Organic Agriculture Worldwide: Key results from the FiBL survey on organic agriculture worldwide 2017
Part 3: Organic agriculture in the regions 2015

Julia Lernoud and Helga Willer
Research Institute of Organic Agriculture (FiBL), Frick, Switzerland
© FiBL 2017
Organic Agriculture Worldwide: Key results from the FiBL-IFOAM survey on organic agriculture worldwide 2017: Part 3: Organic agriculture in the regions 2015

› 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/yearbook2017/slide-presentations.html

› Texts and graphs: Helga Willer and Julia Lernoud; Research Institute of Organic Agriculture FiBL, Frick, Switzerland

› Contact: Helga Willer, helga.willer@fibl.org, and Julia Lernoud, julia.lernoud@fibl.org, Research Institute of Organic Agriculture, FiBL, Frick, Switzerland.

› © Research Institute of Organic Agriculture (FiBL), Frick, Switzerland, February, 2017
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

› 200 experts from all parts of the world contributed to the FiBL survey 2017.

* See also disclaimer on last page of this slide show
The World of Organic Agriculture 2017

- The 17th edition of 'The World of Organic Agriculture', was published by FiBL and IFOAM in February 2017.*

- Contents:
  - Results of the survey on organic agriculture worldwide;
  - Organic agriculture in the regions and country reports; Australia, Canada, Kenya, the Pacific Islands, and The United States of America.
  - Chapters on the global market, standards & legislations, voluntary standards, PGS, policy support, European market.
  - Numerous tables and graphs.
  - New additions:
    - Metadata on the FiBL survey
    - Chapter on organic cotton production by Textile Exchange
    - Overview of the organic and Fairtrade markets
    - 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
About this presentation

› There are 3 presentations summarizing the key results of the FiBL survey on organic agriculture worldwide 2017 (data 2015). 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/yearbook2017/slide-presentations.html:
  
  › Part 1: Global data 2015 and survey background
  
  › Part 2: Land use and key crops in organic agriculture 2015
  
  › Part 3: Organic agriculture in the regions 2015
The 18th Survey on organic agriculture worldwide

› The 18th 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 2016 and February 2017.

› Data were received from 179 countries.

› New countries included: Brunei Darussalam, Cape Verde, Hong Kong, Kuwait, Monaco, Sierra Leone, and Somalia.

› Updated data on area and producers were available for 161 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 2017” and at www.organic-world.net.
Africa: Organic agricultural land by country 2015

Source: FiBL survey 2017, based on national sources and data from certifiers.
Africa: Organic agriculture in Africa 2015

› In Africa, there were 1.7 million hectares of certified organic agricultural land (data 2015).

› This constitutes about three percent of the world’s organic agricultural land and 0.1 percent of the total agricultural area in the region.

› 719’000 producers were reported.

› The countries with the most organic land are Tanzania (268’729 hectares), Uganda (241’150 hectares), and Ethiopia (186’155 hectares).

› The highest shares of organic land are in Sao Tome and Prince (13.8 percent), Egypt (2.3 percent), and Uganda (1.7 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.

Source: FiBL survey 2017

Source: FiBL-IFOAM-SOEL 2001-2017
Africa: The ten countries with the most organic agricultural land 2015

<table>
<thead>
<tr>
<th>Country</th>
<th>Hectares</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tanzania</td>
<td>268'729</td>
</tr>
<tr>
<td>Uganda</td>
<td>241'150</td>
</tr>
<tr>
<td>Ethiopia</td>
<td>186'155</td>
</tr>
<tr>
<td>Kenya</td>
<td>150'479</td>
</tr>
<tr>
<td>Tunisia</td>
<td>145'629</td>
</tr>
<tr>
<td>Sudan (2014)</td>
<td>130'000</td>
</tr>
<tr>
<td>Madagascar</td>
<td>120'929</td>
</tr>
<tr>
<td>Congo DR</td>
<td>94'386</td>
</tr>
<tr>
<td>Egypt</td>
<td>85'000</td>
</tr>
<tr>
<td>Côte d'Ivoire</td>
<td>40'078</td>
</tr>
</tbody>
</table>

Source: FiBL survey 2017
Africa: Distribution of organically managed agricultural land by country 2015

