



# SWEDEN



Agriculture, Food, Fisheries and Forestry Research Facilities

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## State or Federal Research Facilities, Institutes or Organisations<sup>1</sup>

### Swedish Board of Agriculture

#### [Swedish Board of Agriculture - Jordbruksverket](#)

The Swedish Board of Agriculture is the administrative authority in the agricultural policy area and is responsible for matters of agriculture, stock farming, horticulture, reindeer husbandry, and rural development. The Swedish Board of Agriculture is also the authority in charge of the country's district veterinary officers.

#### Relevant areas for CRP:

- [Support](#): In this area, the Swedish Board of Agriculture is aimed at support for agriculture, investments in rural areas, innovation, fisheries and aquaculture, renewable energy and other subsidies and calls.
- [Plants](#): In this area, the Swedish Board of Agriculture is aimed at plant protection, plant nutrition, seeds, water conservation, biodiversity, GMOs, trade in plants, seeds and endangered species.
- [Food and drinks](#): In this area, the Swedish Board of Agriculture is aimed at trade in food and beverages, Sweden's food strategy, sustainable food, leftovers from food, prices and market information.

### The National Veterinary Institute (SVA)

#### [National Veterinary Institute - SVA](#)

The National Veterinary Institute (SVA) is an expert authority with contingency missions. SVA promotes animal and human health, Swedish animal husbandry and our environment through diagnostics, research, preparedness and advice. The authority is under the Ministry of Economic Affairs.

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<sup>1</sup> The Susfood Country Report *The organisations of research programmes, funding bodies and research institutes in 16 European Countries* (2014) was used for reference; <http://www.susfood-era.net>



## Sweden

### Feed safety

#### [Feed safety - SVA](#)

SVA's role in feed safety issues is diversified. SVA has a strong collaboration with the Swedish Board of Agriculture regarding feed safety legislation on the EU- and national levels. SVA performs those risk assessments which are the basis for the official control of feed performed by the Swedish Board of Agriculture and by the county administrative boards. SVA provides advice and performs counselling in the industrial feed sector. SVA also has highly developed chemical instrumentation focusing on analyses of mycotoxins and drugs in feed.

### Animals - Fish, shellfish and molluscs

#### [Fish, shellfish and molluscs - SVA](#)

SVA has staff with unique competence in this field and laboratories for the diagnostics required. SVA resources are used for diagnostics, animal protection/welfare, protection and rapid action against infectious diseases, health and environmental monitoring, and in providing data for use in decision-making on both national and local levels. Quality assurance is an important part of this work and therefore our activities are accredited by SWEDAC (Swedish Board for Technical Accreditation).

## Swedish National Food Agency

#### [Swedish Food Agency \(livsmedelsverket.se\)](http://livsmedelsverket.se)

The Swedish National Food Agency is the administrative authority for issues relating to food, including drinking water. It acts in the interests of consumers for safe, good-quality food, good practices in food handling and healthy eating habits.

### Areas of Competence/Research

- Food habits
- Public meals
- Food waste
- Food and environment
- Nutrients
- Undesirable substances
- Production and control of drinking water
- Food business legislation
- Laboratory activities and scientific support

## The Swedish Forest Agency

#### [Swedish Forest Agency - Skogsstyrelsen](#)

The Swedish Forest Agency is the national authority in charge of forest-related issues. The main function of The Swedish Forest Agency is, to promote the kind of management of Sweden's forests that enables the objectives of forest policy to be attained.



## Sweden

### The Swedish Research Council for Environment, Agricultural Sciences and Spatial Planning (FORMAS)

#### [About Formas - Formas](#)

Formas is a government research council for sustainable development. Formas funds research and innovation, develops strategies, performs analyses, and conducts evaluations. The areas of activity include the environment, agricultural sciences, and spatial planning.

#### National research programmes

##### [National research programmes - Formas](#)

Formas is responsible for four national research programmes – Climate, Sustainable Spatial Planning, Food and Oceans and Water.

