Organic Agriculture Worldwide: Key results from the FiBL survey on organic agriculture worldwide 2018

Part 3: Organic agriculture in the regions 2016

Julia Lernoud and Helga Willer

Research Institute of Organic Agriculture (FiBL), Frick, Switzerland
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Organic Agriculture Worldwide: Key results from the FiBL survey on organic agriculture worldwide 2018: Part 1: Global data and survey background

- Data compiled by the Research Institute of Organic Agriculture FiBL, Frick, Switzerland, based on national data sources and data from certifiers.
- For updates check www.organic-world.net
- This presentation is available online at: http://www.organic-world.net/yearbook/yearbook2018/slide-presentations.html
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Acknowledgements*

- The Swiss State Secretariat of Economic Affairs SECO, Berne

- International Trade Centre ITC

- Nürnberg Messe, the organizers of the BIOFACH World Organic Trade Fair

- IFOAM – Organics International

- 200 experts from all parts of the world contributed to the FiBL survey 2018.

* See also disclaimer on last page of this slide show
The 19th edition of 'The World of Organic Agriculture' was published by FiBL and IFOAM in February 2018.

- Contents:
  - Results of the survey on organic agriculture worldwide;
  - Organic agriculture in the regions and country reports: Australia, Canada, the Pacific Islands, Ukraine, and The United States of America.
  - Chapters on the global market, standards & legislations, PGS, policy support, European market.
  - Numerous tables and graphs.
  - Commodity case studies:
    - Chapter on organic cotton
    - Overview of the state of other Voluntary Sustainability Standards
  - The book can be ordered via IFOAM.bio and shop.FiBL.org.

Website www.organic-world.net

- Detailed statistics in excel format
- Graphs & Maps
- Data revisions
- News and background information

Yearbook “The World of Organic Agriculture”

The yearbook “The World of Organic Agriculture - Statistics and Emerging Trends”, published by the Research Institute of Organic Agriculture (FiBL) and the International Federation of Organic Agriculture Movements (IFOAM), documents recent developments in global organic agriculture. The book has been published annually since 2000.

The 2017 Edition will be launched at BioTech 2017.

A central part of the book are the organic agricultural statistics, which are collected annually in the frame of the annual survey on organic agriculture worldwide.

The project is currently funded by the Swiss State Secretariat for Economic Affairs (SECO), the International Trade Centre (ITC), and Nordmeccan.
About this presentation

There are 3 presentations summarizing the key results of the FiBL survey on organic agriculture worldwide 2018 (data 2016). Apart from the global data, key results on crop and on regional data are presented.

More information is available at www.organic-world.net

The following three presentations are available at http://www.organic-world.net/yearbook/yearbook2018/slide-presentations.html:

• Part 1: Global data 2016 and survey background
• Part 2: Land use and key crops in organic agriculture 2016
• Part 3: Organic agriculture in the regions 2016
The 19th Survey on organic agriculture world-wide

The 19th survey on organic agriculture worldwide was carried out by the Research Institute of Organic Agriculture FiBL in cooperation with partners from all around the world. The results were published jointly by FiBL and IFOAM – Organics International.

The survey was carried out between July 2017 and February 2018.

Data were received from 178 countries.

Updated data on area and producers were available for 150 countries.

Data was provided by almost 200 country experts (representatives from NGOs, certification bodies, governments, researchers).

The following data was collected: area data (including land use and crop details); producers, other operator types; domestic market values; export and import data; and livestock data (animal heads and production in metric tons);

The results are published in the yearbook “The World of Organic Agriculture 2018” and at www.organic-world.net.
Africa: Organic agricultural land by country 2016

Organic share of total agricultural land
- < 1%
- 1 - 5%
- 5 - 10%
- > 10%

Source: FiBL survey 2018, based on national sources and data from certifiers.
Africa: Organic agriculture in Africa 2016

• In Africa, there were 1.8 million hectares of certified organic agricultural land (data 2016).
• This constitutes about three percent of the world’s organic agricultural land and 0.2 percent of the total agricultural area in the region.
• 741’000 producers were reported.
• The countries with the most organic land are Tanzania (268’729 hectares), Uganda (262’282 hectares), and Ethiopia (186’155 hectares).
• The highest shares of organic land are in Sao Tome and Prince (13.8 percent), Egypt (2.8 percent), and Comoros (1.9 percent).
• The majority of certified organic produce in Africa is destined for export markets.
• The European Union, as the major recipient of these exports, is Africa’s largest market for agricultural produce.
Africa: Development of organic agricultural land 2000-2016