Source: FiBL survey 2017
Africa: The ten countries with the highest organic share of total agricultural land 2015

Africa: The countries with the highest organic share of total agricultural land 2015
Source: FiBL survey 2017

- Sao Tome and Principe (2014): 13.8%
- Egypt: 2.3%
- Uganda: 1.7%
- Réunion (France): 1.5%
- Tunisia: 1.4%
- Comoros: 1.2%
- Tanzania: 0.7%
- Cape Verde: 0.6%
- Kenya: 0.5%
- Ethiopia: 0.5%

Source: www.fibl.org
Africa: Use of organic agricultural land 2015

Source: FiBL survey 2017; based on information from the private sector, certifiers, and governments.

Land use types 2015

- Permanent crops 56%
- Arable land crops 24%
- Other/No details 18%
- Perm. grassland 2%

Key arable crops

- Oilseeds: 156,000
- Textile crops: 127,000
- Cereals: 72,000
- Dry pulses: 16,000
- Medicinal plants: 9,000

Key permanent crops

- Coffee: 305,000
- Fruit, tropical/subtrop.: 154,000
- Olives: 128,000
- Nuts: 118,000
- Cocoa: 110,000
Africa: The ten countries with the largest number of organic producers 2015

Source: FiBL survey 2017

- Ethiopia: 203,602 producers
- Uganda: 190,670 producers
- Tanzania (2014): 148,610 producers
- Congo DR: 36,571 producers
- Kenya: 33,155 producers
- Madagascar: 22,850 producers
- Senegal (2014): 18,395 producers
- Mali (2014): 12,619 producers
- Zambia: 10,057 producers
- Togo (2014): 9,933 producers
Articles about Africa in the 2017 edition of "The World of Organic Agriculture"

› Latest Developments in Organic Agriculture in Africa, Jordan Gama

› Organic Farming in Kenya: Promising Growth and a Bright Future, Richard Ngunjiri
Asia: Organic agricultural land by country 2015

Source: FiBL survey 2017, based on national sources and data from certifiers.
Asia: Organic Agriculture in Asia – Key Figures 2015

› The total organic agricultural area in Asia was 4 million hectares in 2015.

› This constitutes eight percent of the world’s organic agricultural land, and 0.2 percent of the total agricultural area in the region.

› There were more than 0.85 million producers reported.

› The leading countries by organic agricultural land are China (1.6 million hectares) and India (1.2 million hectares).

› Timor-Leste has the most organic agricultural area as a proportion of total agricultural land (almost seven percent).

Source: FiBL survey 2017
Asia: Development of organic agricultural land 2000-2015

Asia: Development of organic agricultural land 2000 to 2015
Source: FiBL-IFOAM-SOEL 2002-2017
Asia: Distribution of organic agricultural land by country 2015 (total 4 million hectares)

Africa: Distribution of organically managed agricultural land by country 2015

Source: FiBL survey 2017

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

FiBL survey 2017
Asia: The ten countries with the most organic agricultural land 2015

Asia: The ten countries with the largest organic area 2015
Source: FiBL survey 2017

- China: 1,609,928 hectares
- India: 1,180,000 hectares
- Kazakhstan: 303,381 hectares
- Philippines: 234,642 hectares
- Indonesia: 130,384 hectares
- Sri Lanka: 96,318 hectares
- Viet Nam: 76,666 hectares
- Thailand: 45,587 hectares
- Azerbaijan: 37,630 hectares
- Saudi Arabia: 36,487 hectares
Asia: The ten countries/territories with the highest shares of organic agricultural land 2015

Asia: The countries with the highest organic share of total agricultural land 2015
Source: FiBL survey 2017

Timor-Leste: 6.6%
Sri Lanka: 3.5%
Palestine, State of: 2.0%
Philippines: 1.9%
Bhutan: 1.3%
UAE (2014): 1.1%
Israel: 1.1%
Republic of Korea: 1.0%
Taiwan: 0.8%
Azerbaijan: 0.8%
Asia: Use of organic agricultural land 2015 (total: 4 million hectares)

Asia: Use of agricultural organic land 2015
Source: FiBL survey 2017; based on information from the private sector, certifiers, and governments.

