UNIVERSITY OF HOHENHEIM

FACULTY OF AGRICULTURE

STATUS QUO 2023

Organic Farming Research

Current Projects

www.uni-hohenheim.de/en

Contents

Page

Faculty of Agriculture

Center for Organic Farming (309)

Contact:
Dr. Sabine Zikeli, sabine.zikeli@uni-hohenheim.de

- **Innovation Group APV-RESOLA: Agrophotovoltaics: A contribution to resource-efficient land use (subproject)**
  Duration: 2015 - 2021 (Federal Ministry of Education and Research)

- **Dual-purpose chicken breed Baden-Württemberg – Poultry breeding in a citizen science approach (subproject)**
  Duration: 2018 - 2019 (Ministry of Rural and Consumer Protection of Baden-Württemberg)

- **Effect of reduced tillage on carbon sequestration in organic farming**
  Duration: 2018 - 2020

- **RUN – Rural Urban Nurtrient Partnership – Nutrient communities for sustainable agriculture (subproject)**
  Duration: 2019 - 2022 (Federal Ministry of Education and Research – Agricultural Systems of Future)

- **Superfoods for organic cropping systems – hemp, poppy, millet**
  Duration: 2019 - 2022 (Donation)

- **Influence of agroforestry plantations on soil properties in organic agriculture**
  Duration: since 2020

- **Corn-bean intercropping**
  Duration: 2020 - 2021 (in cooperation with Genbänkle e.V.)

- **EATMORE – Comprehensive description, evaluation and improvement of the food quality of organic carrots and their derived products, and further development of research methods**
  Duration: 2020 - 2024 (Federal Program for Organic Agriculture and other forms of Sustainable Agriculture)

- **Status quo and potentials of organic cultivation of medicinal, cosmetic and spice plants in Baden-Württemberg (subproject)**
  Duration: 2021 (Ministry of Rural Areas and Consumer Protection Baden-Württemberg)

- **The meadow lives**
  Duration: 2021

- **Alblavendel – Preliminary trials for lavender as a new agricultural crop considering energy use and residue utilization into textile fibers**
  Duration: 2021 - 2022 (Ministry for Rural Areas and Consumer Protection Baden-Württemberg)

- **Screening of different chick pea genotypes for organic farming**
  Duration: 2021 - 2023 (in cooperation with the Agricultural Technology Center Augustenberg, Center for Agricultural Landscape Research, Bavarian State Institute for Agriculture and other partners in Germany, Austria and Switzerland)

- **GesundeZiegen – Breeding for health and robustness in dairy goats**
  Duration: 2021 - 2024 (Federal Ministry of Food and Agriculture)

- **Screening of different genotypes of dry beans for organic farming**
  Duration: 2022 - 2024 (in cooperation with the Agricultural Technology Center Augustenberg, Center for Agricultural Landscape Research, Bavarian State Institute for Agriculture and other partners in Germany, Austria and Switzerland)

- **ZweiWert – Establishment of value chains for regional dual-purpose chickens in Baden- Württemberg**
  Duration: 2022 - 2024 (European Innovation Partnership, funded by the EU / Ministry for Rural Areas and Consumer Protection Baden-Württemberg (EIP-AGRI))

- **CiLaKlima –Screening of genetic resources of chickpea (*Cicer arietinum*) and grass pea (*Lathyrus sativus*): Adaptation to climate change in Germany with alternative legumes for human nutrition**
  Duration: 2022 - 2025 (Federal Ministry of Food and Agriculture)

- **SENSE – Synergies in integrated systems: Improving resource use efficiency while mitigating GHG emissions through well-informed decisions about circularity**
  Duration: 2022 - 2025 (ERA-NET / Federal Ministry of Food and Agriculture)

Lentil Projects

- **TRUE – TRansition paths to sUstainable legume based systems in Europe (subproject)**
  Duration: 2017 - 2021 (EU Horizon 2020)

- **EIP-RhizoLinse: Rhizo-bacteria-supported optimization of lentil cultivation with consideration of bioeconomic added value**
  Duration: 2018 - 2021 (European Innovation Partnership, funded by the EU / Ministry of Rural and Consumer Protection of Baden-Württemberg)

- **LinSel – Selection of lentil *(Lens culinaris)* varieties for sustainable cropping systems (project coordination)**
  Duration: 2019 - 2022 (Federal Ministry of Food and Agriculture)

- **Mixed cultivation of lupins and lentils for organic farming**
  Duration: 2021 - 2023

- **Terroir for Baden-Württemberg: Organically produced lentils from Baden-Württemberg**
  Duration: 2023 - 2024 (Ministry of Food, Rural Areas and Consumer Protection Baden-Württemberg)

Projects on Fertilization in Organic Farming

- **EIP-BRAVÖ: Improvement of soil fertility and sustainability on stockless organic farms by on-farm innovations (subproject)**
  Duration: 2017 - 2021 (European Innovation Partnership, funded by the EU / Ministry of Rural and Consumer Protection of Baden-Württemberg (MLR))

- **DOMINO – Increasing biodiversity, resilience and sustainability of intensive organic fruit growing systems through the integration of undergrowth, mulching and the use of recycled fertilizers and soil additives (subproject)**
  Duration: 2018 - 2021 (EU-Era-Net Core Organic Cofund)

- **Organic-PLUS – Pathways to phase-out contentious inputs from organic agriculture in Europe (subproject)**
  Duration: 2018 - 2022 (EU Horizon2020)

- **Nutri@ÖkoGemüse – Nutrient management in organic vegetable cultivation based on novel fertilising strategies and computerised tools (subproject)**
  Duration: 2019 - 2024 (Federal Programme for Organic Farming)

Institute of Soil Science and Land Evaluation (310)

Soil Biology (310b)

Contact:
Prof. Dr. Ellen Kandeler, kandeler@uni-hohenheim.de

- **Soilcare for profitable and sustainable crop production in Europe**
  Duration: 2016 - 2022 (EU Horizon 2020) (PhD. thesis)

- **Effects of reduced tillage in organic farming on carbon sequestration**
  Duration: 2018 - 2020

- **BWPLUS – Microplastics in composts, fermentation products and their entry in soil – Identification, evaluation, avoidance**
  Duration: 2018 - 2023 (PhD. thesis)

- **Effect of glyphosate on soil microbiological organisms and interaction with cover crops**
  Duration: 2019 (M.Sc. thesis)

- **Effect of glyphosate on soil microorganisms**
  Duration: 2019 - 2021 (M.Sc. thesis, PhD. thesis)

- **NOcsPS – Agriculture 4.0 without chemical-synthetic crop protection: the function of soil organisms in NOcsPS cropping systems**
  Duration: 2020 - 2023 (Federal Ministry of Education and Research – Agricultural Systems of Future)

- **SPRINT – Sustainable plant protection transition: A global health approach**
  Duration: 2020 - 2025 (EU Horizon Project, two PhD students)

Institute of Landscape and Plant Ecology (320)

Landscape Ecology and Vegetation Science (320a)

Contact:
Prof. Dr. Frank Schurr, frank.schurr@uni-hohenheim.de
Prof. Dr. Martin Dieterich, martin.dieterich@uni-hohenheim.de
Prof. Dr. Klaus Schmieder, klaus.schmieder@uni-hohenheim.de