Source: FiBL-IFOAM-SOEL-Surveys 2001-2018
Africa: The ten countries with the largest organic area 2016

Source: FiBL survey 2018
Africa: Distribution of organically managed agricultural land by country 2016

Source: FiBL survey 2018

- Tanzania: 268,729 hectares (15%)
- Uganda: 262,282 hectares (15%)
- Ethiopia: 186,155 hectares (10%)
- Rest: 1,084,533 hectares (60%)
Africa: The ten countries with the highest organic share of total agricultural land 2016

Africa: The countries with the highest organic share of total agricultural land 2016
Source: FiBL survey 2018

- Sao Tome and Principe: 13.8%
- Egypt: 2.8%
- Comoros: 1.9%
- Uganda: 1.8%
- Tunisia: 1.8%
- Réunion (France): 1.8%
- Sierra Leone: 1.8%
- Tanzania: 0.7%
- Cape Verde: 0.6%
- Togo: 0.6%

Share of total agricultural land
Africa: Use of organic agricultural land 2016

Source: FiBL survey 2018; based on information from the private sector, certifiers, and governments.

### Land use types 2016

- **Permanent grassland**: 2%
- **Perm. grassland**: 2%
- **Arable land crops**: 29%
- **Other/No details**: 11%
- **Permanent crops**: 58%

### Key arable crops

- **Oilseeds**: 196 thousand hectares
- **Textile crops**: 136 thousand hectares
- **Cereals**: 67 thousand hectares
- **Vegetables**: 38 thousand hectares
- **Medicinal plants**: 36 thousand hectares

### Key permanent crops

- **Coffee**: 381 thousand hectares
- **Nuts**: 198 thousand hectares
- **Olives**: 140 thousand hectares
- **Cocoa**: 111 thousand hectares
- **Fruit, tropical/subtrop.**: 58 thousand hectares
Africa: The ten countries with the largest number of organic producers 2016

Source: FiBL survey 2018

- Uganda: 210,352 producers
- Ethiopia: 203,602 producers
- Tanzania (2014): 148,610 producers
- Kenya: 37,295 producers
- Congo, D.R.: 36,571 producers
- Madagascar: 20,210 producers
- Senegal: 18,398 producers
- Mali (2014): 12,619 producers
- Zambia: 10,061 producers
- Togo: 9,934 producers
Articles about Africa in the 2018 edition of "The World of Organic Agriculture"

• Latest Developments in Organic Agriculture in Africa, Jordan Gama
Asia: Organic agricultural land by country 2016

Source: FiBL survey 2018, based on national sources and data from certifiers.
Asia: Organic Agriculture in Asia – Key Figures 2016

- The total organic agricultural area in Asia was 4.9 million hectares in 2016.
- This constitutes eight percent of the world’s organic agricultural land, and 0.3 percent of the total agricultural area in the region.
- There were more than 1.1 million producers reported.
- The leading countries by organic agricultural land are China (2.3 million hectares) and India (1.5 million hectares).
- Timor-Leste has the most organic agricultural area as a proportion of total agricultural land (7.4 percent).

Source: FiBL survey 2018
Asia: Development of organic agricultural land 2000-2016

Source: FiBL-IFOAM-SOEL-Surveys 2002-2018
Asia: The ten countries with the most organic agricultural land 2016

Asia: The ten countries with the largest organic area 2016
Source: FiBL survey 2018

- China: 2,281,215 hectares
- India: 1,490,000 hectares
- Kazakhstan: 303,381 hectares
- Philippines: 198,309 hectares
- Indonesia: 126,014 hectares
- Sri Lanka: 96,318 hectares
- Thailand: 57,189 hectares
- Viet Nam: 53,348 hectares
- Pakistan: 45,299 hectares
- Azerbaijan: 37,630 hectares

Hectares
Asia: Distribution of organic agricultural land by country 2016 (total 4.9 million hectares)

