Sclerotinia Initiative Funded Projects – 2018	Researcher	Location	Aggregate	General	Canola	Pulse	Soybeans	Sunflowers
1. Characterizing pathogenicity effectors of *Sclerotinia sclerotiorum* preferentially expressed under acidic conditions and during plant infection	Weidong Chen	USDA-ARS, Pullman, WA	$50,000	$50,000				
2. Screening for resistance sources to *Sclerotinia* white mold in recently acquired germplasm of cool season grain legumes	Weidong Chen	USDA-ARS, Pullman, WA	$47,482			$47,482		
3. Biological Control of White Mold Using the Mycovirus SsHADV-1-Infected Hypovirulent Strain DT-8 of Sclerotinia sclerotiorum	Weidong Chen	USDA-ARS, Pullman, WA	$85,163	$85,163				
4. Characterizing resistance and pathogenicity genes associated with infection of *B. napus* by *S. sclerotiorum*	Luis del Rio	North Dakota State University, Fargo, ND	$38,062		$38,062			
5. Improving resistance to *Sclerotinia sclerotiorum* in spring canola	Luis del Rio	North Dakota State University, Fargo, ND	$23,852		$23,852			
6. Fine mapping of loci for resistance to *Sclerotinia* stem rot in Glycine latifolia	Les Domier	USDA-ARS, Pullman, WA	$34,908	$34,908				
7. Refining genomic tools for *Sclerotinia* resistance and agronomic breeding of sunflower – towards dissection of the resistance phenotype	Brent S. Hulke	USDA-ARS, Fargo, ND	$63,283					$63,283
8. Targeting essential genes in *Sclerotinia sclerotiorum* to achieve Sclerotinia stem rot resistance in soybean	Mehdi Kabbage	University of Wisconsin, Madison, WI	$39,264				$39,264	
9. Developing environmental friendly fungicides for managing white mold	Shin-Yi Marzano	South Dakota State University, Brookings, SD	$65,692	$65,692				
10. White mold resistance-QTL: identification, interactions, and fine mapping in common bean	Phil McClean	North Dakota State University, Fargo, ND	$36,933			$36,933		
	Phillip N. Miklas	USDA-ARS, Prosser, WA	$51,000			$51,000		

	James Myers	Oregon State University, Corvallis, OR	$39,840			$39,840		

Sclerotinia Initiative Funded Projects – 2018	Researcher	Location	Aggregate	General	Canola	Pulse	Soybeans	Sunflowers
11. QTL mapping of *Sclerotinia* basal stalk rot resistance derived from sunflower wild species	Lili Qi	USDA-ARS, Fargo, ND	$104,796					$104,796
12. Enhancing Basal Resistance to *Sclerotinia sclerotiorum* in Brassica	Jeffrey Rollins	University of Florida, Gainesville, FL	$70,119		$70,119			
13. Improved white mold resistance in dry and snap beans through multi-site screening and pathogen characterization throughout major production areas	James R. Steadman	University of Nebraska, Lincoln, NE	$75,440			$75,440		
14. Identification of *Sclerotinia sclerotiorum* virulence determinants relevant to infection of multiple host plants by association mapping	William R. Underwood	USDA-ARS, Fargo, ND	$48,504	$48,504				
15. Improving stalk rot phenotyping by evaluation of environment, pathogen, and host factors for S. sclerotiorum infection in sunflower disease nurseries	William R. Underwood	USDA-ARS, Fargo, ND	$9,364					$9,364
16. Enhancing soybean for resistance to *Sclerotinia* stem rot	Dechun Wang	Michigan State University, East Lansing, MI	$52,174				$52,174	
			Aggregate	General	Canola	Pulse	Soybeans	Sunflowers
		Totals for 2018	$935,876	$284,267	$132,033	$250,695	$91,438	$177,443

