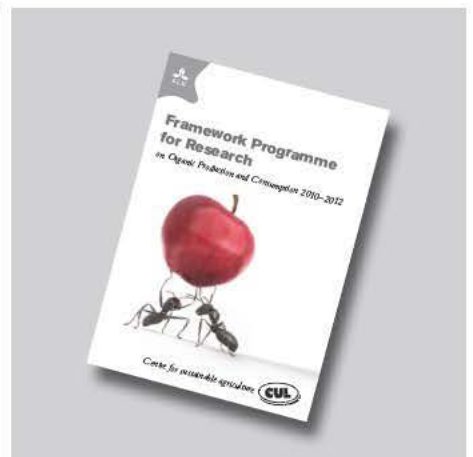


# SWEDISH RESEARCH on ORGANIC FARMING



# Introduction

Swedish research on organic farming is to a large extent funded by research funders that have directed calls for research on organic food systems. These funders are the research council Formas, the Swedish Board of Agriculture and SLU EkoForsk at the Swedish University of Agricultural Sciences. Furthermore, the Swedish Farmers' Foundation for Agricultural Research is funding research and development relevant for organic farming.

In this publication the latest of the funded research projects are listed. From SLU EkoForsk and Formas the two latest calls are listed. The Swedish Board of Agriculture does not have calls for longer periods. Projects that were granted funds 2010 and 2011 are listed here.

Present and recent research activities cover a wide range of topics. Animal health and welfare issues especially in organic pig and poultry production systems are high research priorities. Another important task is to optimise production and improve cultivation stability of protein

feed crops, and also to find new feed protein sources. The potential for effective production based on high quality forage is one central research topic in dairy production.

Effective weed control, both direct weed regulation and preventive measures, not the least of perennial weed species is another research focus. Pest and disease control with biological and preventive methods is a strong research area. The potential for conservation biological control to decrease pests and diseases is of high interest together with related research on effects of organic farming on biological diversity and ecosystem services on landscape level. A number of research projects are conducted on how to achieve high nutrient use efficiency of organic fertilisers, manure as well as a wide range of rest-products from society. Timing of fertiliser nutrient release in relation to crop nutrient needs to avoid environmental harmful emissions is one challenge.

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## Framework Programmes for Research on Organic Production and Consumption

To facilitate the priorities of the funding bodies, triennial framework programmes are jointly developed by researchers, industry and the funding bodies. The programmes also aim to guide and inspire researchers. The current framework programme is operating during 2010–2012. EPOK will coordinate the process of compiling the next framework programme.

**EPOK** – Centre for Organic Food and Farming at The Swedish University of Agricultural Sciences (SLU) is cooperative body between researchers and other parties within the field of organic farming and food chain. EPOK coordinates and initiates research covering a wide range of research topics with relevance for organic farming.

Publisher: EPOK – Centre for organic food and farming at The Swedish University of Agricultural Sciences (SLU), June 2011. [www.slu.se/epok](http://www.slu.se/epok)

Photo: Pages 1, 5, 7, 9, 10, 11 Istockphoto.com, pages 4 and 14 Pelle Fredriksson.

Editing and lay-out: Pelle Fredriksson, EPOK at SLU



# Funders

## **SLU EkoForsk**

The Swedish University of Agricultural Sciences (SLU) coordinates a programme for research projects within organic agriculture and horticulture called SLU EkoForsk.

The aim is to improve the knowledge base for the development of crop cultivation, animal husbandry and the production of fruit, berries and vegetables. Projects should contribute to the development of a sustainable production in terms of environmental concerns, animal welfare, resource management, income level and productivity.

EkoForsk funded 68 projects from 2002–2013

Funding: 7 million SEK per year

## **Formas**

In the Formas programme for organic production research may cover different parts of the food chain from primary production in agriculture and horticulture to the processing and marketing of organic food.

