

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

**Helga Willer**

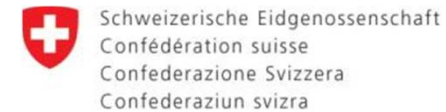
**Research Institute of Organic Agriculture, FiBL, Switzerland**

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



Swiss Confederation

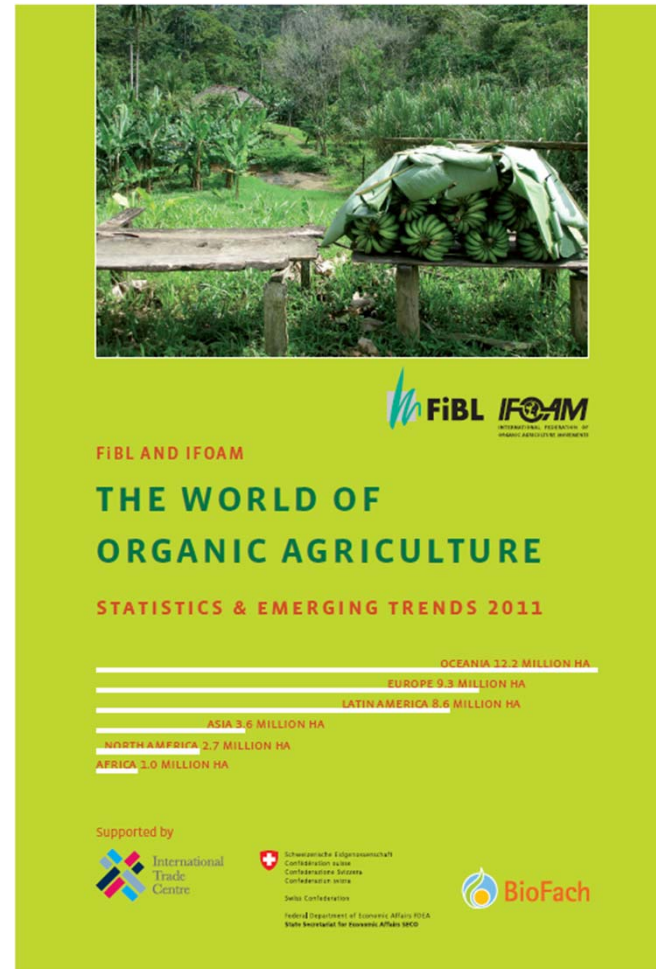
Federal Department of Economic Affairs FDEA  
State Secretariat for Economic Affairs SECO



# The World of Organic Agriculture 2011

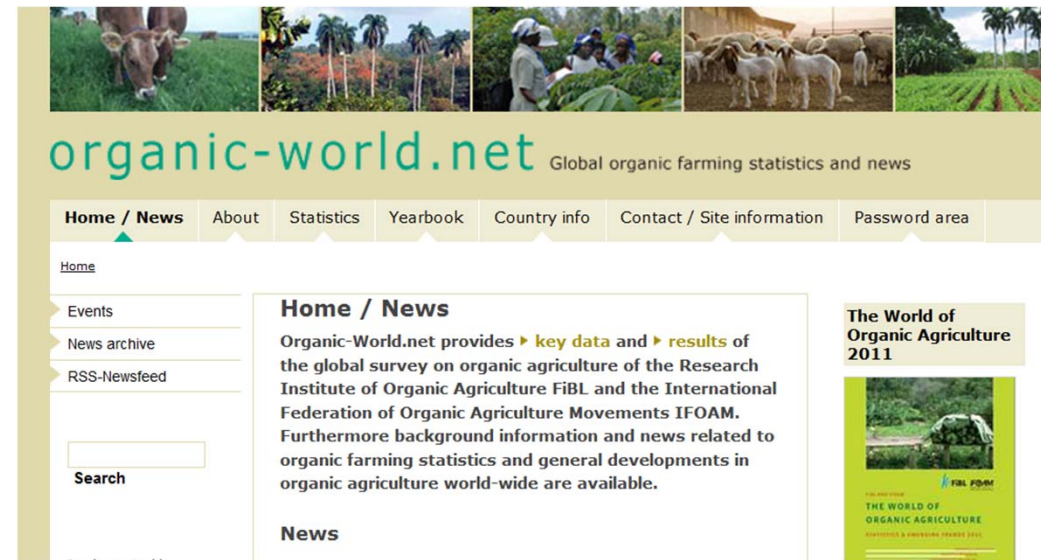
- › The 12th edition of 'The World of Organic Agriculture', was published by FiBL and IFOAM in February 2011.\*
- › Contents:
  - › Results of the survey on organic agriculture worldwide;
  - › Organic agriculture in the regions and country reports;
  - › Armenia, Australia, Canada, Chile, China, Costa 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.

\*Willer, H, and Kilcher, L. (2011) The World of Organic Agriculture. Statistics and Emerging Trends 2011. IFOAM, Bonn, and FiBL, Frick



# Website [www.organic-world.net](http://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

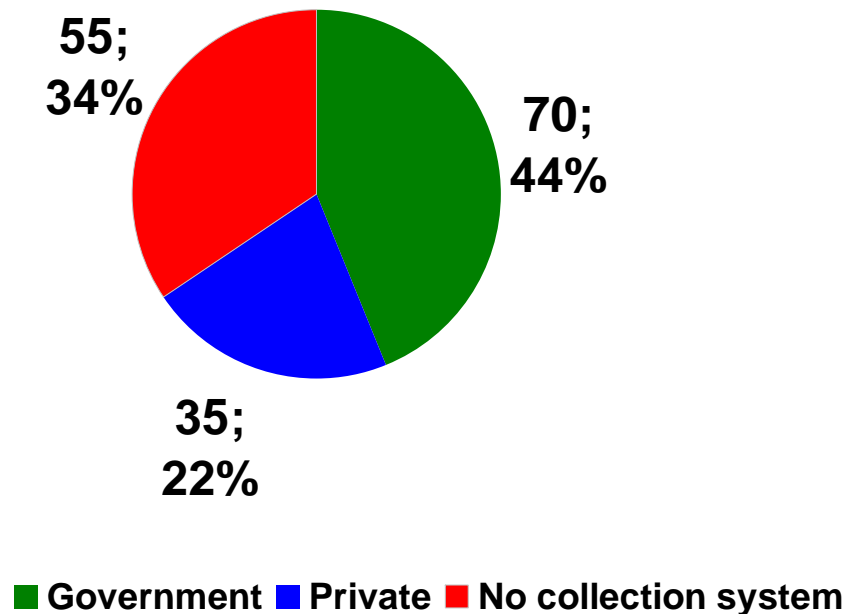
- › The 12th survey on organic agriculture worldwide was carried out by the Research Institute of Organic Agriculture FiBL and the International Federation of Organic Agriculture Movements IFOAM.
- › The survey was carried out between July 2010 and February 2011.
- › Data were received from 160 countries (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.
- › The results are published in the yearbook 'The World of Organic Agriculture 2011' and at [www.organic-world.net](http://www.organic-world.net).

## Countries and territories covered by the global survey on organic agriculture 2009

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

# 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



# International certifiers that provided data for several countries (2009 data)





# Networks, transnational data collection efforts



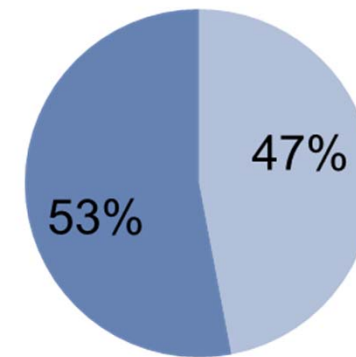
## Key data/indicators related to area and producers 2009

- › 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

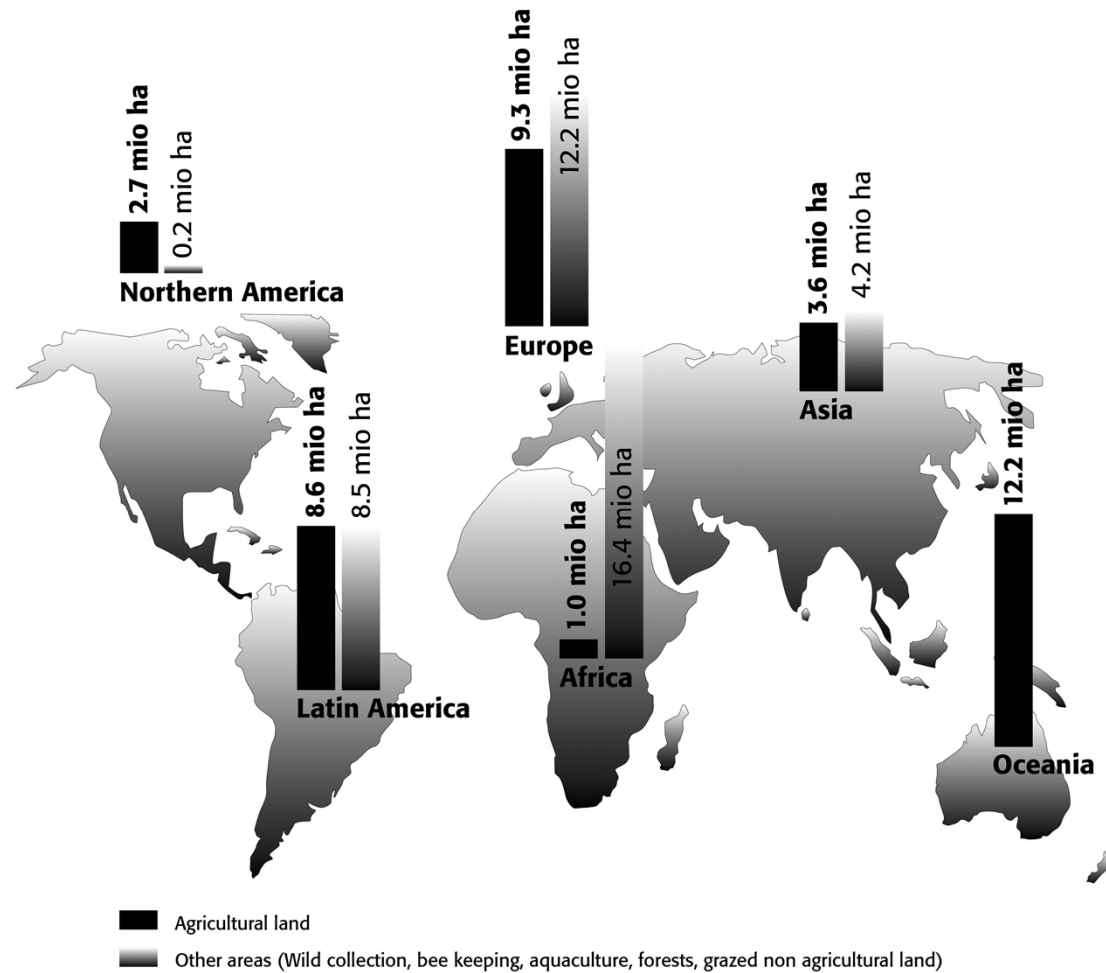
- › Agricultural land (37.2 million hectares in 2009)
  - › Cropland
    - › **Arable land** (cereals, vegetables etc.)
    - › **Permanent crops** (fruit, grapes, olives ...)
    - › **Cropland, no details** (=arable land and permanent crops)
  - › Permanent grassland
  - › Other agricultural land
-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