Land use types 2015
- Arable crops: 56%
- Permanent crops: 19%
- Permanent grassland: 1%
- Other/No details: 24%

Key arable crops
- Cereals: 900 thousand hectares
- Oilseeds: 638 thousand hectares
- Textile crops: 298 thousand hectares
- Green fodders: 155 thousand hectares
- Vegetables: 54 thousand hectares

Key permanent crops
- Coconut: 243 thousand hectares
- Temperate fruit: 121 thousand hectares
- Coffee: 110 thousand hectares
- Tea: 75 thousand hectares
- Nuts: 67 thousand hectares
Articles about Asia in the 2017 Edition of "The World of Organic Agriculture"

› Development of the Organic Sector in Asia in 2016
  IFOAM Asia
Europe: Organic agricultural land by country 2015

Source: FiBL survey 2017, based on national sources and Eurostat.
Organic agriculture in Europe: Key data/indicators 2015

› 12.7 million hectares of agricultural land are organic (including in conversion areas).
› This constitutes 2.5 percent of the agricultural land in Europe.
› The organic agricultural land increased by 0.96 million hectares or 8.2 percent in 2015.
› Almost 350’000 producers were reported.

Source: FiBL survey 2017, based on national sources and Eurostat.
Organic agriculture in the European Union: Key data/indicators 2015

› 11.2 million hectares of agricultural land are organic (including in conversion areas).

› This constitutes 6.2 percent of the agricultural land in the European Union.

› The organic agricultural land increased by 0.8 million hectares or 7.8 percent in 2015.

› Almost 270’000 producers were reported.

Source: FiBL survey 2017, based on national sources and Eurostat.
Organic market in Europe: Key data/indicators 2015

› The European market was 29.8 billion euros; 13 percent more than in 2014.

› The largest market for organic products in 2015 was Germany with a turnover of 8.6 billion euros, followed by France (5.5 billion euros) and the UK (2.6 billion euros).

› As a portion of the total market share, the highest levels have been reached in Denmark, Switzerland and Luxembourg, with six percent or more for organic products. The highest per capita spending is also in these countries.

Source: FiBL survey 2017, 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 2015, almost 1 million hectares more were reported compared with 2014.

## Distribution of organic agricultural land by country 2015

- **Spain**
- **Italy**
- **France**
- **Germany**
- **Poland**
- **Others**

## Top 5 countries with the largest areas of organic agricultural land 2015

- **Spain**
- **Italy**
- **France**
- **Germany**
- **Poland**

## Top 5 countries, where more than 10 percent of the farmland is organic 2015

- **Spain**
- **Italy**
- **France**
- **Germany**
- **Poland**


Source: FiBL survey 2017 www.organic-world.net
Europe: The ten countries with the most organic agricultural land 2015

Europe: The ten countries with the largest organic area 2015
Source: FiBL-AMI survey 2017, based on national data sources and Eurostat

Spain: 1,968,570 hectares
Italy: 1,492,579 hectares
France: 1,375,328 hectares
Germany: 1,088,838 hectares
Poland: 580,731 hectares
Austria: 553,570 hectares
Sweden: 518,983 hectares
United Kingdom: 495,929 hectares
Turkey: 486,069 hectares
Czech Republic: 478,033 hectares
Europe: Distribution of organically managed agricultural land by country 2015

Europe: Distribution of organically managed agricultural land by country 2015 (Total: 12.7 million hectares)

Source: FiBL-AMI survey 2017, based on national data sources and Eurostat
Europe: Distribution of shares of organic land 2015

Europe: Distribution of organic farmland shares 2015
Source: FiBL-AMI survey 2017

- 11 countries: More than 10 percent organic land
- 8 countries: 5 to 10 percent organic land
- 17 countries: 1 to 5 percent organic land
- 9 countries: Less than 1 percent organic land

www.fibl.org
Europe: The ten countries with the highest shares of organic agricultural land 2015

Europe: Shares of organic agricultural land by country 2015
Source: FiBL-AMI Survey 2017

- Liechtenstein: 30.2%
- Austria: 21.3%
- Sweden: 16.9%
- Estonia: 16.3%
- Switzerland: 13.1%
- Latvia: 12.8%
- Italy: 11.70%
- Czech Republic: 11.30%
- Finland: 10.00%
- Slovakia: 9.60%

