



Research Institute of Organic Agriculture FiBL
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The Research Institute of Organic Agriculture FiBL & support of organic citrus production against HLB

Hansjakob Schaerer

Frick - International webinar on citrus greening (HLB) February 28, 2024

**Over 45 years of research
and consulting at the
highest level**

FiBL is one of the world's leading
research institutions for organic &
sustainable agriculture and a
driving force for innovation.

FiBL **50** JAHRE
ANS
YEARS

together one step ahead



Research at the international forefront

At FiBL, respected researchers collaborate with research teams around the world.

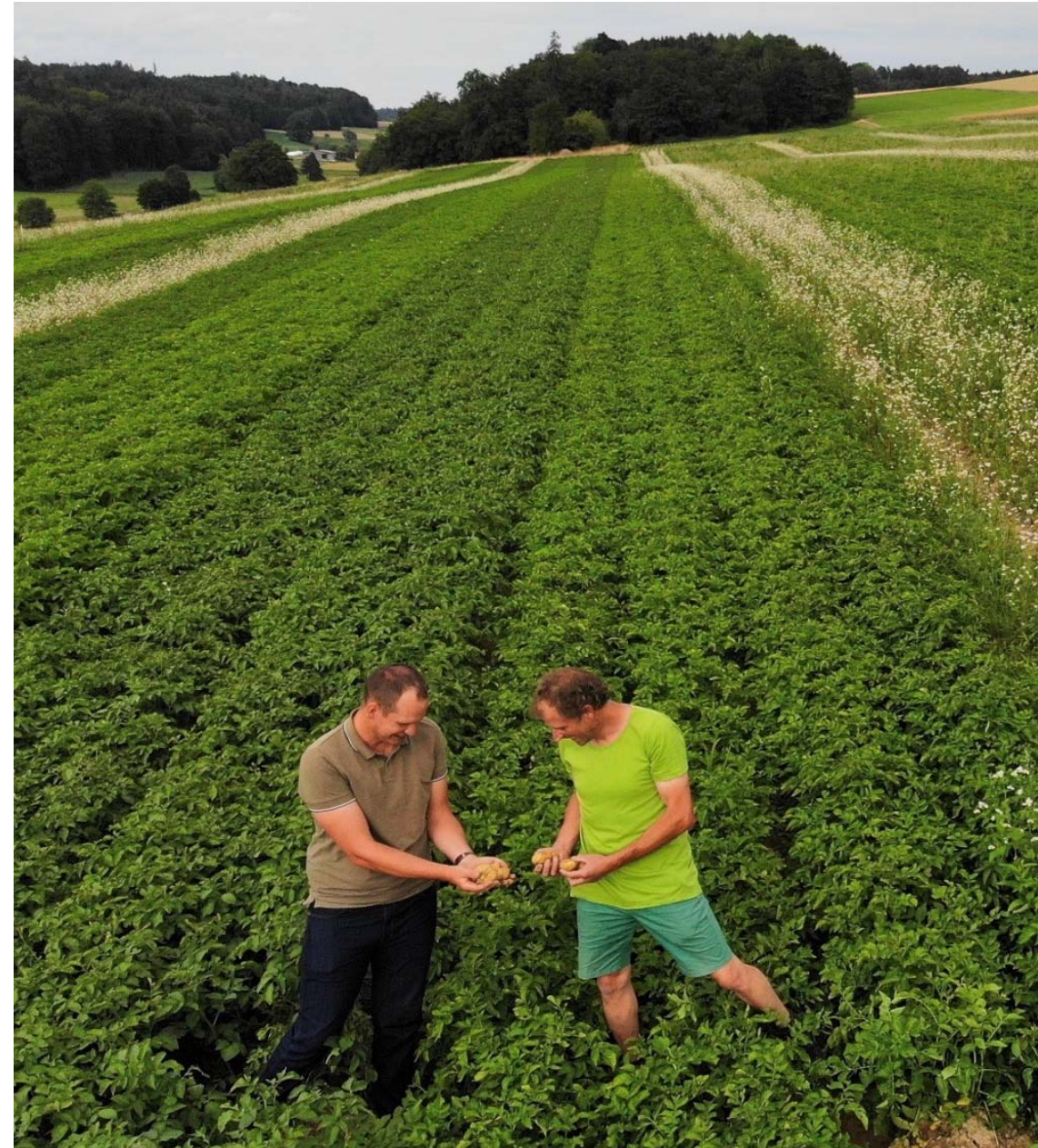
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FiBL research: from the basics to practical application

FiBL conducts research in close cooperation with practitioners and systematically addresses their problems in order to jointly develop new solutions.