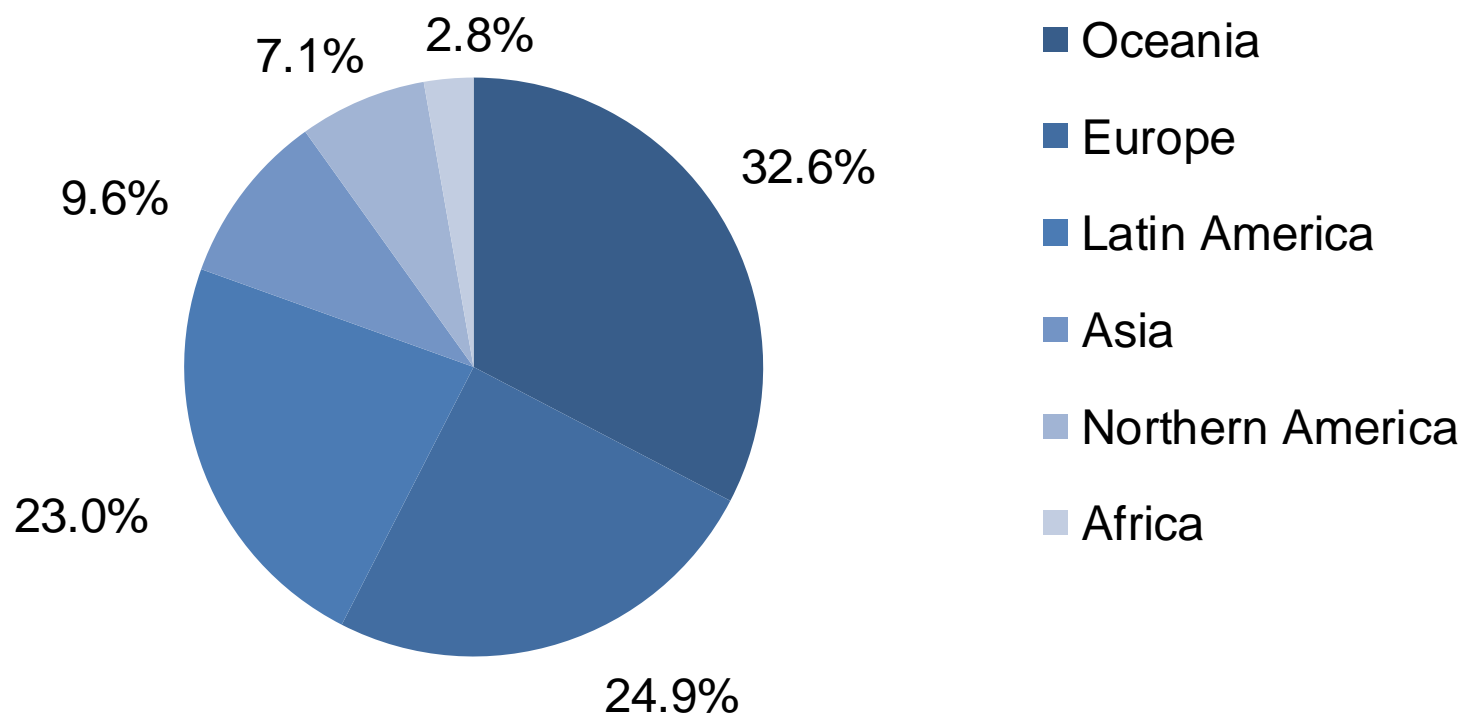


- Agricultural land
- Non agricultural areas

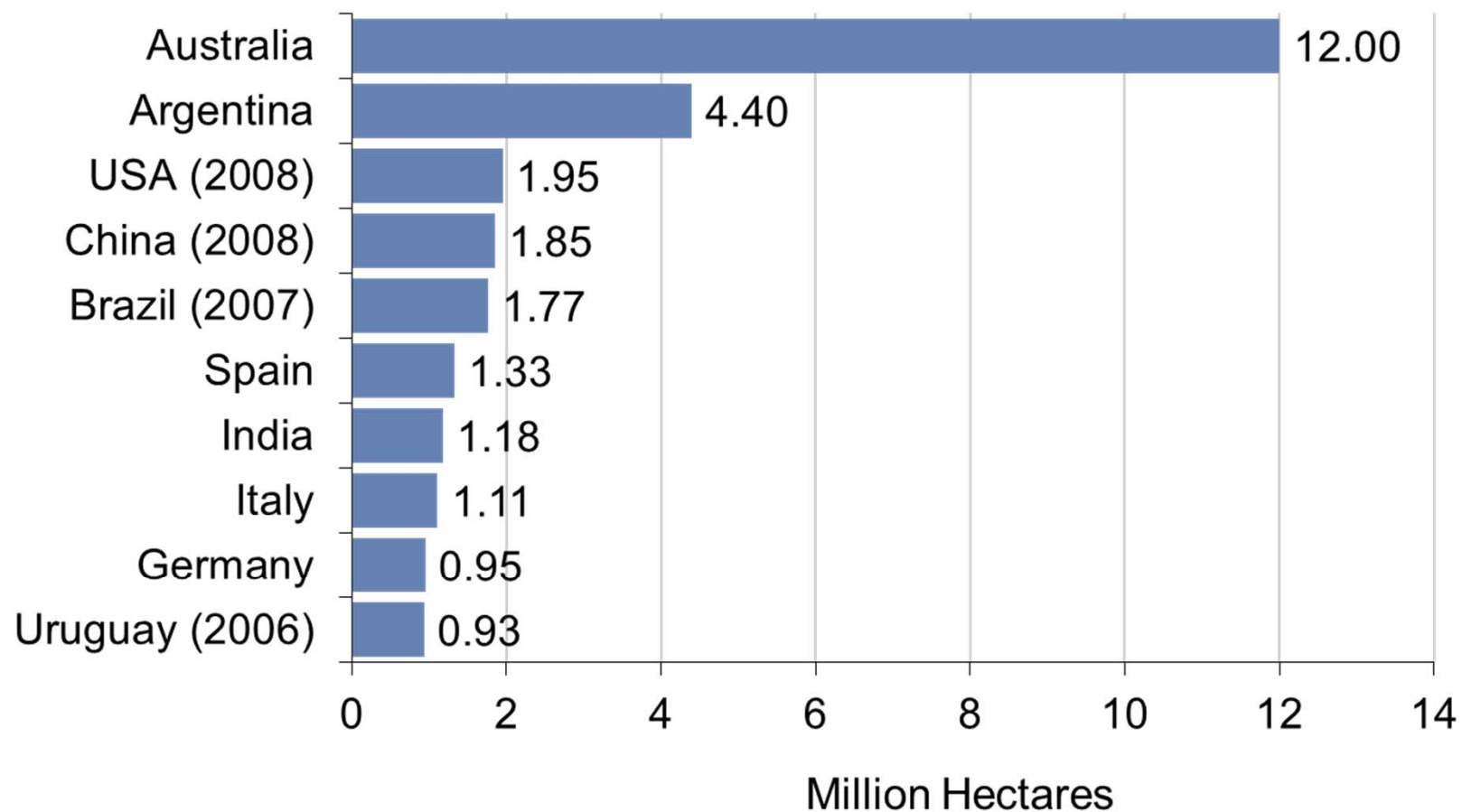
# Organic agricultural land and other organic areas 2009



