

A close-up photograph of a brown chicken with a prominent red comb, standing in a field of green grass. The chicken is facing right, and its feathers are detailed. The background is a soft-focus green field.

# RESEARCH IN ORGANIC FOOD

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From genes to consumers



AARHUS  
UNIVERSITY

DEPARTMENT OF FOOD SCIENCE



The research within organic foods at the Department of Food Science takes place in many stages of the production chain. The combination of scientists and the facilities makes this department a key supplier of knowledge regarding organic foods – nationally and internationally.

The scientists possess many years of experience within research of the production and quality of vegetables, fruits, berries, cereals, medicinal plants, meat, milk and eggs. Research is carried out in close collaboration with organic producers and the industry, and the results create a platform for the development of new products and production methods.

Interdisciplinarity is a trade mark of the research. The contact between scientists and their collaboration partners during the various stages of the production chain gives an overall integration of aspects of economic and environmental sustainability and human health.

### ORGANIC RESEARCH IN THE ENTIRE CHAIN OF PRODUCTION



### RESEARCH FACILITIES

The facilities include an organic research area of 20 ha for vegetables and orchards with various fruits and berries as well as specialized equipment for irrigation, organic fertilization, pest control, facilities to cultivate in tunnels plus analytical equipment, for example minirhizotrons for root studies. Besides that also test facilities for storage and packing of fresh fruit and vegetables are available.

Laboratory facilities count various state-of-the-art analytical equipment for example for color and texture analysis, mass spectrometry for profilings and identifications of biomolecules, in vitro laboratories, dairy pilot plant, low-field and high-field NMR and sensory science facilities.

### CONTACT

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