- **Measures to increase biological diversity in fruit plantations and traditional orchards**
  Duration: 2016 - 2022

- **Importance of lentil fields and flowering areas for the promotion of biological diversity on arable sites of the biosphere region Swabian Alb**
  Duration: 2017 - 2019

- **Orchard meadows: Performance and Efficiency of Measures in the Area of Conflict between Ecology, Economy and Society**
  Duration: 2018 - 2022 (PhD. thesis)

- **Development of the vegetation and changes in flora in landscape elements of an agricultural landscape section in Brandenburg since 1992**
  Duration: 2019 (M.Sc. thesis)

- **Traditional orchard management – approaches, success factors and obstacles**
  Duration: 2019 (M.Sc. thesis)

- **Orchard meadows in Baden-Württemberg: inventory analysis, development and comparison of selected areas with studies on the habitat quality of breeding birds**
  Duration: 2019 (B.Sc. thesis)

- **Remote Identification of Orchard Trees with Point Cloud and Machine Learning**
  Duration: 2019 (M.Sc. thesis)

- **Structural patterns of traditional orchards as predictors of bird species occurrence in Baden-Württemberg**
  Duration: 2019 (M.Sc. thesis)

- **What is the state of our orchard meadows? – Inventory analysis and development of selected areas in North Baden between 2008 and 2018**
  Duration: 2019 (B.Sc. thesis)

- **Population change, vitality and mistletoe infestation in orchards in Plattenhardt, Germany**
  Duration: 2020 (B.Sc. thesis)

- **NOcsPS – Dynamic interaction networks and biological pest control in pesticide-free agricultural landscapes (subproject)**
  Duration: 2020 - 2023 (Federal Ministry of Education and Research – Agricultural Systems of Future)

- **The ecological value of waiting: The potential of fallows in fruit orchards to promote biodiversity in agricultural landscapes of South Tyrol, Italy**
  Duration: 2021 (M.Sc. thesis)

- **Orchards in climate change**
  Duration: 2021 - 2024 (Baden-Württemberg Foundation)

- **Analysis of fruit trees under climate change and the abundance of tree microhabitats in orchards near Tübingen Weilheim**
  Duration: 2022 (B.Sc. thesis)

- **Analysis of structural characteristics of traditional orchards in Baden-Württemberg**
  Duration: 2022 (M.Sc. thesis)

- **Influence of the time of spring cattle drove on the flowering of alpine pastures in the Berchtesgaden region**
  Duration: 2022 (M.Sc. thesis)

- **The sustainable utilization of landscape management material from FFH habitat types**
  Duration: 2022 (M.Sc. thesis)

- **Development of a systemic approach for insect control in organic fruit growing in cooperation with practice, basic and applied research based on the optimization of strategies for the pest control of apple blossom weevil and woolly apple aphid**
  Duration: 2022 - 2023

- **Analysis and assessment of the conservation status of the FFH habitat type "Lean Flatland Meadow" in Natura 2000 sites in the Rems-Murr district**
  Duration: 2023 (M.Sc. thesis)

- **Floral change in selected open grassland nature conservation areas of Baden-Württemberg**
  Duration: 2023 (M.Sc. thesis)

- **Orchard in the Fildern – Status analysis of different cultivars with regard to sustainable orchards**
  Duration: 2023 (M.Sc. thesis)

- **Orchards woven into local foodscapes – Analyzing non-commercial orchards around Ludwigsburg**
  Duration: 2023 (M.Sc. thesis)

- **Quantitative analysis of the influence of different locational and climate factors on the physiological development of scattered fruit trees in early phenological stages**
  Duration: 2023 (M.Sc. thesis)

- **Recording and evaluation of selected ecosystem services of orchard meadows on the Fildern**
  Duration: 2023 (B.Sc. thesis)

- **The condition of Herrenberg's orchard meadows using the example of different exposures and slopes**
  Duration: 2023 (B.Sc. thesis)

- **Shoot growth response to water stress in apple trees:**
  An assessment of drought resilience in different apple cultivars
  Duration: 2023 (M.Sc. thesis)

Plant Ecology and Ecotoxicology (320b)

Contact:
Prof. Dr. Petra Högy, petra.hoegy@uni-hohenheim.de

- **Impacts of climate change on organic farming**
  Duration: since 2015 (in cooperationwith the Helmholtz Centre for Environmental Research – Global Change Experimental Facility)

- **Innovation Group APV-RESOLA: Agrophotovoltaics: A contribution to resource-efficient land use (subproject)**
  Duration: 2015 - 2019 (Federal Ministry of Education and Research)

- **Influence of Agriphotovoltaics on yield of agricultural crops, heterogeneity and economy**
  Duration: 2019 - 2020 (Funding scheme of the Ministry of Rural and Consumer Protection of Baden-Württemberg)

Institute of Crop Science (340)

Agronomy (340a)

Contact:

Prof. Dr. Simone Graeff-Hönninger, simone.graeff@uni-hohenheim.de

- **EATMORE – Comprehensive description, evaluation and improvement of the food quality of organic carrots and their derived products, and further development of research methods**
  Duration: 2020 - 2022 (Federal Program for Organic Agriculture and Other Forms of Sustainable Agriculture)

Former subject area bis 2022:

Agronomy (340a)

Contact:

Prof. Dr. Sabine Gruber (†),
If you have any inquieries, please contact: sabine.zikeli@uni-hohenheim.de

Weed Control:

- **Cut-and-carry: fresh cut clover as a mulch cover for potatoes**
  Duration: 2017 - 2018 (M.Sc. theses)

Legumes

- **Chickpea cultivation in a temperate climate**
  Duration: 2017 - 2018 (B.Sc./M.Sc. theses)

- **TRUE – TRansition paths to sUstainable legume based systems in Europe (subproject)**
  Duration: 2017 - 2021 (EU Horizon 2020)

- **LinSel – Selection of lentil *(Lens culinaris)* varieties for sustainable cropping systems (project coordination)**
  Duration: 2019 - 2021 (Federal Ministry of Food and Agriculture)

Soil cultivation, weeds

- **Effect of reduced tillage on carbon sequestration in organic farming**
  Duration: 2018 - 2020

Long-term Trials

- **Effect of stubble and primary tillage on yields, weed pressure, and earthworms in organic farming systems**
  Duration: since 1999

- **Impact of woodchip mulching on yields, earthworms, weeds, and soil characteristics in organic farming**
  Duration: since 2001

Biobased Resources in the Bioeconomy (340b)

Contact:
Prof. Dr. Iris Lewandowski, iris_lewandowski@uni-hohenheim.de

- **Promotion of biodiversity in short rotation coppices through species-rich hedges**
  Duration: since 2009

- **Syntropic permaculture in temperate regions: Spatial and temporal diversification of crop communities**
  Duration: since 2019

- **Longterm trials with perennial wild plant mixtures for bioenergy production**
  Duration: ongoing (various B.Sc./M.Sc. theses and 'Humboldt reloaded' projects)

- **Organic urban gardening: Circular terrabioponic garden systems**
  Duration: 2017 - 2018 (Federal Ministry of Education and Research – Agricultural Systems of the Future and since 2017 various 'Humbold reloaded' student projects)

- **Mechanical weed control in *Sida hermaphrodita* L. var. Rusby**
  Duration: since 2021