# Distribution of organic agricultural land by region 2009



# World: The ten countries with the most organic agricultural land 2009

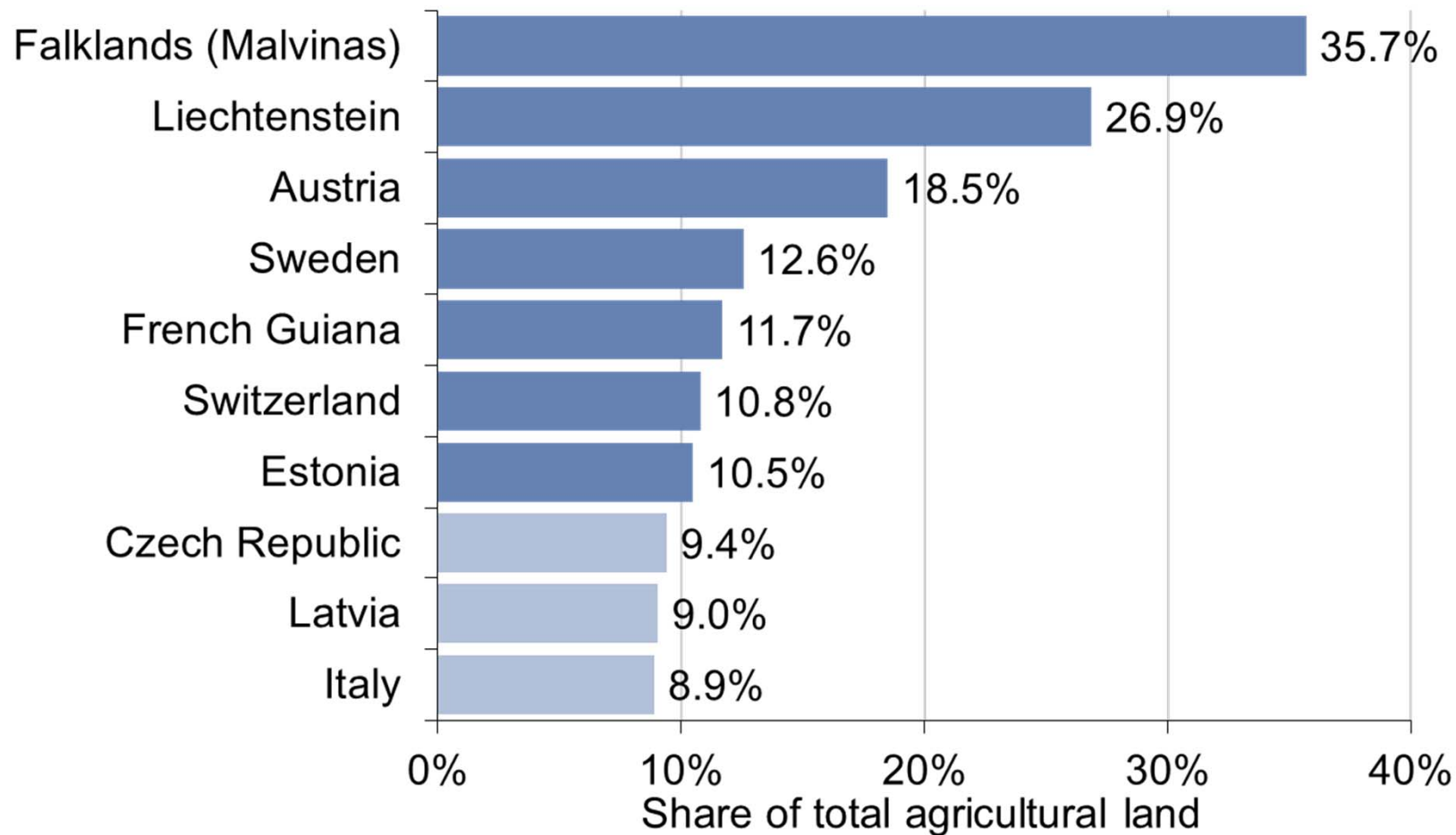


Argentina, US and Uruguay: Only fully converted areas

# Share of organic agricultural land of total agricultural land by region 2009

Region	Agr. land (ha)	Share of the region's total agr. Land
Africa	1'026'632	0.1%
Asia	3'581'918	0.3%
Europe	9'259'934	1.9%
<i>European Union</i>	<i>8'346'372</i>	<i>4.7%</i>
Latin America	8'558'910	1.4%
Oceania	12'152'108	2.8%
Northern America	2'652'624	0.7%
Total	37'232'127	0.9%

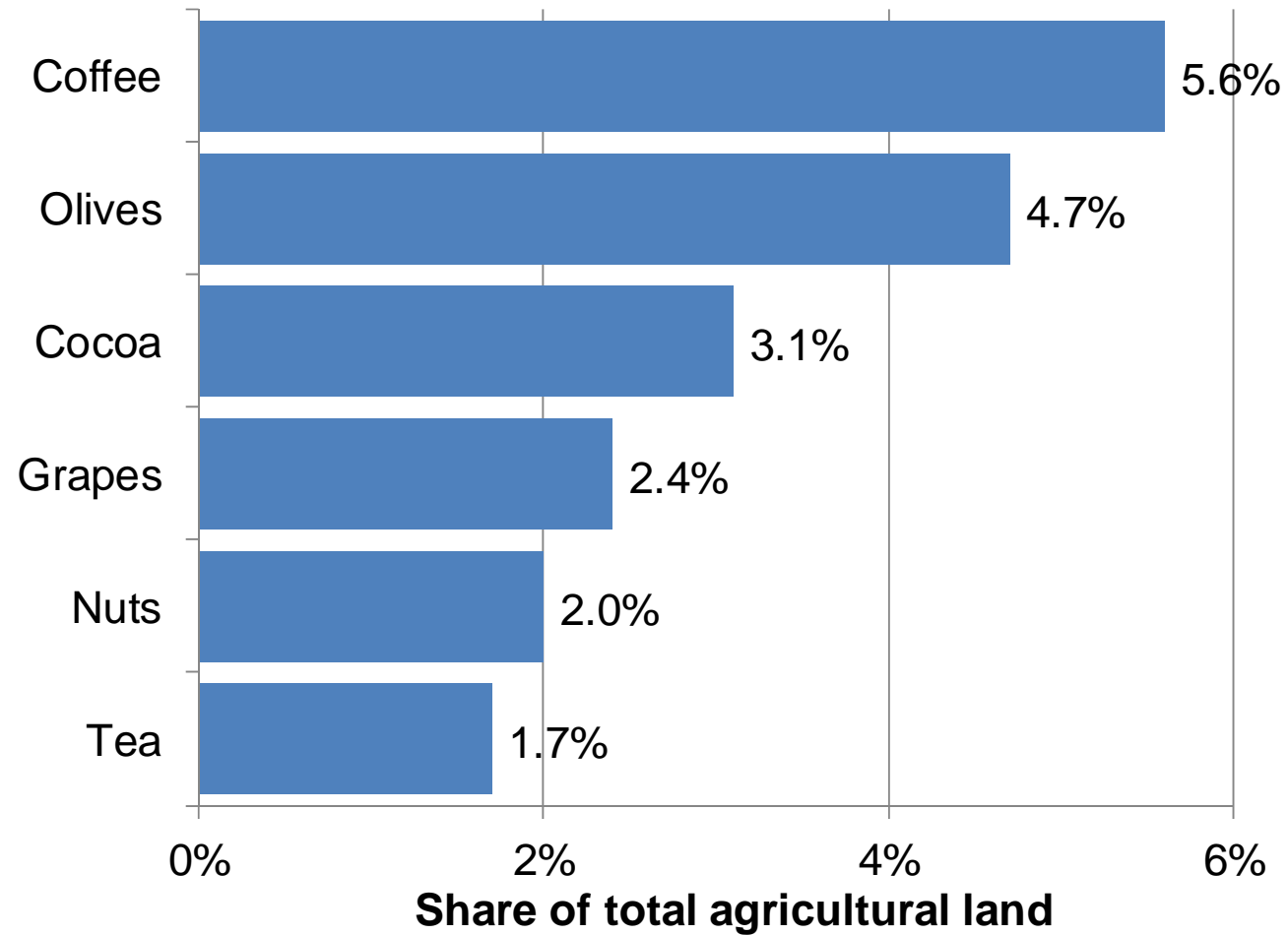
# The ten countries/areas with the highest shares of organic agricultural land 2009





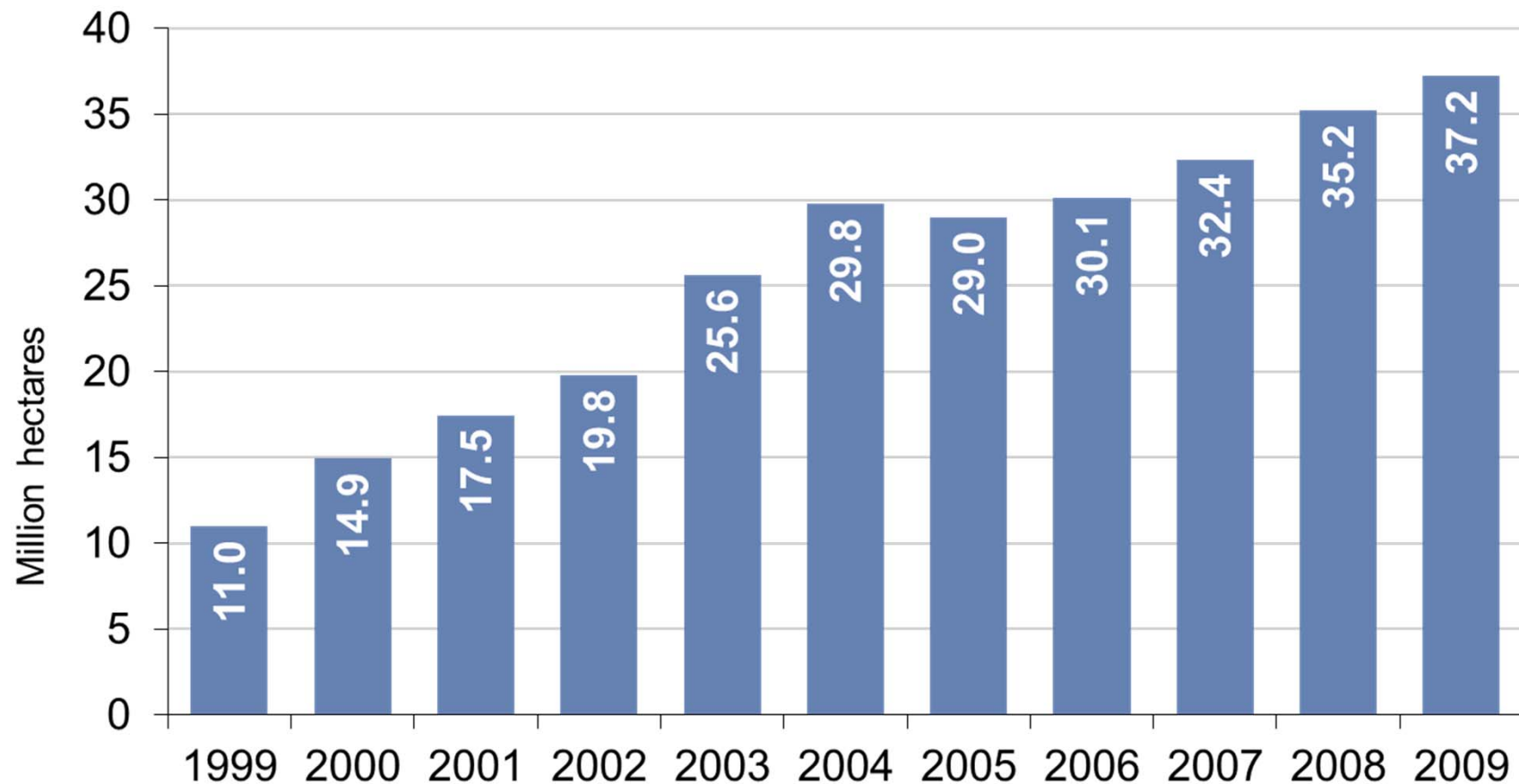
# Shares of some key crops of the respective total area (2009)

