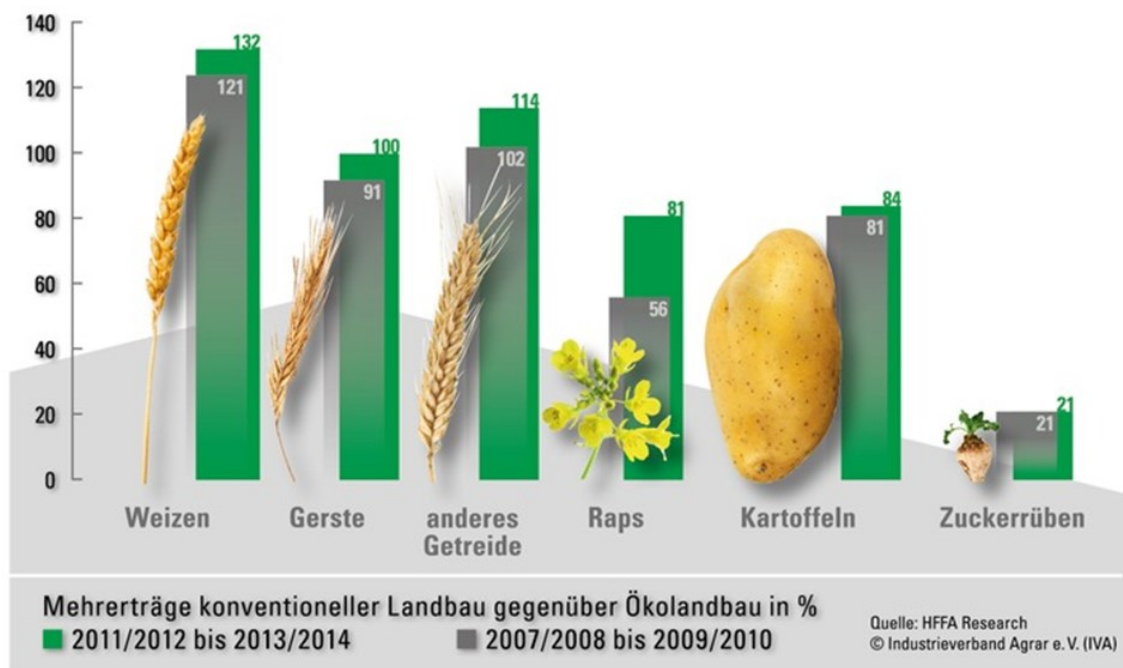


Income in organic farming continues to fall back

Modern agriculture is further expanding productivity advantage

Organic farms need more than twice the surface of same volume of harvest

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Yields in organic farming fall back again / Modern Agriculture increases yield gains again / organic farms need for the same yield amount more than double-sized areas compared the higher yields in conventional farming against organic farming.

The yield level of organic farming in Germany, on comparable areas, has fallen back in the years 2011/12 until 2013/14 to an average 43 %.

Graph: Industrie-Verband AGRAR E.V. (IVA),
more text over www.presseportal.de/Nr/16070, photo [download](#)

Yields In organic farming fall back again / modern agriculture productivity advantage continues/ organic farms need for same amount of yield more than twice the surface: means extra income of conventional farming vs. organic farming. The earnings level of organic farming in Germany is compared to the conventional cultivation on similar surfaces in the marketing years 2011/12 to 2013/14 on average has fallen back 43 percent.

Graphics: Industrie-Verband Agrikultur E. V. (IVA) another text about OTS and
www.Presseportal.De/Nr/16070 use [Photo Info download](#)

Frankfurt/Main (ots) -The income level of organic farming in Germany has declined further compared to conventional cultivation. While organic farmers in the three marketing years 2007/08 to 2009/10 on similar surfaces still on average scored 45 percent less of wheat yields of their conventionally working professional colleagues, the organic revenues in the years fell 2011/12 to 2013/14 on average 43 percent. Or in other words: conventional farms on same surface generated actually 132 percent more wheat - in the comparison period's 'only' 121 percent more.

A similar picture emerges when including all major crops.

This shows a current evaluation of comparative operating data by 'HFFA Research GmbH', a research and policy consulting company working for the Humboldt Forum for Food and Agriculture (HFFA) e. V., on behalf of the 'Association of Industrial Agricultural Research e. V., Industrie-Verband Agrikultur' (IVA). The basis of the data were provided by the so-called test operating network of the Federal Agriculture Ministry. Here are representative data collected and compared from farms of both forms in similar conditions (including size, location).

Among the barley conventional farms gained surplus in the same period from 91% to 100%; for other cereals from 102 to 114 per cent. The yield gap went particularly strong apart for Rape: while conventional farms during the marketing years 2007/08 to 2009/10 had 56 percent higher yields per area compared to organic farms, the surplus in the marketing years is 2011/12 to 2013 / 14 increased to 81 percent.

"The aspect of space efficiency remains often under-represented in the discussion about the Agriculture of the future. When a cultivation process takes only half the income, this procedure in reverse conclusion requires double the arable land to produce of the same amount of harvested material. It is therefore essential to shed light on the income dimension", commented the corresponding author and CEO of HFFA Research GmbH, Dr. Steffen Noleppa.

Scientific papers are updated with the new study of HFFA Research GmbH, commenced in 2011 by a group of researchers at the agricultural faculty of the Humboldt University of Berlin. Here, scientists found that modern agriculture produces not only welfare gains for consumers and farmers, but, relative to the amount of crop, is also climate-friendly and energy-efficient.

The new study, which shall be presented in the 'Green Week 2016' in Berlin, mainly involves a comparison of the effects of different farming systems on the regional and global biodiversity.

The Industrie-Verband Agrikultur e. V. (IVA) represents the interests of the agrochemical industry in Germany. The 49 Member-Companies include in their business biotechnology, plant protection, plant nutrition and pest control. The industry represented by the IVA stands for innovative products for modern and sustainable agriculture.

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