- **Tansy (*Tanacetum vulgare* L.) and sweet clover (*Melilotus officinalis* L.) for biodiversity-friendly biomass of marginal land**
  Duration: since 2021, 2022 and 2023 (three ongoing projects)

Quality of Plant Products (340e)

Contact:
Prof. Dr. Christian Zörb, christian.zoerb@uni-hohenheim.de

- **LinSel – Selection of lentil *(Lens culinaris)* varieties for sustainable cropping systems (subproject)**
  Duration: 2019 - 2021 (Federal Ministry of Food and Agriculture

- **ZwiebÖL – Exploration of the potentials of old landraces of onions for organic farming (joint project)**
  Duration: 2020 - 2023 (Federal Program for Organic Farming)

- **Bread&Beer – Production of wheat and barley with reduced inputs in organic farming**
  Duration: 2020 - 2024 (Federal Ministry of Education and Research)

Contact:
Dr. Markus Dier, markus.dier@gmx.net

- **NOcsPS – Harvested product quality in NOcsPS cropping systems (subproject)**
  Duration: 2019 - 2023 (Federal Ministry of Education and Research – Agricultural Systems of Future)

Nutritional Crop Physiology (340h)

Contact:
Prof. Dr. Uwe Ludewig, u.ludewig@uni-hohenheim.de
Dr. Günter Neumann, guenter.neumann@uni-hohenheim.de, Prof. em. Dr. Markus Weinmann, markus.weinmann@uni-hohenheim.de

- **DiControl – Implications of soil management practices and application of biocontrol strains on soil disease suppressiveness for improved soil health and sustainable plant production**
  Duration: 2015 - 2024 (Federal Ministry of Education and Research – BonaRes)

- **Microbial Consortia as inoculants for improved crop performance – applications and mode of action**
  Duration: 2016 - 2019 (EurochemAgro)

- **SolACE – Solutions for improving agroecosystem and crop efficiency for water and nutrient use**
  Duration: 2017 - 2022 (EU)

- **GreenErde: Education and Research in the context of the digital and ecological transformation of agriculture in the Banat Region and Baden-Württemberg – towards resource efficiency and resilience**
  Duration: 2020 - 2022 (Ministry of State Baden-Württemberg)

- **"KeraSan" – Development of a novel additive for agronomy based on renewable resources**
  Duration: 2020 - 2023 (Federal Ministry of Education and Research, Ideas Competition "New Products for the Bioeconomy" - IBÖ)

- **Arbuscular mycorrhiza as affected by organic and conventional management in vineyards of Rheinhessen**
  Duration: 2021 - 2022 (M.Sc. thesis)

- **Using Keratin-Chitosan-Mixtures and orher bio-effectors to control grapevine specific replanting disease**
  Duration: 2021 - 2022 (M.Sc. thesis)

- **BIOFAIR – Biodiversity in soils and innovative cropping strategies for improved resilience in European wheat production"**
  Duration: 2021 - 2023 (ERA-NET COFUND – BiodivClim: Biodiversity and Climate Change)

- **Microbial Bio-Effectors for improved Nitrogen Nutrition of Maize**
  Duration: 2022 - 2023

Fertilization and Soil Chemistry (340i)

Contact:
Prof. Dr. Torsten Müller, torsten.mueller@uni-hohenheim.de

- **Long-term trial: Compost from organic waste**
  Duration: since 1997

- **RUN – Rural Urban Nurtrient Partnership – Nutrient communities for sustainable agriculture (subproject)**
  Duration: 2019 - 2022 (Federal Ministry of Education and Research – Agricultural Systems of Future)

- **Reclamation of a longstanding Miscanthus area in organic Organic farming: effect on humus supply and quality of a parabrown soil**
  Duration: 2015 - 2020

Contact:
Dr. Reiner Ruser, reiner.ruser@uni-hohenheim.de

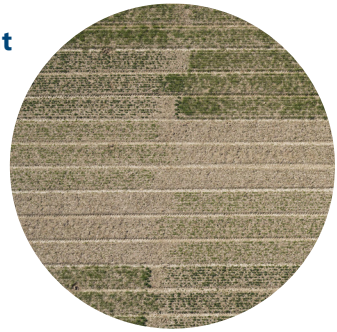
- **Recultivation of a long-term miscanthus area in organic farming: Effect on humus storage and quality of a luvisol**
  Duration: 2015 - 2020

Contact:
Priv. Doz. Dr. Kurt Möller, kurt.moeller@uni-hohenheim.de

- **DOMINO – Increasing biodiversity, resilience and sustainability of intensive organic fruit growing systems through the integration of undergrowth, mulching and the use of recycled fertilizers and soil additives (subproject)**
  Duration: 2018 - 2021 (EU-Era-Net Core Organic Cofund)

- **RELACS: Replacement of contentious inputs in organic farming Systems: Replacements of contentious fertilizers and manures in plant production (subproject)**
  Duration: 2018 - 2022 (EU Horizon 2020)

- **Nutri@ÖkoGemüse – Nutrient management in organic vegetable cultivation based on novel fertilising strategy and computerised tools (subproject)**
  Duration: 2019 - 2024 (Federal Programme for Organic Farming)



Institute of Phytomedicine (360)

Phytopathology (360a)

Contact:
Prof. Dr. Ralf T. Vögele, ralf.voegele@uni-hohenheim.de

- **Approaches to the biological control of *Sclerotinia sclerotiorum* on soybean**
  Duration: 2015 - 2023 (various theses)

- **Biological control of *Fusarium graminearum* using various secondary metabolites of *Trichoderma* spp.**
  Duration: 2015 - 2023 (various theses)

- **Unravelling the *Diaporthe / Phomopsis* disease complex on soybean**
  Duration: 2015 - 2024 (various theses)

- **Microbial degradation of *Fusarium* mycotoxins**
  Duration: 2015 - 2023 (various theses)

- **Establishment of a quantitative molecular screening system for soybean pathogens**
  Duration: 2015 - 2024 (PhD. thesis, various theses and Humboldt Reloaded projects)

- **Use of *Trichoderma* spp. and their secondary metabolites for controlling *Phakopsora pachyrhizi* on soybean**
  Duration: 2016 - 2023 (various theses)

- **Detection of antagonist-mediated defense responses using plant cell cultures**
  Duration: 2017 - 2023 (various theses)

- **Control of fungal turfgrass diseases by UV-C and antagonists**
  Duration: 2021 - 2024 (various subprojects)

- **Drone-based, optical sensors and their application in Precision Farming**
  Duration: 2018 - 2024 (various theses and Humboldt Reloaded projects)

- **NOcsPS – Non-invasive, nationwide Pathogen monitoring and testing of new BCAs for the NOcsPS cultivation system (subproject)**
  Duration: 2020 - 2023 (Federal Ministry of Education and Research – Agricultural Systems of Future, PhD. thesis, various theses and Humboldt Reloaded projects)

- **DiWenkLa – Plant protection monitoring systems for special crops (subproject)**
  Duration: 2020 - 2025 (Federal Ministry of Agriculture and Food))

- **SAFEbugBeads – Application of innovative RNA-based plant protection technologies for sustainable and environmentally friendly control of *Halyomorpha halys* in horticulture**
  Duration: 2020 - 2023 (PhD. thesis, various theses)