(not for all countries with data on organic farming land use data were available)

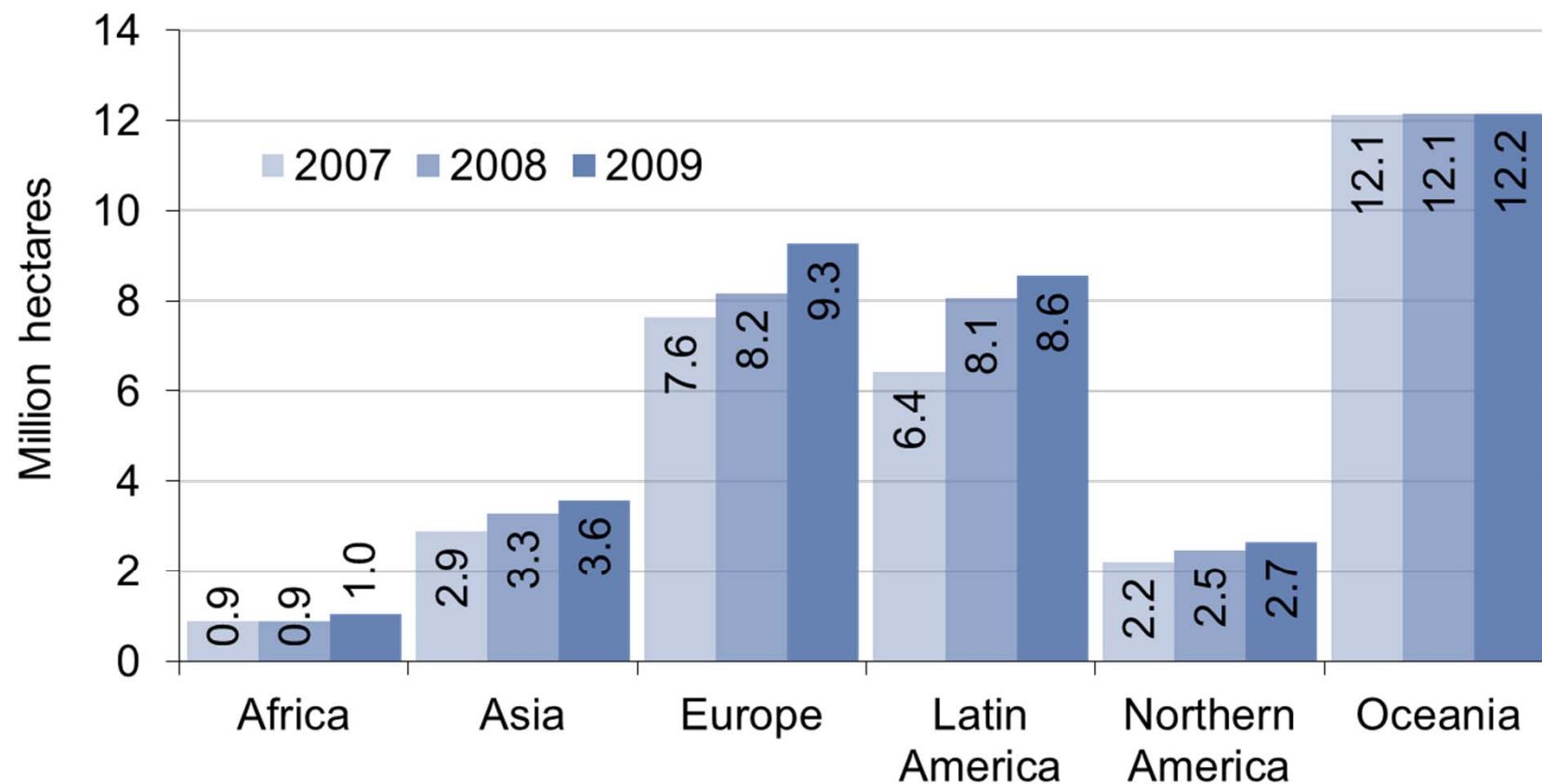


Source: FiBL/IFOAM Survey 2011, based on data from governments, organic sector organisations and certifiers.

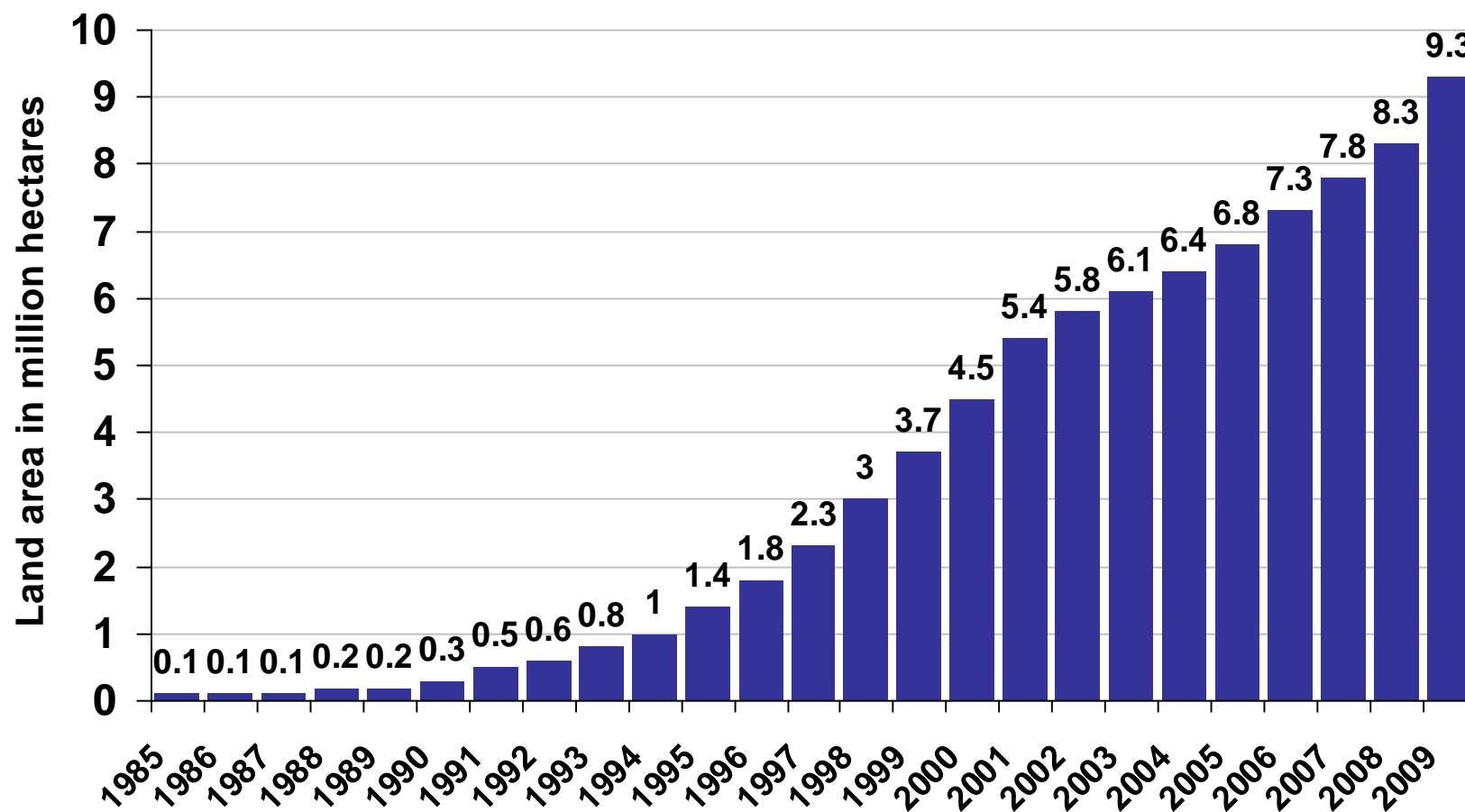
# World: Development of organic agricultural land 1999-2009



