Idaho State Department of Agriculture
Nursery Advisory and Florists Advisory Committee
Research Grants (Approved and Denied) and Educational Outreach Grants

Spreadsheet Revised 3/8/2010

2010 Project #	Approved Grant Amount $	Denied Amount $	Returned Unused $	Research/Education Project	Principal Investigator	Institution
NAC/ISDA 2010-1	12,935.00			*Improvement and Propagation of Native Plants for Water-Conserving and Traditional Landscapes*	Stephen L. Love, Ph.D.	University of Idaho
NAC/ISDA 2010-2	4,950.00			*Evaluation of Native and Traditional Turfgrass Species for Low-Maintenance Lawns*	Thomas A. Salaiz	University of Idaho
NAC/ISDA 2010-3 (see explanation of final $$ under Research/ Education Project)	2,000.00	15,000.00		*Alternative Plants to Invasive Species Landscaping Publication* ($15,000 was denied on 1/23/10 and a proposed $2,000 was approved)	Ann Bates	Idaho Nursery & Landscape Association
NAC/ISDA 2010-4		2,400.00		*Alternative Potting Media Components: A Scientific Review*	Linda Chalker-Scott, Ph.D.	Washington State University
NAC/ISDA 2010-5		34,299.09		*Economic Importance of the Green Industry in Idaho*	J.D. Wulfhorst, Ph.D.	University of Idaho
NAC/ISDA 2010-6	16,334.00			*Testing Effectiveness of New All Natural Fertilizers/Additives on Selected Herbaceous and Woody Plants*	Robert R. Tripepi, Ph.D.	University of Idaho
NAC/ISDA 2010-7	4,970.00			*Microbial Analyses of and Plant Growth in Composted Cattle Biosolids Sampled Over Time*	Robert R. Tripepi, Ph.D., Joseph Kuhl	University of Idaho
NAC/ISDA 2010-8	7,800.00			*Mutation Breeding of Penstemon for Use in the Green Industry*	Brad Geary, Ph.D.	Brigham Young University
Total	**48,989.00**	**51,699.09**				
2009 Project #	**Approved Grant Amount $**	**Denied Amount $**	**Returned Unused $**	**Research/Education Project**	**Principal Investigator**	**Institution**
NAC/ISDA 2009-1	10,920.00			*Evaluation of Native and Adapted Plants for Landscape Use*	Stephen L. Love, Ph.D.	University of Idaho

NAC/ISDA 2009-2	5,050.00			*Evaluation of Native and Traditional Turfgrass Species for Low-Maintenance Lawns*	Thomas A. Salaiz	University of Idaho
NAC/ISDA 2009-3	23,434.00			*Determining Salt Leachate Rate and Suitability of Potting Mixes Amended with Anaerobic Digested Cattle Biosolids*	Robert R. Tripepi, Ph.D.	University of Idaho
	5,000.00			*Idaho Nursery & Landscape Association Idaho Horticulture Expo (January 20-23, 2010)*	Ann Bates	INLA
	1,800.00			*Nursery Industry Survey*	Bill Meyer	USDA-NASS
Total	**46,204.00**					
2008 Project #	**Approved Grant Amount $**	**Denied Amount $**	**Returned Unused $**	**Research/Education Project**	**Principal Investigator**	**Institution**
NAC/ISDA 2008-1	5,000.00			*Managing New and Emerging Virus Threats to the Green Industry*	Hanu R. Pappu, Ph.D.	Washington State University
NAC/ISDA 2008-2	11,355.00			*Evaluation of Native and Adapted Plants for Landscape Use*	Stephen L. Love, Ph.D.	University of Idaho
NAC/ISDA 2008-3	3,753.00			*Evaluation of Native and Traditional Turfgrass Species for Low-Maintenance Lawns*	Thomas A. Salaiz	University of Idaho
NAC/ISDA 2008-4	16,561.00		7,061.55	*Nursery Technical Resource Center* (Original grant was $16,561. Unused funding in the amount of $7,061.55 was received on on 3/4/10. $16,561.00 - $7,061.55 = $9,499.45)	Danny L. Barney, Ph.D.; Stephen L. Love, Ph.D.; Robert R. Tripepi, Ph.D.	University of Idaho
NAC/ISDA 2008-5	26,340.00			*Native Plants Production in Potting Media Amended With Anaerobic Digested Cattle Biosolids*	Robert R. Tripepi, Ph.D.	University of Idaho
NAC/ISDA 2008-6		13,970.00		*Ornamental Quality Ratings of Malus Cultivars*	Michael Bauer	University of Idaho Extension
	5,000.00			*Idaho Nursery & Landscape Association Idaho Horticulture Expo (January 21-23, 2009)*	Ann Bates	INLA
	1,000.00			*Nursery Industry Survey*	Bill Meyer	USDA-NASS
Total	**69,009.00**	**13,970.00**	**7,061.55**			