Share of total area
Development of the organic agricultural land in Europe 1999-2015

Europe: Development of organic agricultural land 1985-2015
Source: Lampkin, Nic, FiBL-AMI surveys 2006-2017, and OrganicDataNetwork surveys 2013-2015, based on national data sources and Eurostat
European Union and Europe: Development of organic farmland 1985 to 2015


Source: FiBL-AMI Survey 2017, based on national data sources and Eurostat
Europe: Growth of organic agricultural land by country group 2000-2015

Europe: Growth of organic farmland by country group 2000-2015

Source: Lampkin, Nic, FiBL-AMI surveys 2006-2017, 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 2015

Europe: The 10 countries with the highest growth of organic agricultural land in 2015 (hectares)

Source: FiBL-AMI survey 2017 based on Eurostat and national data sources

- Spain: +258'095
- France: +256'483
- Russian Federation: +139'294
- Italy: +104'666
- Lithuania: +49'189
- Greece: +44'243
- Bulgaria: +44'201
- Germany: +41'205
- Portugal: +29'029
- Latvia: +28'165
Europe: Use of organic agricultural land 2015 (total: 12.7 million hectares)

Europe: Use of agricultural organic land 2015
Source: FiBL-AMI survey 2017

Land use types 2015

- Arable crops: 45%
- Permanent grassland: 42%
- Permanent crops: 11%
- Other agri. Land/No details: 2%

Key arable crops
- Cereals: 2'233 thousand hectares
- Green fodders: 2'066 thousand hectares
- Dry pulses: 329 thousand hectares
- Oilseeds: 299 thousand hectares
- Vegetables: 158 thousand hectares

Key permanent crops
- Olives: 532 thousand hectares
- Grapes: 293 thousand hectares
- Nuts: 219 thousand hectares
- Fruit, temperate: 142 thousand hectares
- Citrus fruit: 43 thousand hectares
Figure: Distribution of organic producers and processors in Europe 2015

Europe: Distribution of organic producers 2015
Source: FiBL-AMI survey 2017

Europe: Distribution of organic processors 2015
Source: FiBL-AMI survey 2017
Europe: Development of organic producers
2000 to 2015

Europe and European Union: Development of organic producers
2000-2015
Source: FiBL-AMI Surveys 2006-2017 based on national data sources and Eurostat
The European Union (27.1 billion €) is the second largest single market after the US (36 billion) and China. By region, North America has the lead (38.5 billion €), followed by Europe (29.8 billion €) and Asia.

The European countries with the largest markets for organic food are Germany (8.6 billion €), France (5.5 billion €), the UK (2.6 billion €), and Italy (2.3 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 Switzerland, Luxembourg, Sweden, and Austria.

Source: FiBL survey 2017  www.organic-world.net


Europe and European Union: Growth of the per capita consumption 2005-2015

European Union: Development of the organic market in selected European countries 2004-2015

European Union: Market development in selected countries
2004-2015

Source: AMI, Germany; Agence Bio France, AssoBio, Italy; LF Denmark
Germany

Germany: Market development in selected countries 2004-2015

Source: ZMP, AMI, Arbeitskreis Biomarkt
United Kingdom: Development of the organic market in the UK 1995-2015

United Kingdom: Market development 2004-2015
Source: Soil Association, Organic Research Centre Elm Farm
Europe: Distribution of sales of organic food and drink by country 2015 (total: 29.8 billion euros)

Europe: Distribution of retail sales by country 2015
Source: FiBL-AMI survey 2017
Figure: Distribution of retail sales in Europe and worldwide

Europe: Distribution of retail sales by country 2015
Source: FiBL-AMI survey 2017

- Germany: 29%
- France: 18%
- United Kingdom: 9%
- Italy: 8%
- Sweden: 6%
- Switzerland: 7%
- Denmark: 4%
- Spain: 5%
- Netherlands: 4%
- Others: 10%

World: Distribution of retail sales by single market 2015
Source: FiBL-AMI survey 2017

- USA: 47%
- EU-28: 36%
- China: 6%
- Canada: 4%
- Switzerland: 3%
- Other: 4%

The European market for organic food and drink: The countries with the highest sales 2015