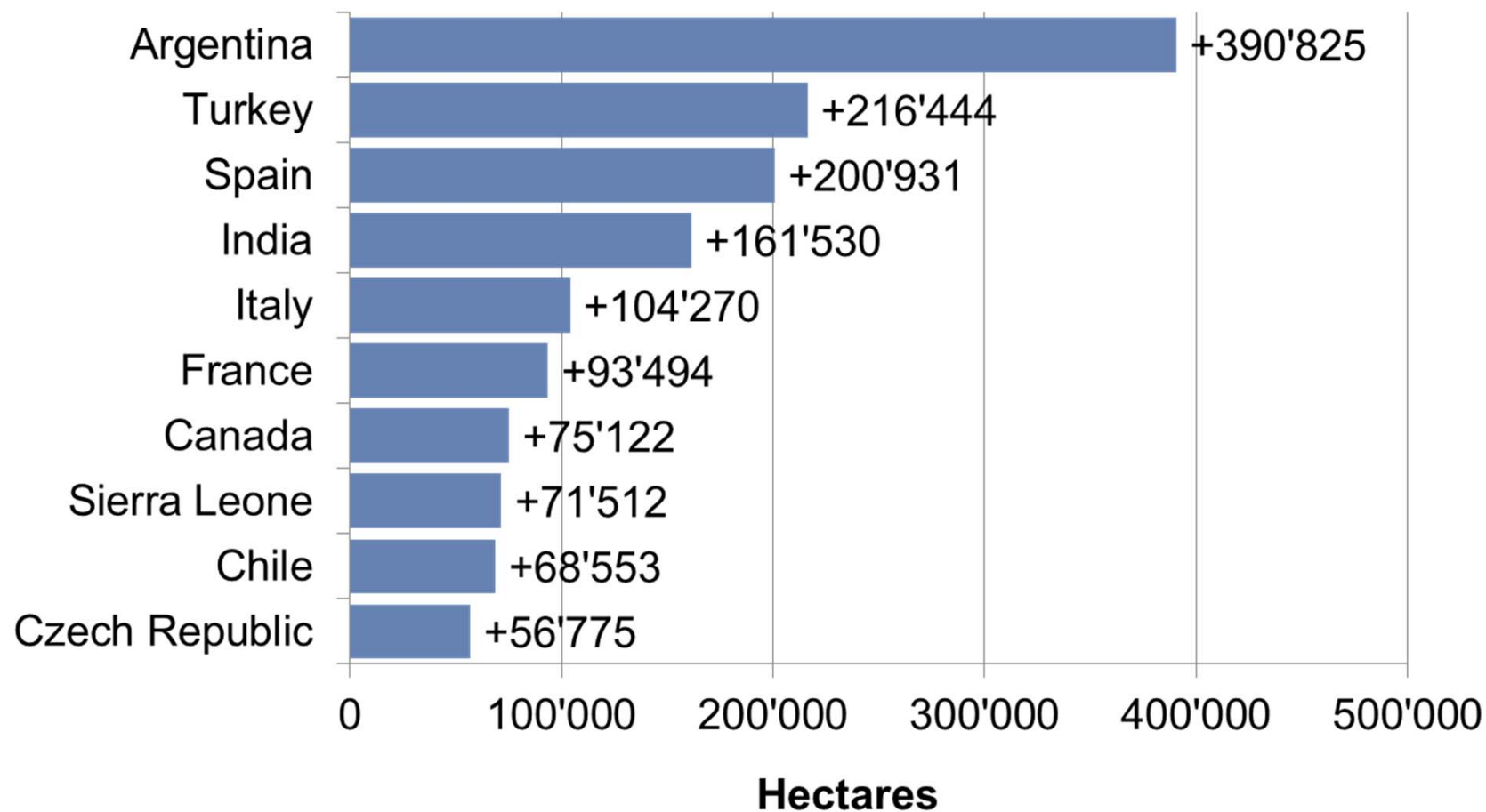
# World: Development of organic agricultural land 2007 to 2009 by geographical region



# Development of the organic agricultural land in Europe 1985-2009

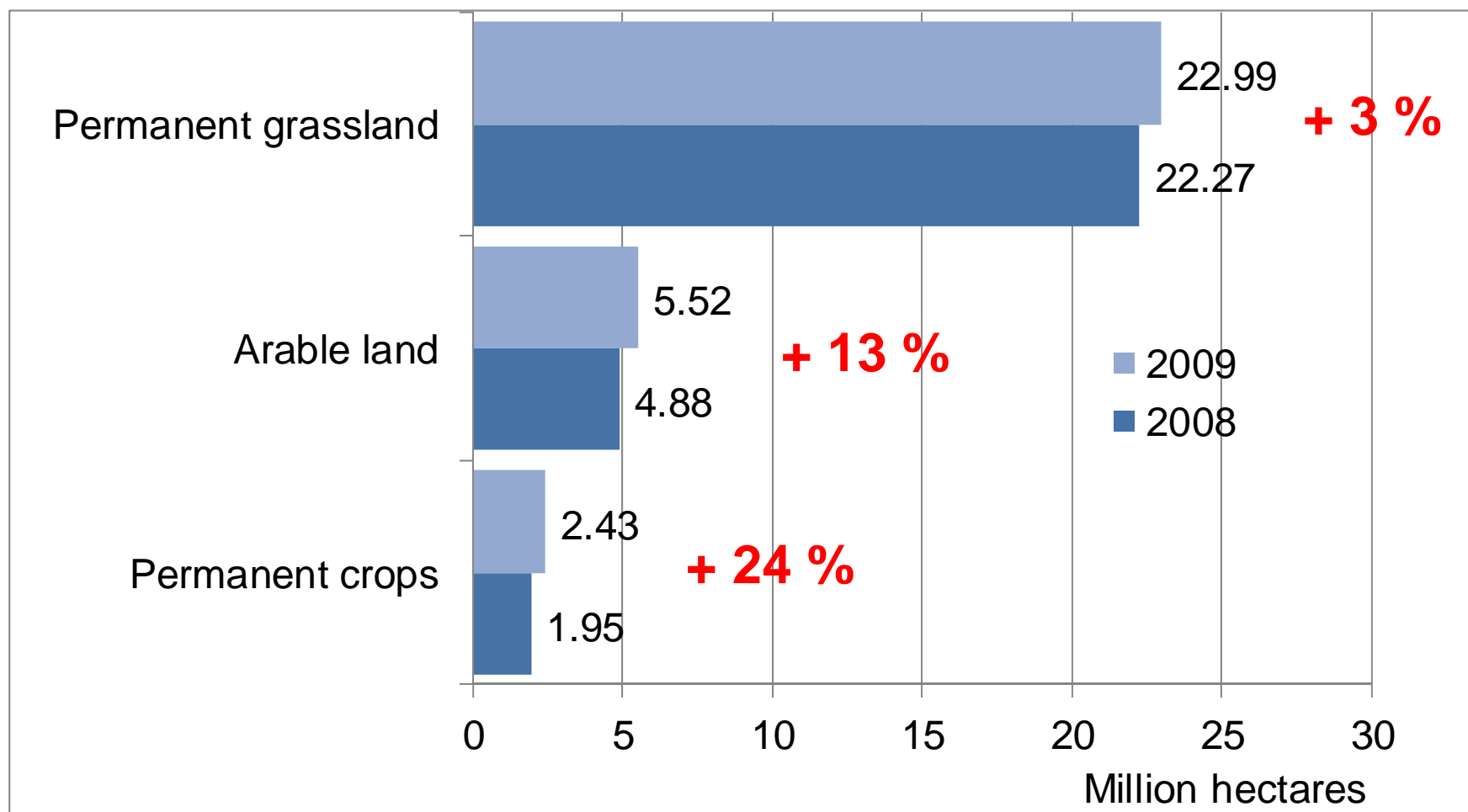


## The ten countries with the highest increase of organic agricultural land 2008-2009

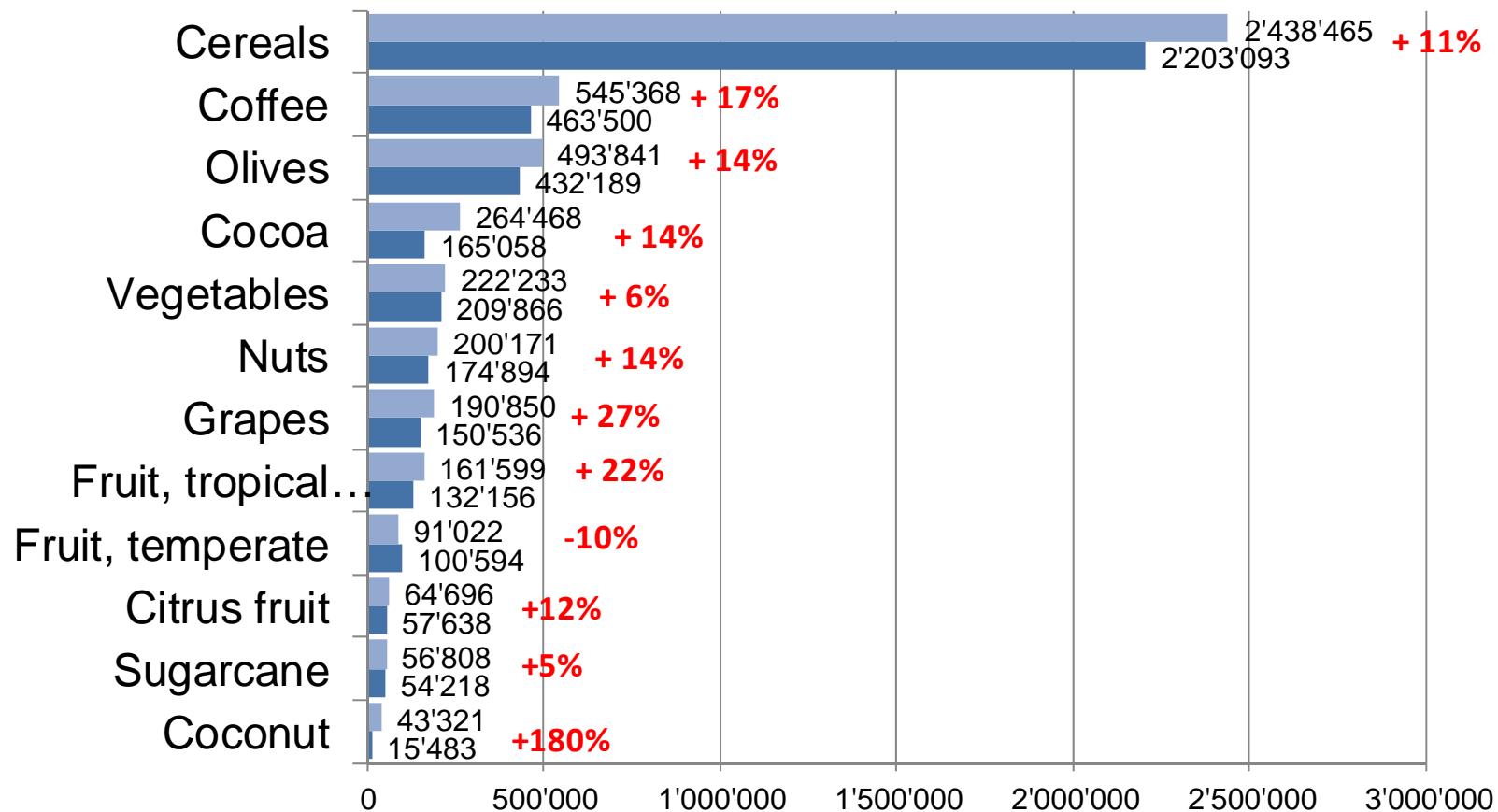


Source: FiBL/IFOAM Survey 2011, based on data from governments, the private organic sector and certifiers