2007 Project #	Approved Grant Amount $	Denied Amount $	Returned Unused $	Research/Education Project	Principal Investigator	Institution
NAC/ISDA 2007-1 (see explanation of final $$ under Research/ Education Project)	5,996.00		1,433.22	*Improving Rooting of Pinyon Pine Seedlings by Using Naphthaleneacetic Acid Treatments* (Proposed $4,482 plus an additional $1,518 was approved for a total of $6,000; amount was modified to $5,996.) (Unused funding in the amount of $1,433.22 was received on 6/25/08. $5,996.00 - $1,433.22 = $4,562.78)	Robert R. Tripepi, Ph.D.	University of Idaho
NAC/ISDA 2007-2 (see explanation of final $$ under Research/ Education Project)	14,471.00		155.94	*Production of Native Plants in Potting Media Amended with Flushed Cattle Biosolids* (Original grant was $14,471.00. Unused funding in the amount of $155.94 was returned on 6/25/08. $14,471.00 - $155.94 = $14,315.06)	Robert R. Tripepi, Ph.D.	University of Idaho
NAC/ISDA 2007-3		6,580.00		*Evaluation and Selection of Native Woody Plants for the Intermountain Region*	William A. Hoch, Ph.D.	Montana State University
NAC/ISDA 2007-4	8,280.00			*Breeding Native Western Plants for Use in the Green Industry*	Brad Geary, Ph.D.	Brigham Young University
NAC/ISDA 2007-5 (see explanation of final $$ under Research/ Education Project)	11,670.00		791.86	*Evaluation of Native and Adapted Plants for Landscape Use* (Original grant was $11,670.00. Unused funding in the amount of $791.86 was received on 4/14/08. $11,670.00 - 791.86 = $10,878.14)	Stephen L. Love, Ph.D.	University of Idaho
NAC/ISDA 2007-6		10,000.00		*Development of Improved Landscape Plants* (continuation)	Harold Pellett, Ph.D.	Landscape Plant Development Center
	1,000.00			*Nursery Industry Survey*	William Meyer	Idaho Agricultural Statistics Service, USDA
	5,500.00			*Idaho Nursery & Landscape Association Idaho Horticulture Expo (January 16-18, 2008)*	Ann Bates	INLA
	3,000.00			*Horticulture Research Institute*		
Total	**49,917.00**	**16,580.00**	**2,381.02**			