- **Ho[RtikulturNA] – Innovative RNA-based crop protection technologies in horticulture**
  Duration: 2021 - 2024 (PhD. thesis, various theses)

- **Innovative crop protection strategies to reduce the use of resources for sustainable fruit growing facing climate change**
  Duration: 2022 - 2024 (European Innovation Partnership, funded by the EU / Ministry for Rural Areas and Consumer Protection Baden-Württemberg (EIP-Agri))

- **BarEpiEdit – Epigenetic Editing of Immunity Genes to Enhance Fungal Disease Resistance of Barley (*Hordeum vulgare*)**
  Duration: 2022 - 2025 (PhD. thesis)

- **INTEGRATE – Establishment of a microbiological preparation to regulate fruit rot and improve storability in strawberry production**
  Duration: 2023 - 2025

- **Detection of plant diseases using satellite data**
  Duration: ongoing (various theses)

Weed Science (360b)

Contact:
Prof. Dr. Roland Gerhards, roland.gerhards@uni-hohenheim.de

- **Assessment and development of site-specific weed management: Sensor based perception and application technologies**
  Duration: ongoing

- **Benefits of precision farming technologies for mechanical weed control in sugar beet, soybean, and maize – comparison of precision hoeing with conventional mechanical weed control**
  Duration: ongoing

- **Comparison of weed control on soybean *(Glycine max)* in organic tillage and no-tillage systems**
  Duration: ongoing; various student research and doctoral projects

- **Comparison of weed control on soybean *(Glycine max)* in organic systems with conventional tillage reduced tillage and no-fill**
  Duration: ongoing

- **Suitability, growth and weed suppression of cover crops in mono and mixture cultivation**
  Duration: ongoing

- **Trials to restore weed species diversity in agricultural areas**
  Duration: since 2018

- **The ecosystem services provided by weeds in fields, in particular, the diversity and activity of seed predators**
  Duration: since 2018

Applied Entomology (360c)

Contact:
Dr. Dr. Claus P. W. Zebitz, Prof. em.

- **Ecological diversity in fruit plantations: Potentials and practice program to increase the ecological diversity in fruit plantations and traditional fruit orchards. Short title: Ecological diversity in fruit plantations**
  Duration: 2016 - 2022 (funded by the Federal Agency for Nature Conservation)

- **Development of resistance and virulence management strategies for apple granulovirus in organic fruit production**
  Duration: 2017 - 2019

- **Development of tools for the optimization of the regulation of apple saw fly, red-legged harlequin and shellwinders and their optimal integration in the overall strategy for insect control in organic stone fruit production**
  Duration: 2017 - 2019

- **INSEKTOEKOOBST – Development of tools for the optimization of the regulation of apple saw fly, red-legged harlequin and shellwinders and their optimal integration in the overall strategy for insect control in organic stone fruit production**
  Duration: until 2020 (funded by the Federal Programme for Organic Farming and Other Forms of Sustainable Agriculture)

- **Development of resistance and virulence management strategies for apple granulovirus in organic fruit growing**
  Duration: ongoing (funded by the Federal Programme for Organic Farming and Other Forms of Sustainable Agriculture)

- **Diversity and abundance of parasitoids in organic apple orchards in Baden-Württemberg**
  Duration: ongoing

- **Evaluation of the biological activity of granulovirus isolates from *Tuta absoluta* (TuabGV) and *Phthorimaea operculella* (PhopGV) in its primary and secondary host**
  Duration: ongoing

Institute of Farm Management (410)

Production Theory and Resource Economics (410a)

Contact:
Prof. Dr. Stephan Dabbert, stephan.dabbert@uni-hohenheim.de
Prof. Dr. Christian Lippert, christian.lippert@uni-hohenheim.de

- **TRUE – TRansition paths to sUstainable legume based systems in Europe (subproject)**
  Duration: 2017 - 2021 (EU Horizon 2020)

- **RUN – Rural Urban Nurtrient Partnership – Nutrient communities for sustainable agriculture (subproject)**
  Duration: 2019 - 2022 (Federal Ministry of Education and Research – Agricultural Systems of Future)

- **NOcsPS – Agriculture 4.0 without the use of chemical and synthetic pesticides (subproject)**
  Duration: 2019 - 2023 (Federal Ministry of Education and Research – Agricultural Systems of the Future)

- **Assessment of current organic market potentials in Baden-Württemberg and related options for conventional farmers who want to convert**
  Duration: 2021 (student research project)

Farm Management (410b)

Contact:
Prof. Dr. Enno Bahrs, bahrs@uni-hohenheim.de

- **NOcsPS – Agriculture 4.0 without synthetic chemicals Crop Protection (subproject)**
  Duration: 2019 - 2023 (Federal Ministry of Education and Research – Agricultural Systems of the Future)

- **An applied sustainability assessment using lamb's lettuce value chain and the BioZBW regional label certification process**
  Duration: 2022 - 2023

- **EDIF QZBW – Use of digital instruments for the examination of agricultural support measures for regional products within the framework of the Quality and Organic Label Baden-Württemberg Baden-Württemberg**
  Duration: 2022 - 2023 (Ministry for Rural Areas and Consumer Protection Baden-Württemberg)

Institute of Agricultural Policy and Markets (420)

Agricultural Markets (420b)

Contact:
Prof. Dr. Sebastian Hess, s.hess@uni-hohenheim.de

- **MILQMAT – The economic significance of farm-gate marketing of raw milk via vending machines, taking into account plant engineering and food hygiene aspects**
  Duration: 2019 - 2023

- **Who will buy organic food in the future? A case study on the role of information provision**
  Duration: 2020 (M.Sc. thesis)

- **Comparison of prices for organic products in Germany and Austria**
  Duration: 2021 (B.Sc. thesis)

- **Possibilities for accelerating organic certification procedures of suppliers of agricultural products of VomFass AG**
  Duration:2021 (M.Sc. thesis)

- **The importance of Baden-Württemberg cooperatives for the future of value chains in the agri-food sector: which strategies ensure sustainability, resilience and competitiveness?**
  Duration: 2021 - 2022

- **The status and potentials of organic cultivation of medicinal, cosmetic and spice plants in Baden- Württemberg**
  Duration: 2021 - 2022 (Ministry of Rural Areas and Consumer Protection Baden-Württemberg)

- **Strategy finding in cooperatives using the example of entering the organic wine segment**
  Duration: 2022 (M.Sc. thesis)

- **ZweiWert – Establishment of value chains for regional dual-purpose chickens in Baden- Württemberg**
  Duration: 2022 - 2024 (European Innovation Partnership, funded by the EU / Ministry for Rural Areas and Consumer Protection Baden-Württemberg (EIP-AGRI))

Contact:
Dr. Beate Gebhardt, beate.gebhardt@uni-hohenheim.de

- **Sustainability awards in the food industry and other industries**
  Duration: since 2012 (ongoing, Humboldt reloaded: Federal Ministry of Education and Research, University of Hohenheim)

- **Approaches and criteria for evaluating corporate sustainability in sustainability competitions**
  Duration: 2017 - 2018 (M.Sc. thesis)

- **Creating advertising credibility – Staging of nature in print ads for organic and conventional foods**
  Duration: 2018 - 2019 (M.Sc. thesis)