Research to develop organic production can be current in all disciplines. It may preferably be of an interdisciplinary nature and span several disciplines. The research Formas finances should be relevant to industry practice related to organic production.

Formas funded 26 projects from 2007–2012

Funding: 23 million SEK per year from 2010–2012 (of which 5 million SEK per year goes to Core Organic II)

## **The Swedish Board of Agriculture**

The Swedish Board of Agriculture funds trials and development projects aiming at strengthen applied knowledge in animal health, animal husbandry, horticulture and crop management within organic agriculture.

The Swedish Board of Agriculture funded 26 projects for 2010 and 2011.

Funding: 9 million SEK for 2010 and 4,5 million SEK for 2011

## **CORE Organic**

CORE Organic II is a European transnational research cooperation project part of the ERANET Scheme, supported by the European Commission. This project runs for three years, 2010–2013 and is coordinated by The International Centre for Research in Organic Food Systems (ICROFS). The first CORE Organic project was 2007–2010. Formas is the Swedish partner in CORE Organic.

The aim of CORE Organic is to enhance the quality, relevance and utilisation of resources in European research in organic food and farming through coordination and collaboration.

# Projects

## SLU EkoForsk 2011–2013

*Ecology and plant protection of organic cropping systems, turnover and recycling of plant nutrients*

### **Apple production – protection against storage diseases**

Grant (SEK): 1 370 100

Hilde Nybom, Plant Breeding and Biotechnology, Hilde.Nybom@slu.se

### **Cereal cultivars – locally adapted for quality in production and product**

Grant (SEK): 1 690 000

Eva Johansson, Agriculture – Farming systems, Technology and Product quality, Eva.Johansson@slu.se



### **Clover seed production – development of odor-based strategies to control seed-eating weevils**

Grant (SEK): 1 490 000

Åsa Lankinen, Plant Protection Biology, Asa.Lankinen@slu.se

### **Couch grass – optimal timing of stubble cultivation and cutting of a grass/clover catch crop**

Grant (SEK): 822 000

Lars Andersson, Crop Production Ecology, Lars.Andersson@slu.se

### **Faba bean – yield stability in varietal mixtures**

Grant (SEK): 1 000 000

Georg Carlsson, Agriculture – Farming systems, Technology and Product quality, Georg.Carlsson@slu.se

### **Northern Highbush Blueberries – Organic Production Systems**

Grant (SEK): 1 474 000

Håkan Asp, Horticulture, Hakan.Asp@slu.se

### **Tomato Production – Balanced Fertilisation**

Grant (SEK): 1 200 000

Birgitta Båth, Department of Crop Production Ecology, Birgitta.Bath@slu.se

### **Vegetables – improved weed control effect through prolonged germination period combined with false seedbed and delayed sowing**

Grant (SEK): 2 070 000

David Hansson, Agriculture – Farming Systems, Technology and Product Quality, David.Hansson@slu.se

### **The weed mower - mowing of *Cirsium arvense* and *Tripleurospermum inodorum* in winter wheat and leys for seed production**

Grant (SEK): 1 498 400

Anneli Lundkvist, Crop Production Ecology, Anneli.Lundkvist@slu.se

*Optimization of animal production systems*

**Erysipelas – why are organic laying hen flocks affected**

Grant (SEK): 140 000

Claes Fellström, Clinical Sciences,  
Claes.Fellstrom@slu.se

**Milk from cereals and high quality herbage only**

Grant (SEK): 754 000

Eva Spörndly, Animal Nutrition and Management, Eva.Sporndly@slu.se

**Milk production – optimization of protein feeding in relation to economy and environment**

Grant (SEK): 2 625 000

Pekka Huhtanen, Agricultural Research for Northern Sweden, Pekka.Huhtanen@slu.se

**Mussel meal fed to slow- and fast growing broilers**

Grant (SEK): 752 400

Lotta Jönsson, Animal Nutrition and Management, Lotta.Jonsson@slu.se

**Pig production – does leg health in growing finishing pigs improve by change of sire breed?**

Grant (SEK): 1 137 000

Anna Wallenbeck, Animal Breeding and Genetics, Anna.Wallenbeck@slu.se

**Roundworm infection – pathways on organic laying hen farms**

Grant (SEK): 1 094 000

Johan Höglund, Biomedical Sciences and Veterinary Public Health, Johan.Hoglund@slu.se