2006 Project #	Approved Grant Amount $	Denied Amount $	Returned Unused $	Research/Education Project	Principal Investigator	Institution
NAC/ISDA 2006-1	11,820.00			*Evaluation of Native and Adapted Plants for Landscape Use*	Steven L. Love, Ph.D. & Thomas A. Salaiz	University of Idaho
NAC/ISDA 2006-2 (see explanation of final $$ under Research/ Education Project)	4,835.00		1,291.96	*Facilitation of Both a Statewide Arboretum Program and a New Plant Material Marketing System in Idaho* (Original funded amount $4,835.00 minus $1,291.96 refunded on 4/3/07 to leave a total of $3,543.04.)	Steven L. Love, Ph.D.	University of Idaho
NAC/ISDA 2006-3	4,600.00		7,319.58	*Evaluation of Corkbark and Subalpine Fir for Their Potential as Ornamental Nursery Stock and Christmas Trees* (continuation), Report is "Not for Public Release." (This program was finished and closed in 2006. Unexpended funds over life of grant were reimbursed on 7/2/07 in the amount of $7,319.58.)	Danny L. Barney, Ph.D.	University of Idaho
NAC/ISDA 2006-4		15,000.00		*Lake Pend Oreille Shorline Landscape Education and Demonstration Project*	Linda O'Hare; Lance Holloway	Bonner Soil and Water Conservation District, Sandpoint; Idaho State Department of Agriculture
NAC/ISDA 2006-5 (see explanation of final $$ under Research/ Education Project)	5,000.00	10,000.00		*Development of Improved Landscape Plants* ($10,000 was originally denied and a proposed $5,000 was approved.)	Harold Pellet, Ph.D.	Landscape Plant Development Center, Minnesota
NAC/ISDA 2006-6	8,040.00			*Using Shade to Improve Transplant Survival of Pinyon Pine and Sub-alpine Fir Seedlings*	Robert R. Tripepi, Ph.D.	University of Idaho
NAC/ISDA 2006-7	4,520.00			*Growing Pinyon Pine and Sub-alpine Fir Seedlings in Fabric and Plastic Containers*	Robert R. Tripepi, Ph.D.	University of Idaho
NAC/ISDA 2006-8	19,050.00			*Effects of Wedgle-Injected Plant Growth Regulator Flurprimidol on Herbivory and Stress Resistance in Patmore Green Ash (Fraxinus pennsylvanica 'Patmore')*	John E. Lloyd, Ph.D.	University of Idaho

NAC/ISDA 2006-9 (see explanation of final $$ under Research/ Education Project)	1,000.00	16,700.00	1,000.00	*Impact of Mycorrhizal Root Dip on the Transplant Success of Ornamental Trees* ($16,700 was denied but $1,000 funding of preliminary data collection was approved; $1,000 refunded 4/3/07.)	John E. Lloyd, Ph.D.	University of Idaho
	1,000.00			*Nursery Industry Survey*	William Meyer	Idaho Agricultural Statistics Service, USDA
	3,000.00			*Idaho Nursery & Landscape Association Idaho Horticulture Expo (January 18-20, 2006)*	Ann Bates	INLA
Total	**62,865.00**	**41,700.00**	**9,611.54**			
2005 Project #	**Approved Grant Amount $**	**Denied Amount $**	**Returned Unused $**	**Research/Education Project**	**Principal Investigator**	**Institution**
NAC/ISDA 2005-1 (see explanation of final $$ under Research/ Education Project)	5,000.00	10,000.00		*Development of Improved Landscape Plants* ($10,000 was originally denied and a proposed $5,000 was approved.)	Harold Pellet, Ph.D.	Landscape Plant Development Center, Minnesota
NAC/ISDA 2005-2	23,391.85			*How the Green Industry Impacts Idaho*	Sandra E. Cann, Ph.D.; J.D. Wulfhorst, Ph.D.	University of Idaho
NAC/ISDA 2005-3	4,600.00			*Evaluation of Cork Bark and Subalpine Fir for Their Potential as Ornamental Nursery Stock and Christmas Trees* (continuation)	Danny L. Barney, Ph.D.	University of Idaho
NAC/ISDA 2005-4	10,836.00			*Using Auxin Treatments to Improve Pinyon Pine Transplant Survival*	Robert R. Tripepi, Ph.D.	University of Idaho
NAC/ISDA 2005-5		13,966.00		*Transplanting Grand Fir to a Gravel Bed*	Robert R. Tripepi, Ph.D.	University of Idaho
	1,000.00			*Nursery Industry Survey*	Don Gerhardt	Idaho Agricultural Statistics Service, USDA
	2,000.00			*Horticultural Research Institute*		
	2,371.70			*Idaho State Florist Association*		
Total	**49,199.55**	**23,966.00**				
2004 Project #	**Approved Grant Amount $**	**Denied Amount $**	**Returned Unused $**	**Research/Education Project**	**Principal Investigator**	**Institution**