- **Is pro-environmental food advertising genuinely green? A content analysis of print advertisements in U.S. magazines**
  Duration: 2018 (M.Sc. thesis)

- **Regional food from the point of view of consumers using the example of "Filderkraut"**
  Duration: 2018 (B.Sc. thesis)

- **The Baden-Württemberg organic label – competitive advantages through certification?**
  Duration: 2018 - 2019 (M.Sc. thesis)

- **Marketing of lamb meat in Baden-Württemberg**
  Duration: 2019 (B.Sc. thesis)

- **The organic mass market for milk and dairy products**
  Duration: 2020 (M.Sc. thesis)

- **The V-PLACE – Enabling consumer choice in Vegan or Vegetarian Food Products (subproject)**
  Duration: 2020 (EIT Food)

- **Role models of corporate sustainability in times of crisis – approaches and forms of representation from the perspective of the food industry**
  Duration: 2020 - 2021 (M.Sc. thesis)

- **Description of sustainability contest**
  Duration: 2021 (Edmund Rehwinkel Foundation / Landwirtschaftliche Rentenbank)

- **Organically certified products from medicinal and aromatic plants: Challenges in the value chain and communication**
  Duration: 2021 (B.Sc. thesis)

- **State and regional organic labels in Germany in comparison**
  Duration: 2021 (B.Sc. thesis)

- **State-regional organic labels: possibilities of targeting social change in the case of plant-based foods**
  Duration: 2021 (B.Sc. thesis)

- **Systematization of evaluation criteria in sustainability awards for the assessment of agri-businesses**
  Duration: 2022 (M.Sc. thesis)

- **Who´s winning - who´s losing? Classification of winner types in corporate sustainability awards**
  Duration: 2022 (M.Sc.thesis)

- **Adaptation strategies and the future of the Baden-Württemberg organic label: a ResAT application**
  Duration: 2022 - 2023 (M.Sc. thesis)

- **BioMAP – Transformation and resilience potential of governmental labeling systems for regional organic food from a multi-actor perspective**
  Duration: 2022 - 2023 (Edmund Rehwinkel Foundation of the Landwirtschaftliche Rentenbank)

- **NEAL – Sustainability excellence in agriculture: More Visibility for the Hidden Lighthouses of Everyday Practice**
  Duration: 2022 - 2023 (Landwirtschaftliche Rentenbank)

- **SIEGER – Business awards as an instrument driving the Sustainability Transformation. Approaches for quality management and strategic development**
  Duration: 2022 - 2023 (German Federal Environmental Foundation)

Consumer Behavior in the Bioeconmomy (420c)

Contact:
Prof. Dr. Ramona Weinrich, ramona.weinrich@uni-hohenheim.de

- **Consumer segmentation for biodiversity-friendly food**
  Duration: 2022 (M.Sc. thesis)

- **Expected Impact of the German Supply Chain Act – A case study of Indo-German Tea Trade**
  Duration: 2022 (M.Sc. thesis)

- **NOcsPS – Agriculture 4.0 without chemical-synthetic crop protection: hypothetical willingness-to-pay analysis and target group analysis for pasture milk, pasture butter and pasture cheese using a choice-based conjoint analysis (CBC analysis)**
  Duration: 2022 - 2023 (Federal Ministry of Education and Research – Agricultural Systems of the Future)

- **Willingness to pay for carbon neutral certified apple juice in Germany**
  Duration: 2022 - 2023 (M.Sc. thesis)

- **HABIT – Levers for a transformation of agricultural landscapes: from biodiversity loss to biodiversity enhancement; Subproject: sustainable consumption decisions: Biodiversity as a unique selling proposition (grant)**
  Duration: 2023 - 2026 (Ministry of Science, Research and the Arts Baden-Württemberg)

Institute of Social Sciences in Agriculture (430)

Communication and Advisory Services in Rural Areas (430a)

Contact:
Prof. Dr. Andrea Knierim, andrea.knierim@uni-hohenheim.de

- **Farm communities in Baden-Württemberg**
  Duration: 2017 - 2018 (B.Sc. thesis)

- **Short expert assessment on free training in biodynamic agriculture**
  Duration: 2017 - 2018

- **Innovations and farmers livelihoods: A case study of farmers transitioning from Organic Agriculture to Biodynamic Farming in Kerala, India and Zanzibar, Tanzania**
  Duration: 2017 - 2020 (PhD. thesis)

- **Consumer attitudes towards processed organic food**
  Duration: 2020 (M.Sc. thesis)

- **Political uncertainty perceived by pig fattening farmers – a comparison between different production systems in Baden-Württemberg, Germany**
  Duration: 2020 (M.Sc. thesis)

- **The role of extension services in supporting Ukrainian farmers to enter the EU market of organic goods**
  Duration: 2021 (M.Sc.-Arbeit)

Societal Transition and Agriculture (430b)

Contact:
Prof. Dr. Claudia Bieling, claudia.bieling@uni-hohenheim.de

- **Ecosystem services of home gardens as perceived by non-garden-owners in Eastern Tyrol, Austria**
  Duration: 2018 (M.Sc. thesis)

- **Environmental Justice and Agriculture – A literature review**
  Duration: 2018 (B.Sc. thesis)

- **Gardeners' use of medicinal plants grown in homegardens of organic and non-organic farms in Eastern Tyrol, Austria**
  Duration: 2018 (M.Sc. thesis)

- **Knowledge creation of permaculture practitioners observing and working with nature: Case studies from Austria**
  Duration: 2018 (M.Sc. thesis)

- **Review of the management of risk-oriented inspections in an organic control body in the light of organic food fraud cases and improvement measures**
  Duration: 2018 (M.Sc. thesis)

- **Interdependency between ecosystem services and the agricultural practices: A case study of Lake Eber, Turkey**
  Duration: 2019 (M.Sc. thesis)

- **Demeter's new recognition concept as an alternative to the classical certification in ecological agriculture. A qualitative analysis of the potentials and challenges**
  Duration: 2019 - 2020 (M.Sc. thesis)

- **Sustainable Food Cities Award as a tool for the development of municipal food systems**
  Duration: 2019 - 2020 (M.Sc. thesis)

- **Gardeners Motivation and Biodiversity in the Urban Gardening Initiative Stadtacker Wagenhallen e.V.**
  Duration: 2020 (M.Sc. thesis)

- **Building food sovereignty in the digital era. Opportunities and challenges for the movement in the Argentinian region**
  Duration: 2020 - 2021 (M.Sc. thesis)

- **Mapping the 'local' in local food systems: Implementation in Jakarta, Indonesia**
  Duration: 2020 - 2021 (M.Sc. thesis)

- **On the path of a post-growth economy: the role of foodsharing case studies in Stuttgart, Germany**
  Duration: 2020 - 2021 (M.Sc. thesis)

- **Organic farming becomes mainstream – a qualitative survey of farmers in Baden-Württemberg, Germany**
  Duration: 2020 - 2021 (M.Sc. thesis)

- **Development-oriented recognition procedures as a component of organic certification**
  Duration: 2020 - 2023 (Funding by Federal Agency for Agriculture and Food)

- **Öko-Valuation – Strengthening Organic Farming Regionally: on the importance of values and norms in social transformation processes**
  Duration: 2020 - 2023 (Ministry of Sciences, Research and Art, Baden-Württemberg)

