



Dispersal Notes



July 2016 News Flyer

Department of Plant Pathology and Microbiology
Iowa State University

Calendar

July 17th – 21st – Society of Nematologists meeting in Montreal, Canada.

July 17th – 21st – International Society for Molecular Plant-Microbe Interactions XVII Congress in Portland, Oregon.

July 21st – Caroline Wuest's M.S. defense in 237 Bessey at 11 am.

July 30th – August 3rd – American Phytopathological Society meeting in Tampa, Florida.

August 22nd – Classwork begins for Fall semester

August 23rd – [Soybean Cyst Nematode Clinic](#) at Field Extension Education Laboratory (FEEL). Check-in at 8:00. Pre-registration required.

August 24th – [Crop Disease Clinic](#) at FEEL. Check-in at 8:30 am. Pre-registration required.

Recent Publications

Kandel, Y.R., Wise, K.A., Bradley, C.A., Chilvers, M.I., Tenuta, A.U., and **Mueller, D.S.** 2016. [Fungicide and cultivar effects on sudden death syndrome and yield of soybean](#). Plant Dis. 100:1339-1350.

Matthiesen, R.L., **Abeysekara, N.S.**, Ruiz-Rojas, J.J., Saghai Maroof, M.A., and **Robertson, A.E.** 2016. [A method for combining isolates of *Phytophthora sojae* to screen for novel sources of resistance to *Phytophthora stem and root rot* in soybean](#). Plant Dis. 100:1424-1428.

Noon, J.B., **Qi, M.**, Sill, D.N., Muppriala, U., Eves-van den Akker, S., **Maier, T.R.**, Dobbs, D., Mitchum, M.G., Hewezi, T., and **Baum, T.J.** 2016. [A *Plasmodium*-like virulence effector of the soybean cyst nematode suppresses plant innate immunity](#). New Phytologist doi: 10.1111/nph.14047.

Sisson, A.J., **Kandel, Y.R.**, Hart, C.E., Asmus, A., **Wiggs, S.N.**, and **Mueller, D.S.** 2016. [Effect of foliar fungicide and insecticide on hail-damaged soybean](#). Plant Health Prog. 17:141-148.

Tylka, G.L. 2016. [Understanding soybean cyst nematode HG types and races](#). Plant Health Prog. 17:149-151.

Things to check out

Plant and Insect Diagnostic Clinic [update](#) on the ISU Integrated Crop Management Blog.

Stories and snapshots

Gary Munkvold elected councilor-at-large for APS

Gary Munkvold, a professor in the PLPM department and Chair in the Graduate Program in Seed Technology and Business, was recently elected to serve as councilor-at-large (CAL) for the American Phytopathological Society (APS) for the 2016-2017 term. The Councilor-at-Large serves as a liaison between APS members and the leadership council. Information on the job description for the CAL can be found [here](#), and Munkvold's vision statement for the CAL position can be found [here](#).



Jared Jensen receives award to attend SON meeting

Jared Jensen, a PhD student in the PLPM department, was recently awarded a travel grant sponsored by Dow Agrosiences to attend this year's meeting of the Society of Nematologists, held in Montreal, Canada from July 17th-22nd. Jensen works with soybean cyst nematode and is advised by Greg Tylka.



Interview with Daren Mueller on soybean diseases.

An agriculture.com interview with Daren Mueller, an assistant professor in the PLPM department, on the differences between symptoms of sudden death syndrome and brown stem rot on soybeans can be found [here](#).



Student worker Madison Muff spraying soybeans for research trials. Photo: Stith Wiggs



Collecting soybean spacing data. Photo: Daniel Sjarpe.