Asia: Distribution of organically managed agricultural land by country 2016
Source: FiBL survey 2018

- China: 1'609'928, 40%
- India: 871'980, 22%
- Kazakhstan: 303'381, 8%
- Rest: 1'180'000, 30%

www.fibl.org  FiBL survey 2018
Asia: The ten countries/territories with the highest shares of organic agricultural land 2016

Asia: The countries with the highest organic share of total agricultural land 2016
Source: FiBL survey 2018

- Timor-Leste: 7.4%
- Sri Lanka: 3.5%
- Palestine, State of: 2.0%
- Philippines: 1.6%
- Bhutan: 1.3%
- United Arab Emirates: 1.2%
- Republic of Korea: 1.2%
- Israel: 1.1%
- India: 0.8%
- Taiwan: 0.8%

Share of total agricultural land

Source: FiBL survey 2018
Asia: Use of organic agricultural land 2016
(total: 4.9 million hectares)

Source: FiBL survey 2018; based on information from the private sector, certifiers, and governments.

Land use types 2016

- Arable land crops: 49%
- Permanent crops: 16%
- Permanent grassland: 1%
- Other/No details: 34%

Key arable crops
- Cereals: 1'040
- Oilseeds: 582
- Textile crops: 335
- Green fodders: 162
- Vegetables: 71

Key permanent crops
- Coconut: 199
- Coffee: 114
- Temperate fruit: 100
- Tea: 93
- Nuts: 75
Articles about Asia in the 2018 Edition of "The World of Organic Agriculture"

• Asia Sector Report
  IFOAM Asia
Europe: Organic agricultural land by country 2016

Source: FiBL survey 2018, based on national sources and Eurostat.
Organic agriculture in Europe: Key data/indicators 2016

• 13.5 million hectares of agricultural land are organic (including in conversion areas).
• This constitutes 2.7 percent of the agricultural land in Europe.
• The organic agricultural land increased by 0.85 million hectares or 6.7 percent in 2016.
• More than 373’000 producers were reported.
Organic agriculture in the European Union: Key data/indicators 2016

• 12.1 million hectares of agricultural land are organic (including in conversion areas).
• This constitutes 6.7 percent of the agricultural land in the European Union.
• The organic agricultural land increased by 0.9 million hectares or 8.2 percent in 2016.
• More than 295’000 producers were reported.
Organic Agriculture in the European Union 2016

**Organic Farmland 2016**
- Top 3 countries (largest organic area)
  - France: 1.5 m ha
  - Italy: 1.8 m ha
  - Spain: 2.0 m ha

**Organic Producers & Processors 2016**
- The number of organic producers is increasing
  - Organic producers: 295'123 from 2015
  - Organic processors: 62'652 from 2015

**Organic Market 2016**
- The European market is growing
  - EU organic retail sales in billion euros: 30.7
  - Per capita spending: €60.5
  - Organic market growth: +12%

**Organic retail sales: Top 3 countries (in billion euros)**
- Germany: 9.5
- France: 6.7
- Italy: 2.6

**Organic market growth**
- 21.8%

**Market share**
- 9.7%

**Highest per capita spending is in Denmark**
- €227

Source: FiBL survey based on national sources
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More information: www.organicworld.net
Organic market in Europe: Key data/indicators 2016

- The European market was 33.5 billion euros; 11.4 percent more than in 2015.
- The largest market for organic products in 2016 was Germany with a turnover of 9.5 billion euros, followed by France (6.7 billion euros) and Italy (2.6 billion euros).
- As a portion of the total market share, the highest levels have been reached in Denmark, Luxembourg and Switzerland, with eight percent or more for organic products. The highest per capita spending is also in these countries.

Source: FiBL survey 2018, based on national sources and Eurostat.
Half of Europe’s organic farmland is in 4 countries.

The country with the largest area of organic farmland is in Spain, followed by Italy and France.

Nine countries have 10% or more of their agricultural land under organic management.

In 2016, almost 0.85 million hectares more were reported compared with 2015.