- **The organic certification system in transition: Integrating a development-oriented approach into third-party certification – A case study of Demeter's project "Recognition"**
  Duration: 2020 - 2023 (PhD. thesis)

- **The role of values and perceptions in a transformation of the agricultural and food system towards more organic farming and regionality in food value creation**
  Duration: 2020 - 2023 (PhD. thesis)

- **Access, security and joint management of land in community-supported agriculture – An analysis of challenges and opportunities**
  Duration: 2021 (B.Sc. thesis)

- **NOcsPS – LaNdwirtschaft 4.0 without chemicaL-synthetic protections – Acceptance and implementation of NOcsPs in the perspective of farms (subproject)**
  Duration: 2021 - 2023 (Federal Ministry of Education and Research – Agricultural Systems of Future)

- **Acceptance and implementation of cultivation systems without chemical-synthetic plant protection in the perspective of farms**
  Duration: 2021 - 2024 (PhD. thesis)

- **Urban Agroecology for health and wellbeing**
  Duration: 2021 - 2024 (PhD. thesis)

- **Consumer confidence in various actors in the organic agriculture and food industry**
  Duration: 2022 (B.Sc. thesis)

- **Social media use in agriculture – a way to promote the acceptance of agriculture among the population and the development towards a more sustainable agriculture?**
  Duration: 2022 (B.Sc. thesis)

- **Success factors, challenges and recommendations for transdisciplinary research practice: Participation of beekeepers in a Demeter e.V. research project**
  Duration: 2022 (M.Sc. thesis)

- **The Role of power in transformation processes of the agricultural and food system – an empirical study using the example of the organic model region Enzkreis in Baden-Württemberg.**
  Duration: 2022 (M.Sc. thesis)

- **The Role of Values in Sustainability Transition: The Case of Chinese Ecological Agriculture**
  Duration: 2022 (M.Sc. thesis)

- **Transformation of the food system – contribution and potential of transformative approaches to solve global challenges and their definition and possibility of scalability using the example of food councils**
  Duration: 2022 (M.Sc. thesis)

- **What role does resilience play for solidarity farming and what indicators can be used to measure it?**
  Duration: 2022 (B.Sc. thesis)

Institute of Agricultural Engineering (440)

Fundamentals of Agricultural Engineering (440a)

Contact:
Prof. Dr.-Ing. Stefan Böttinger, boettinger@uni-hohenheim.de

- **Insect-friendly mowing methods**
  Duration: 2021 - 2025

- **Reduction of the spread of weed seeds by combine harvesters**
  Duration: until 2022

- **Reducing the spread of weed seeds by combine harvesters**
  Duration: until 2022

- **Energy efficiency in undercarriages and assemblies of tractors and agricultural machinery**
  Duration: until 2024

- **BioDruschTec – Development of sustainable combine threshing technology for organic farming**
  Duration: 2023 - 2026

Livestock Systems Engineering (440b)

Contact:
apl. Prof. Dr. Eva Gallmann, eva.gallmann@uni-hohenheim.de

- **Optimization of grazing and automatic milking-systems for cow dairies in organic farming**
  Duration: until 2018

- **Cost and performance data for the rearing and fattening of goat kids in organic farming**
  Duration: 2019

- **EIP-Agri: Construction project for pigs in organic farming (stall concept, accompanying research)**
  Duration: until 2022 (European Innovation Partnership, funded by the EU / Ministry of Rural and Consumer Protection of Baden-Württemberg)

Technology in Crop Production (440d)

Contact:
Prof. Dr. Hans W. Griepentrog, hw.griepentrog@uni-hohenheim.de

- **VERTICROBO – New ecological and automated concepts in fruit growing**
  Duration: 2017 - 2018 (Federal Ministry of Education and Research – Agriculture Systems of the Future)

- **3D real-time detection of weeds in maize**
  Duration: 2018 (M.Sc. thesis)

- **Autonomous mechanical weed control with robots in arable farming, fruit growing and viticulture**
  Duration: ongoing

Agricultural Engineering in the Tropics and Subtropics (440e)

Contact:

Prof. Dr. Joachim Müller, joachim.mueller@uni-hohenheim.de

- **ETAG – Joint project: Energy-optimized drying of medicinal and spice plants: Development of a modular dryer for beginners (ETEA) (subproject)**
  Duration: 2022 (Agency for Renewable Resources, Federal Ministry of Food and Agriculture)

Artificial Intelligence in Agricultural Engineering (440g)

Contact:

Jun.-Prof. Dr. Anthony Stein, anthony.stein@uni-hohenheim.de

- **NOcsPS – AI-based Hyperspectral Data Analysis for Efficient Plant Pathogen Monitoring (subproject)**
  Duration: 2022 - 2023 (Federal Ministry of Education and Research – Agricultural Systems of the Future)

Institute of Animal Science (460)

Farm Animal Genetics and Breeding (460g)

Contact:
Prof. Dr. Jörn Bennewitz, j.bennewitz@uni-hohenheim.de

- **Breeding concepts for robust dairy beef**
  Duration: 2016 - 2019

Livestock Population Genomics (460h)

Contact:
Prof. Dr. Martin Hasselmann, martin.hasselmann@uni-hohenheim.de

- **Role of local environment on pathogens and parasites of honey bees *(Apis mellifera)*. Assessment of regional *Apis mellifera* health in Baden-Württemberg, Germany**
  Duration: 2018 (B.Sc. thesis)

- **SETBie (EIP-AGRI) – Selection and establishment of varroa-tolerant bee colonies**
  Duration: 2019 - 2022

Contact:
Prof. Dr. Michael Grashorn, michael.grashorn@uni-hohenheim.de

- **Dual-purpose chickens in Baden-Württemberg – poultry breeding using a citizen science approach (subproject)**
  Duration: 2018 - 2019 (Ministry for Rural Areas and Consumer Protection Baden-Württemberg)

Institute of Agricultural Sciences in the Tropics (Hans-Ruthenberg-Institute) (490)

Social and Institutional Change in Agricultural Development (490c)

Contact:

Prof. Dr. Regina Birner, regina.birner@uni-hohenheim.de

- **Development and success factors of PGS-based value chains among small-holder farmers: a case study from India**
  Duration: 2018 - 2019 (M.Sc. thesis)

Agronomy in the Tropics and Subtropics (490e)

Contact:

Prof. Dr. Georg Cadisch, georg.cadisch@uni-hohenheim.de

- **FOR – Agricultural landscapes under global climate change – processes and feedbacks on a regional scale**
  Duration: 2015 - 2021 (Ellrichshausen-Foundation)

- **Underutilized or unprotected? New methods for analyzing diverging perspectives on the large-scale conversion of tropical grassland eco-systems Ethiopia, Kenya**
  Duration: 2016 - 2018

- **Safe operating space in mountainous regions of Southeast Asia (SOS-Uplands) biodiversity and land use**
  Duration: 2017 - 2018

- **EaTSANE – Education and training for sustainable agriculture and nutrition in East Africa**
  Duration: 2018 - 2021

- **The effects of soil fertility and drought conditions on yields and vitamin contents of East African green leafy vegetables (carried out within the framework of the EaTSANE project)**
  Duration: 2020 (M.Sc. thesis)

