AGENDA

2016 Sclerotinia Initiative Annual Meeting
January 20-22, 2016

Wednesday – January 20, 2016

6-8 pm	Poster Session/Reception *(posters are displayed for the entire meeting)*	**Cortland Room**

Thursday – January 21, 2016

7:15 am	Registration/Continental Breakfast	**Cortland Room**
8:15 am	Welcome, Introductions & Meeting Charge – **Bill Kemp, USDA-ARS, Fargo, ND**	
8:25 am	Welcome & Update from the Plains Area – **John McMurtry, USDA-ARS, Fort Collins, CO**	
8:35 am	ARS Office of National Programs Update – **Roy Scott, USDA-ARS, Beltsville, MD**	
8:45 am	Introduction of ***Featured Speaker*** – **Mike Foley, USDA-ARS, Fargo, ND**	
	Developing mechanistic perspectives on *Sclerotinia* virulence and host defense to inform rational strategies for improving crop resistance – **William Underwood, USDA-ARS, Fargo, ND**	
10:00 am	Discussion Break	**Ballroom Foyer**
	Sclerotinia Research Activities – Session 1 **Moderator – Martin Chilvers, Michigan State University, East Lansing, MI**	**Fireside Room**
10:30 am	Synergistic enhancement of resistance to *Sclerotinia sclerotiorum* – **Jeffrey Rollins, University of Florida, Gainesville, FL**	
10:45 am	Strategies to identify functionally significant defense genes against *Sclerotinia sclerotiorum* – **Daina Simmonds, Agriculture and Agri-Food Canada, Ottawa, ONT**	
11:00 am	Identifying and verifying genes for defense to *Sclerotinia* – **Wei, Wei, University of Illinois & Steven Clough, USDA-ARS, Urbana, IL**	
11:15 am	The potential of genomic selection to improve white mold resistance in soybean – **Dechun Wang, Michigan State University, East Lansing, MI**	

11:30 am	Changes to ARS cooperative agreements process Marcie Currie-Gross – **USDA-ARS, Fort Collins, CO**	
Noon	Working Lunch	**Cortland Room**
	Sclerotinia Research Activities – Session 2 **Moderator – Gerald Seiler, USDA-ARS, Fargo, ND**	**Fireside Room**
1:15 pm	Fine mapping of loci for resistance to Sclerotinia stem rot in the wild perennial *Glycine latifolia* – **Leslie Domier, USDA-ARS, Urbana, IL**	
1:30 pm	Improved white mold resistance in dry and snap beans through multi-site screening and pathogen characterization throughout major production areas – **James Steadman, University of Nebraska, Lincoln, NE**	
1:45 pm	Breeding Common Bean for Resistance to White Mold – **Shree Singh, University of Idaho, Kimberly, ID**	
2:00 pm	Quantitative trait loci analysis of white mold resistance in dry bean – **James Kelly, Michigan State University, East Lansing, MI**	
2:15 pm	Identification of major QTL conditioning partial resistance to white in dry bean **– Phil Miklas, USDA-ARS, Prosser, WA; James Myers, Oregon State University, Corvallis, OR; & Phil McClean, North Dakota State University, Fargo, ND**	
3:00 pm	Break & Poster Session	**Cortland Room**
	Sclerotinia Research Activities – Session 3 **Moderator – Steven Clough, USDA-ARS, Urbana, IL**	**Fireside Room**
3:15 pm	Discovery and use of novel sources of head and stalk rot resistance in sunflower and studies of *Asteracea* genera stimulating myceliogenic germination **– Gerald Seiler, USDA-ARS, Fargo, ND**	
3:30 pm	Transferring Sclerotinia resistance genes from wild *Helianthus* species into cultivated sunflower – **Chao-Chien Jan, USDA-ARS, Fargo, ND**	
3:45 pm	Using genomic selection to optimize prediction of Sclerotinia and agronomic phenotypes for more efficient breeding – **Brent Hulke, USDA-ARS, Fargo, ND**	
4:00 pm	Sclerotinia stalk rot resistance in sunflower: QTL mapping and gene introgression from wild *Helianthus* species – **Lili Qi, USDA-ARS, Fargo, ND**	
4:15 pm	Wrap-up & Adjourn (Dinner on your own)	

Friday – January 22, 2016

7:00 am	Steering Committee Breakfast Meeting	**Executive Conference Room**
7:15 am	Continental Breakfast	**Cortland Room**

Sclerotinia Research Activities – Session 4 **Fireside Room**
Moderator – Lili Qi, USDA-ARS, Fargo, ND

8:15 am *Agrobacterium*-mediated transformation of sunflower – **John Finer, The Ohio State University, Wooster, OH**

8:30 am Improved head rot resistance screening in sunflowers and impacts & implications of Sclerotinia infection timing in dry bean, soybean, and sunflower **– Michael Wunsch, North Dakota State University, Carrington, ND**

8:45 am Characterization and validation of two distinct mechanisms for resistance to *Sclerotinia sclerotiorum* in *Pisum sativum* – **Kevin McPhee, North Dakota State University, Fargo, ND & Lyndon Porter USDA-ARS, Prosser, WA**

9:00 am Expression profiling of the pea-*Sclerotinia sclerotiorum* interaction for genomics assisted breeding – **Martin Chilvers, Michigan State University, East Lansing, MI**

9:15 am Sclerotial development and pathogenicity of *Sclerotinia sclerotiorum* depend on low pH, independent of oxalic acid– **Weidong Chen, USDA-ARS, Pullman, WA**

9:30 am Discussion Break **Ballroom Foyer**

10:00 am Characterizing resistance and pathogenicity genes associated with infection of *Brassica napus* by *Sclerotinia sclerotiorum* – **Luis del Rio, North Dakota State University, Fargo, ND**

10:15 am Identifying candidate genes for aggressiveness via association analysis of a diverse population of *Sclerotinia sclerotiorum* **– Robert Brueggeman & Berlin Nelson, North Dakota State University, Fargo, ND**

Sclerotinia Initiative Research: The next steps **Fireside Room**
Moderator – Bill Kemp, USDA-ARS, Fargo, ND

10:30 am ***Guest Speaker***
Strategic Planning & Reporting Progress – **Rich Wilson, USDA-ARS, Office of National Programs–Retired, Raleigh, NC**

11:15 am Strategic Plan Discussion – Writing Team Input/Revisions
Annual Reports

11:45 am	Working Lunch	**Cortland Room**
1:00 pm	Assignment of Additional Tasks & Wrap-up of Initiative Business	
2:00 pm	Adjourn (Travel Safely!)	