

NIBIO, Norwegian Institute of

Bioeconomy Research

**Curriculum vitae**

Håvard Eikemo

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Degrees:

• 1998: Cand Scient at the Agricultural University of Norway

• 2002: Dr. Scient at the Agricultural University of Norway, Department of Horticulture and

Crop Science.

Career:

• 1998-2002: Doctoral student, Agricultural University of Norway, Department of

Horticulture and Crop Science. On a project named “Natural resistance”, working with different aspects of resistance of strawberry against crown rot caused by the oomycete *Phytophthora cactorum*.

• 2002 - 2006 Post Doc at Bioforsk, Norwegian Institute for Agricultural and Environmental Research, Plant Health and Plant Protection Division, Høgskolevegen 7, N-1432 Ås, Norway. On the project “Forecasting inoculum development and release by the apple scab pathogen for improved disease management”. Including two stays at NYSAES (Cornell University, Geneva, NY, USA) in 2002 and 2003.

• 2006 to present: Researcher in plant pathology, at NIBIO, Norwegian Institute of Bioeconomy Research. Working on epidemiology and modelling of fungal diseases of fruits, berries, vegetables and potatoes. Also involved in running and developing the Norwegian disease support system (VIPS) and the Norwegian Agricultural Meteorology Service.

**Research and extension work:**

Have been involved in COST (European Cooperation in Science and Technology) and other groups collaborating and exchanging information on diseases in fruits and berries. Main experience is within *Phytophthora* diseases in strawberry, and general epidemiology and modelling of fungal diseases in fruits, berries and vegetables. Have been involved in the development and validation of epidemiological models, and the implementation and use of these models in a web-based forecasting system for agricultural pests and diseases ([www.vips-landbruk.no](http://www.vips-landbruk.no)). Related to the forecasting system, I am also working on a project running and providing data from more than 80 meteorological stations across Norway (Agrometeorology Norway, lmt.nibio.no)

**Publications with referee**

Talgø, V.; Skage, J.-O.; Steffenrem, A.; Junker, C.; Eikemo, H.; Brurberg, M.B.; Johnskås, O.R. 2016. Delphinella Shoot Blight on Abies lasiocarpa Provenances in Norway. Forests 7 (7).

Davik, J., Eikemo, H., Brurberg, M. B., Sargent D. J. 2015. Mapping of the RPc-1 locus for *Phytophthora cactorum* resistance in *Fragaria vesca.* Molecular Breeding 35:211

Eikemo, H., Stensvand, A. 2015. Resistance of strawberry genotypes to leather rot and crown rot caused by Phytophthora cactorum. European Journal of Plant Pathology 143(2): 407-413

Eikemo, H., Strømeng, G. M., Stensvand, A. 2013. Evaluation of Two Models to Predict Grey Mould in Strawberry. European Journal of Horticultural Science 78 (1) 40-46

Herrero, M., Toppe, B., Eikemo, H.. 2012. Evaluation of acibenzolar-S-methyl and other low-toxicity products for control of rose powdery mildew (*Podosphaera pannosa*) in greenhouses. Acta Agriculturae Scandinavica. 62 (7) 666-671

Eikemo, Håvard; Gadoury, David; Spotts, R.A.; Villalta, O.; Creemers, P.; Seem, R.C.; Stensvand, Arne. 2011. Evaluation of Six Models to Estimate Ascospore Maturation in *Venturia pyrina*. Plant Disease. 95(3): 279-284

Eikemo, H., Brurberg, M. & Davik, J. 2010. Resistance to *Phytophthora cactorum* in Diploid Fragaria Species. HortScience 45:193-197.

Stensvand, A., Eikemo, H., Seem, R. and Gadoury, D.M. 2009 Ascospore release by *Venturia inaequalis* during periods of extended daylight and low temperature at Nordic latitudes. European Journal of Plant Pathology 125(1):173-178.

Arne Stensvand, Håvard Eikemo, David M. Gadoury, and Robert C. Seem. 2005.Use of a Rainfall Frequency Threshold to Adjust a Degree-Day Model of Ascospore Maturity of *Venturia inaequalis.* Plant Disease 89(2):198-202.

Eikemo H, Klemsdal SS, Riisberg I, Bonants P, Stensvand A, Tronsmo AM. 2004. Genetic variation between *Phytophthora cactorum* isolates differing in their ability to cause crown rot in strawberry. Mycological Research 108: 317-324.

Eikemo, H., A. Stensvand and A. M. Tronsmo. 2003. Resistance to crown rot (*Phytophthora cactorum*) in strawberry cvs and in offspring from crosses between cvs differing in susceptibility to the disease. Annals of Applied Biology 142:83-89

Eikemo, H., A. Stensvand and A. M. Tronsmo. 2003. Induced resistance as a possible means to control diseases of strawberry caused by *Phytophthora* spp. Plant Disease 87:345-350

Eikemo, H., A. Stensvand and A. M. Tronsmo. 2001. Evaluation of methods of screening strawberry cultivars for resistance to crown rot caused by *Phytophthora cactorum*. Annals of Applied Biology 137:237-244