

**GRASS SEED CROPPING SYSTEMS FOR A SUSTAINABLE AGRICULTURE**

PRINCIPAL INVESTIGATOR	TITLE	FUNDED FY06 NEED A TERMINATION REPORT	FUNDED FY08 NEED A PROGRESS REPORT	FUNDED FY09 NO REPORT NECESSARY UNLESS YOU REALLY WANT TO WRITE IT
Armstrong, D., McPhail, K., Mills, D., OR	Germination-Arrest Factor (GAF): Development of Synthetic Analogs of a Naturally Occurring Herbicide that Controls Grassy Weeds			\$40,000
Armstrong, D., Mills, D., OR	Germination Arrest Factor: Synthesis and Testing of a Naturally Occurring Herbicide and Related Synthetic Analogs		\$28,469	
Armstrong, D., Mills, D., OR	Germination Arrest Factor: Synthesis and Testing of a Novel Naturally Occurring Herbicide for the Control of Grassy Weeds	40,000		
Carris, L., WA	Smut Fungi Spores as Contaminants in Grass Seed Produced in the Pacific Northwest		\$12,580 (FY08) \$31,143 (FY09)	
Cooper, L., OR	DNA Sequence-Based Seed Tests for Rapid Differentiation of Ryegrass Growth Types and Increased Economic Returns to Growers	25,315		
Elling, A., Paulitz, T. Schroeder, K., WA	Role of Nematodes and Soilborne Fungal Pathogens in the Decline of Bluegrass Yields			\$29,407
Gervais, J., Young, W., OR	Measuring the Impact of Hole Baiting Voles with Zinc Phosphide on Grass Seed Harvest			\$16,426
Hamm, P. B., Horneck, D., Rondon, S. I.	Integrated Disease, Fertilizer, and Insect Management for Columbia Basin Grass Seed Production		\$57,425	
Hamm et al.	Integrated Disease, Fertilizer, Weed, and Insect Management for Columbia Basin Seed Production	64,901		
Hulting, A., Mallory-Smith, C., OR	Integration of Cultural Crop Management Practices and Chemical Weed Management Practices to Optimize Control of Herbicide Resistant <i>Poa annua</i> (annual bluegrass) in Grass Grown for Seed			\$23,636
Johnston, W., WA	Field Evaluation of Kentucky Bluegrass Germplasm for Non-Burn Seed Production		\$22,207	\$39,965
Johnston, W., WA	Development of High-Yielding KBG for Non-Burn Seed Production	27,610		
Koenig et al.	Alternative N Sources for Grass Seed Production in the Post-Ammonium Nitrate Era	27,435	\$33,856	
Mallory-Smith, C., OSU	Wild Carrot Applied Ecology and Management in Grass Seed Production	\$25,010 Term report done last yr		
Rao, S., OR	Phase II: Investigations on Choke Disease in Orchardgrass Seed Production			\$29,968

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Rao, S., OR	Investigations on Choke Disease in Orchard Grass Seed Production		\$35,734 (FY08) \$27,540 (FY09)	
Rao, S., OR	Potential Consequences of the Phase-Out of Burning: New Insect Pests in Grass Seed	34,985 FY06 \$34,162, FY07		
Rondon, S., Hamm, P., Horneck, D., OR	Integrated Disease, Fertilizer and Insect Management for Columbia Basin Grass Seed Production			\$58,892
Thill, D., ID	Grass Seed Control in Tomothy			\$16,505 (FY09) \$16,892 (FY10)
Thill, D., Holman, J., ID	A Regional Technology Transfer Program for Grass Seed Production Systems	25,000		
Thill, D. Johnson-Maynard, J. McCaffrey, J. VanTassell, L. Wulfhorst, J.D. Holman, J.	Integrated Residue Management Systems for Sustained Seed Yield of KBG without Burning-- Phase II	\$80,000	\$57,938	
Cavalieri, R.	Administration		\$3,315	\$10,462 (FY09) \$9,653 (FY10)
	Approved funding for FY06			
	Approved funding for FY08		\$310,207	
	Approved funding for FY09			\$291,806

<sup>1</sup>No FY07 funding was available.