- [Food](#) (research relevant for CRP): The national research programme for food is carried out within the framework of the Swedish Government's food strategy, which is intended to create more jobs and sustainable growth nationwide.

### The Research Institute of Sweden (RISE)

#### [Swedish research creating sustainable growth | RISE](#)

RISE is an independent, state-owned research institute. As an innovation partner for the entire society, we help develop technologies, products, services and processes contributing to a sustainable world and competitive industry. RISE does this in collaboration with and on behalf of the academia, private and public sectors.

#### Activities in agriculture

##### [Healthy growth with sustainable agriculture | RISE](#)

RISE holds wide-ranging expertise and works together with farmers, the agriculture sector, authorities, academia, and businesses to develop new innovative solutions for a competitive agriculture sector.

#### Services

RISE offers these services in the [agriculture area](#):

- DNA sequencing of microorganisms and microflora
- Microbiological risk assessment of product, process and production
- Measurement and reduction of methane emissions

#### Activities in food

##### [Tomorrow's food is sustainable and healthy | RISE](#)

RISE develops sustainable systems for all parts of the food chain, from farming to food waste. Through innovative technologies and processes, RISE can increase shelf-life, efficiency, and quality. RISE performs research on energy-efficient processes for the food industry, more sustainable meat production, and on new foods focusing on positive, life-long health effects, such as products made from vegetable ingredients.



## Sweden

### Services

RISE offers several services in the [food area](#):

- Challenge testing with microorganisms
- Trouble shooting microbiological deviations
- Sensory Analysis - sensory evaluation and characterisation of food products
- Sensory analysis - difference tests

### The Swedish foundation for strategic environmental research (MISTRA)

[How we work | Mistra](#)

The purpose of Mistra's research is to promote the development of strong environmental research environments, including agricultural research, forestry research and food research.

### The Swedish Farmers' Foundation for Agricultural Research (SLF)

[In English \(lantbruksforskning.se\)](#)

SLF is a Swedish organisation for funding of research and development within the agricultural industry. The goal of SLF is to strengthen the Swedish agricultural sector's competitiveness with the help of new knowledge attained through needs-driven research and development.

## Universities/Higher Education Institutes

### Swedish University of Agricultural Sciences (SLU)

[Welcome to SLU | Externwebben](#)

SLU is a world-class international university with research, education and environmental assessment within the sciences for sustainable life.

#### Faculty of Forest Sciences

[Faculty of Forest Sciences | Externwebben \(slu.se\)](#)

The Faculty of Forest Sciences (S faculty) is an important centre for higher education and research in the Swedish forest sector. International rankings show time and again that research at the faculty is world leading.

#### Unit for Field-based Forest Research

[Unit for Field-based Forest Research | Externwebben \(slu.se\)](#)

The unit is tasked with managing the faculty's experimental forests, research stations and long-term field trials, as well as providing assistance in the entire chain from establishment to measurement and data delivery.



## Sweden

### Department of Wildlife, Fish and Environmental Studies

[Department of Wildlife, Fish, and Environmental Studies | Externwebben \(slu.se\)](#)

The research is diverse and includes everything from studies on plants and animals to the complexity of whole ecosystems.

### Department of Forest Ecology and Management

[Department of Forest Ecology and Management | Externwebben \(slu.se\)](#)

The mission of this department is to advance the understanding of forest ecosystem processes and to progress the principles of forest ecosystem management.

### Department of Forest Resource Management

[Department of Forest Resource Management | Externwebben \(slu.se\)](#)

The Department is focused on multilateral cooperation combining expertise from our many research groups. This gives unique possibilities for creating holistic solutions for the sustainable use of natural resources.

### Department of Soil and Environment

[Department of Soil and Environment | Externwebben \(slu.se\)](#)

The research seeks knowledge about the interaction between man, soil, plant and the surrounding environment in forest and agricultural landscapes as well as urban environments.

### Department of Forest Biomaterials and Technology

[Department of Forest Biomaterials and Technology | Externwebben \(slu.se\)](#)

This department collaborates with both society and industry to develop a bio-based economy where forest biomaterials are an important resource.

