



Bayer CropScience Increase of productivity in Agriculture Dr. F. Zurmühlen

Frankfurt | 16.7.2014



114,928 employees

Full year sales: €40.2 billion

289 subsidiaries

R&D expenditures: €3.2 billion

As of December 31, 2013 / Employees: March 31, 2014



At Bayer CropScience, we serve agriculture



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Bayer CropScience

We offer innovative agricultural solutions in three business segments



Seeds

- Vegetable seeds
- Seeds for agricultural crops (e.g. cotton, canola, rice, wheat, soybean)
- Traits

Crop Protection*

- Insecticides
- Fungicides
- Herbicides
- SeedGrowth

Environmental Science

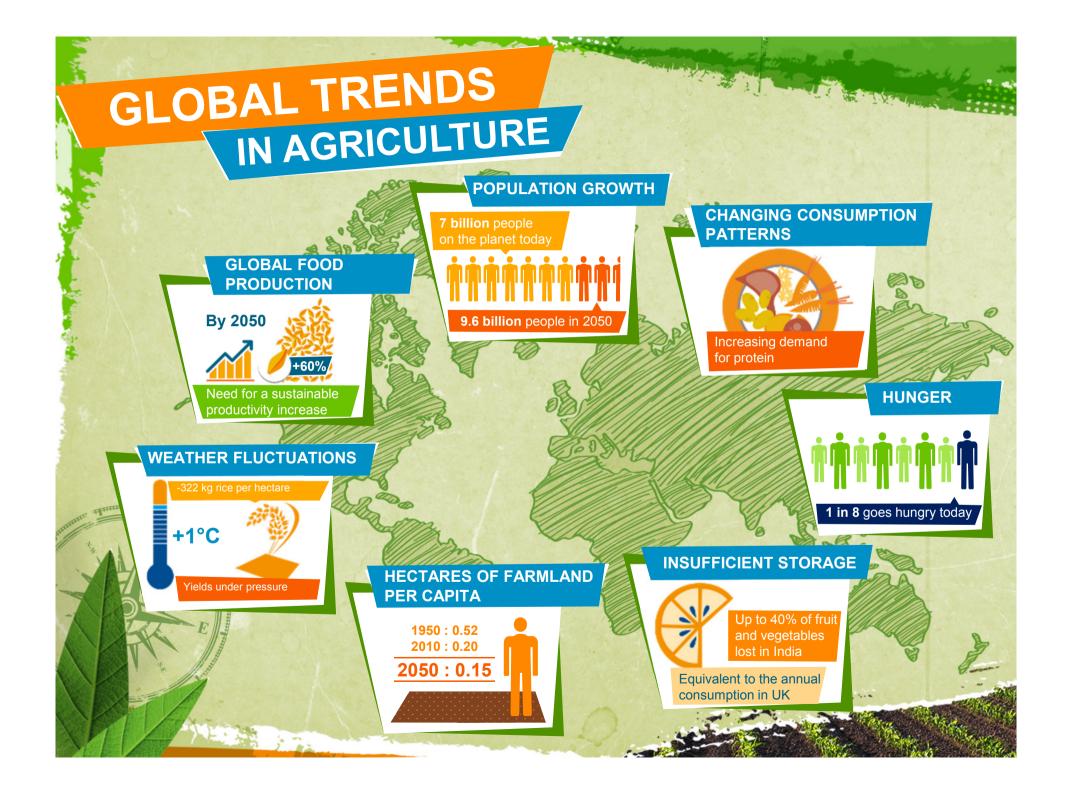
- Products for professional users (pest and vegetation management)
- Products for consumers (home and garden use)







*with both chemical and biological modes of action



Innovation in Crop Protection is vital to safeguard harvests and secure food supply...





Without crop protection, nearly half of the current harvest would be lost

Through innovations and adequate use of crop protection solutions, total yield could be almost doubled

Source: Oerke et al., Crop Production and Crop Protection, Elsevier, Amsterdam, 1994

Serving the interconnected needs of the food value chain





- Proactive approach to the meet increasing demand for sustainably produced food
- Connecting the partners across the value chain and facilitating mutually beneficial business relationships for all involved – creating win-win situations
- More than 240 business initiatives in about 30 countries and 40 crops worldwide –
 proven concept since 2007

Working together for sustainable agriculture: examples of Food Chain Partnerships



Teaming up with UNIVEG and partners

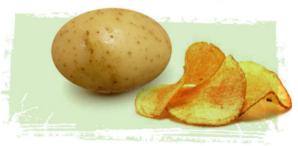
Creating a grower-to-grocer sustainability trail, increasing the export potential for table grapes, e.g. from India and Brazil



Global collaboration with PepsiCo

Focusing on sustainable production and traceability of high-quality crops for PepsiCo and its contract farmers





Cooperation with Walmart and partners

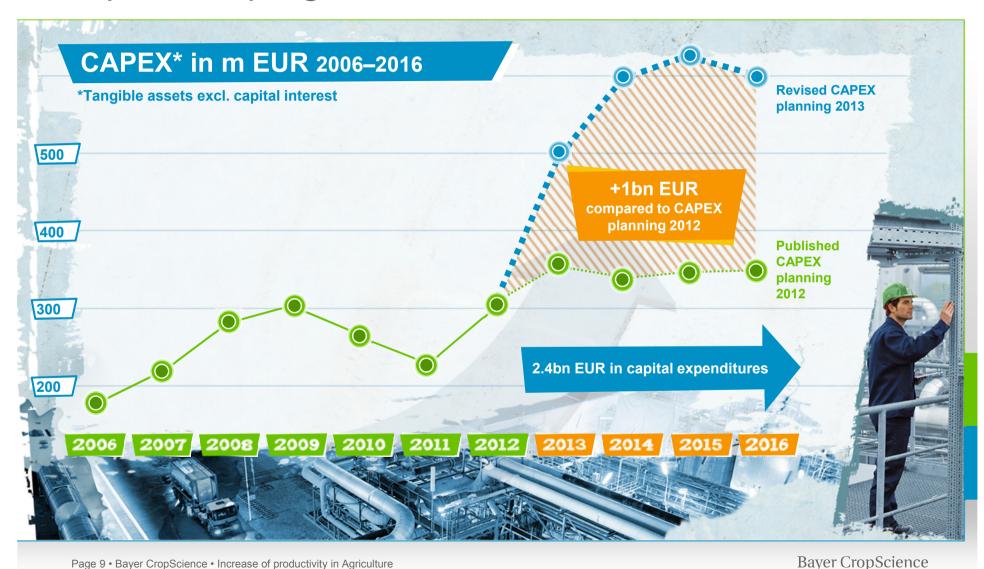
Working together to enhance quality and safety as well as trace-ability of vegetables in Chile





2.4 billion Euros earmarked for capacity expansion program from 2013 to 2016





Our plan to further expand supply capacities reflects strong demand for our products





