Organic Agriculture Worldwide
Key results from the global survey on organic agriculture 2011

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Supported by
The Global Survey on Organic Agriculture: Supporters

› International Trade Centre, Geneva

› The Swiss State Secretariat of Economic Affairs SECO, Berne

› Nürnberg Messe, the organizers of the BioFach Organic Trade Fair
The World of Organic Agriculture 2011

- The 12th edition of 'The World of Organic Agriculture', was published by FiBL and IFOAM in February 2011.*

- Contents:
  - Results of the survey on organic agriculture worldwide;
  - Organic agriculture in the regions and country reports;
  - Armenia, Australia, Canada, Chile, China, Costa Rica, Indonesia, Kazakhstan, Republic of Korea, Pacific Islands, Switzerland, Tunisia, Uganda, United States and Ukraine.
  - Chapters on the global market, standards & legislations, voluntary standards and organic beekeeping
  - Numerous tables and graphs.
  - The book can be ordered via IFOAM.org and shop.FiBL.org.

Website www.organic-world.net

› Detailed statistics in excel format (in progress)
› Graphs & Maps
› Data revisions
› News and background information
The 12th Survey on organic agriculture worldwide

- The 12th survey on organic agriculture worldwide was carried out by the Research Institute of Organic Agriculture FiBL and the International Federation of Organic Agriculture Movements IFOAM.
- The survey was carried out between July 2010 and February 2011.
- Data were received from 160 countries (2008: 154 countries).
- New countries included: Belarus, Channel Islands, Cook Islands, Grenada, Haiti, Myanmar.
- Updated data on area and producers were available for 142 countries.
- Data were provided by almost 200 country experts (representatives from NGOs, certification bodies, governments, researchers).
- The following data were collected:
  - Area data (including land use and crop details);
  - Producers, other operator types;
  - Domestic market values;
  - Exports and imports.
Countries and territories covered by the global survey on organic agriculture 2009

<table>
<thead>
<tr>
<th>Region</th>
<th>Countries with data on organic agriculture</th>
<th>Countries per region</th>
<th>Share of countries that provided data (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Africa</td>
<td>38</td>
<td>57</td>
<td>67%</td>
</tr>
<tr>
<td>Asia</td>
<td>37</td>
<td>49</td>
<td>76%</td>
</tr>
<tr>
<td>Europe</td>
<td>45</td>
<td>46</td>
<td>98%</td>
</tr>
<tr>
<td>South &amp; Central America, Caribbean</td>
<td>29</td>
<td>45</td>
<td>64%</td>
</tr>
<tr>
<td>North America</td>
<td>2</td>
<td>5</td>
<td>40%</td>
</tr>
<tr>
<td>Oceania</td>
<td>9</td>
<td>13</td>
<td>69%</td>
</tr>
<tr>
<td>World</td>
<td>160</td>
<td>214</td>
<td>75%</td>
</tr>
</tbody>
</table>

Source: FiBL & IFOAM Survey 2011
Organic data collection systems world-wide 2009 for data on area, operators and production (total 160 countries)

- Government collection systems (70 countries)
  - Data from the certifiers
  - Census/farm structure survey
  - Direct payments
- Private collection systems (35 countries)
  - Data from the certifiers
  - Company data
- No collection system (55 countries)
  - FiBL and IFOAM collect the data from the international certifiers

Source: FiBL and IFOAM Survey 2011
International certifiers that provided data for several countries (2009 data)
Networks, transnational data collection efforts
Key data/indicators related to area and producers 2009

› 160 countries have data on organic agriculture (up from 154).
› 37.2 million hectares of agricultural land are organic (including conversion areas).
› The organic agricultural land increased by 2 million hectares or six percent.
› 7 countries have more than ten percent organic agricultural land, 17 countries have between 5 and 10 percent.
› There are 41.9 million hectares of further, non agricultural areas (up from 31.1 million hectares)
› 1.8 million producers were reported (up from 1.4 million)
Definition of organic areas