- **SustainSAHEL – Synergetic use and protection of natural resources for rural livelihoods through systematic integration of crops, shrubs and livestock in the Sahel (EU2020: WP7 Scenario modelling of CSL systems)**
  Duration: 2020 - 2025

- **Testing of vertical garden systems' viability and their potential to improve household food and nutrition security in schools in Kapchorwa, Uganda (carried out within the framework of the EaTSANE project and in cooperation with Nürtingen-Geislingen University of Applied Sciences)**
  Duration: 2021 (M.Sc. thesis)

Contact:
PD Dr. Frank Rasche, frank.rasche@uni-hohenheim.de

- **LegumeCHOICE – Realizing the underexploited potential of multi-purpose legumes towards improved livelihoods and a better environment in crop-livestock systems in East & Central Africa**
  Duration: 2014 - 2018

- **Soil ecological determinants of biological nitrification inhibition (BNI) by *Brachiaria humidicola* in tropical pasture systems**
  Duration: 2015 - 2019

- **BIOINVENT – Generic bio-inventory of functional soil microbial diversity in permanent grassland ecosystems across management and climate gradients**
  Duration: 2017 - 2020

- **Control of the weed *Striga hermonthica* by the fungal biocontrol agent *Fusarium oxysporum f.sp. strigae***
  Duration: 2017 - 2020

- **HerbBi – Herbicide-mediated biphasic responses in plants**
  Duration: 2017 - 2020

- **Molecular mechanisms of the suppression of banana *Fusarium* wilt tropical race 4 through ground cover management**
  Duration: 2017 - 2020

- **Organic cocoa growing in Peru – cropping system and fruit quality**
  Duration: 2017 - 2018

- **COSCA – Agro-ecological opportunities and tailor-made value chain schemes to develop a sustainable cocoa sector in South and Central America**
  Duration: 2018 - 2019

- **ECOMASA – Eco-efficient management of tropical savannas**
  Duration: 2018 - 2019

Animal Breeding and Husbandry in the Tropics and Subtropics (490h)

Contact:

Prof. Dr. Mizeck Chagunda, mizeck.chagunda@uni-hohenheim.de

- **Can early weaning stress be reduced for the benefit of welfare of dairy goats and sustainability of dairy goat farming?**
  Duration: 2018 (M.Sc. thesis)

- **Influence of husbandry systems on animal welfare in Holstein and Simmental cows and it`s effects on selected sustainability aspects**
  Duration: 2018 (M.Sc. thesis)

- **Prospects of organic calf commercialization and marketing in the state of Baden-Württemberg**
  Duration: 2019 (M.Sc. thesis)

- **Quantification of climate-relevant emissions and carbon sequestration from a farm in Kassel-Calden**
  Duration: 2019 (M.Sc. thesis)

- **Agroecology and Safe food System Transitions (ASSET) in Southeast Asia**
  Duration: 2020 - 2025

- **Implementation of calving procedures and potential of calving strategies in organic and conventional dairy farms in Southern Germany**
  Duration: 2020 - 2021 (B.Sc. thesis)

- **Potentials and limitations of semen sexing as a method to reduce the number of low value calves from organic dairy production**
  Duration: 2020 - 2021 (B.Sc. thesis)

- **Potential of the brother-calf strategy in organic dairy farming**
  Duration: 2021 (B.Sc. thesis)

- **Breeding and potential determination of suitable origin of dual-purpose chickens in organic farming**
  Duration: 2021 - 2023 (PhD thesis)

- **Sustainable Livestock Systems**
  Duration: 2018 - to-date (One of the key themes in the Department of Animal Breeding and Husbandry in the Tropics and Subtropics)

- **Behavior and group dynamics of Iberian pigs in an organic pasture system**
  Duration: 2020 (B.Sc. thesis)

- **Farmer and consumer perceptions on the importance of cow-calf contact system attributes**
  Duration: 2020 - 2021 (M.Sc. thesis)

- **Developing and applying a dynamic framework for climate changes mitigation and adaptation planning at farm-level – case study of a mixed farm in Northern Hessen, Germany**
  Duration: 2021 (M.Sc. thesis)

- **Meta-analysis about extensive pig production with emphasis on welfare**
  Duration: 2021 (B.Sc. thesis)

- **Potential of Integrating ad Marketing organic Livestock Production in Certified Organic Crop Production Systems in the Tropics**
  Duration: 2021 (M.Sc. thesis)

- **Agro-ecological performance and sustainability of smallholder crop-livestock farming systems in the Northwest Vietnam (in the frame of the ASSET project)**
  Duration: 2021 - 2023 (PhD thesis)

Contact:
Josephine Gresham, josephine.gresham@uni-hohenheim.de

- **Determinants of marketing of organically and conventionally produced calves from dairy farms in Baden-Württemberg**
  Duration: 2019 (M.Sc. thesis)

- **Possibilities of organic calf marketing in Baden-Württemberg**
  Duration: 2019 (M.Sc. thesis)

- **Potentials and limitations of semen sexing as a method to reduce the number of low value calves from organic dairy production**
  Duration: 2020 - 2019 (B.Sc. thesis)

- **Potentials of the brother-calf strategy in organic dairy farming**
  Duration: 2020 - 2021 (B.Sc. thesis)

- **Implementation of calving procedures and potential of calving strategies in organic and conventional dairy farms in Southern Germany**
  Duration: 2020 - 2021 (B.Sc. thesis)

- **Determinants of the relevance of animal welfare and sustainability criteria in dairy farming with a focus on cow-calf rearing – an evaluation by farmers and students Sustainability criteria in dairy farming with a focus on cow-calf rearing – an evaluation by farmers and students**
  Duration: 2020 - 2021 (M.Sc. thesis)

- **Potential of extended lactation and intercalving period to reduce calves from organic dairy production**
  Duration: 2020 - 2023 (PhD thesis)

- **WertKalb – Innovative strategies for the ethical value creation of calves from organic dairy farming**
  Duration: 2020 - 2023 (Ministry of Science, Research and the Arts, Baden-Württemberg)

- **Potential of cross-financing a cow-based calf rearing system through direct marketing of milk in organic farming**
  Duration: 2021 (B.Sc. thesis)

- **Feasibility and financial outlay of different barn construction solutions with mother- and suckler-linked calf rearing in the dairy sector**
  Duration: 2021 - 2022 (M.Sc. thesis)

- **Determinants of meat quality and performance of calves from cow-based rearing**
  Duration: 2021 - 2022 (B.Sc. thesis)

- **Potentials of semi-mobile farm slaughtering for cattle – meat quality, feasibility and economic viability**
  Duration: 2021 - 2022 (M.Sc. thesis)

- **Quality analysis of organic beef and veal from mother-bred rearing using selected objective and subjective parameters**
  Duration: 2021 - 2022 (B.Sc. thesis)

- **Fattening and slaughter performance and meat quality parameters in Merino landscape lambs from intensive indoor or pasture fattening**
  Duration: 2022 (M.Sc. thesis)

- **Feasibility and financial expenditure of different barn construction solution with cow-linked Calf rearing in the dairy sector**
  Duration: 2022 (M.Sc.thesis)

- **The slaughter of cattle in the biodynamic Farm of origin – Status quo, challenges and needs analysis**
  Duration: until 2023 (M.Sc. thesis)