**SLU EkoForsk 2008–2010**

*Ecology and plant protection of organic cropping systems, turnover and recycling of plant nutrients*

**Biological control – utilization selective biodiversity and targeted crop rotation**

Grant (SEK): 330 000

Birgitta Rämert, Plant Protection Biology, Birgitta.Ramert@slu.se

**Oilseed rape – nitrogen management strategies**

Grant (SEK): 1 758 463

Maria Stenberg, Soil Sciences, Maria.Stenberg@slu.se

**Oilseed radish and mustard – disease saniters with great potential**

Grant (SEK): 1 921 200

Paula Persson, Crop Production Ecology, Paula.Persson@slu.se

**Orchards – new weed control methods**

Grant (SEK): 1 649 000

David Hansson, Agriculture – Farming systems,  
Technology and Product quality,

David.Hansson@slu.se

**Organic apples – improving quality and storability**

Grant (SEK): 762 100

Ibrahim Tahir, Plant breeding and Biotechnology,  
Ibrahim.Tahir@slu.se

**Peas – effects of *Brassica* intercrops**

Grant (SEK): 2 511 000

Kerstin Berglund, Soil Sciences,  
Kerstin.Berglund@slu.se

**Potato production – faster emergence and earlier tuber development**

Grant (SEK): 1 622 000

Jannie Hagman, Crop Production Ecology,  
Jannie.Hagman@slu.se

**Thistle mower – an evaluation of a vegetation cutter**

Grant (SEK): 1 094 500

Anneli Lundkvist, Crop Production Ecology,  
Anneli.Lundkvist@slu.se

**Tomatoes – nitrogen and phosphorous availability**

Grant (SEK): 1 390 000

Birgitta Båth, Crop Production Ecology,  
Birgitta.Bath@slu.se

**Tussilago farfara – weed management**

Grant (SEK): 1 133 000

Lars Andersson, Crop Production Ecology,  
Lars.Andersson@slu.se

*Optimization of animal production systems***Finishing pigs – lower nitrogen losses and improved hygiene of the outside concrete area**

Grant (SEK): 1 245 700

Jos Botermans, Rural Buildings and Animal Husbandry,  
Jozef.Botermans@slu.se

**Dairy and beef – improved nutritional value in forage**

Grant (SEK): 1 800 000

Rolf Spörndly, Department of Animal Nutrition and Management,  
Rolf.Sporndly@slu.se

**Ley seed production – development by participatory learning**

Grant (SEK): 799 000

Johanna Björklund, Urban and Rural Development,  
Johanna.Bjorklund@slu.se

**Maize – weed management**

Grant (SEK): 1 985 420

Ewa Magnuski, Crop Production Ecology,  
Ewa.Magnuski@slu.se

**Milk production based on herbage and cereal feeding – effects on milk and methane production**

Grant (SEK): 1 240 000

Eva Spörndly, Animal Nutrition and Management,  
Eva.Sporndly@slu.se

**White and red clover seed – increased biodiversity improves pollination**

Grant (SEK): 1 662 000

Lars Andersson, Crop Production Ecology,  
Lars.Andersson@slu.se

## **Formas: Organic Production 2010–2012**

**Effects of land use change on multifunctionality in agroecosystems: Biodiversity and ecosystem services after transition to organic production**

Grant (SEK): 9 486 000

Jan Bengtsson, Swedish University of Agricultural Sciences, Ecology, Jan.Bengtsson@slu.se

