



# JKI

**Julius Kühn-Institut**

Bundesforschungsinstitut für Kulturpflanzen  
Federal Research Centre for Cultivated Plants

## JKI at a glance

**47<sup>th</sup> Meeting of the Working Party  
on Plant Protection Products**

European and Mediterranean Plant Protection Organization  
Organisation Européenne et Méditerranéenne pour la Protection des Plantes

# Julius Kühn Institute, Federal Research Centre for Cultivated Plants



**Governmental Research Institution** and  
**Independent Higher Federal Authority**

directly subordinated to the

**German Federal Ministry of Food and Agriculture**

**Established: 1 January 2008**

**Founded: 1898**

as **Imperial Biological Research Centre for Agriculture and Forestry  
in Berlin**



Berlin



Quedlinburg  
UNESCO world  
cultural heritage



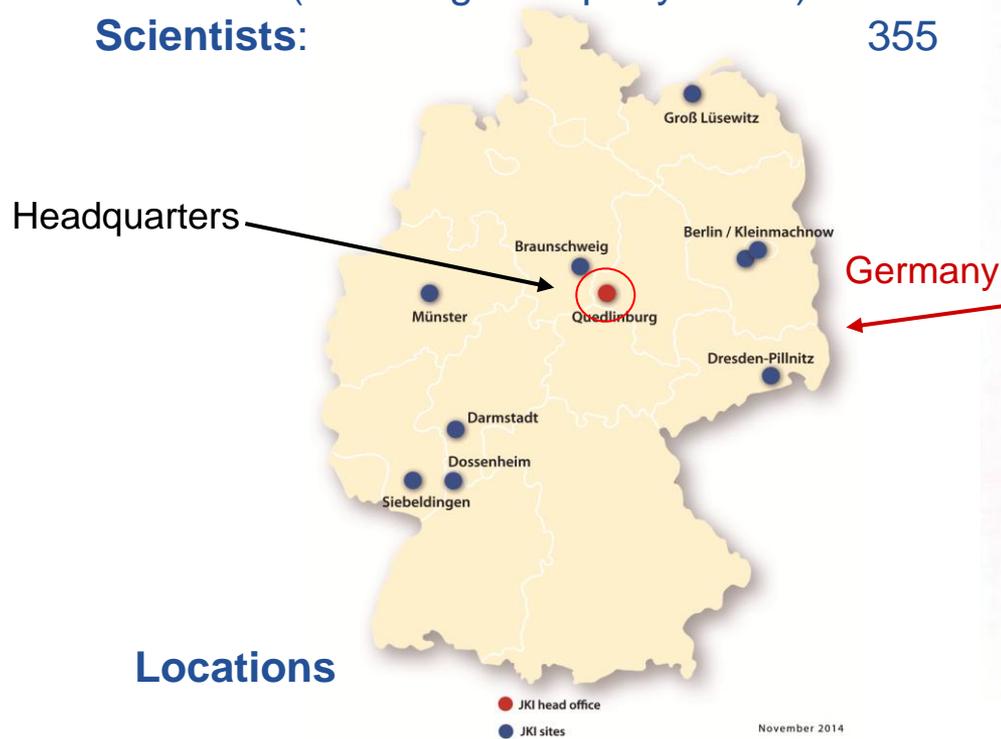
JKI headquarters

Quedlinburg

# Julius Kühn Institute Federal Research Centre for Cultivated Plants



- ➔ Established: **1<sup>st</sup> January 2008**
- ➔ Headquarters: **Quedlinburg**
- ➔ 17 research institutes, 10 locations
- ➔ Staff (2017):
  - Permanent positions (federal budget): 768
  - Total staff (including third-party funds): 1172
  - Scientists: 355



# Tasks

JKI performs tasks assigned by law:

- **Plant Protection Act**
- **Genetic Engineering Act**
- **Chemicals Act**

and corresponding legal regulations

## Major fields of competence:

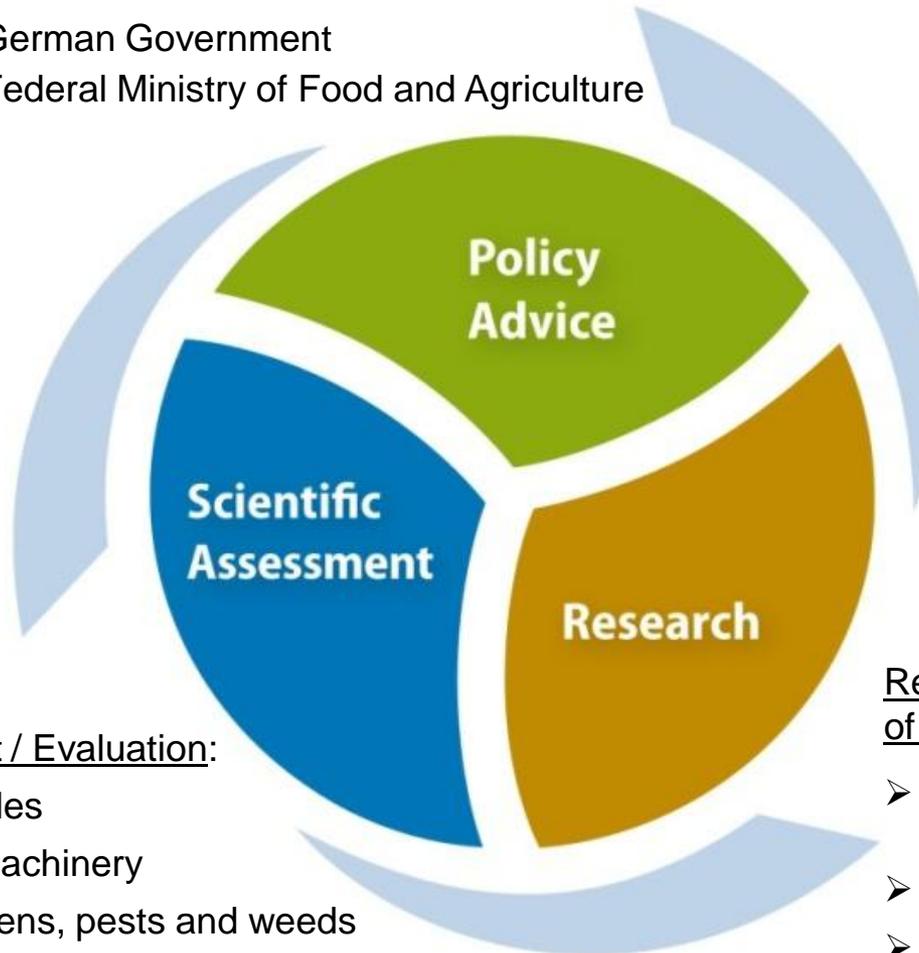
- Plant genetics, breeding research and breeding
- Sustainable plant cultivation
- Plant nutrition, soil science
- Plant pathology, **plant protection** and plant health



# Responsibilities

## Policy Advice:

- German Government
- Federal Ministry of Food and Agriculture



## Scientific Assessment / Evaluation:

- **Pesticides**, biocides
- Plant protection machinery
- Regulated pathogens, pests and weeds
- Genetically modified plants
- Fertilizers

## Research in the major fields of competence:

- Plant genetics, breeding research, breeding
- Sustainable plant cultivation
- Plant nutrition, soil science
- Plant pathology, **plant protection**, plant health

# Scientific assessment

in the framework of

- the authorization of plant protection products
- the approval procedure of active substances



## Risk Management

Federal Office of Consumer Protection and Food Safety (BVL)



Authorization

Federal Environment Agency (UBA)

Julius Kühn-Institut (JKI)

- Efficacy
- Honey bee

Federal Institute for risk assessment (BfR)

## Risk Assessment

# Who was Julius Kühn?

- Julius Kühn lived from 1825 till 1910.
- He established and developed the agrarian sciences as part of university education in Germany in the 19th century.
- He is one of the most prominent founders of modern phytomedicine.
- In 1863 he was given the permission to establish the first independent research institute in agricultural sciences in Germany at the University of Halle.
- Under his leadership during the next 40 years, this institution evolved into the most eminent educational and research institution of agrarian sciences in Germany at that time.
- He published about 300 articles mainly about plant protection.

