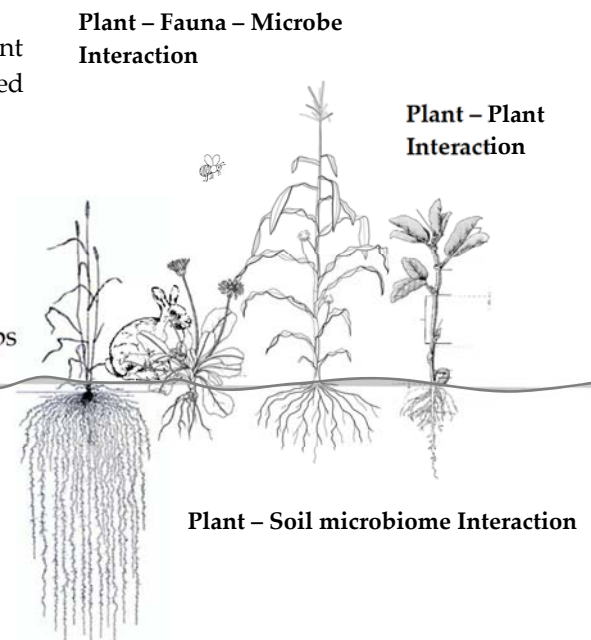


The concept of organic breeding is based on strengthening the resilience of the system. The focus of the Research Institute of Organic Agriculture (FiBL) Switzerland is therefore not only on the improvement of individual genes, but rather on breeding varieties in and for complex organic systems. To this end, FiBL uses concepts such as biodiversity, participatory and system breeding as well as progressive strategies in the area of appreciation and value creation. FiBL implements these strategies through the following research priorities:

- Scientific, methodical and organisational support for organic breeders & information on breeding and organic seeds
- Breeding research of traits that are especially important in organic farming (seed- and soil-borne diseases, weed suppression, nutrient efficiency)
- Basic research in the field of breeding for mixed cropping systems (pea-barley)
- Basic research in the field of plant-soil microbe interaction (pea - soil fatigue)
- Prebreeding of new neglected crops (white lupine)
- Cultivar testing under organic conditions (arable crops vegetables, fruit)
- Support for market introduction (socio-economic analyses)
- GMO-free breeding (participatory cotton breeding in India)
- Promotion of seed sovereignty



FiBL strengthens competencies for organic breeding in Europe and is very actively involved in the organisation of expert groups for the promotion of organic breeding (Bioverita, European Consortium for Organic plant breeding (ECO-PB), Ifoam Seed Platform). Furthermore, FiBL participates in several European research consortia on the subject of breeding (LIVESEED, DIVERSIFOOD, BRESOV, ReMIX, INVITE) and participatory cotton breeding (Seeding the Green Future).

Links to projects

<http://www.fibl.org/en/themes/plant-breeding.html>

www.liveseed.eu

www.greencotton.org

www.sgf-cotton.org

www.diversifood.eu

<https://www.remix-intercrops.eu/>

www.eco-pb.org

www.bioverita.org

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