**Actor Based Life Cycle Assessment – towards green food chains for eco-products**

Grant (SEK): 2 532 000

Birgit Brunklaus, Chalmers University of Technology, Energy and Environment, birgitb@chalmers.se

**Effects of fertilisation through nutrient recycling on soil biological functions and plant nutrient uptake and growth in organic crop production**

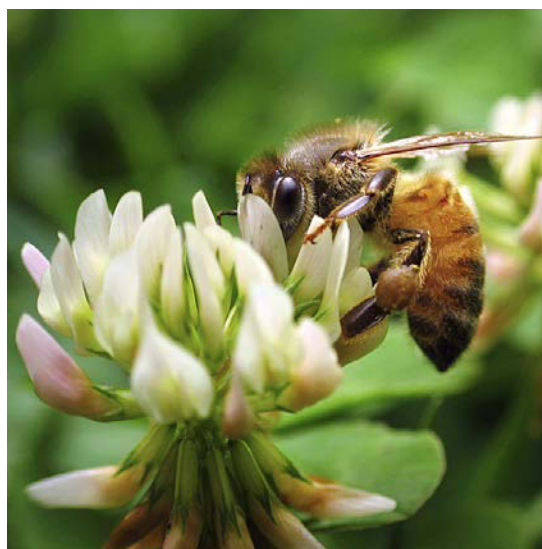
Grant (SEK): 3 602 000

Sigrun Dahlin, Swedish University of Agricultural Sciences, Soil and Environment, Sigrun.Dahlin@slu.se

**Risk factors responsible for development of leg weakness in pigs housed in outdoor organic systems. Studies aimed at clarifying the pathogenesis behind the joint lesions, and find preventive tools**

Grant (SEK): 2 852 000

Stina Ekman, Swedish University of Agricultural Sciences, Biomedical Sciences and Veterinary Public Health, Stina.Ekman@slu.se



**Viral infections in organic dairy herds – risks, biosecurity and resiliency**

Grant (SEK): 3 150 000

Nils Fall, Swedish University of Agricultural Sciences, Clinical Sciences, Nils.Fall@slu.se

**FISHWELFARE – Identification of key aspects for ecologically sustainable fish aquaculture under Swedish conditions**

Grant (SEK): 905 000

Björn Frostell, KTH Royal Institute of Technology, Industrial Ecology, Frostell@kth.se

**The importance of natural enemy diversity and food-web structure for biological control at organic and conventional farms**

Grant (SEK): 4 264 000

Mattias Jonsson, Swedish University of Agricultural Sciences, Ecology, Mattias.Jonsson@slu.se

**Reproduction: the bottleneck in organic pig production – is there a biological management solution?**

Grant (SEK): 3 336 000

Ulf Magnusson, Swedish University of Agricultural Sciences, Clinical Sciences,  
Ulf.Magnusson@slu.se

**Cereal leaf microflora in different agricultural production systems – implication for biological control of *Fusarium***

Grant (SEK): 3 765 000

Paula Persson, Swedish University of Agricultural Sciences, Crop Production Ecology,  
Paula.Persson@slu.se

**Development of pest management strategies in organic apple production in collaboration with farmers utilizing complementary biological control strategies**

Grant (SEK): 6 190 000

Birgitta Rämert, Swedish University of Agricultural Sciences, Crop Production Ecology,  
Birgitta.Ramert@slu.se

**The role of *Paenibacillus polymyxa* biofilm formation in protection of nursery plantlets against *Pythium* root rot**

Grant (SEK): 1 853 000

Salme Timmusk, Swedish University of Agricultural Sciences, Forest Mycology and Plant Pathology,  
Salme.Timmusk@slu.se

**Breeding strategies for organic animal husbandry**

Grant (SEK): 2 605 000

Anna Wallenbeck, Swedish University of Agricultural Sciences, Animals Breeding and Genetics,  
Anna.Wallenbeck@slu.se

**Sustainable livestock management with respect to animal transports and production systems: animal welfare and spread of disease**