- Agricultural land (37.2 million hectares in 2009)
  - Cropland
    - Arable land (cereals, vegetables etc.)
    - Permanent crops (fruit, grapes, olives ...)
    - Cropland, no details (=arable land and permanent crops)
  - Permanent grassland
  - Other agricultural land

- Non-agricultural areas (41.9 million hectares in 2009)
  - Wild collection/Bee keeping
  - Forest
  - Aquaculture
  - Grazing areas on non-agricultural land

Distribution of agricultural and non-agricultural areas 2009

- Agricultural land: 53%
- Non agricultural areas: 47%
Organic agricultural land and other organic areas 2009

Source: FiBL & IFOAM Survey 2011
Distribution of organic agricultural land by region 2009

- Oceania: 7.1%
- Europe: 32.6%
- Latin America: 9.6%
- Asia: 24.9%
- Northern America: 2.8%
- Africa: 23.0%

Source: FiBL & IFOAM Survey 2011
World: The ten countries with the most organic agricultural land 2009

Argentina, US and Uruguay: Only fully converted areas

Australia: 12.00
Argentina: 4.40
USA (2008): 1.95
China (2008): 1.85
Brazil (2007): 1.77
Spain: 1.33
India: 1.18
Italy: 1.11
Germany: 0.95
Uruguay (2006): 0.93

Million Hectares

Source: FiBL/IFOAM Survey 2011, based on data from governments, the private organic sector and certifiers.
## Share of organic agricultural land of total agricultural land by region 2009

<table>
<thead>
<tr>
<th>Region</th>
<th>Agr. land (ha)</th>
<th>Share of the region's total agr. Land</th>
</tr>
</thead>
<tbody>
<tr>
<td>Africa</td>
<td>1'026'632</td>
<td>0.1%</td>
</tr>
<tr>
<td>Asia</td>
<td>3'581'918</td>
<td>0.3%</td>
</tr>
<tr>
<td>Europe</td>
<td>9'259'934</td>
<td>1.9%</td>
</tr>
<tr>
<td><strong>European Union</strong></td>
<td>8'346'372</td>
<td>4.7%</td>
</tr>
<tr>
<td>Latin America</td>
<td>8'558'910</td>
<td>1.4%</td>
</tr>
<tr>
<td>Oceania</td>
<td>12'152'108</td>
<td>2.8%</td>
</tr>
<tr>
<td>Northern America</td>
<td>2'652'624</td>
<td>0.7%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>37'232'127</td>
<td>0.9%</td>
</tr>
</tbody>
</table>
The ten countries/areas with the highest shares of organic agricultural land 2009

- Falklands (Malvinas) 35.7%
- Liechtenstein 26.9%
- Austria 18.5%
- Sweden 12.6%
- French Guiana 11.7%
- Switzerland 10.8%
- Estonia 10.5%
- Czech Republic 9.4%
- Latvia 9.0%
- Italy 8.9%

Source: FiBL/IFOAM Survey 2011, based on data from governments, organic sector organisations and certifiers.
Shares of some key crops of the respective total area (2009)
(not for all countries with data on organic farming land use data were available)

- Coffee: 5.6%
- Olives: 4.7%
- Cocoa: 3.1%
- Grapes: 2.4%
- Nuts: 2.0%
- Tea: 1.7%

Share of total agricultural land

Source: FiBL/IFOAM Survey 2011, based on data from governments, organic sector organisations and certifiers.
World: Development of organic agricultural land 1999-2009

Source: FiBL, IFOAM and SOEL 2000-2011
World: Development of organic agricultural land 2007 to 2009 by geographical region

Source: FiBL & IFOAM Survey 2011
Development of the organic agricultural land in Europe 1985-2009

Land area in million hectares

Source: FiBL, Aberystwyth University
The ten countries with the highest increase of organic agricultural land 2008-2009

Source: FiBL/IFOAM Survey 2011, based on data from governments, the private organic sector and certifiers
Key crop groups in organic agriculture: 2008 and 2009 compared