Europe: Organic retail sales value by country 2015
Source: FiBL-AMI survey 2017

- Germany: 8'620 million euros
- France: 5'534 million euros
- United Kingdom: 2'604 million euros
- Italy: 2'317 million euros
- Switzerland: 2'175 million euros
- Sweden: 1'726 million euros
- Spain: 1'498 million euros
- Denmark: 1'079 million euros
- Netherlands: 1'072 million euros
- Austria (2011): 1'065 million euros

Million euros
Europe: The countries with the highest per-capita consumption 2015

Europe: The countries with the highest per capita consumption 2015
Source: FiBL-AMI Survey 2017

<table>
<thead>
<tr>
<th>Country</th>
<th>Per capita consumption in euros</th>
</tr>
</thead>
<tbody>
<tr>
<td>Switzerland</td>
<td>262.2</td>
</tr>
<tr>
<td>Denmark</td>
<td>190.7</td>
</tr>
<tr>
<td>Sweden</td>
<td>177.1</td>
</tr>
<tr>
<td>Luxembourg</td>
<td>170.0</td>
</tr>
<tr>
<td>Liechtenstein</td>
<td>142.4</td>
</tr>
<tr>
<td>Austria (2011)</td>
<td>127.0</td>
</tr>
<tr>
<td>Germany</td>
<td>105.9</td>
</tr>
<tr>
<td>France</td>
<td>83.3</td>
</tr>
<tr>
<td>Norway</td>
<td>68.1</td>
</tr>
<tr>
<td>Netherlands</td>
<td>63.4</td>
</tr>
</tbody>
</table>
Europe: Growth of per capita consumption 2005-2015

Europe and European Union: Growth of the per capita consumption 2000-2015

Source: FiBL-AMI Surveys 2002-2017,
Europe: The ten countries with the highest organic shares of the total market 2015

Europe: The countries with the highest organic shares of the total market 2015

Source: FiBL-AMI Survey 2017

- Denmark: 8.4%
- Switzerland: 7.7%
- Luxembourg: 7.5%
- Sweden: 7.3%
- Austria (2011): 6.5%
- Germany: 4.8%
- Netherlands: 4.3%
- France: 2.9%
- Belgium: 2.7%
- Italy: 2.5%
Articles about Europe in the 2017 Edition of "The World of Organic Agriculture"

› Organic Farming in Europe
  Helga Willer, Stephen Meredith, Yulia Barabanova, Bram Moeskops, and Matthias Stolze

› Organic Farming and Market Development in Europe and the European Union
  Helga Willer, Diana Schaack and Julia Lernoud
Latin America/Caribbean: Organic agricultural land by country 2015

Source: FiBL survey 2017, based on national sources and data from certifiers.
Latin America: Key figures 2015

- In Latin America, more than 450’000 producers managed 6.7 million hectares of agricultural land organically in 2015.
- This constitutes 13 percent of the world’s organic land and 0.9 percent of the region's agricultural land.
- The leading countries are Argentina (3.1 million hectares), Uruguay (1.3 million hectares), and Brazil (0.75 million hectares).
- The highest shares of organic agricultural land are in the Falkland Islands/Malvinas (12.5 percent), Uruguay (9 percent), and French Guiana (9 percent).

Source: FiBL survey 2017
Latin America: Key figures 2015

- 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/Caribbean: Distribution of organic agricultural land by country 2015

Latin America/Caribbean: Distribution of organic agricultural land by country 2015 (total: 6.7 million hectares)

Source: FiBL survey 2017
Latin America and Caribbean: The ten countries with the largest organic areas 2015

Source: FiBL survey 2017

Argentina: 3'073'412
Uruguay: 1'307'421
Brazil (2014): 750'000
Mexico: 584'093
Peru: 327'245
Dominican Republic: 163'936
Falkland Islands (Malvinas): 139'041
Bolivia (2014): 114'306
Paraguay: 64'097
Ecuador (2014): 45'818
Latin America: The ten countries with the highest organic share of total agricultural land 2015

Latin America and Caribbean: The countries with the highest organic share of total agricultural land 2015

Source: FiBL survey 2017

- Falkland Islands (Malvinas): 12.5%
- Uruguay: 9.0%
- French Guiana (France): 9.0%
- Dominican Republic: 7.0%
- Argentina: 2.1%
- Peru: 1.3%
- Grenada (2010): 1.1%
- Dominica (2011): 1.0%
- Martinique (France): 0.9%
- El Salvador: 0.9%
Latin America: Development of organically managed agricultural land 2000-2015

Latin America and Caribbean: Development of organic agricultural land 2000 to 2015

Source: FiBL-IFOAM-SOEL 2002-2017
Latin America: Use of organic agricultural land 2015 (total: 6.7 million hectares)

Latin America and Caribbean: Use of agricultural organic land 2015
Source: FiBL survey 2017; based on information from the private sector, certifiers, and governments.