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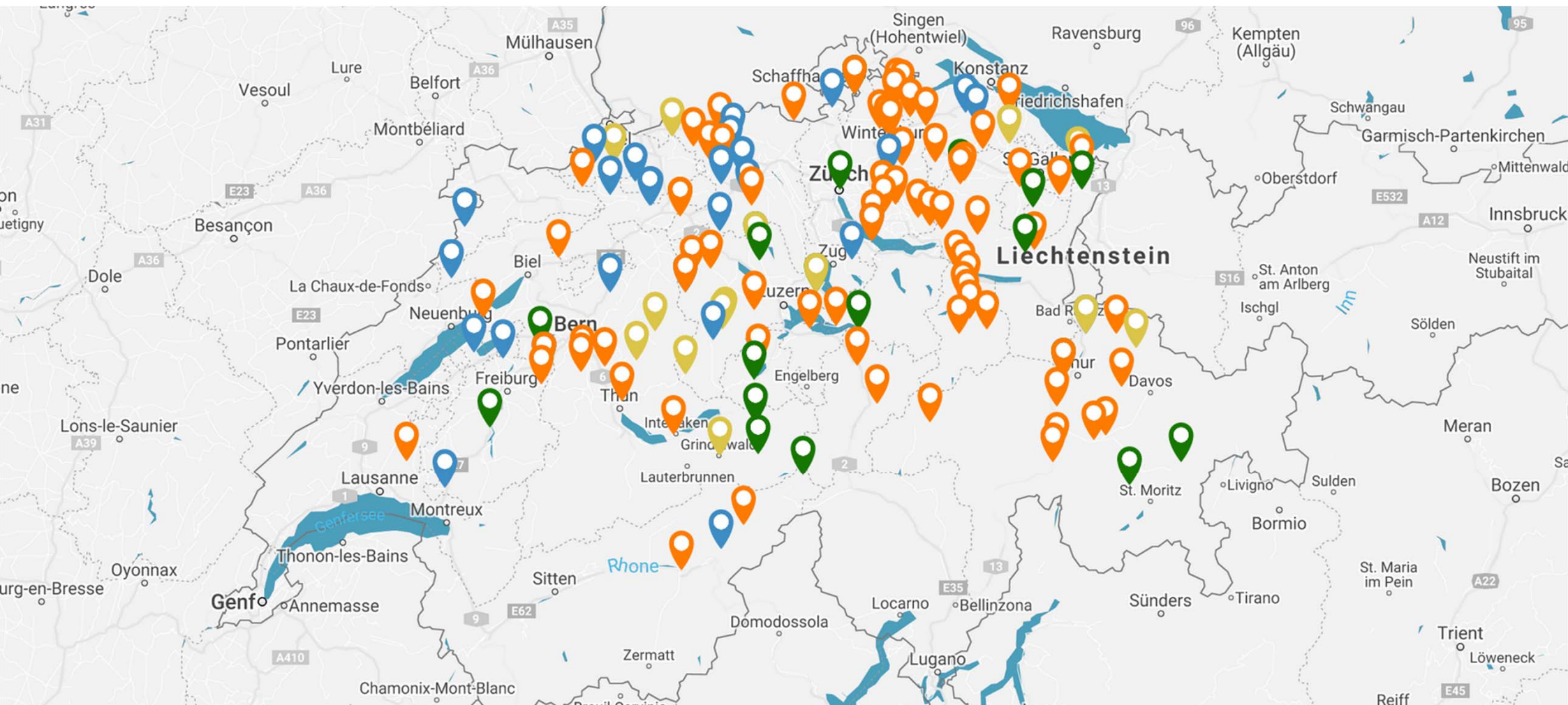
FiBL Switzerland with sites in Frick & Lausanne

- Founded in 1973
- 290 employees
- Research, consulting, continuing education and development cooperation
- Research in modern infrastructure at the Frick site and on over 150 Swiss organic farms