Sclerotinia Initiative Funded Projects – 2017	Researcher	Location	Aggregate	General	Canola	Pulse	Soybeans	Sunflowers
1. Characterizing pathogenicity effectors of *Sclerotinia sclerotiorum* preferentially expressed under acidic conditions and during plant infection	Weidon Chen	USDA-ARS, Pullman, WA	$56,240	$56,240				
2. Screening for resistance sources to *Sclerotinia* white mold in recently acquired germplasm of cool season grain legumes	Weidon Chen	USDA-ARS, Pullman, WA	$49,575			$49,575		
3. Characterizing resistance and pathogenicity genes associated with infection of *B. napus* by *S.sclerotiorum*	Luis del Rio	North Dakota State University, Fargo, ND	$58,411		$58,411			
4. Improving resistance to *Sclerotinia sclerotiorum* in spring canola	Luis del Rio	North Dakota State University, Fargo, ND	$39,879		$39,879			
5. Fine mapping of loci for resistance to *Sclerotinia* stem rot in Glycine latifolia	Les Domier	USDA-ARS, Pullman, WA	$69,336	$69,336				
6. Using genomic selection to optimize prediction of *Sclerotinia* and agronomic phenotypes for more efficient breeding	Brent S. Hulke	USDA-ARS, Fargo, ND	$128,319	$128,319				
7. Developing environmental friendly fungicides for managing white mold	Shin-Yi Marzano	South Dakota State University, Brookings, SD	$42,616	$42,616				
8. White mold resistance-QTL: identification, interactions, and fine mapping in common bean	Phil McClean	North Dakota State University, Fargo, ND	$48,008			$48,008		
	Phillip N. Miklas	USDA-ARS, Prosser, WA	$55,000			$55,000		
	James Myers	Oregon State University, Corvallis, OR	$46,279			$46,279		

9. QTL mapping of *Sclerotinia* basal stalk rot resistance derived from sunflower wild species	Lili Qi	USDA-ARS, Fargo, ND	$111,206					$111,206

Sclerotinia Initiative Funded Projects – 2017	Researcher	Location	Aggregate	General	Canola	Pulse	Soybeans	Sunflowers
10. Improved white mold resistance in dry and snap beans through multi-site screening and pathogen characterization throughout major production areas	James R. Steadman	University of Nebraska, Lincoln, NE	$71,916			$71,916		
11. Identification of *Sclerotinia sclerotiorum* virulence determinants relevant to infection of multiple host plants by association mapping	William R. Underwood	USDA-ARS, Fargo, ND	$52,340	$52,340				
12. Improving stalk rot phenotyping by evaluation of environment, pathogen, and host factors for S. sclerotiorum infection in sunflower disease nurseries	William R. Underwood	USDA-ARS, Fargo, ND	$9,864					$9,864
13. Enhancing soybean for resistance to *Sclerotinia* stem rot	Dechun Wang	Michigan State University, East Lansing, MI	$52,008				$52,008	
			Aggregate	General	Canola	Pulse	Soybeans	Sunflowers
		Totals for 2017	$890,997	$348,851	$98,290	$270,778	$52,008	$121,070

Sclerotinia Initiative Funded Projects – 2016	Researcher	Location	Aggregate	General	Canola	Pulse	Soybeans	Sunflowers
1. Expression Profiling of the Pea-*Sclerotinia sclerotiorum* Interaction for Genomics Assisted Breeding	Martin Chilvers	Michigan State University, East Lansing, MI	$38,762	$38,762				
2. Characterizing Resistance and Pathogenicity Genes Associated with Infection of *B. napus* by *S.sclerotiorum*	Luis del Rio	North Dakota State University, Fargo, ND	$78,680		$78,680			
3. Improving Resistance to *Sclerotinia sclerotiorum* in Spring Canola	Luis del Rio	North Dakota State University, Fargo, ND	$57,505		$57,505			
4. Using Genomic Selection to Optimize Prediction of Sclerotinia and Agronomic Phenotypes for more Efficient Breeding	Brent S. Hulke	USDA-ARS, Fargo, ND	$116,500	$116,500				
5. Transferring Sclerotinia Resistance Genes from Wild *Helianthus* Species into Cultivated Sunflower	Chao-Chien Jan	USDA-ARS, Fargo, ND	$100,858					$100,858
6. White Mold Resistance-QTL: Identification, Interactions, and Fine Mapping in Common Bean	James Kelly	Michigan State University, East Lansing, MI	$17,476			$17,476		
	Phil McClean	North Dakota State University, Fargo, ND	$48,261			$48,261		
	Phillip N. Miklas	USDA-ARS, Prosser, WA	$59,254			$59,254		
	James Myers	Oregon State University, Corvallis, OR	$42,352			$42,352		