- **Permanent grassland**: 2009: 22.99 million hectares, 2008: 22.27 million hectares, +3%
- **Arable land**: 2009: 5.52 million hectares, 2008: 4.88 million hectares, +13%
- **Permanent crops**: 2009: 2.43 million hectares, 2008: 1.95 million hectares, +24%

FiBL/IFOAM Survey 2011
Key crop groups in organic agriculture: 2008 and 2009 compared

FiBL/IFOAM Survey 2011, based on data from governments, the private organic sector and certifiers
Further organic areas

- Apart from the organic agricultural land there are further organic areas, the largest part of these are wild collection areas and areas for beekeeping,
- Further areas are aquaculture, forest and grazing areas on non-agricultural land.
- It should be noted, that many countries do not report these areas, as they only communicate the agricultural land.
- The total area for these areas was 41.9 million hectares, constituting an increase of 10 million hectares compared with 2008.
- Large increases of wild collection and beekeeping areas occurred in Cameroon and Russia.
Development of organic agricultural land and other organic areas 1999 to 2009

Source: FiBL /IFOAM/SÖL 2000-2011
Distribution of organic wild collection areas by region 2009

- Africa: 39.6%
- Europe: 29.4%
- Latin America: 20.4%
- Asia: 10.2%
- Northern America: 0.5%

Source: FiBL & IFOAM Survey 2011
Organic wild collection: The ten countries with the largest wild collection areas (including bee-keeping) 2009

- **Finland**: 7.80
- **Brazil (2007)**: 6.18
- **Cameroon**: 6.00
- **Zambia**: 5.91
- **India**: 3.36
- **Namibia**: 3.00
- **Russian Federation**: 2.16
- **Bolivia (2006)**: 1.03
- **China**: 0.76
- **Argentina**: 0.72
- **Morocco**: 0.62

FiBL/IFOAM Survey 2011, based on data from governments, the private organic sector and certifiers
Organic producers 2009

- For the current survey, a total of 1.8 million organic producers was reported,
- This is an increase of more than 0.4 million compared with 2008.
- In India, the number of organic producers almost doubled in 2009.
- According to the data obtained, more than three quarters of the producers are located in Asia, Africa and Latin America.
- The country with the most producers is India, followed by Uganda and Mexico.
- It should be noted that not all certifiers reported the number of producers; their number is probably higher than 1.8 million.
The ten countries with the largest numbers of organic producers 2009

India: 677,257
Uganda: 187,893
Mexico: 128,862
Ethiopia: 101,578
Tanzania: 85,366
Peru: 54,904
Italy: 43,029
Turkey: 35,565
Burkina F.: 27,748
Spain: 25,291

Source: FiBL/IFOAM Survey 2011, based on data from governments, the organic sector and certifiers
Organic producers by geographical region 2009 (total: 1.8 million)

Source: FiBL & IFOAM 2011
World: Development of organic producers 1999-2009

Source: FiBL, IFOAM & SOEL 1999-2011
About one third of the world’s organic agricultural land – 13.4 million hectares - is located in developing/transition countries and in emerging markets.* Most of this land is in Latin American countries, with Asia and Africa in second and third place.

1.5 million producers are in these countries.

Organic producers and agricultural land in the countries of the DAC list

**Agricultural land**
- Other countries
- Countries on DAC list

**Producers**
- Other countries
- Countries on DAC list
Summary

› The organic agricultural land area (37.2 million hectares in 2009) has increased by 2 million hectares or 6 % between 2008 and 2009.
› The organic agricultural land has increased in most countries/areas and in all regions.
› In some countries/areas and for some crops the growth rates were considerably higher.
› 1.8 million organic producers (up 0.4 million from 2008) were reported, most of these are in developing/transition and emerging market countries.
› For more and more countries data on organic agriculture are available; but data collection and processing need to be improved in many countries, not only on land area and operators, but also on market and international trade data.
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