### Department of Forest Genetics and Plant Physiology

[Department of Forest Genetics and Plant Physiology | Externwebben \(slu.se\)](#)

The main activities of the department are academic research in experimental plant biology with the major goal to understand all aspects of plants in relation to the environment in which they live.

### Southern Swedish Forest Research Centre

[Southern Swedish Forest Research Centre | Externwebben \(slu.se\)](#)

The Department provides teaching and research in forest science with a focus on management, planning, conservation, health and forest policy. The Department has an international character both in research and teaching.

### Department of Forest Economics

[Southern Swedish Forest Research Centre | Externwebben \(slu.se\)](#)

For this department natural resources in general and especially forests are central to the research.



## Sweden

### Faculty of Landscape Architecture, Horticulture and Crop Production Sciences (LTV)

[Faculty of Landscape Architecture, Horticulture and Crop Production Sciences | Externwebben \(slu.se\)](#)

At the LTV faculty, education and research are focused on landscape planning, horticulture and crop production sciences.

#### Department of Plant Breeding

[Department of Plant Breeding | Externwebben \(slu.se\)](#)

The work at this department makes significant contributions to an efficient and sustainable production of food, feed and industrial products from plants.

#### Department of Plant Protection Biology

[Department of Plant Protection Biology | Externwebben \(slu.se\)](#)

Leading-edge research at this department is conducted in Resistance Biology, Integrated Plant Protection, and Chemical Ecology to develop the understanding and sustainable use and management of biological Resources.

### Faculty of Natural Resources and Agricultural Sciences (NJ)

[Faculty of Natural Resources and Agricultural Sciences | Externwebben \(slu.se\)](#)

The NJ Faculty conducts a wide range of research, teaching and environmental monitoring and assessment in the fields of agriculture and environment.

#### Department of Crop Production Ecology

[Department of Crop Production Ecology | Externwebben \(slu.se\)](#)

The department of Crop Production Ecology contributes to the solution through research, collaboration and education in sustainable crop production. The department focus on innovative, multifunctional cropping systems for food, feed, fuel and fibre.

#### Department of Aquatic Resources (SLU Aqua)

[Department of Aquatic Resources \(SLU Aqua\) | Externwebben](#)

The research of the department is focused on fish and shellfish in the seas, lakes and rivers. We monitor the aquatic environment, developing the methods and know-how for the sustainable use of aquatic resources.

## Lund University

[Home | Lund University](#)

The unique disciplinary range of Lund university encourages boundary-crossing collaborations both within academia and with wider society, creating great conditions for scientific breakthroughs and innovations.

### Organisation covered by university relevant for CRP

[AgriFood](#) - analyses agricultural policies and related issues with the effective use of resources as a starting point. AgriFood also evaluates the consequences of events in the world at large for Swedish agriculture.



## Sweden

### Stockholm University

[Stockholm University \(su.se\)](https://www.su.se)

Stockholm University offers a wide range of education in close interaction with research. Collaboration helps make Stockholm University's expertise and results accessible and promotes quality in education and life-long learning.

#### Research relevant for CRP

##### Plant Sciences

[Plant Sciences - Stockholm University \(su.se\)](https://www.su.se/plant-science)

The plant science research covers several areas, among them life processes, ecological interactions and the evolutionary history of plants. The research is based on laboratory work as well as field work, performed for example in Sweden, in areas with a Mediterranean climate, and in the tropics.

##### Research subjects

- [Plant Physiology](#): The research in Plant Physiology is focusing on many different organisms, from marine cyanobacteria and seagrasses to terrestrial plants such as mosses, actinorhizal plants, crop plants and the model plant Arabidopsis.
- [Plant Systematics](#): This research encompasses plant diversity, phylogeny, and evolution. The research seeks explanations for species richness, character evolution and diversity distribution in time and space.