Source: FiBL survey 2018 www.organic-world.net
Europe: The ten countries with the most organic agricultural land 2016

Source: FiBL-AMI survey 2018, based on national data sources and Eurostat
Europe: Distribution of organically managed agricultural land by country 2016

Europe: Distribution of organically managed agricultural land by country 2016 (Total: 13.5 million hectares)
Source: FiBL-AMI survey 2018, based on national data sources and Eurostat
Europe: Distribution of shares of organic land 2016

Europe: Distribution of organic farmland shares 2016
Source: FiBL-AMI survey 2018

- 9 countries: More than 10 percent organic land
- 15 countries: 5 to 10 percent organic land
- 12 countries: 1 to 5 percent organic land
- 9 countries: Less than 1 percent organic land
Europe: The ten countries with the highest shares of organic agricultural land 2016

Europe: Shares of organic agricultural land by country 2016
Source: FiBL-AMI Survey 2018

- Liechtenstein: 30.2%
- Austria: 21.3%
- Sweden: 16.9%
- Estonia: 16.3%
- Switzerland: 13.1%
- Latvia: 12.8%
- Italy: 11.7%
- Czech Republic: 11.3%
- Finland: 10.0%
- Slovakia: 9.6%
Development of the organic agricultural land in Europe 1999-2016

Europe: Development of organic agricultural land 1985-2016
Source: Lampkin, Nic, FiBL-AMI surveys 2006-2018, and OrganicDataNetwork surveys 2013-2015, based on national data sources and Eurostat
European Union and Europe: Development of organic farmland 1985 to 2016

Source: FiBL-AMI survey 2018, based on national data sources and Eurostat
Europe: Growth of organic agricultural land by country group 2000-2016

Source: Lampkin, Nic, FiBL-AMI surveys 2006-2018, and OrganicDataNetwork surveys 2013-2015, based on national data sources and Eurostat
Europe: The 10 countries with the highest growth of organic agricultural land in 2016

Europe: The 10 countries with the highest growth of organic farmland in 2016 (hectares)
Source: FiBL-AMI survey 2018 based on Eurostat and national data sources

<table>
<thead>
<tr>
<th>Country</th>
<th>Area Increase (hectares)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Italy</td>
<td>+303'071</td>
</tr>
<tr>
<td>France</td>
<td>+215'845</td>
</tr>
<tr>
<td>Germany</td>
<td>+162'482</td>
</tr>
<tr>
<td>Hungary</td>
<td>+56'612</td>
</tr>
<tr>
<td>Spain</td>
<td>+50'232</td>
</tr>
<tr>
<td>Bulgaria</td>
<td>+42'068</td>
</tr>
<tr>
<td>Turkey</td>
<td>+37'708</td>
</tr>
<tr>
<td>Denmark</td>
<td>+34'688</td>
</tr>
<tr>
<td>Sweden</td>
<td>+33'712</td>
</tr>
<tr>
<td>Latvia</td>
<td>+27'538</td>
</tr>
</tbody>
</table>

Europe: The 10 countries with the highest relative growth of organic agricultural land in 2016 (%)
Source: FiBL-AMI survey 2018 based on Eurostat and national data sources

<table>
<thead>
<tr>
<th>Country</th>
<th>Area Increase (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Iceland</td>
<td>+132%</td>
</tr>
<tr>
<td>Bosnia and Herzegovina</td>
<td>+72%</td>
</tr>
<tr>
<td>Macedonia, FYROM</td>
<td>+49%</td>
</tr>
<tr>
<td>Hungary</td>
<td>+44%</td>
</tr>
<tr>
<td>Bulgaria</td>
<td>+35%</td>
</tr>
<tr>
<td>Liechtenstein</td>
<td>+25%</td>
</tr>
<tr>
<td>Croatia</td>
<td>+23%</td>
</tr>
<tr>
<td>Denmark</td>
<td>+21%</td>
</tr>
<tr>
<td>Italy</td>
<td>+20%</td>
</tr>
<tr>
<td>Cyprus</td>
<td>+18%</td>
</tr>
</tbody>
</table>
Europe: Use of organic agricultural land 2016 (total: 13.5 million hectares)

Land use types 2016

- Arable land crops: 45%
- Permanent grassland: 42%
- Permanent crops: 11%
- Other/No details: 2%

Key arable crops:
- Cereals: 1,040,000 hectares
- Oilseeds: 582,000 hectares
- Textile crops: 335,000 hectares
- Green fodders: 162,000 hectares
- Vegetables: 71,000 hectares