# Key crop groups in organic agriculture: 2008 and 2009 compared



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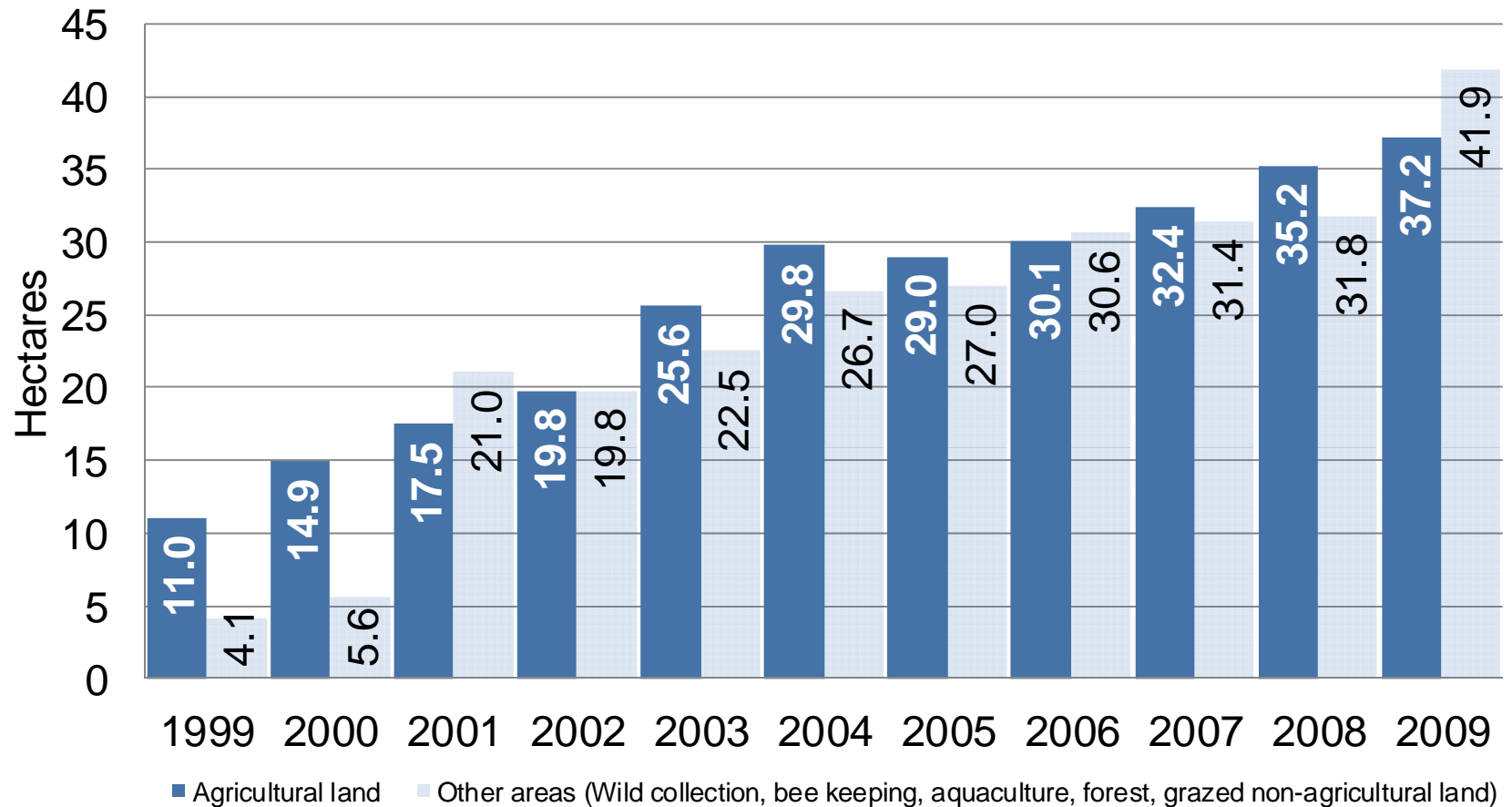
FiBL/IFOAM Survey 2011, based on data from governments, the private organic sector and certifiers

## Further organic areas

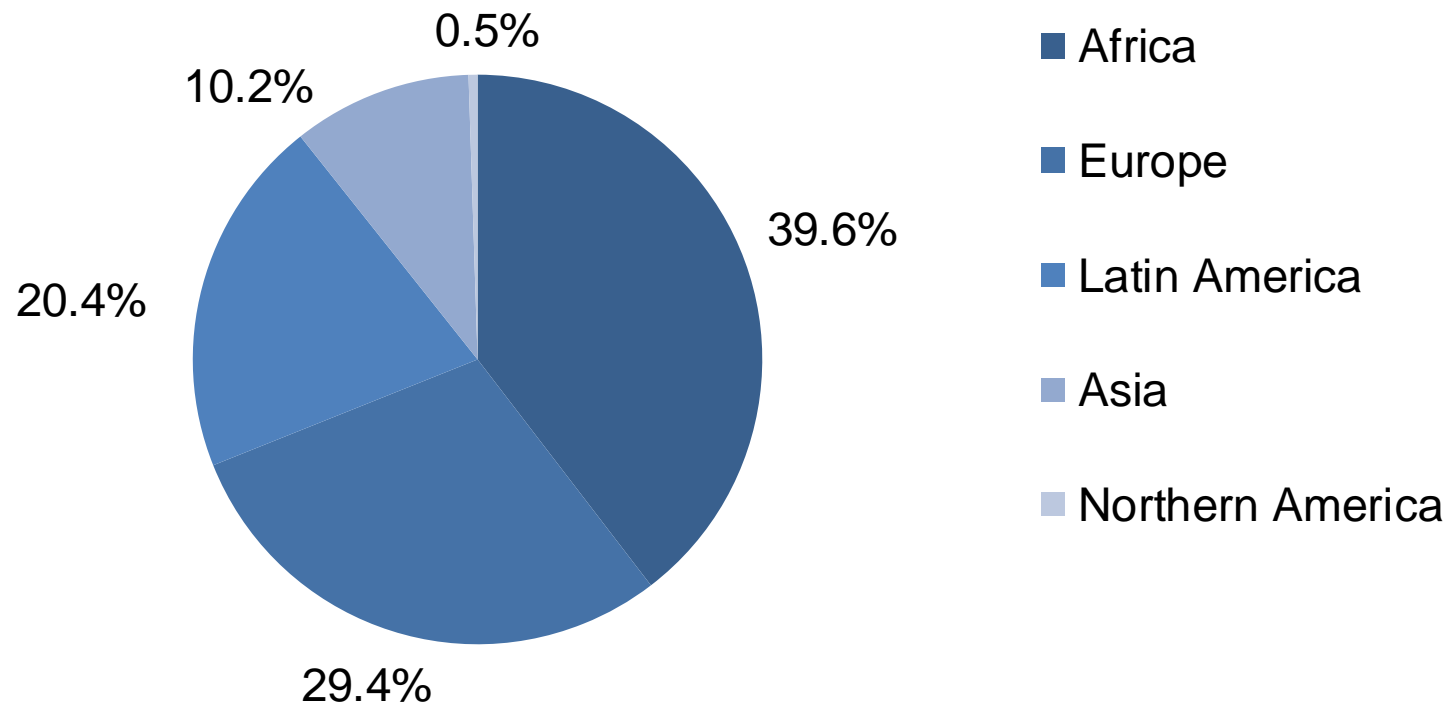
- › Apart from the organic agricultural land there are further organic areas, the largest part of these are wild collection areas and areas for beekeeping,
- › Further areas are aquaculture, forest and grazing areas on non-agricultural land.
- › It should be noted, that many countries do not report these 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.