##### Marine Science

[Marine Science - Stockholm University \(su.se\)](https://www.su.se/marine-science)

The plant marine research covers several areas, including fisheries, biodiversity, ecosystem services, nutrients and eutrophication, research in open Baltic Sea and in catchment area of Baltic Sea

##### Research subjects

- [Fisheries – Interactions with the Ecosystem](#)
- [Nutrients and Eutrophication](#)
- [Food Webs and Fisheries](#)
- [Biodiversity, Ecosystem Services and Marine Reserves](#)

### Karlstad University

[Welcome to Karlstad University \(kau.se\)](https://www.kau.se)

Research and education are of a high academic standard and hold great significance for society. A good, inclusive work environment strengthens the university. The university is characterised by its openness to the local community as well as the close connection between research and teaching.

#### Research subjects in Natural sciences, technology and environment

- [Environmental and energy systems](#)
- [Packaging for sustainable development](#)
- [River ecology and management research group](#)



## Sweden

### University of Gothenburg

[About the University | University of Gothenburg \(gu.se\)](#)

The University of Gothenburg meets societal challenges with a wide range of knowledge. Strong research and appealing study programmes attract scientists and students from around the world.

#### Relevant for CRP

- [Department of Food and Nutrition and Sport Science](#): Central themes within Food and Nutrition include eating habits, meals, the significance of food in relation to public health, as well as leadership and organisation in restaurants and institutional households.
- [Gothenburg Centre for Sustainable Development \(GMV\)](#): GMV create meeting places and bring together different types of expertise in order to promote sustainable development within research, education and cooperation.
- [Swedish Institute for the Marine Environment](#): The Institute is a national academic node for interdisciplinary analysis and synthesis assisting marine environmental governance.

### Linnaeus University

[A modern university in Småland in southern Sweden | Inu.se](#)

Research at Linnaeus University is of high quality, nationally as well as internationally, and covers a wide range of disciplines. Particularly prominent is the research carried out within our cutting-edge research environments – our Linnaeus University Centres.

#### Relevant for CRP

- [The Bridge](#): The Bridge is a unique long-term and strategic investment in research and education with a focus on forestry, innovation and sustainability.
- [Food Web Ecology](#): University carry out research in aquatic ecology studying food web transfer of micronutrients as well as adaptations among organisms to climate change and exposure to ultraviolet radiation.
- [Food Science](#): This research is oriented towards food and nutritional sciences and their focus is on food quality and product development of new healthy food.
- [Marine phytoplankton ecology and applications \(MPEA\)](#): This research is aimed at phytoplankton and studies the role of bio- and chemical interactions among marine microbes in shaping plankton food webs
- [Fish Ecology](#): Researchers aim to build knowledge on coastal fish populations in terms of ecology, interactions between fish and other components of the food web and migration of fish between the Baltic Sea and freshwater environments such as streams and rivers.
- [Group of Forest Products \(GoFP\)](#): The goal of the Group of Forest Products is to provide new knowledge and solutions that will lead to a more sustainable utilisation of raw materials from forests. They do research on functional and environmentally friendly-engineered materials and products for furniture and construction.
- [Forestry and Wood](#): In the Forestry and Wood field of research they are engaged in the entire chain, from forest to finished product, and with the development of new wood products for construction and furniture.
- [Forestry, Wood and Building Technologies](#): Within this research is the objective to create more intelligent decision support systems for the wood industry by using Big Data, for example.





## Sweden

### Other Organisations/Institutes

#### Lantmännen

[About us | Lantmännen \(lantmannen.com\)](http://lantmannen.com)

Lantmännen is an agricultural cooperative and Northern Europe's leader in agriculture, machinery, bioenergy and food products. Owned by 19,000 Swedish farmers, having 10,000 employees and operating in over 20 countries.

#### Sectors relevant for CRP

- [Agriculture Sector](#): The Agriculture Sector constitutes Lantmännen's core business and offers products and services to promote strong and competitive farming.
- [Food Sector](#): The Food Sector develops, processes and markets several food products

#### Federation of Swedish Farmers (LRF)

[About LRF - LRF](#)

LRF – is an interest and business organisation for the green industry with approximately 140 000 individual members. Together LRF represents some 70 000 enterprises, which makes LRF the largest organisation for small enterprises in Sweden.

