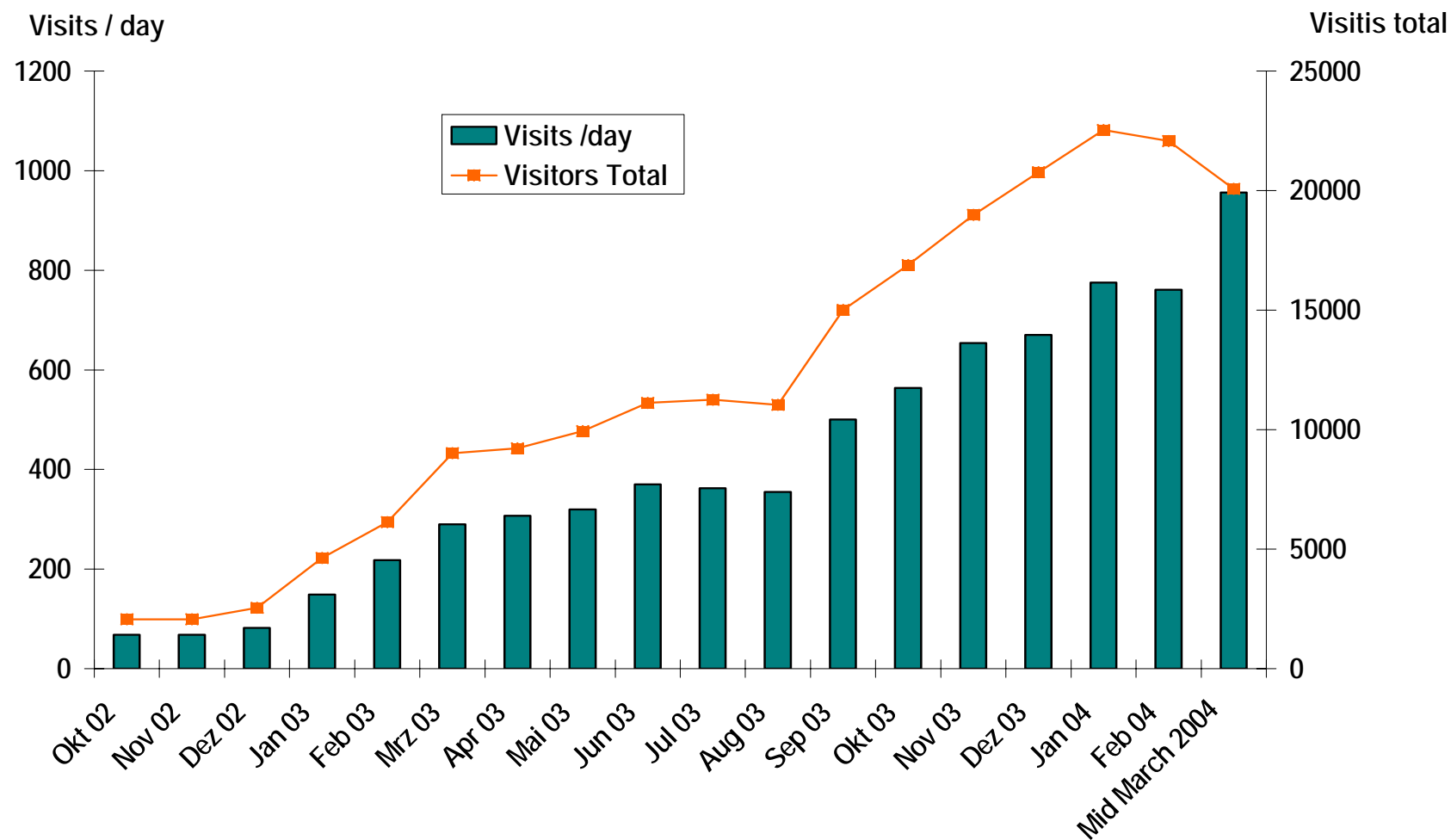
■ Other future partners

Scientific conference in the German language region

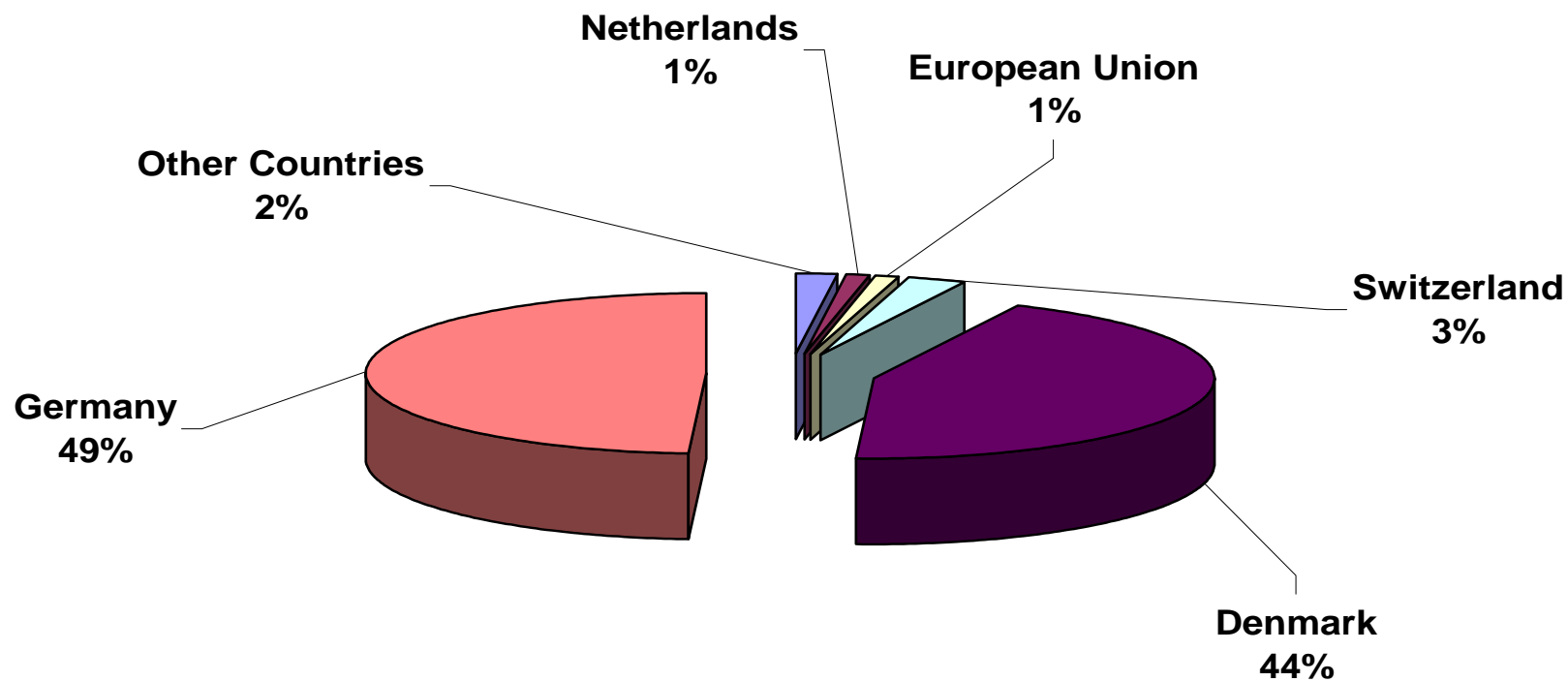