Grant (SEK): 3 313 000

Uno Wennergren, Linköping University, Physics, Chemistry and Biology,  
unwen@ifm.liu.se

**Formas: Organic Production 2007–2009**

**Dormancy in reproductive vegetative buds in creeping perennials dominating the agricultural weed flora in Scandinavia**

Grant (SEK): 3 301 000

Lars Andersson, Swedish University of Agricultural Sciences, Crop Production Ecology,  
Lars.Andersson@slu.se

**Biodiversity and ecosystem services after transitions to organic production**

Grant (SEK): 4 575 000

Jan Bengtsson, Swedish University of Agricultural Sciences, Ecology,  
Jan.Bengtsson@slu.se

**Pollination and pest control in organic clover seed production – effect of field and landscape diversification**

Grant (SEK): 2 925 000

Riccardo Bommarco, Swedish University of Agricultural Sciences, Ecology,  
Riccardo.Bommarco@slu.se

**Predation rate and prey choice by generalist predators on organic farms**

Grant (SEK): 2 321 000

Barbara Ekbom, Swedish University of Agricultural Sciences, Ecology,  
Barbara.Ekbom@slu.se



**Exploiting soil microbial activity to enhance nutrient acquisition and sustainable pathogen control**

Grant (SEK): 2 574 000

Roger Finlay, Swedish University of Agricultural Sciences, Forest Mycology and Plant Pathology, Roger.Finlay@slu.se

**The green farm – an organic farm self-supplying with energy from renewable sources**

Grant (SEK): 3 030 000

Per-Anders Hansson, Swedish University of Agricultural Sciences, Energy and Technology, Per-Anders.Hansson@slu.se

**Phosphorus feeding in organic dairy production**

Grant (SEK): 708 000

Kjell Holtenius, Swedish University of Agricultural Sciences, Animal Nutrition and Management, Kjell.Holtenius@slu.se

**Cropping systems in Organic Vegetable Production: The Behavioural and Chemical Basis of Ecological Processes in *Brassica* Crops**

Grant (SEK): 4 045 000

Richard Hopkins, Swedish University of Agricultural Sciences, Ecology, Richard.Hopkins@slu.se

**Endophytic fungi in forage grasses**

Grant (SEK): 2 310 000

Kerstin Huss-Danell, Swedish University of Agricultural Sciences, Agricultural Research for Northern Sweden, Kerstin.Huss-Danell@slu.se

**Parasite Management in Organic Cattle**

Grant (SEK): 3 474 000

Johan Höglund, Swedish University of Agricultural Sciences, Biomedical Sciences and Veterinary Public Health, Johan.Hoglund@slu.se

**Supplying organic farming with plant nutrients – resource and environmental aspects in a life cycle perspective**

Grant (SEK): 3 405 000

Håkan Jönsson, Swedish University of Agricultural Sciences, Energy and Technology, Hakan.Jonsson@slu.se

**Biological Pest Management in Oilseed Rape for Organic Oil Production**

Grant (SEK): 6 245 000

Johan Meijer, Swedish University of Agricultural Sciences, Plant Biology & Forest Genetics, Johan.Meijer@slu.se

**Utilization of synergies between enhanced biological control through selective biodiversity and targeted crop rotation**

Grant (SEK): 3 890 000

Birgitta Rämert, Swedish University of Agricultural Sciences, Crop Production Ecology, Birgitta.Ramert@slu.se

**The role of *Paenibacillus polymyxa* biofilm formation in protection of nursery plantlets against *Pythium* root rot**

Grant (SEK): 1 853 000

Salme Timmusk, Swedish University of Agricultural Sciences, Forest Mycology and Plant Pathology, Salme.Timmusk@slu.se

**Hempseed (*Cannabis sativa*) as a nutritional resource in organic poultry production**

Grant (SEK): 1 750 000

Helena Wall, Swedish University of Agricultural Sciences, Animal Nutrition and Management, Helena.Wall@slu.se