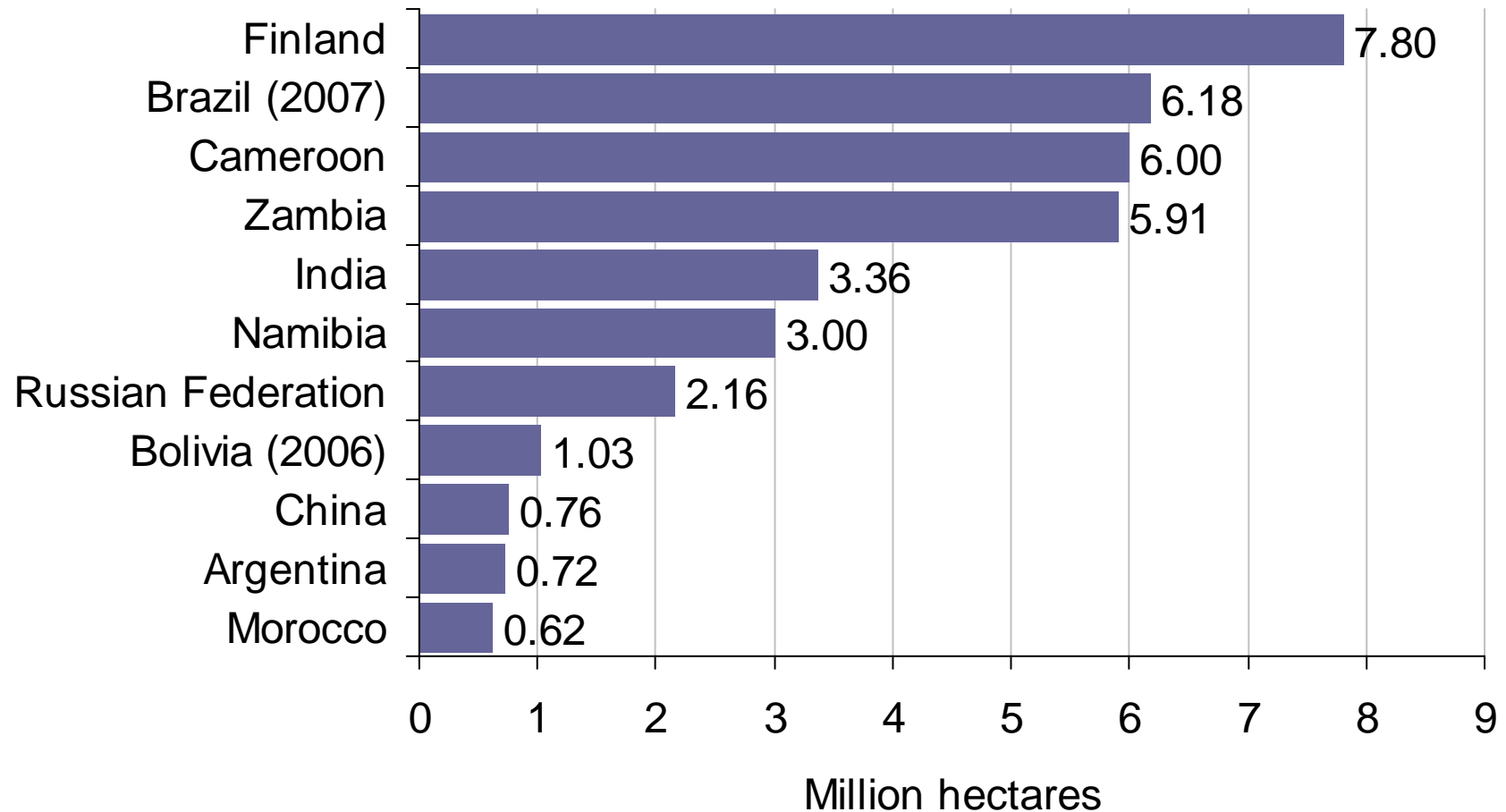
# Development of organic agricultural land and other organic areas 1999 to 2009



# Distribution of organic wild collection areas by region 2009



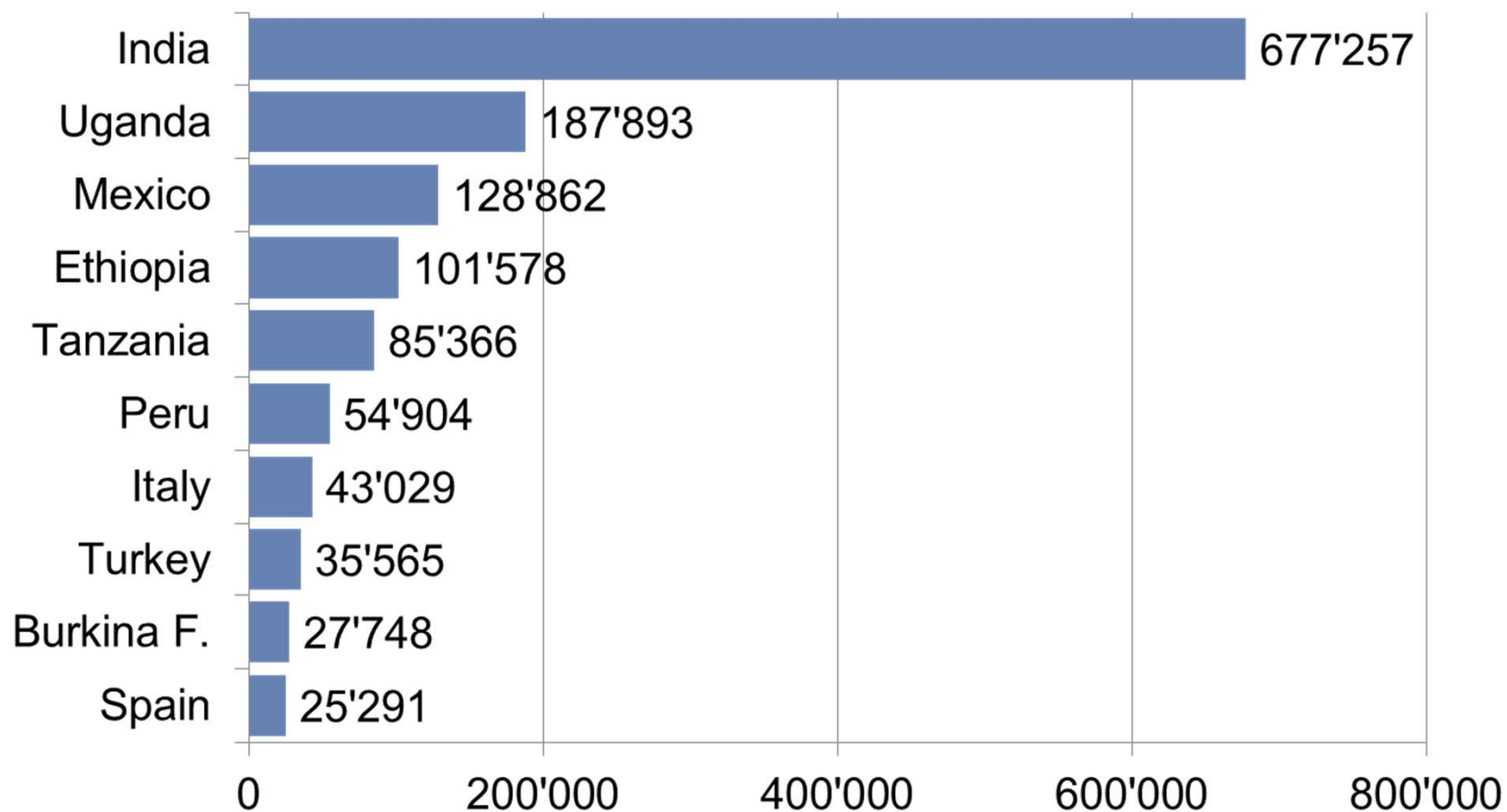
## Organic wild collection: The ten countries with the largest wild collection areas (including bee-keeping) 2009



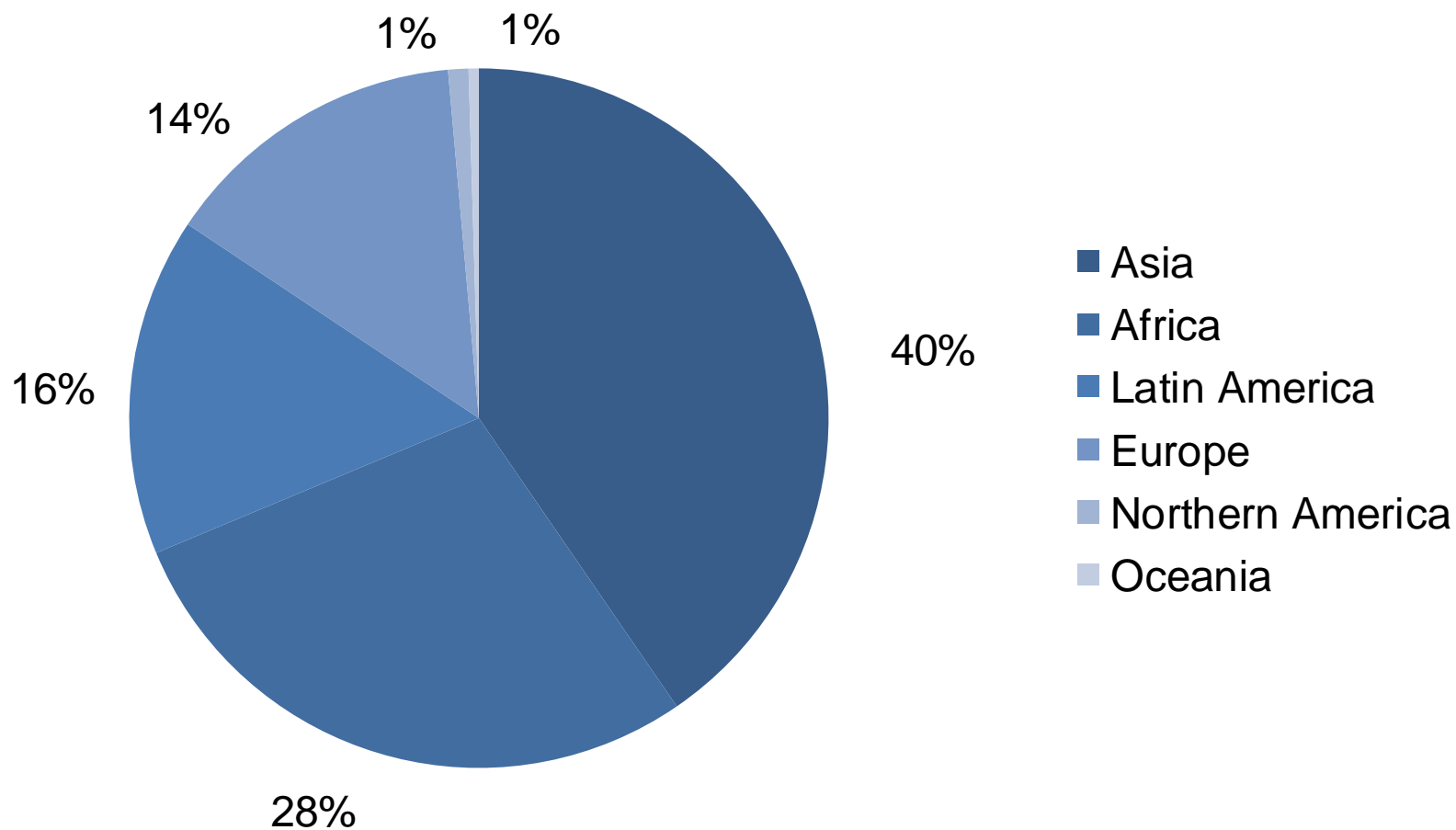
# Organic producers 2009

- › 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.