- Use of the database for peer review process for the conference,
- Proceedings

- Partner from Italy ?

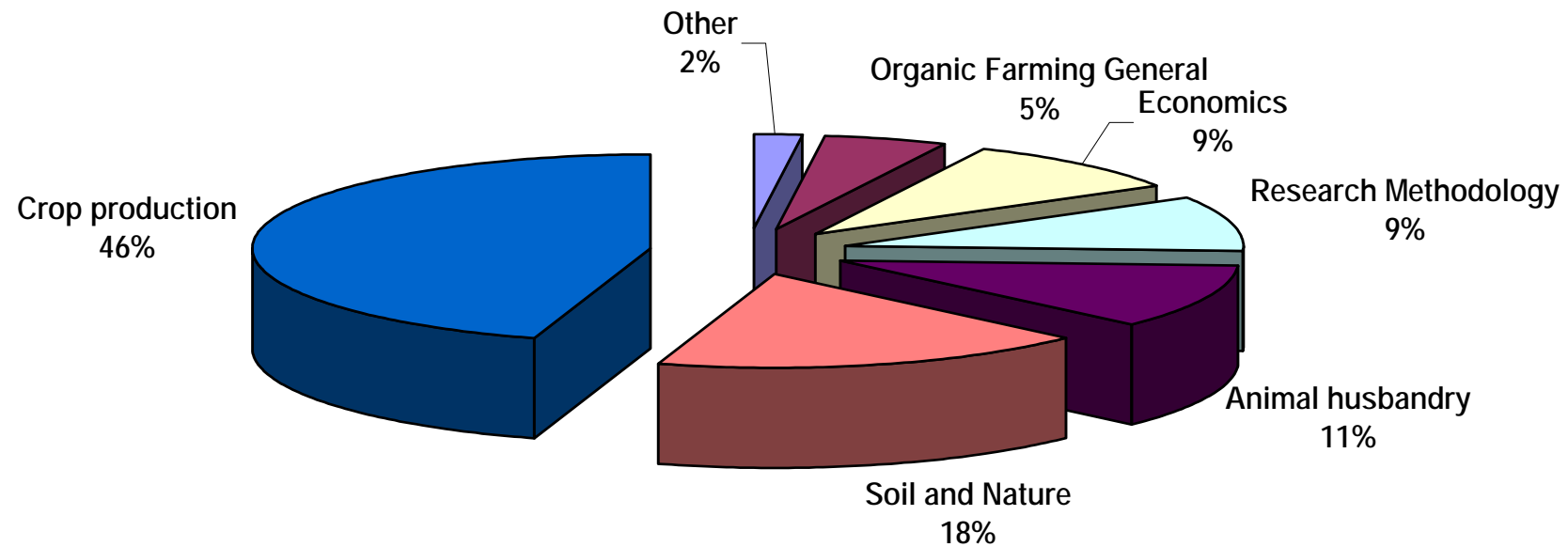
Organic Eprints: Daily visits and monthly averages