NAC/ISDA 2004-1	4,258.00			*Holding Bareroot Colorado Spruce Trees in a Gravel Bed*	Robert R. Tripepi, Ph.D. & John E. Lloyd, Ph.D.	University of Idaho
NAC/ISDA 2004-2	8,398.00			*Evaluating Pinyon Pine and Subalpine Fir Root Growth in a Gravel Bed Growing System*	Robert R. Tripepi, Ph.D.	University of Idaho
NAC/ISDA 2004-3	3,700.00			*Evaluation of Corkbark and Subalpine Fir for Their Potential as Ornamental Nursery Stock and Christmas Trees* (continuation)	Danny L. Barney, Ph.D.	University of Idaho
NAC/ISDA 2004-4		5,000.00		*Super Absorbent Douglas Fir Bark: A New Container Medium Component*	Virginia I. Lohr, Ph.D. & Caroline H. Pearson-Mims, Ph.D.	Washington State University
NAC/ISDA 2004-5	15,000.00			*Effects of Holding Treatments on the Health of Transplanted Conifers*	John E. Lloyd, Ph.D.; Robert R. Tripepi, Ph.D.; Jennifer Wood	University of Idaho
NAC/ISDA 2004-6	5,000.00			*Alternative Practices for Aphid & Honeydew Management on Landscape Trees*	John E. Lloyd, Ph.D. & Steve Nittolo	University of Idaho
	1,000.00			*Nursery Industry Survey*	Don Gerhardt	Idaho Agricultural Statistics Service, USDA
Total	**37,356.00**	**5,000.00**				
2003 Project #	**Approved Grant Amount $**	**Denied Amount $**	**Returned Unused $**	**Research/Education Project**	**Principal Investigator**	**Institution**
NAC/ISDA 2003-1	3,425.00			*Evaluation of Corkbark and SubAlpine Fir for Their Potential as Ornamental Nursery Stock and Christmas Trees* (continuation)	Danny L. Barney, Ph.D.	University of Idaho
NAC/ISDA 2003-2	4,360.25			*Defining Business Operations Related to the Green Industry*	J.D. Wulfhorst, Ph.D. & Sandra E. Cann, Ph.D.	University of Idaho
NAC/ISDA 2003-3	21,366.00			*Examining Fertilizer Treatments Used on Colorado Spruce to Maintain Post-Harvest Quality*	Robert R. Tripepi, Ph.D. & John E. Lloyd, Ph.D.	University of Idaho
NAC/ISDA 2003-4		14,823.00		*Determining the Effects of Fertilizer Treatments One Year After Application to Harvested B&B Colorado Spruce*	Robert R. Tripepi, Ph.D. & John E. Lloyd, Ph.D.	University of Idaho
NAC/ISDA 2003-5		9,000.00		*White Fly Eradication with Ozone*	Janet Richardson	Lost River Geothermal
NAC/ISDA 2003-6		5,000.00		*Growing Bear Grass In Greenhouses*	Janet Richardson	Lost River Geothermal