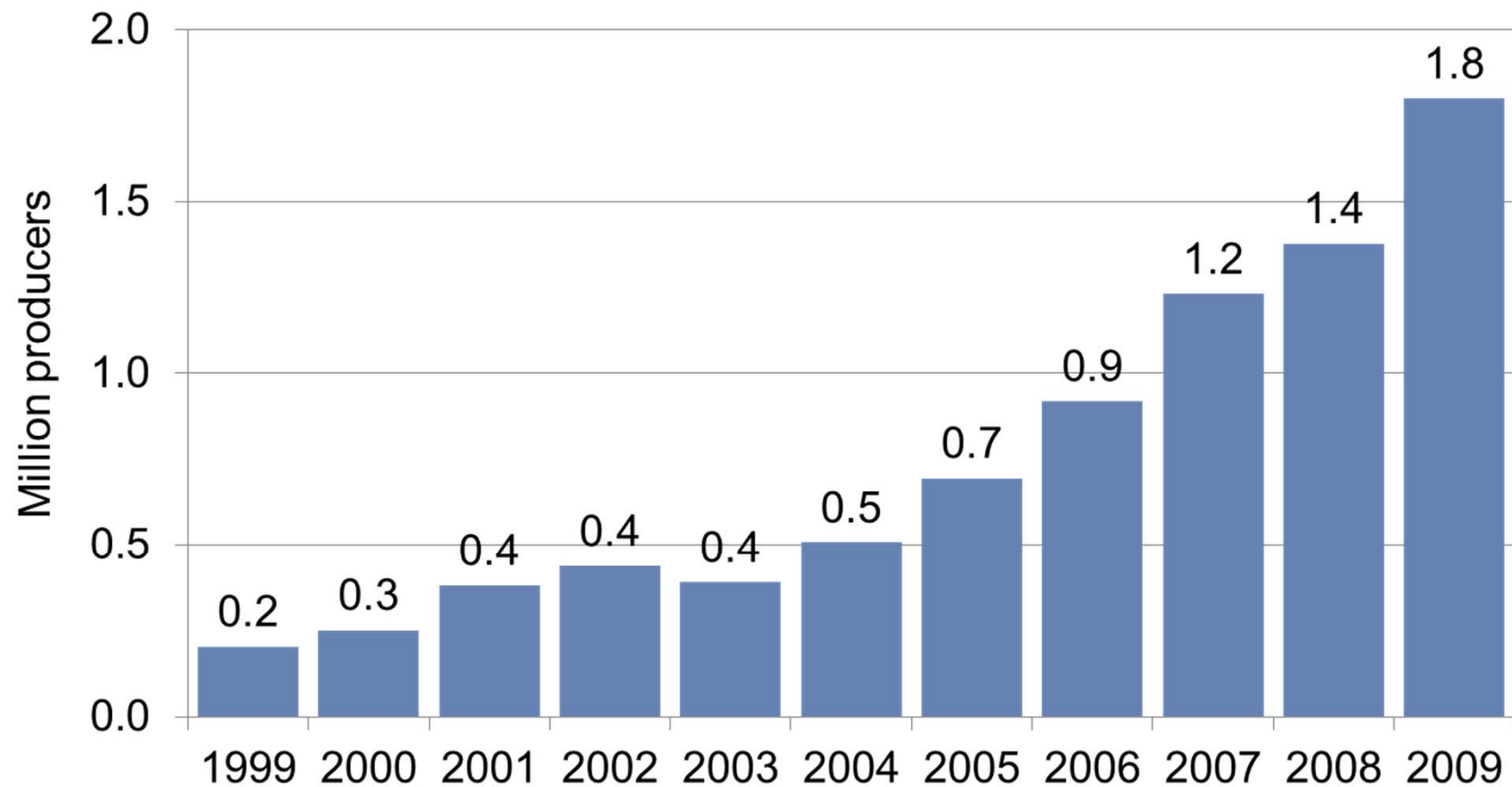
# The ten countries with the largest numbers of organic producers 2009



# Organic producers by geographical region 2009 (total: 1.8 million)



# World: Development of organic producers 1999-2009

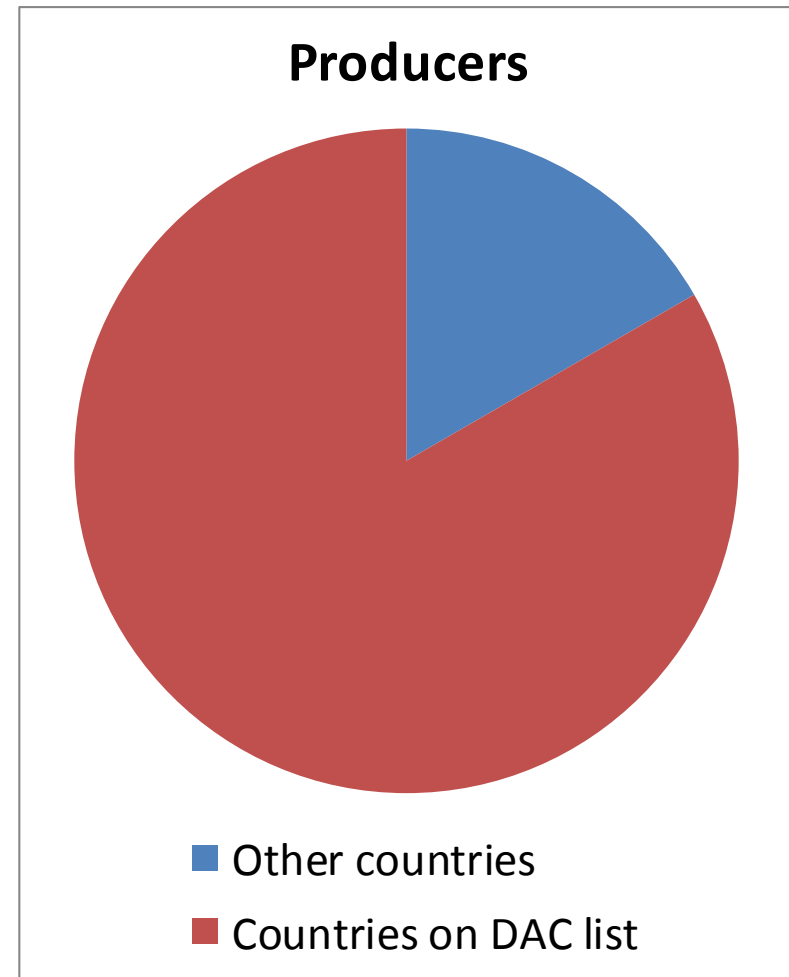
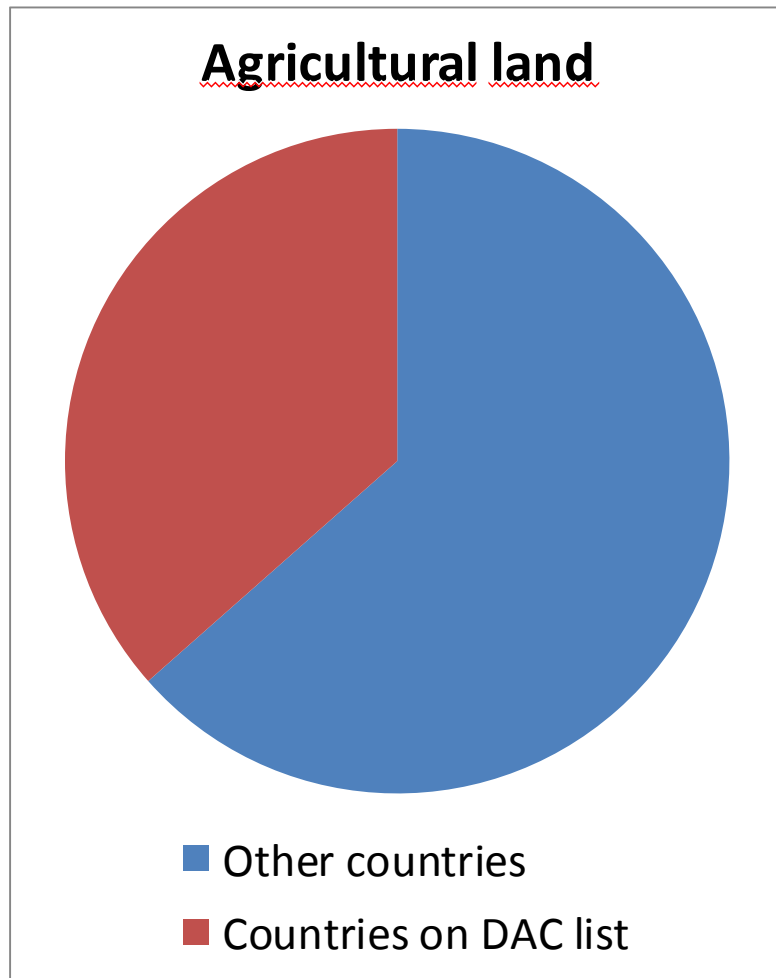


# Organic farming in developing & transition countries and emerging markets 2009

- › 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.
- › \*Countries listed in the List of Recipients of Official Development Assistance (ODA) of the Development Assistance Committee (DAC) of the Organization for Economic Cooperation and Development (OECD). The list is available at [www.oecd.org/dataoecd/23/34/37954893.pdf](http://www.oecd.org/dataoecd/23/34/37954893.pdf).



# Organic producers and agricultural land in the countries of the 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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