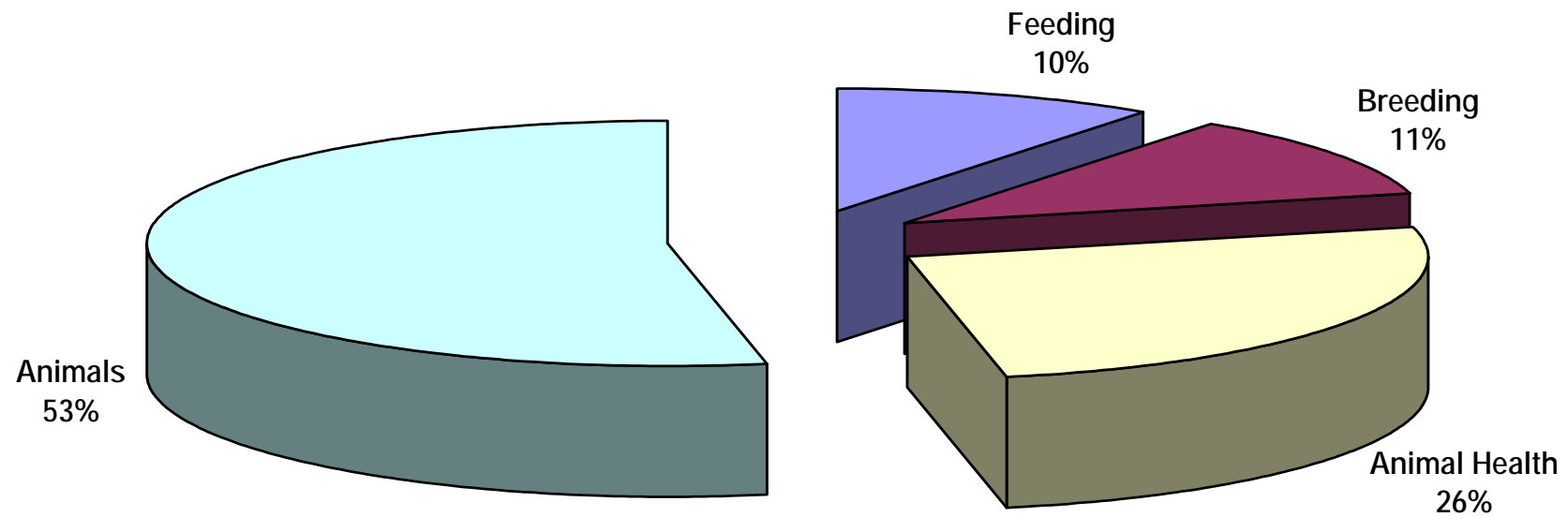
Organic Eprints: Entries by countries



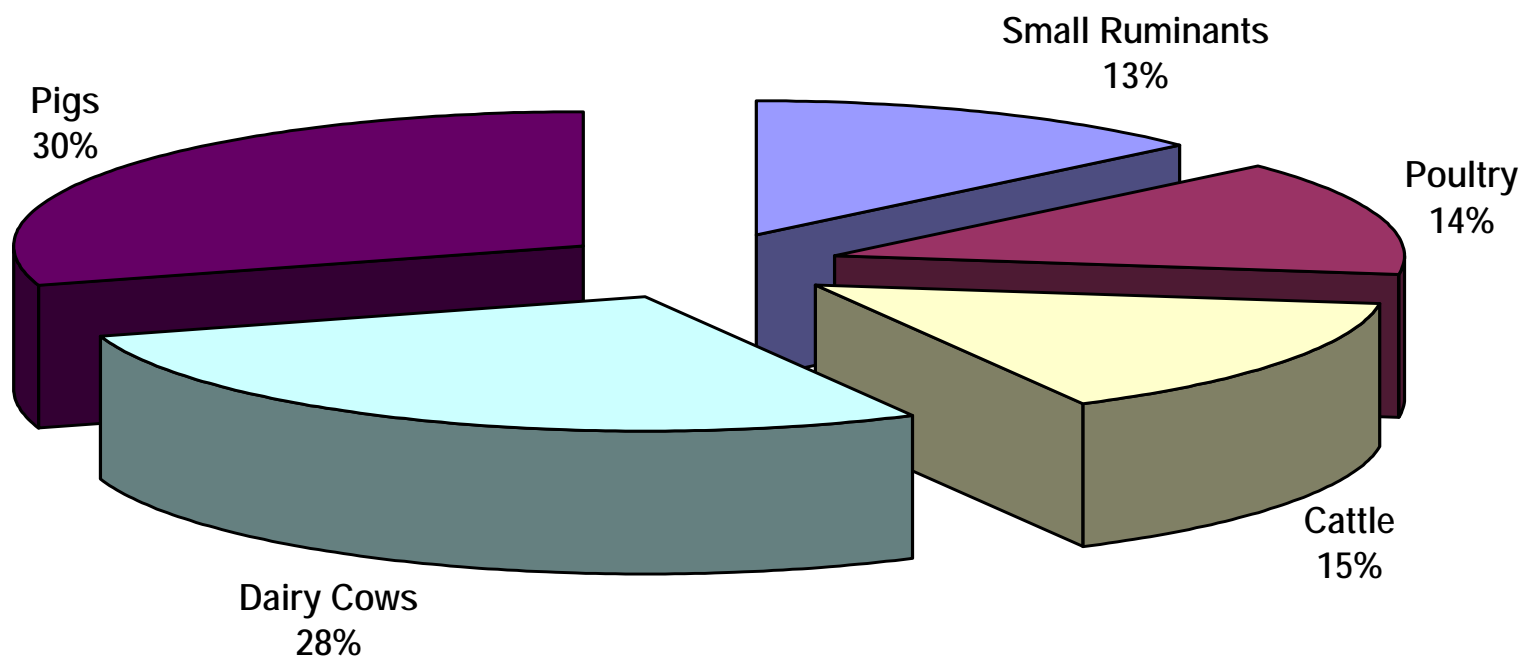
Organic Eprints: Entries by main themes



Organic Eprints: Entries Animal Husbandry



Organic Eprints: Entries by animal type



Network for breeding in organic farming

- = Project under the German Federal Organic Farming Scheme
- Aim: Develop concepts for breeding strategies for organic farming, suggest structures
- Define breeding aims e.g.: healthy animals, dual purpose (milk / meat; eggs/meat), high longevity, feed based on farm based feeding stuffs
- Cattle breeding: Found an umbrella organisation that cooperates with existing breeder organisations, provides information and services
(eg. model farms, seminars, platform for selling breeding animals with the characteristics needed for organic farming)



Feeding strategies for hens in a mobile hen house

- = Project under the German Federal Organic Farming Scheme
- Aim of the study: investigate feeding strategies for laying hens in free ranges with grass in order to derive data on optimum diet formulation
- Farming on grass improved egg production with a small decrease in feed intake
- High house temperatures had adverse effects on egg production, feed intake and weight



Marketing of organic meat (beef and pork)

- = Project under the German Federal Organic Farming Scheme
- Factors hindering the marketing of organic meat were identified, e.g.:
 - Unsufficient consumer information
 - Lack of qualification of the sales personnel
 - Fragmented structures
- Improvement through better cooperation among the numerous actors could be a key to improvement



How to participate

- Enter your research results into the database. Your results will become more better accessible.
- Help build an international archive for research in organic agriculture.
- Contribute to developing a tool that will result in better accessibility of organic farming research and avoid duplicate research.

Outlook

- Organic Eprints will most likely develop into the main database for organic farming research in Europe and world-wide
- The database offers much more than just bibliographical data. It has the potential to improve the communication process amongst researchers substantially
- With DARCOF, BLE and FiBL as partners the preconditions for further expansion are very good.
- Further partners are sought
- Should an EU-funded, European coordination of organic farming research become reality, the importance of Organic Eprints database will rise substantially.

www.orgprints.org