Land use types 2015

- Permanent grassland: 65%
- Permanent crops: 12%
- Arable land crops: 5%
- No details/other: 18%

Key arable crops
- Cereals: 124.8 thousand hectares
- Sugarcane: 69.9 thousand hectares
- Oilseeds: 42.3 thousand hectares
- Vegetables: 18.0 thousand hectares
- Dry pulses: 6.7 thousand hectares

Key permanent crops
- Coffee: 476.9 thousand hectares
- Cocoa: 187.2 thousand hectares
- Fruit, tropical/subtrop.: 119.8 thousand hectares
- Citrus fruit: 10.4 thousand hectares
- Grapes: 7.2 thousand hectares
Articles about Latin America and the Caribbean in the 2017 edition of "The World of Organic Agriculture"

› Latin America and the Caribbean
  Patricia Flores Escudero
North America: Organic agricultural land by country 2015

Source: USDA and COTA 2017
Organic Agriculture in North America: Key figures 2015

› In North America, 3 million hectares are managed organically, of these are two million in the United States and more than 0.9 million in Canada.

› This represents 0.7 percent of the total agricultural area in the region and 6 percent of the world’s organic agricultural land.

› In 2015, the organic market continued to grow in North America, reaching 39 billion euros. In Canada, the organic market grew by over 9 percent in 2015, and in the United States the organic market grew by 11 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 2017
North America: Organic agricultural land 2015

North America: Organic agriculture area 2015
Source: COTA and USDA, 2016

- United States of America: 2,029,327 hectares
- Canada: 944,558 hectares

Hectares:
0  500,000  1,000,000  1,500,000  2,000,000  2,500,000
North America: Distribution of organic agricultural land by country 2015

North America: Distribution of organic agricultural land by country 2015 (Total: 3 million hectares)
Source: COTA and USDA

- United States of America: 68%
- Canada: 32%

(Total: 3 million hectares)
North America: Shares of organic agricultural land 2015

North America: Organic share of total agricultural land 2015
Source: COTA and USDA, 2016

- Canada: 1.4%
- United States of America: 0.6%

North America: Development of organic agricultural land
2000-2015
Source: COG-COTA and USDA, 2001-2016
North America: Use of organic agricultural land 2015 (total: 3 million hectares)

North America: Land use in organic agriculture 2015
Source: COTA and USDA, 2016

Land use types 2015

- Permanent grassland: 45%
- Arable land crops: 46%
- Other agricultural land: 6%
- Permanent crops: 2%
- No details: 1%

Key arable crops:
- Cereals: 559 thousand hectares
- Green fodders: 286 thousand hectares
- Vegetables: 116 thousand hectares
- Oilseeds: 101 thousand hectares
- Dry pulses: 38 thousand hectares

Key permanent crops:
- Temperate fruit: 19 thousand hectares
- Berries: 13 thousand hectares
- Grapes: 13 thousand hectares
- Nuts: 9 thousand hectares
- Citrus fruit: 4 thousand hectares
Articles about North America in the 2017 Edition of "The World of Organic Agriculture"

› Organic Continues to Set Records in the United States
  Barbara Fitch Haumann

› Canada
  Marie-Eve Levert and Jill Guerra
Oceania: Organic agricultural land by country 2015

FiBL survey 2017, based on national sources and data from certifiers.
Organic agriculture in Oceania: Key figures 2015