#### LRF's activities relevant for CRP

- [Agricultural policy](#): LRF's work in the agricultural policy area is aimed at developing the political conditions (internationally, nationally and regionally)
- [Food and cuisine](#): LRF is seeking to raise interest in Swedish produce, highlighting the pleasure of good food and the well-being and enjoyment it offers.
- [International co-operation](#): LRF plays an active role in organizations such as the World Farmers' Organization (WFO) and the Food and Agriculture Organization of the United Nations (FAO).
- [Research](#): the LRF Agricultural Research Foundation ([SLF](#)) was established to support and influence research in the farming sector.

#### Ekhagastiftelsen

[Ekhagastiftelsen](#)

Ekhagastiftelsen is a foundation that supports scientific research in organic agriculture and complementary and biological medicine.

#### The Nordic Genetic Resource Center (NordGen)

[Our work - NordGen](#)

NordGen is the joint gene bank and knowledge centre for genetic resources in the Nordic countries. Their mission is to conserve and promote the sustainable use of genetic diversity among animals, forests and plants that are important for Nordic agriculture and forestry.



## Sweden

### NordGen Forest

#### [NordGen Forest - NordGen](#)

NordGen Forest is a meeting place that gathers researchers, breeders, managers and others who work within the forest sector. Through thematic days, conferences, meetings and seminars, we bring together the Nordic forest actors and enable better cooperation in the forest sector.

### NordGen Plants

#### [NordGen Plants - NordGen](#)

NordGen's mission is to conserve and promote the sustainable use of genetic diversity of Nordic farm animals, forests and plants that are important for our food production.

### The Genebank

NordGen's mission is to safeguard seeds for future food production. The gene bank contains about 33.000 seed samples from 536 different plant species.

## The Royal Swedish Agricultural Academy (KSLA)

#### [Kungl. Skogs- och Lantbruksakademien \(ksla.se\)](http://ksla.se)

The Royal Swedish Academy of Agriculture and Forestry is a free and independent organization that works with issues of agriculture, horticulture, food, forest and forest products, fishing and aquaculture, the environment and natural resources.

## The Swedish International Agriculture Network Initiative (SIANI)

#### [SIANI | We connect and communicate for a more food secure future.](#)

SIANI is an open and inclusive network that supports and promotes multisector dialogue and action around our vision of sustainable agriculture for food security, improving nutrition and the eradication of hunger.

### Expert groups relevant for CRP

[Agripreneurship Alliance](#) - The expert group with expertise from non-profit, university, and business sectors, provides an educational course that supports young agripreneurs across Africa to develop their business ideas.

[Hidden in Grains](#) - This Expert Group works to raise awareness and build capacity for hydrothermal processing of whole grains to reduce hidden hunger in Kenya.

[Wild foods, biodiversity and livelihoods](#) - This Expert Group works to consolidate the traditional ecological knowledge about wild foods in Asia and link it with the policy arenas relevant to food security, poverty reduction and sustainable forest management.

[Small-scale farmers and biodiversity in Nepal](#) - Drawing on and contributing to ongoing policy processes in Nepal this expert group strengthens collaboration and raises awareness of the importance of small-scale farmers and agricultural biodiversity for achieving the 2030 Agenda, focusing in particular on nutrition and climate resilience.



## Sweden

### Södra

[Södra är Sveriges största skogsägarförening. \(sodra.com\)](http://sodra.com)

Södra is a forest industry group that processes the 52 000 owners' forest raw materials into renewable, climate-smart products that are exported to an international market.

### WWOOF

[Live and Learn on Organic Farms - WWOOF Sweden](#)

WWOOF Sweden is part of a worldwide effort to link visitors with organic farmers, promote an educational exchange, and build a global community conscious of ecological farming practices.

### Nordregio

[About Nordregio | Nordregio](#)

Nordregio is recognised and respected as a leading Nordic research institute within the broad research fields of regional development, policy and planning.