**Micronutrient management strategies in organic systems: How to utilize local and site specific resources for sustainable crop and animal production of high quality products?**

Grant (SEK): 7 995 000

Ingrid Öborn, Swedish University of Agricultural Sciences, Soil Science, Ingrid.Oborn@slu.se

**The Swedish Board of Agriculture: Increased organic production – including improved animal health 2011**

*(project titles are translated by editor, not confirmed by project leader)*

*Animal husbandry*

**Organic milk – participatory research to investigate the impact of feeding programmes on the quality of organically produced milk**

Grant (SEK): 270 150

Ritha Jonsson, The County Administrative Board of Västernorrland, Ritha.Johnsson@lansstyrelsen.se

*Horticulture*

**Organic vegetables – weeding strategies before plant emergence and in early stages of development**

Grant (SEK): 546 000

David Hansson, Swedish University of Agricultural Sciences, Agrosystems, David.Hansson@slu.se





**Organic cultivation of raspberries and blackberries in tunnel**

Grant (SEK): 300 000

Birgitta Svensson, Swedish University of Agricultural Sciences, Horticulture,  
Birgitta.Svensson@slu.se

**Slug control in organic production of vegetables and berries**

Grant (SEK): 280 000

Birgitta Svensson, Swedish University of Agricultural Sciences, Horticulture,  
Birgitta.Svensson@slu.se

*Crop production*

**Trials with environmentally conscious and sustainable farming systems in agricultural, vegetable and energy crops 2006–2012**

Grant (SEK): 689 000

Ingemar Larsson, Swedish Rural Economy and Agricultural Societies,  
Ingemar.Larsson@hushallningssallskapet.se

**Control of Creeping Thistle (*Cirsium arvense*) in organic farming**

Grant (SEK): 219 898

Per Ståhl, Swedish Rural Economy and Agricultural Societies Advice Agri AB,  
Per.Stahl@hushallningssallskapet.se

**Biological control of soil-borne diseases in potatoes – increased shell quality and harvest**

Grant (SEK): 674 790

Sadhna Alström, Swedish University of Agricultural Sciences, Forest Mycology and Plant Pathology, Sadhna.Alstrom@slu.se

**Safer grain legume production at mature harvest in organic farming**

Grant (SEK): 337 634

Åsa Käck, Swedish Rural Economy and Agricultural Societies,  
Asa.Kack@hushallningssallskapet.se

**Effect of boron fertilization on yield of red and white clover seed in organic production**

Grant (SEK): 573 626

Eva Stoltz, Swedish Rural Economy and Agricultural Societies,  
Eva.Stoltz@hushallningssallskapet.se

**Organic variety testing of forage grasses**

Grant (SEK): 368 100

Magnus A. Halling, Swedish University of Agricultural Sciences, Crop Production Ecology,  
Magnus.Halling@slu.se

**Establishment of organic grass seed in the fall in winter wheat**

Grant (SEK): 233 581

Per Ståhl, Swedish Rural Economy and Agricultural Societies Advice Agri AB, Per.Stahl@hushallningsallskapet.se

**Importance of nurse crop for crop and weed populations in first year ley with organic grass seed**

Grant (SEK): 60 000

Henrik Strindberg, Sveriges Frö- och Oljeväxtodlare (SFO)

**Plant nutrient supply in ley seed**

Grant (SEK): 193 428

Åsa Käck, Swedish Rural Economy and Agricultural Societies, Asa.Kack@hushallningsallskapet.se

**The Swedish Board of Agriculture: Increased organic production - including improved animal health 2010**

*(project titles are translated by editor, not confirmed by project leader)*

*Animal husbandry*

**Mapping of *Ascaridia galli* at Swedish poultry farms**

Grant (SEK): 275 000

Johan Höglund, Swedish University of Agricultural Sciences, Biomedical Sciences and Veterinary Public Health, Johan.Hoglund@slu.se