Key permanent crops:
- Olives: 575,000 hectares
- Grapes: 328,000 hectares
- Nuts: 267,000 hectares
- Temperate fruits: 128,000 hectares
- Citrus fruit: 49,000 hectares

Source: FiBL-AMI survey 2018
Europe: Distribution of organic producers and processors in Europe 2016

Europe: Distribution of organic producers 2016
Source: FiBL-AMI survey 2018

Europe: Distribution of organic processors 2016
Source: FiBL-AMI survey 2018

- **Italy**: 26%
- **Germany**: 23%
- **France**: 16%
- **Spain**: 6%
- **United Kingdom**: 5%
- **Others**: 24%

- **Italy**: 17%
- **Germany**: 15%
- **France**: 9%
- **Spain**: 10%
- **Poland**: 6%
- **Austria**: 7%
- **Greece**: 5%
- **Romania**: 3%
- **Turkey**: 18%
- **Others**: 18%
Europe: Development of organic producers 2000 to 2016

Source: FiBL-AMI surveys 2006-2018 based on national data sources and Eurostat
The European Union (30.7 billion €) is the second largest single market after the US (38.9 billion) and China. By region, North America has the lead (41.9 billion €), followed by Europe (33.5 billion €) and Asia.

The European countries with the largest markets for organic food are Germany (9.5 billion €), France (6.7 billion €), Italy (2.6 billion €), and the UK (2.5 billion €).

Switzerland has the highest per capita consumption of organic food worldwide, followed by Denmark and Sweden.

The highest organic share of the total market is in Denmark, followed by Luxembourg, Switzerland, Sweden, and Austria.

Europe and European Union: Development of retail sales 2000-2016
Europe and European Union: Growth of per consumption of organic products 2005-2016

Europe and European Union: Growth of the per capita consumption 2000-2016
European Union: Development of the organic market in selected European countries 2004-2016

European Union: Market development in selected countries 2004-2016
Source: AMI, Germany; Agence Bio France, AssoBio, Italy; LF Denmark
Germany: Development of the organic market 1997-2016

Germany: Organic market development in Germany 1997-2016

Source: ZMP, AMI, Arbeitskreis Biomarkt

Billion euros

0 1 2 3 4 5 6 7 8 9 10
1.5 2.1 2.7 3.0 3.1 3.5 3.9 4.6 5.3 5.8 5.8 6.0 6.6 7.0 7.4 7.8 8.6 9.5

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United Kingdom: Development of the organic market 1995-2016

United Kingdom: Market development 2004-2016
Source: Soil Association, Organic Research Centre Elm Farm

Billion UK Pounds


0.1 0.2 0.4 0.8 1.0 1.5 1.8 1.8 1.7 1.8 1.9 2.0

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Europe: Distribution of sales of organic food and drink by country 2016 (total: 33.5 billion euros)

<table>
<thead>
<tr>
<th>Country</th>
<th>Sales Share</th>
</tr>
</thead>
<tbody>
<tr>
<td>Germany</td>
<td>28%</td>
</tr>
<tr>
<td>France</td>
<td>20%</td>
</tr>
<tr>
<td>Italy</td>
<td>8%</td>
</tr>
<tr>
<td>UK</td>
<td>7%</td>
</tr>
<tr>
<td>Switzerland</td>
<td>7%</td>
</tr>
<tr>
<td>Netherlands</td>
<td>4%</td>
</tr>
<tr>
<td>Austria</td>
<td>5%</td>
</tr>
<tr>
<td>Spain</td>
<td>5%</td>
</tr>
<tr>
<td>Sweden</td>
<td>6%</td>
</tr>
<tr>
<td>Switzerland</td>
<td>7%</td>
</tr>
<tr>
<td>Others</td>
<td>10%</td>
</tr>
</tbody>
</table>

Europe: Distribution of retail sales by country 2016
Source: FiBL-AMI survey 2018
Distribution of retail sales in Europe and worldwide

Europe: Distribution of retail sales by country 2016
Source: FiBL-AMI survey 2018

- Germany: 28%
- France: 20%
- Italy: 8%
- UK: 7%
- Switzerland: 7%
- Sweden: 6%
- Spain: 5%
- Austria: 5%
- Netherlands: 4%
- Others: 10%

