

Plant Breeding and Plant Research in Germany

BDP - German Plant Breeders' Association, Kaufmannstr. 71-73, 53115 Bonn, Germany, email: bdp@bdp-online.de

Key Data on Plant Breeding in Germany

- 130 plant breeding and seed trading companies
- 70 companies are original plant breeding companies
most of which are medium sized companies
- 1 Mrd. US \$ seed turnover in Germany
- 12.000 jobs in breeding and seed production
- 16,9 % R&D-rate
- 9.250 acres breeding nursery
- 179.400 square yards greenhouse space

Plant Breeding in Germany stands for

- better plants
- a higher profitability for agriculture and horticulture
- healthier food and feed
- a more attractive environment
- an environmental friendly economy

Plant Genome Research in Germany



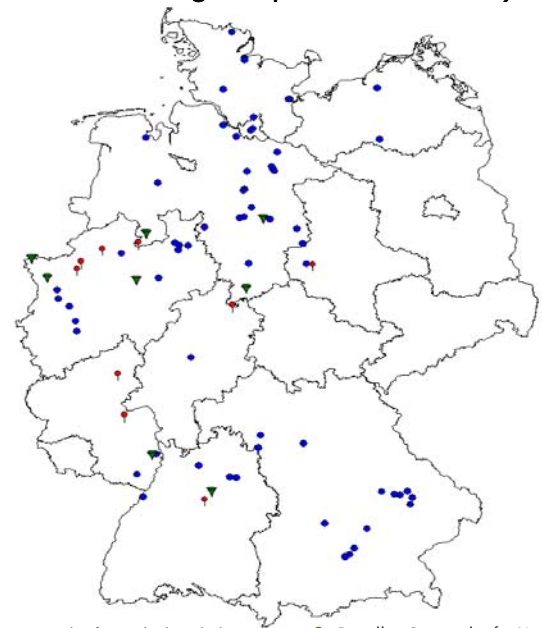
- GABI (Genome Analysis of the Plant Biological System) is organized as a public private partnership and supported by the Federal Ministry for Education and Research (BMBF) and private companies that are organized in the Industrial Platform GABI (WPG).
- 28 companies that have their business activities in the field of plant breeding, plant protection, manufacturing industry and biotechnology are involved with the WPG.
- 11 plant genomes are studied within GABI, e.g. barley, rapeseed, sugar beet, potato, rye, tomato, pine, oak, grapevine, maize and the model plant arabidopsis.
- Since 1998, 52 national joint projects and 17 international joint projects in collaboration with France, Spain and Canada have been supported.
- for more information see: www.gabi.de or www.wirtschaftverbund-gabi.de

German Federation for Private Plant Breeding Research



- has 50 plant breeding member companies
- evaluates the research topics for plant breeding
- develops research projects together with scientists and companies
- coordinates the application for research money at different federal ministries
- organizes technology transfer and the transfer of results into practical plant breeding
- convinces politics of the importance of plant breeding research

Plant Breeding Companies in Germany



- Breeding Companies for Agricultural Plants
- Breeding Companies for Vegetables
- Breeding Companies for Ornamental Plants

Diversity of Varieties in Germany

Agricultural varieties *01.01.2006	Registered varieties at the German Plant Variety Office
cereals	351
maize	235
grass, clover	713
legumes	82
other fodder plants	55
rapeseed, canola	110
other oil- and fiber plants	88
beets	216
potatos	198
vines	100
Sum	2.148
Horticultural varieties	
vegetables	538
ornamental plants (at the CPVO)	3.552

Global Challenges for Plant Research and Plant Breeding