Contact:
David Kohnke, d.kohnke@uni-hohenheim.de

- **Öko2Huhn – Dual-purpose chickens in organic farming – Breeding and potential of suitable origins as well as implementation in practice**
  Duration: 2020 - 2026 (Federal Program Organic Farming)

- **Breeding and potential determination of suitable origin of dual-purpose chickens in organic farming Württemberg**
  Duration: 2021 - 2023 (PhD. thesis)

- **Investigations on the establishment of a breeding population of the Dual-purpose chicken Sundheimer Huhn for use in organic farming**
  Duration: 2021 - 2024 (PhD thesis)

Contact:
Priv. Doz. Dr. Pera Herold, p.herold@uni-hohenheim.de

- **Development of a sustainable breeding program for dairy goats in organic agriculture**
  Duration: 2016 - 2019 (PhD. thesis)

- **GoOrganic – Development of a sustainable breeding program "Goats for organic farming"**
  Duration: 2016 - 2022 (Federal Programme for Organic Farming and Other Forms of Sustainable Agriculture)

- **GesundeZiegen – Breeding for health and robustness in dairy goats**
  Duration: 2021 - 2024 (Federal Ministry of Food and Agriculture)

Livestock Nutrition and Rangeland Management in the Tropics and Subtropics (490i)

Contact:
Prof. Dr. Uta Dickhöfer, uta.dickhoefer@uni-hohenheim.de

- **Effect of feeding tannin-rich herbs on rumen fermentation and nitrogen metabolism in dairy cows**
  Duration: 2017 - 2018 (M.Sc. thesis)

- **Factors affecting grazing-based milk production in organic farms in southern Baden-Württemberg**
  Duration: 2018 - 2019 (B.Sc. thesis)

- **GrazyDaiSy: Innovative and sustainable grazing-based systems integrating cows and young stock (subproject)**
  Duration: 2018 - 2021 (EU-Era-Net Core Organic Cofund)

- **Influence of feeding time and breed on the feeding behavior, milk yield and milk composition of dairy cows in organic farming**
  Duration: 2019 (B.Sc. thesis)

- **Modeling the factors influencing nitrogen use in grazing-based organic dairy farming**
  Duration: 2019 - 2022 (PhD. thesis)

Hohenheim Research Center for Bioeconomy (701)

Contact:
Susanne Braun, susanne.braun@uni-hohenheim.de

- **MYPACK – Best markets for the exploitation of innovative sustainable food packaging Solutions**
  Duration: 2017 - 2021 (EU Horizon 2020)

- **SMARTCHAIN – Smart solutions in Short Food Supply Chains**
  Duration: 2018 - 2021 (EU Horizon 2020)

- **TOSCA – The development of organic supply chains that drive fair, transparent and healthy options for the consumer**
  Duration: 2019 - 2020 (EIT Food)

- **Integrating Precision Farming in Computer Games**
  Duration: since 2020 (EIT Food project)

- **FIELDS – Addressing the current and Future skill needs for sustainabilty, digitalization, and the bio-Economy in AgricuLture: European skills agenDa and Strategy**
  Duration: 2020 - 2022 (ERASMUS+)

- **CO-FRESH**
  Duration: 2020 - 2024

- **Robs4Crops**
  Duration: since 2021 (Horizont 2020 project)

Research Center Global Food Security and Ecosystems (702)

Contact:
Carolin Callenius, carolin.callenius@uni-hohenheim.de

- **Coordination Office 'Agro-Forestry System – Research' at the University of Hohenheim**
  Duration: 2023 - 2024 (Eva Mayr-Stihl Foundation)

State Plant Breeding Institute (LSA, 720)

Working Group Sunflowers and Legumes

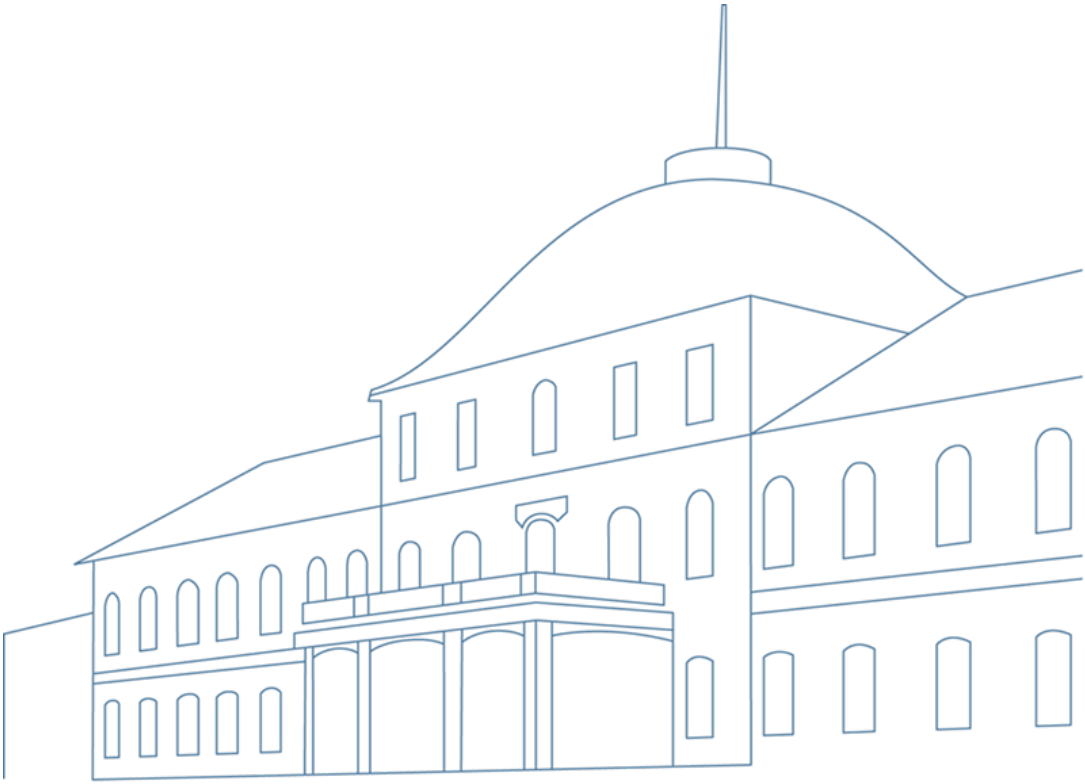
Contact:
Dr. Volker Hahn, volker.hahn@uni-hohenheim.de

- **Genomics-based improvement of the domestic soybean material and establishment of a molecular screening system for soy pathogens**
  Duration: 2015 - 2021 (Federal Ministry of Food and Agriculture)

- **Development of adapted and profitable soy varieties for a sustainable bioeconomy**
  Duration: 2017 - 2019

Contact

University of Hohenheim
Center for Organic Farming (309)
Dr. Sabine Zikeli
Fruwirthstr. 14/16
70599 Stuttgart | Germany
Tel.: +49 (0)711/ 459-23248
E-mail: zoeluh@uni-hohenheim.de
https://oeko.uni-hohenheim.de/en



University of Hohenheim
Center for Organic Farming (309)
Fruwirthstr. 14/16 | 70599 Stuttgart | Germany
zoeluh@uni-hohenheim.de | https://oeko.uni-hohenheim.de/en