World: Distribution of retail sales by single market 2016
Source: FiBL-AMI survey 2018

- USA: 47%
- EU-28: 37%
- Switzerland: 3%
- Canada: 3%
- China: 6%
- Others: 4%
The European market for organic food and drink: The countries with the highest sales 2016

Europe: Organic retail sales value by country 2016
Source: FiBL-AMI survey 2018

- Germany: 9,478 million euros
- France: 6,736 million euros
- Italy: 2,644 million euros
- United Kingdom: 2,460 million euros
- Switzerland: 2,298 million euros
- Sweden: 1,944 million euros
- Spain: 1,686 million euros
- Austria: 1,542 million euros
- Denmark: 1,298 million euros
- Netherlands: 1,171 million euros

Million euros

0 2,000 4,000 6,000 8,000 10,000

www.fibl.org
Europe: The countries with the highest per-capita consumption of organic food 2016

Source: FiBL-AMI survey 2018
Europe: The ten countries with the highest organic shares of the total market 2016

Source: FiBL-AMI survey 2018
Articles about Europe in the 2018 Edition of "The World of Organic Agriculture"

- Organic Farming in Europe
  Helga Willer, Stephen Meredith, Bram Moeskops, and Emanuele Busacca
- Organic Farming and Market Development in Europe and the European Union
  Helga Willer, Diana Schaack and Julia Lernoud
- Organic in Ukraine
  Olga Trofimtseva and Natalie Prokopchuk
Latin America/Caribbean: Organic agricultural land by country 2016

Source: FiBL survey 2018, based on national sources and data from certifiers.
Latin America: Key figures 2016

- In Latin America, almost 460,000 producers managed 7.1 million hectares of agricultural land organically in 2016.
- This constitutes 12 percent of the world’s organic land and 0.9 percent of the region’s agricultural land.
- The leading countries are Argentina (3 million hectares), Uruguay (1.7 million hectares), and Brazil (0.75 million hectares).
- The highest shares of organic agricultural land are in the Falkland Islands/Malvinas (12.2 percent), Uruguay (11.5 percent), and French Guiana (10 percent).
Organic Agriculture in Latin America 2016

**Organic Farmland 2016**
- Top 3 countries (largest organic area)
  - Brazil: 1.75 m ha
  - Argentina: 1.7 m ha
  - Uruguay: 3 m ha

**Organic Producers 2016**
- The number of organic producers is increasing
  - 458'532 Organic farmers
  - +91% Producers growth from 2007

**Organic Land Use 2016**
- Land use 2016
  - Arable land crops: 7%
  - Permanent crops: 14%
  - Other/No details: 17%
  - Permanent grassland: 62%

**Key arable crops (thousand hectares)**
- Cereals: 164
- Vegetables: 103
- Sugarcane: 69

**Key permanent crops (thousand hectares)**
- Coffee: 424
- Cocoa: 230
- Tropical & subtropical fruit: 190

**Organic share of total farmland: Top 3 countries**
- Falkland Islands (Malvinas): 12.2%
- Uruguay: 11.5%
- French Guiana: 10.0%

**Number of producers: Top 3 countries**
- Mexico: 210'000
- Peru: 91'771
- Paraguay: 58'258

Source: FiBL survey based on national sources
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More information: www.organic-world.net
Latin America: Key figures 2016

• Most organic products from Latin American countries are sold on the European, North American or Japanese markets. Popular goods are especially those that cannot be produced in those regions, as well as off-season products.

• Many Latin American countries remain important exporters of organic products such as bananas, cocoa and coffee; in countries such as Argentina and Uruguay, temperate fruit and meat are key export commodities. At the same time, domestic markets are trending positively in the region.