**Automatic fastening for cattle – evaluation of full-scale prototype**

Grant (SEK): 350 000

Kristina Lindgren, JTI – Swedish Institute of Agricultural and Environmental Engineering, Kristina.Lindgren@jti.se

**Organic milk – participatory research to investigate the impact of feeding programmes on the quality of organically produced milk**

Grant (SEK): 269 000

Ritha Jonsson, The County Administrative Board of Västernorrland, Ritha.Johnsson@lansstyrelsen.se

**Vitamins in organically grown ley leguminous plants and grasses**

Grant (SEK): 100 000

Elisabet Nadeau, Swedish University of Agricultural Sciences, Animal Environment and Health, Elisabet.Nadeau@slu.se

**New crops for 100 % organic feeding of fattening pigs**

Grant (SEK): 385 000

Anne-Charlotte Olsson, Swedish University of Agricultural Sciences, Rural Buildings and Animal Husbandry, Anne-Charlotte.Olsson@slu.se

**100 percent organic poultry feedstuff**

Grant (SEK): 615 000

Helena Wall, Swedish University of Agricultural Sciences, Animal Nutrition and Management, Helena.Wall@slu.se

**100 percent organic fodder to poultry, primary products for proteins and animal welfare**

Grant (SEK): 400 000

Åsa Odelros, Åsa Odelros AB

*Horticulture*

**Slug control in organic production of vegetables and berries**

Grant (SEK): 170 000

Birgitta Svensson, Swedish University of Agricultural Sciences, Horticulture,  
Birgitta.Svensson@slu.se

**Impact from various crops on the presence of root knot nematode (*Meloidogyne hapla*) and other non-colony-forming nematodes in organic crop rotation with carrots**

Grant (SEK): 234 000

Marie-Louise Albertson Juhlin, Swedish Rural Economy and Agricultural Societies,  
Marie-Louise.Juhlin@hushallningssallskapet.se

**Organic vegetables – weeding strategies before plant emergence and in early stages of development**

Grant (SEK): 524 000

David Hansson, Swedish University of Agricultural Sciences, Agrosystems,  
David.Hansson@slu.se

**Organic cultivation of raspberries and blackberries in tunnel**

Grant (SEK): 300 000

Birgitta Svensson, Swedish University of Agricultural Sciences, Horticulture,  
Birgitta.Svensson@slu.se

**Blackcurrants for organic production**

Kimmo Rumpunen, Swedish University of Agricultural Sciences, Horticulture,  
Kimmo.Rumpunen@slu.se

*Crop production*

**Trials with environmentally conscious and sustainable farming systems in agricultural, vegetable and energy crops 2006–2012**

Grant (SEK): 683 000

Ingemar Larsson, Swedish Rural Economy and Agricultural Societies,  
Ingemar.Larsson@hushallningssallskapet.se

**Exploration of optimal strategies for organic corn cropping for dairy farms**

Grant (SEK): 296 000

Hermann Leggedör, Swedish Rural Economy and Agricultural Societies Advice Agri AB,  
Hermann.Leggedor@hushallningssallskapet.se

**Control of Creeping Thistle (*Cirsium arvense*) in organic farming**

Grant (SEK): 190 000

Per Ståhl, Swedish Rural Economy and Agricultural Societies Advice Agri AB,  
Per.Stahl@hushallningssallskapet.se

**Biological control of soil-borne diseases in potatoes – increased shell quality and harvest**

Grant (SEK): 694 000

Sadhna Alström, Swedish University of Agricultural Sciences, Forest Mycology and Plant Pathology, Sadhna.Alstrom@slu.se

**Safer grain legume production at mature harvest in organic farming**

Grant (SEK): 788 000

Åsa Käck, Swedish Rural Economy and Agricultural Societies,  
Asa.Kack@hushallningssallskapet.se

**Allelopathic catch crops**

**– effect on pathogens and weed**

Paula Persson, Swedish University of Agricultural Sciences, Crop Production Ecology,  
Paula.Persson@slu.se