	Researcher	Location	Aggregate	General	Canola	Pulse	Soybeans	Sunflowers
7. Identification of major genes-QTL for Sclerotinia resistance in cultivated sunflower and wild Helianthus	Lili Qi	USDA-ARS, Fargo, ND	$100,937					$100,937
Sclerotinia Initiative Funded Projects – 2016	**Researcher**	**Location**	**Aggregate**	**General**	**Canola**	**Pulse**	**Soybeans**	**Sunflowers**
8. Enhancing basal resistance to *Sclerotinia sclerotiorum* in Brassica	Jeffrey Rollins	University of Florida, Gainesville, FL	$69,496		$69,496			
9. Improved White Mold Resistance in Dry and Snap Beans through Multi-Site Screening and Pathogen Characterization throughout Major Production Areas	James R. Steadman	University of Nebraska, Lincoln, NE	$51,377			$51,377		
10. Identification of Sclerotinia sclerotiorum virulence determinants relevant to infection of multiple host plants by association mapping	William R. Underwood	USDA-ARS, Fargo, ND	$56,972	$56,972				
11. Enhancing Soybean for Resistance to Sclerotinia Stem Rot	Dechun Wang	Michigan State University, East Lansing, MI	$45,268				$45,268	
12. Improved Head Rot Resistance Screening in Sunflowers and Impacts and implications of Sclerotinia infection timing in dry bean, soybean, and sunflower	Michael J. Wunsch	North Dakota State University, Carrington, ND	$52,689					$52,689
			Aggregate	**General**	**Canola**	**Pulse**	**Soybeans**	**Sunflowers**
		Totals for 2016	$936,387	$212,234	$205,681	$218,720	$45,268	$254,484

Sclerotinia Initiative Funded Projects – 2015	Researcher	Location	Aggregate	General	Canola	Pulse	Soybeans	Sunflowers
1. Expression Profiling of the Pea-*Sclerotinia sclerotiorum* Interaction for Genomics Assisted Breeding	Martin Chilvers	Michigan State University, East Lansing, MI	$50,176			$50,176		
2. Identifying and Verifying Genes for Defense to Sclerotinia	Steven J. Clough	USDA-ARS, Urbana, IL	$87,665	$87,665				
3. Characterizing Resistance and Pathogenicity Genes Associated with Infection of *B. napus* by *S.sclerotiorum*	Luis del Rio	North Dakota State University, Fargo, ND	$67,731		$67,731			
4. Using Genomic Selection to Optimize Prediction of Sclerotinia and Agronomic Phenotypes for more Efficient Breeding	Brent S. Hulke	USDA-ARS, Fargo, ND	$59,898	$59,898				
5. Transferring Sclerotinia Resistance Genes from Wild *Helianthus* Species into Cultivated Sunflower	Chao-Chien Jan	USDA-ARS, Fargo, ND	$148,730					$148,730
6. Validating QTL for White Mold Resistance in Mesoamerican Beans	James D. Kelly	Michigan State University, East Lansing, MI	$34,077			$34,077		
7. White Mold Resistance-QTL: Identification, Interactions, and Fine Mapping in Common Bean	Phil McClean	North Dakota State University, Fargo, ND	$54,281			$54,281		
8. Characterization and Validation of Two Distinct Mechanisms for Partial Resistance to *Sclerotiniasclerotiorum in Pea*	Kevin McPhee	North Dakota State University, Fargo, ND	$42,302	$42,302				
9. White Mold Resistance-QTL: Identification, Interactions, and Fine Mapping in Common Bean	Phillip N. Miklas	USDA-ARS, Prosser, WA	$59,730			$59,730		
10. White Mold Resistance-QTL: Identification, Interactions, and Fine Mapping in Common Bean	James Myers	Oregon State University, Corvallis, OR	$46,039			$46,039		
11. Identification of major genes-QTL for Sclerotinia resistance in cultivated sunflower and wild Helianthus	Lili Qi	USDA-ARS, Fargo, ND	$83,923					$83,923

	Researcher	Location	Aggregate	General	Canola	Pulse	Soybeans	Sunflowers
12. Synergistic Enhancement of Resistance to *Sclerotinia sclerotiorum*	Jeffrey Rollins	University of Florida, Gainesville, FL	$66,411	$66,411				
Sclerotinia Initiative Funded Projects – 2015	**Researcher**	**Location**	**Aggregate**	**General**	**Canola**	**Pulse**	**Soybeans**	**Sunflowers**
13. Discovery and use of novel sources of head and stalk rot resistance in sunflower and studies of Asteracea genera stimulating myceliogenic germination	Gerald J. Seiler	USDA-ARS, Fargo, ND	$79,825					$79,825
14. Improved White Mold Resistance in Dry and Snap Beans through Multi-Site Screening and Pathogen Characterization throughout Major Production Areas	James R. Steadman	University of Nebraska, Lincoln, NE	$43,734			$43,734		
15. Enhancing Soybean for Resistance to Sclerotinia Stem Rot	Dechun Wang	Michigan State University, East Lansing, MI	$42,892				$42,892	
16. Improved Head Rot Resistance Screening in Sunflowers and Impacts and implications of Sclerotinia infection timing in dry bean, soybean, and sunflower	Michael J. Wunsch	North Dakota State University, Carrington, ND	$52,554	$52,554				
			Aggregate	**General**	**Canola**	**Pulse**	**Soybeans**	**Sunflowers**
		Totals for 2016	$1,019,968	$308,830	$67,731	$288,037	$42,892	$312,478