• Important crops are tropical fruits, grains and cereals, coffee, cocoa, sugar, and meats. Most organic food sales in the domestic markets of the countries occur in major cities.
Latin America: Development of organically managed agricultural land 2000-2016

Latin America and Caribbean: Development of organic agricultural land 2000 to 2016
Source: FiBL-IFOAM-SOEL-Surveys 2002-2018
Latin America and Caribbean: The ten countries with the largest organic areas 2016

Latin America and Caribbean: The ten countries with the largest organic area 2016
Source: FiBL survey 2018

1. Argentina: 3'011'794 hectares
2. Uruguay: 1'656'952 hectares
3. Brazil (2014): 750'000 hectares
4. Mexico: 673'968 hectares
5. Peru: 323'578 hectares
6. Dominican Republic: 205'258 hectares
7. Falkland Islands (Malvinas): 135'596 hectares
9. Paraguay: 64'097 hectares
10. Ecuador: 39'824 hectares

Hectares
0 1'000'000 2'000'000 3'000'000 4'000'000
Latin America/Caribbean: Distribution of organic agricultural land by country 2016

Latin America/Caribbean: Distribution of organic agricultural land by country 2016 (total: 7.1 million hectares)
Source: FiBL survey 2018

- Argentina: 3'073'412; 46%
- Uruguay: 1'029'797; 15%
- Brazil: 584'093; 9%
- Mexico: 705'233; 11%
- Rest: 1'307'421; 19%

www.fibl.org
Latin America: The ten countries with the highest organic share of total agricultural land 2016

Latin America and Caribbean: The countries with the highest organic share of total agricultural land 2016
Source: FiBL survey 2018

<table>
<thead>
<tr>
<th>Country</th>
<th>Share of total agricultural land</th>
</tr>
</thead>
<tbody>
<tr>
<td>Falkland Islands (Malvinas)</td>
<td>12.2%</td>
</tr>
<tr>
<td>Uruguay</td>
<td>11.5%</td>
</tr>
<tr>
<td>French Guiana (France)</td>
<td>10.0%</td>
</tr>
<tr>
<td>Dominican Republic</td>
<td>8.7%</td>
</tr>
<tr>
<td>Argentina</td>
<td>2.0%</td>
</tr>
<tr>
<td>Peru</td>
<td>1.3%</td>
</tr>
<tr>
<td>Grenada (2010)</td>
<td>1.1%</td>
</tr>
<tr>
<td>Dominica (2011)</td>
<td>1.0%</td>
</tr>
<tr>
<td>Martinique (France)</td>
<td>0.9%</td>
</tr>
<tr>
<td>Honduras</td>
<td>0.9%</td>
</tr>
</tbody>
</table>
Latin America: Use of organic agricultural land 2016 (total: 7.1 million hectares)

Latin America and Caribbean: Use of organic agricultural land 2016
Source: FiBL survey 2018; based on information from the private sector, certifiers, and governments.

Land use types 2016

Key arable crops
- Cereals: 164
- Vegetables: 103
- Sugarcane: 69
- Oilseeds: 67
- Medicinal plants: 36

Key permanent crops
- Coffee: 424
- Cocoa: 230
- Fruit, tropical/subtrop.: 190
- Coconut: 34
- Nuts: 25

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Articles about Latin America and the Caribbean in the 2018 edition of "The World of Organic Agriculture"

- Latin America and the Caribbean
  Patricia Flores Escudero
North America: Organic agricultural land by country 2016

Source: USDA and COTA 2018
Organic Agriculture in North America: Key figures 2016

- In North America, 3.1 million hectares are managed organically, of these are two million in the United States and more than 1 million in Canada.

- This represents 0.8 percent of the total agricultural area in the region and 6 percent of the world’s organic agricultural land.

- In 2016, the organic market continued to grow in North America, reaching 41.9 billion euros. In Canada, the organic market grew by over 9 percent in 2016, and in the United States the organic market grew by 8 percent.

- The United States is the largest single organic market in the world, and North America continues to be the continent with the largest organic market.

Source: USDA and COTA 2018

North America: Development of organic agricultural land
2000-2016
Source: COG-COTA and USDA, 2001-2018

North America: Organic agriculture area 2016
Source: COTA and USDA, 2018

United States of America

Canada

Hectares

1'099'014

2'031'318
North America: Distribution of organic agricultural land by country 2016

North America: Distribution of organic agricultural land by country 2016 (Total: 3.1 million hectares)
Source: COTA and USDA

- United States of America: 65%
- Canada: 35%

Source: COTA and USDA
North America: Shares of organic agricultural land 2016

North America: Organic share of total agricultural land 2016
Source: COTA and USDA, 2018

- Canada: 1.7%
- United States of America: 0.6%

Share of total agricultural land

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North America: Use of organic agricultural land 2016 (total: 3.1 million hectares)

Source: FiBL survey 2018; based on information from the private sector, certifiers, and governments.