**Effect of boron fertilization on yield of red and white clover seed in organic production**

Grant (SEK): 611 000

Eva Stoltz, Swedish Rural Economy and Agricultural Societies,  
Eva.Stoltz@hushallningssallskapet.se

**Organic variety testing of forage grasses**

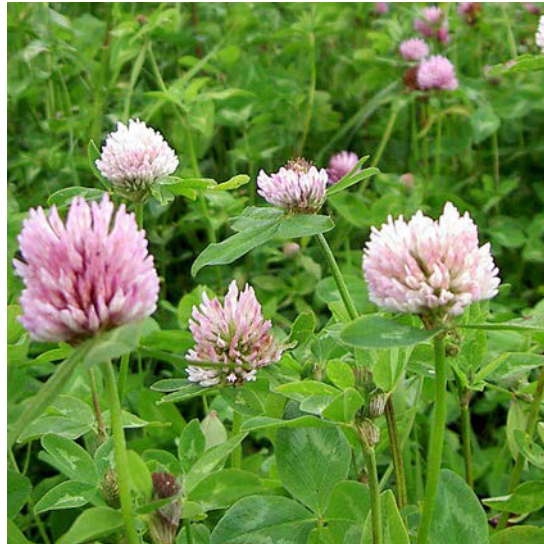
Grant (SEK): 360 000

Magnus A. Halling, Swedish University of Agricultural Sciences, Crop Production Ecology,  
Magnus.Halling@slu.se

**Establishment of organic grass seed in the fall in winter wheat**

Grant (SEK): 192 000

Per Ståhl, Swedish Rural Economy and Agricultural Societies Advice Agri AB,  
Per.Stahl@hushallningssallskapet.se



**Plant nutrient supply in ley seed**

Grant (SEK): 445 000

Åsa Käck, Swedish Rural Economy and Agricultural Societies,  
Asa.Kack@hushallningssallskapet.se

**Importance of nurse crop for crop and weed populations in first year ley with organic grass seed**

Grant (SEK): 50 000

Johan Biärsjö, Sveriges Frö- och Oljeväxtodlare (SFO)

**Core Organic II, 2010–2013  
– Projects with Swedish  
Researchers**

**Softpest multitrapp: Management of strawberry blossom weevil and European tarnished plant bug in organic strawberry and raspberry using semiochemical traps**

Research Director PhD Atle Wibe, Bioforsk – Organic Food and Farming Division, Norway

**HealthyHens: Promoting good health and welfare in European organic laying hens**

Head of department Prof. Dr. Ute Knierim, Department of Farm Animal Behaviour and Husbandry, Faculty of Organic Agricultural Sciences, University of Kassel, Germany

**ICOPP: Improved contribution of local feed to support 100 % organic feed supply to pigs and poultry**

Head of research unit John E. Hermansen, Dep. of Agroecology and Environment, Faculty of Agricultural Sciences, University of Aarhus, Denmark

**SafeOrganic: Restrictive use of antibiotics in organic animal farming – a potential for safer, high quality products with less antibiotic resistant bacteria**

PhD, Research Leader Søren Aabo, Technical University of Denmark, National Food Institute, Denmark

**Core Organic I, 2007–2010  
– Projects with Swedish  
Researchers**

**COREPIG: A tool to prevent diseases and parasites in organic pig herds**

Tine Rousing Nielsen, University of Aarhus, Faculty of Agricultural Sciences, Dept. of Animal Health, Welfare and Nutrition

**PHYTOMILK: What makes organic milk healthy?**

Anne-Maj Gustavsson, Swedish University of Agricultural Sciences, Research for Northern Sweden

**PathOrganic: Assessing and reducing risks of pathogen contamination in vegetables**

Doz. Dr. Angela Sessitsch, AIT Austrian Institute of Technology GmbH, Bioresources Unit

