

Structure of the Julius Kühn Institute

- **Institute for Crop and Soil Science** (Braunschweig)
- **Institute for Plant Protection in Field Crops and Grassland** (Braunschweig)
- **Institute for Breeding Research on Agricultural Crops** (Quedlinburg/Groß Lüsewitz)
- **Institute for Plant Protection in Horticulture and Forests** (Braunschweig, Münster*)
- **Institute for Breeding Research on Horticultural and Fruit Crops** (Quedlinburg, Dresden-Pillnitz)
- **Institute for Plant Protection in Fruit Crops and Viticulture** (Dossenheim, Siebeldingen, Bernkastel-Kues*)
- **Institute for Grapevine Breeding** (Siebeldingen)
- **Institute for Epidemiology and Pathogen Diagnostics** (Braunschweig, Quedlinburg*, Münster*)
- **Institute for Resistance Research and Stress Tolerance** (Quedlinburg/Groß Lüsewitz)
- **Institute for Biosafety of Genetically Modified Plants** (Quedlinburg, Braunschweig*)
- **Institute for Ecological Chemistry, Plant Analysis and Stored Product Protection** (Berlin*, Quedlinburg*, Kleinmachnow)
- **Institute for Biological Control** (Darmstadt*, Dossenheim)
- **Institute for Strategies and Technology Assessment in Plant Protection** (Kleinmachnow)
- **Institute for Application Techniques in Plant Protection** (Braunschweig)
- **Institute for National and International Plant Health** (Braunschweig)

Central services:

- **Field and greenhouse units** (Braunschweig, Kleinmachnow, Berlin*)
- **Data Processing Group** (Braunschweig, Quedlinburg, Kleinmachnow)
- **Information Centre and Library** (Quedlinburg, Braunschweig, Berlin*, Kleinmachnow)

(* location of institutes or service facilities that are scheduled to close)

Facts and Figures

Total staff: 1100
President: Dr. Georg F. Backhaus
Vice-president: Dr. Gerhard Gündermann
Head of administration: Klaus Kasprzyk

The JKI is structured into 15 specialized institutes and several service units. The head office is located in Quedlinburg. Apart from the institutes working in Quedlinburg the new organizational structure provides for research facilities in Braunschweig, Kleinmachnow, Siebeldingen, Dossenheim and Dresden-Pillnitz and an experimental station at Groß Lüsewitz. The research facilities in Berlin, Bernkastel-Kues, Darmstadt and Münster are scheduled for closure over the next 10 years.

Main addresses of JKI

Erwin-Baur-Str. 27 06484 Quedlinburg, Germany Tel.: +49(0)3946 470	Messeweg 11/12 38104 Braunschweig, Germany Tel.: +49(0)531 299-5
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The addresses of all facilities are available on our website at www.jki.bund.de.

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Imprint

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Federal Ministry
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Consumer Protection

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As at May 2008

Pooled Expertise Focused on the Plant



Who we are

Pooled expertise focused on the plant – this interdisciplinary approach defines the Julius Kühn Institute (JKI).

The Julius Kühn Institute is both a research institution and a higher federal authority affiliated with the Federal Ministry of Food, Agriculture and Consumer Protection. Although newly constituted on January 1, 2008, the Institute can look back in part on a scientific tradition of more than a hundred years in the fields of plant protection and breeding research. The new consolidated research organization has emerged from three renowned research centres: the Federal Biological Research Centre for Agriculture and Forestry (BBA), the Federal Centre for Breeding Research on Cultivated Plants (BAZ) and two institutes of the Federal Agricultural Research Centre (FAL). Its diverse tasks have been designated by federal law, most notably the plant protection act.

What we do

The new name – Federal Research Centre for Cultivated Plants – encompasses the new programme: plant genetics, agronomy, plant nutrition, soil science, plant protection and plant health are the key words to characterize the major fields of research.

Research at the Julius Kühn Institute is dedicated to plant health and to maintaining and improving high performance in cultivated plants. For example, specially targeted breeding research is fundamental for enhancing the genetically conditioned resistance of cultivated plants against pathogens and pests. Our scientists also develop concepts of sustainable plant protection that are designed for integrated plant cultivation systems and for organic farming in particular. A present focus is directed at minimizing consumers' health hazards caused by fungal toxins (mycotoxins). Also high on the agenda are efforts to achieve a better adaptation of plants and cropping systems to climate change. The individual JKI institutes encompass in their research a wide range of crops, from agricultural and

horticultural crops, fruit crops and grapevines, forest plants, all the way to urban greenery.

The Julius Kühn Institute participates in the determination of national and international standards and regulations, for example, measures to prevent the entrance of harmful quarantine pests or standards for plant protection equipment. The efficacy of plant protection products is evaluated and their potentially harmful impacts on sustainable cultivation systems are examined. In the case of genetically modified crops, biological and ecological risks are assessed. Other research emphases are the diagnosis of pathogens (viruses, bacteria, fungi, nematodes and insects), the protection of stored crops as well as topics relating to soil sciences and fertilization. The Institute responds to ever changing research requirements and adapts its research programme accordingly. Only in this way can the JKI mobilize its resources and expertise to meet highest standards in agricultural research and provide topical policy advice.