- This region includes Australia, New Zealand, and the Pacific Islands.
- Altogether, there are over 22,000 producers, managing 22.8 million hectares.
- This constitutes 5.6 percent of the agricultural land in the area and almost 45 percent of the world’s organic land.
- Ninety-nine percent of the organic land in the region is in Australia (22.7 million hectares, 97 percent of which is estimated to be extensive grazing land), followed by New Zealand (74,134 hectares), and Samoa (27,656 hectares).
- The highest shares of all agricultural land are in Samoa (9.8 percent), followed by Tonga (8 percent), Australia (5.6 percent), and Solomon Islands (5.2 percent).
Oceania: Organic agricultural land 2015

Oceania: Organic agricultural land by country 2015

Source: FiBL survey 2017

<table>
<thead>
<tr>
<th>Country</th>
<th>Hectares</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>22'690'000</td>
</tr>
<tr>
<td>New Zealand</td>
<td>15'829</td>
</tr>
<tr>
<td>Samoa</td>
<td>10'939</td>
</tr>
<tr>
<td>Papua New Guinea</td>
<td>10'000</td>
</tr>
<tr>
<td>Fiji</td>
<td>9'474</td>
</tr>
<tr>
<td>Vanuatu</td>
<td>5'612</td>
</tr>
<tr>
<td>Solomon Islands</td>
<td>2'629</td>
</tr>
<tr>
<td>Tonga</td>
<td>1'600</td>
</tr>
<tr>
<td>Kiribati</td>
<td>411</td>
</tr>
<tr>
<td>New Caledonia</td>
<td>167</td>
</tr>
<tr>
<td>French Polynesia</td>
<td>52</td>
</tr>
<tr>
<td>Niue</td>
<td>10</td>
</tr>
<tr>
<td>Cook Islands</td>
<td>0</td>
</tr>
</tbody>
</table>

Hectares

FiBL
www.fibl.org
Oceania: Development of organic agricultural land 2000-2015

Source: FiBL-IFOAM-SOEL 2002-2017
Oceania: Shares of organic agricultural land 2015

Oceania: Organic share of organic agricultural land 2015
Source: FiBL survey 2017

<table>
<thead>
<tr>
<th>Country</th>
<th>Share of total agricultural land</th>
</tr>
</thead>
<tbody>
<tr>
<td>Samoa</td>
<td>14.3%</td>
</tr>
<tr>
<td>Tonga</td>
<td>6.4%</td>
</tr>
<tr>
<td>Solomon Islands</td>
<td>6.3%</td>
</tr>
<tr>
<td>Kiribati</td>
<td>4.7%</td>
</tr>
<tr>
<td>Australia (2013)</td>
<td>4.2%</td>
</tr>
<tr>
<td>Vanuatu</td>
<td>3.5%</td>
</tr>
<tr>
<td>Niue</td>
<td>3.3%</td>
</tr>
<tr>
<td>Fiji</td>
<td>2.2%</td>
</tr>
<tr>
<td>Papua New Guinea</td>
<td>1.7%</td>
</tr>
<tr>
<td>New Zealand (2012)</td>
<td>0.9%</td>
</tr>
<tr>
<td>Cook Islands</td>
<td>0.3%</td>
</tr>
<tr>
<td>New Caledonia</td>
<td>0.2%</td>
</tr>
<tr>
<td>French Polynesia</td>
<td>0.2%</td>
</tr>
</tbody>
</table>

Source: FiBL survey 2017
Oceania: Use of organic agricultural land 2015
(total: 22.8 million hectares)

Source: FiBL survey 2017

- **Permanent grassland**: 97%
- **Other/No details**: 3%
Articles about Oceania in the 2017 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


› Contact
Helga Willer and Julia Lernoud
Research Institute of Organic Agriculture (FiBL)
5070 Frick
Switzerland
helga.willer@fibl.org and julia.lernoud@fibl.org
Disclaimer

› All of the results contained in this slide show have been compiled by the Research Institute of Organic Agriculture (FiBL). However, the possibility of mistakes cannot be ruled out entirely. Therefore, FIBL is not subject to any obligation and makes no guarantees whatsoever regarding any of the statements or results in this work; neither FiBL accepts responsibility or liability for any possible mistakes, nor for any consequences of actions taken by readers based on statements or advice contained therein.

› This document has been produced with the support of the Swiss State Secretariat for Economic Affairs (SECO), the International Trade Centre (ITC) and NürnbergMesse. The views expressed herein can in no way be taken to reflect the official opinions of SECO, ITC or NürnbergMesse.