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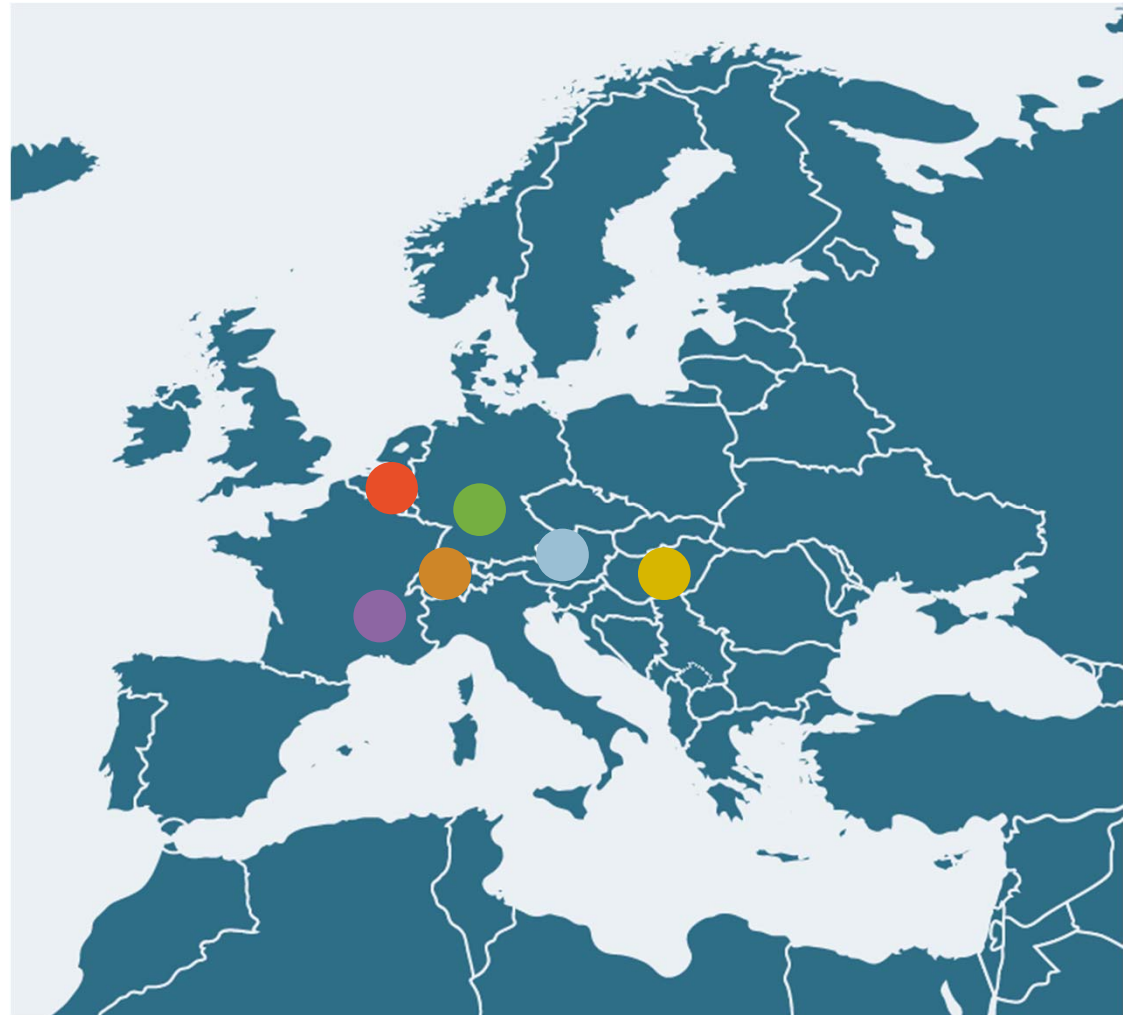
FiBL's on-farm farm network at over 150 locations in Switzerland



FiBL group

- **FiBL Switzerland**
Founded 1973
290 employees
- **FiBL Germany**
Founded 2000
65 employees
- **FiBL Austria**
Founded 2004
36 employees
- **ÖMKI Hungary**
Founded 2011
22 employees
- **FiBL France**
Founded 2016
7 employees
- **FiBL Europe**
Founded 2017
7 employees

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Department of International Cooperation

Main areas of work

- Resilient farming systems
- Value chains & markets
- Policy and sector development





Citrus greening disease

Reserach and extension work

Since 2011: FiBL Citrus Greening Research programm

Working in close collaboration with local partners, companies and producers

On-farm, in-field research

Supporting fair and durable value chains



Department of Extension, Training and Communication:
Knowledge dissemination activities

FiBL provides its own short films, videos, apps, factsheets and technical guides for a wide audience ranging from organic enthusiasts to experts.

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Citrus greening (HLB): Experiences and lessons learned in prevention and control of the disease and its vector in organic citrus production

International webinar on citrus greening (HLB) February 28, 2024

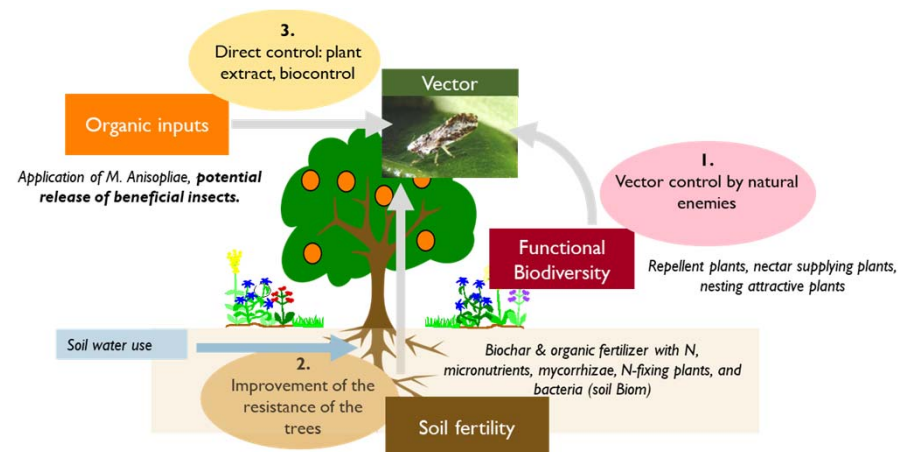
This project is supported by the
Coop Sustainability Fund.



Mitigating impact of HLB on citrus production

Integrated approach:

- Preparedness and prevention
- Ecological biodiversity management in citrus groves
- Targeted direct biocontrol interventions for vector control
- Functional nutrition for the citrus trees
- Breeding for the future



- Fireblight experience in Switzerland
- Bacterium *Xylella fastidiosa* on Olives in Apulien

► Increasing the resistance of trees against citrus greening

FiBL's integral organic concept to fight HLB