Land use types 2016
- Permanent grassland: 46%
- Arable land crops: 38%
- Permanent crops: 3%
- Other/No details: 13%

Key arable crops
- Cereals: 542 thousand hectares
- Green fodders: 329 thousand hectares
- Oilseeds: 102 thousand hectares
- Vegetables: 78 thousand hectares
- Dry pulses: 72 thousand hectares

Key permanent crops
- Temperate fruit: 13 thousand hectares
- Grapes: 12 thousand hectares
- Berries: 10 thousand hectares
- Nuts: 9 thousand hectares
- Citrus fruit: 5 thousand hectares
Articles about North America in the 2018 Edition of "The World of Organic Agriculture"

- U.S. organic sales set new records
  Barbara Fitch Haumann

- Canada
  Tia Loftsgard and Marie-Eve Levert
Oceania: Organic agricultural land by country 2016

FiBL survey 2018, based on national sources and data from certifiers.
Organic agriculture in Oceania: Key figures 2016

- This region includes Australia, New Zealand, and the Pacific Islands.
- Altogether, there are over 27,000 producers, managing 27.3 million hectares.
- This constitutes 6.5 percent of the agricultural land in the area and almost 47 percent of the world’s organic land.
- Ninety-nine percent of the organic land in the region is in Australia (27.2 million hectares, 97 percent of which is estimated to be extensive grazing land), followed by New Zealand (74,134 hectares), and Samoa (63,393 hectares).
- The highest shares of all agricultural land are in the French Polynesia (31.3 percent), followed by Samoa (22.4 percent), Australia (6.7 percent), and Vanuatu (6.3 percent).
Oceania: Development of organic agricultural land 2000-2016

Source: FiBL-IFOAM-SOEL-Surveys 2002-2018
Oceania: Organic agricultural land by country 2016
Source: FiBL survey 2018

<table>
<thead>
<tr>
<th>Country</th>
<th>Hectares</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>27'145'021</td>
</tr>
<tr>
<td>New Zealand</td>
<td>74'134</td>
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<tr>
<td>Samoa</td>
<td>63'393</td>
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<tr>
<td>Papua New Guinea</td>
<td>15'632</td>
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<td>French Polynesia</td>
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<td>Fiji</td>
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<td>Vanuatu</td>
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<td>Kiribati</td>
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<td>Tonga</td>
<td>1'502</td>
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<td>New Caledonia</td>
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<tr>
<td>Niue</td>
<td>164</td>
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<td>Cook Islands</td>
<td>10</td>
</tr>
</tbody>
</table>

Hectares
North America: Distribution of organic agricultural land by country 2016

Oceania: Distribution of organic agricultural land by country 2016 (Total: 27.3 million hectares)
Source: FiBL survey 2018

- Australia: 99%
- Rest: 1%

www.fibl.org
Oceania: Shares of organic agricultural land 2016

Oceania: Organic share of total agricultural land by country 2016
Source: FiBL survey 2018

- French Polynesia: 31.3%
- Samoa: 22.4%
- Australia: 6.7%
- Vanuatu: 6.3%
- Solomon Islands: 5.3%
- Kiribati: 4.7%
- Tonga: 4.6%
- Niue: 3.3%
- Fiji: 3.1%
- Papua New Guinea: 1.3%
- New Zealand: 0.7%
- Cook Islands: 0.7%
- New Caledonia: 0.2%

Share of total agricultural land
Oceania: Use of organic agricultural land 2016
(total: 27.3 million hectares)

Oceania: Use of organic agricultural land 2016
Source: FiBL survey 2018

- Permanent grassland: 96%
- Other/No details: 4%

Source: FiBL survey 2018

www.fibl.org
Articles about Oceania in the 2018 Edition of "The World of Organic Agriculture"

- Australia
  Andrew Lawson, Andrew Monk and Amy Cosby
- The Pacific Islands
  Karen Mapusua
References and data sources


*FiBL= Research Institute of Organic Agriculture, Switzerland;
**IFOAM = International Federation of Organic Agriculture Movements, Germany; ***AMI = Agricultural Information Company, Germany

More information


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