

Research publications

Effect of increasing number of plants per hill under recommended space and earthing up on growth and yield of irrigated groundnut. (B.Sc. research thesis report, 2000).

Effect of different storage temperature on growth and yield of shallot onion (M.Sc. research thesis report, 2005).

Use of supplemental lighting towards efficient management of powdery mildew in greenhouse roses (Ph.D. research thesis report, 2010).

Suthaparan, A., Herrero, M. L., Pettersen, R. I., Torre, S., Stensvand, A., Gadoury, D. M., and Gislerod, H. R. 2008. Effect of day length on formation, release and germination of powdery mildew conidia in roses and severity of disease (abstract). J. Plant Pathol. 90S:191.

Suthaparan, A., Torre, S., Stensvand, A., Herrero, M. L., Pettersen, R. I., Gadoury, D. M., and Gislerod, H. R. 2009. Day length extension and red light reduces powdery mildew in greenhouse roses. Proc. 6th Int. Sym. Light Hortic. 15-19 Nov., Tsukuba, Japan.

Suthaparan, A., Stensvand, A., Torre, S., Herrero, M. L., Pettersen, R. I., Gadoury, D. M., and Gislerod, H. R. 2010. Continuous lighting reduces conidial production and germinability in the rose powdery mildew pathosystem. Plant Dis. 94:339-344.

Suthaparan, A., Torre, S., Stensvand, A., Herrero, M. L., Pettersen, R. I., Gadoury, D. M., and Gislerod, H. R. 2010. Specific light-emitting diodes can suppress sporulation of *Podosphaera pannosa* on greenhouse roses. Plant Dis. 94:1105-1110.

Talgø, V., Sundheim, L., Gjørnum, H.B., Herrero, M. L., Suthaparan, A., Toppe, B., and Stensvand, A. 2011. Powdery mildews on ornamental trees and shrubs in Norway. The Eur. J. Plant Sci. Biotechnol. 5:86-92.

Suthaparan, A., Stensvand, A., Solhaug, K. A., Torre, S., Mortensen, L. M., Gadoury, D.M., Seem, R.C., and Gislerod, H. R. 2012. Suppression of powdery mildew (*Podosphaera pannosa*) in greenhouse roses by brief exposure to supplemental UV-B radiation. Plant Disease 01-12-0094-RE.

Suthaparan, A., Stensvand, A., Solhaug, K. A., Torre, S., Telfer, K.H., Ruud, A.K., Davidson, L.C., Mortensen, L. M., Gadoury, D.M., Seem, R.C., and Gislerod, H. R. 2012. Suppression of cucumber powdery mildew by UV-B is affected by background light quality (abstract). Phytopathology 102(S4): (In press).

Suthaparan, A., Stensvand, A., Solhaug, K.A., Torre, S., Mortensen,

L.M., Gadoury, D.M., and Gislerød, H.R. 2012. Interruption of the night period by UV-B suppresses powdery mildew of rose and cucumber. *Acta Horticulturae*. 908: (In press).

Research publications (in Norwegian)

Suthaparan, A., Stensvand, A., Torre, S., Herrero, M. L., Pettersen, R. I., Gadoury, D. M., and Gislerød, H. R. 2008. Økt daglengde kan kontrollere meldugg i roser. *Gartneryrket*. 10:28-30.

Suthaparan, A., Stensvand, A., Torre, S., Herrero, M. L., Gadoury, D. M., Pettersen, R. I., and Gislerød, H. R. 2009. Rødt lys reduserer mjøldogg i veksthusroser. *Gartneryrket*. 10:52-53.

Suthaparan, A., Stensvand, A., Torre, S., Herrero, M. L., Gadoury, D. M., and Gislerød, H. R. 2010. Virkningen av belysningstid og lyskvalitet på mjøldogg hos roser. *Bioforsk Fokus*. 5:210-211.

Suthaparan, A., Stensvand, A., Mortensen, L. M., Torre, S., Solhaug, K. A., and Gislerød, H. R. 2010. UV-B stråling reduserer mjøldogg i roser. *Gartneryrket*. 10:30-31.

Suthaparan, A., Stensvand, A., Solhaug, K. A., Mortensen, L. M., Eriksen, A. S., Torre, S., Gadoury, D. M., and Gislerød, H. R. 2011. Bruk av UV-B stråling til bekjempelse av mjøldogg i veksthusroser. *Bioforsk Fokus*. 6:91

Suthaparan, A., Stensvand, A., Solhaug, K. A., Torre, S., Telfer, K.H., Ruud, A.K., Mortensen, L. M., Gadoury, D.M., and Gislerød, H. R. 2012. UV-B mot meldugg i agurk. *Gartneryrket*. 1:18-19.

Sissel, T., Solhaug, K.A., Terfa, T., Olsen, J.E., Rodriguez, C., Goutam, G., Suthaparan, A., Stensvand, A., Mortensen, L., Gislerød, H.R. 2011 LED lamper - muligheter i veksthusproduksjonen. *Bioforskfokus* 6 (2): 88. (Fløistad E, Munthe K eds.)

Academic appointments

Research scientist (contract)

Institution: Dept. of plant and environmental sciences, University of life sciences, post box 5003, 1432, Aas, Norway.
From August 2009 to July 2013.

Visiting scholar

Institution: Dept. of plant pathology and plant microbe-biology, New York State Agricultural Experiment Station, Cornell University, Geneva, New York, USA.
From 20th October 2011 to 23rd January 2012.

Lecturer (Probationary)

Institution: Dept. of Agronomy, Faculty of Agriculture, University of Jaffna, Sri Lanka.
From July 2001 to August 2003.

Responsibilities: Teaching and guiding for undergraduate students on field research in crop science.

Asst.Lecturer (Contract)

Institution: Dept. of Agronomy, Faculty of Agriculture, University of Jaffna, Sri Lanka.

From April 2001 to June 2002.

Responsibilities: Teaching and evaluation of undergraduate students in crop science.

Demonstrator (Contract)

Institution: Dept. of Agronomy, Faculty of Agriculture, University of Jaffna, Sri Lanka.

From November 2000 to April 2001.

Responsibilities: Demonstrating and evaluating the practical in crop science.

Experience in supervision

Co supervisor for master student at dept. of plant and environmental sciences, University of life sciences, Aas, Norway
Thesis title. Effect of day and night temperature on pollen characteristics, fruit quality and storability of tomato.

Co-curricular activities

Open seminar on “Management of powdery mildews in organic agriculture” at Norwegian institute for agricultural and environmental research (Bioforsk), Norway.

Open seminar to fulfill the requirement for PhD under “Biological control of plant diseases in greenhouse production- Challenges” held at centre for controlled climate plant research (SKP), Ass, Norway.

Conducted seminar for master and PhD students on “Management of air borne fungal diseases in greenhouse crops via light regulation” held at dept. of plant and environmental sciences, University of life sciences, Aas, Norway.

Department seminar on “Management of powdery mildews in greenhouse crops via spectral regulation of light/radiation” at dept. of plant pathology and plant microbe-biology, New York state agricultural experiment station, University of Cornell, Geneva, New York, USA.6th December 2011.

Seminar on“Light dependent UV-B efficiency on powdery mildew disease management in cucumber”at Wageningen University, Bleiswijk, The Netherlands. 14th June 2012.