NAC/ISDA 2003-7	13,008.00			*Using Degree-Day and Plant Phenological Models to Accurately Time Chemical Treatment of White Pine Weevil in Conifer Nurseries* (project will be held over for the 2004 field season)	John E. Lloyd, Ph.D.; Robert Wilson, Ph.D.; Edward Bechinski, Ph.D.	University of Idaho
	1,000.00			*Nursery Industry Survey*	Don Gerhardt	Idaho Agricultural Statistics Service, USDA
Total	**43,159.25**	**28,823.00**				
2002 Project #	**Approved Grant Amount $**	**Denied Amount $**	**Returned Unused $**	**Research/Education Project**	**Principal Investigator**	**Institution**
NAC/ISDA 2002-1		10,000.00		*Development of Improved Landscape Plants*	Harold Pellett, Ph.D.	Landscape Plant Development Center
NAC/ISDA 2002-2	2,900.00			*Evaluation of Corkbark and Subalpine Fir for Their Potential as Ornamental Nursery Stock and Christmas Trees* (continuation of grant NAC/ISDA 2001-4)	Danny L. Barney, Ph.D.	University of Idaho
NAC/ISDA 2002-3	21,016.00			*Examining Fertilizer Treatments Used on Colorado Spruce to Maintain Post-Harvest Quality*	Robert R. Tripepi, Ph.D.	University of Idaho
NAC/ISDA 2002-4	5,709.00			*Evaluating a Gravel Bed Growing System to Produce Conifer Seedlings for Fall Transplanting* (continuation of grant NAC/ISDA 2001-1)	Robert R. Tripepi, Ph.D.	University of Idaho
	1,000.00			*Nursery Industry Survey*	Don Gerhardt	Idaho Agricultural Statistics Service, USDA
Total	**30,625.00**	**10,000.00**				
2001 Project #	**Approved Grant Amount $**	**Denied Amount $**	**Returned Unused $**	**Research/Education Project**	**Principal Investigator**	**Institution**
NAC/ISDA 2001-1	7,246.00			*Evaluating a Gravel Bed Growing System to Produce Conifer Seedlings for Fall Transplanting*	Robert R. Tripepi, Ph.D.	University of Idaho
NAC/ISDA 2001-2		4,580.00		*Improving Gene Transfer Techniques for Rhododendron*	Robert R. Tripepi, Ph.D.	University of Idaho

NAC/ISDA 2001-3		10,972.00		*Integrated Disease Management of Rhizoctonia in Rooting-Mist Beds* (This proposal was rescinded.)	Warren Copes, Ph.D.	Washington State University
NAC/ISDA 2001-4	1,131.00			*Evaluation of Corkbark and Subalpine Fir for Their Potential as Ornamental Nursery Stock and Christmas Trees* (continuation of grant NAC/ISDA 2000-1)	Danny L. Barney, Ph.D.	University of Idaho
	1,000.00			*Nursery and Greenhouse Survey*	Don Gerhardt	Idaho Agricultural Statistics Service, USDA
Total	**9,377.00**	**15,552.00**				
2000 Project #	**Approved Grant Amount $**	**Denied Amount $**	**Returned Unused $**	**Research/Education Project**	**Principal Investigator**	**Institution**
NAC/ISDA 2000-1	4,280.00			*Evaluation of Corkbark and Subalpine Fir for Their Potential as Ornamental Nursery Stock and Christmas Trees*	Danny L. Barney, Ph.D.	University of Idaho
NAC/ISDA 2000-2	2,448.00			*Production of Evergreen Shrubs in Paper Sludge-Amended Media*	Robert R. Tripepi, Ph.D.	University of Idaho
NAC/ISDA 2000-3	1,000.00			*Idaho Nursery and Greenhouse Survey - 1999*	Don Gerhardt	Idaho Agricultural Statistics Service, USDA
NAC/ISDA 2000-4	20,000.00			*Economic Impact Analysis of Horticulture Industry in Idaho (Cover title is: The Green Industry in Idaho, July 2001)*	J.D. Wulfhorst, Ph.D.; James R. Nelson, Ph.D.; R.G. Taylor, Ph.D.	University of Idaho
Total	**27,728.00**					