

**Minutes of the
Idaho Nursery and Florist Advisory Committee Meeting
9:00 a.m. – 12:00 p.m., January 19, 2008
Boise Center on the Grove - Boise, Idaho**

In Attendance:

Committee Members

Howard Hughes, Hughes Greenhouses, Post Falls, ID – Committee Chairman - Present
Bill Dial, Custom Pools, Inc., Boise, ID – Committee Member - Present
Kevin Allen, Pro-Care Landscape Services, Meridian, ID – Committee Member - Present
Willy Birkholz, Franz Witte Company – Committee Member - Absent
Matt Wolff, Baxter Wholesale Nursery, Emmett, ID – Committee Member - Present
Gary Paulson, Mountain Plants Inc. - Committee Member - Present
Dr. James E. Johnson, University of Idaho – University of Idaho Representative - Absent
Michael E. Cooper, Idaho State Department of Agriculture (ISDA) – ISDA Representative - Present

Guests

Ann Bates, Idaho Nursery and Landscape Association
Bill Meyer, Idaho Agriculture Statistics Service
Bob Tripepi, University of Idaho
Brian Winn, Idaho Nursery and Landscape Association
Ruth Herman, Idaho State Department of Agriculture
Stephen Love, University of Idaho
Tom Salaiz, University of Idaho

Chairman Hughes called the meeting to order at 9:00 a.m.

Bill Meyer of USDA Idaho Agriculture Statistics gave an update on the 2007 Idaho Agriculture Statistics handbook. The Idaho Nursery and Greenhouse Industry (including sod and Christmas trees) was one of the featured commodities on the cover and on page 18 of the handbook. The Nursery & Greenhouse Industry has grown in the last five years, nearly 50% from 2002, with the development that has gone on in the state. It ranked #7 in the state for value of production as shown on page 7 of the handbook. There were 611 questionnaires returned, about an 80-85% return. Mr. Meyer asked the Committee to encourage growers to participate in the survey. The Committee asked Mr. Meyer to put together a proposal on the additional cost to do a yearly nursery survey on the square footage under glass of nursery and greenhouse crops and the number of field grown acres in production in addition to the production data they have been collecting. Mr. Meyer replied via e-mail on Tuesday, January 22, 2008, and suggested that we wait one year before starting a yearly acreage survey. Every five years the USDA does a census of what is grown in Idaho. The census data would give us a bench mark to make acreage estimates for the following years. The agriculture census will be released early in 2009. The USDA mails out a questionnaire in December, sends a reminder in late February, and publishes the census in late April. A census is required by federal law and the census determines the amount of federal nursery grant money divided among the states. The delay of the annual nursery survey was approved by Committee members via e-mail.

Budget

Mike Cooper reported that the cash balance of the research fund as of December 31, 2007, was **\$159,475.90**.

- Grant requests for 2007 totaled \$55,483.00. A total of \$40,417.00 was approved; \$20,208.50 was disbursed to the grantees leaving a total of \$20,208.50 to be disbursed upon approval of the final reports.
- An endowment of \$3,000 was made to the Horticultural Research Institute.
- A contract payment of \$1,000 was made to the Idaho Agricultural Statistics Service for the 2006 survey.
- An educational Outreach grant of \$5,500 was made to the Idaho Nursery and Landscape Association for speakers for the Annual "Idaho Horticulture Expo" trade show.
- Grant requests for 2008 total \$76,979.00.

| | Receipts | Expenses | Balance |
|--------|-------------|-------------|--------------|
| FY2006 | \$56,975.00 | \$54,671.06 | \$129,037.20 |
| FY2007 | \$58,491.96 | \$54,981.64 | \$132,547.52 |
| FY2008 | \$42,844.58 | \$10,966.20 | \$164,425.90 |

as of 1/18/08. This is different than the handout to the committee members

Old Business

The 2007 Mid-Year Reports were reviewed by Idaho Nursery and Florist Advisory Committee (INFAC) members on a conference call held September 18, 2007. Gary Paulson made a motion to approve the conference call minutes and Bill Dial seconded the motion. The minutes were approved by the committee.

Review of Final Reports

1) NAC/ISDA 2007 – 1, \$4,482 “Improving Rooting of Pinyon Pine Seedlings by Using Naphthaleneacetic Acid Treatments” - Dr. Robert Tripepi, University of Idaho. A motion was made and seconded to accept this proposal and authorizing an additional \$1,518 for a total of \$6,000 to support the extension of the program to include the addition of field testing, in addition to the gravel bed testing submitted in the proposal, and to cover the cost of additional labor and plant material. The motion passed unanimously. Comments in support of this proposal were made by Brian Winn, INLA Research Committee Chairman. ***An amended proposal in the amount of \$5,996 was filed by Dr. Tripepi on February 21, 2007.*** Interim Report – A motion to accept the report was made by Matt Wolff and seconded by Bill Dial; the motion was then approved by the full committee. **This grant has an outstanding balance of \$2,998. Final Report – see below.**

2) NAC/ISDA 2007 – 2, \$14,471 “Production of Native Plants in Potting Media Amended with Flushed Cattle Biosolids” - Dr. Robert Tripepi, University of Idaho. A motion was made and seconded to accept this proposal with the stipulation that Dr. Tripepi research the use of biosolids from local sources before acquiring material from southern Idaho. The motion passed unanimously. Interim Report – A motion to accept the report was made by Bill Dial and seconded by Matt Wolf; the motion was then approved by the full committee. **This grant has an outstanding balance of \$7,235.50. Final Report – see below.**

3) NAC/ISDA 2007 – 4, \$8,280 “Breeding Native Western Plants for Use in the Green Industry” - Dr. Brad Geary, Brigham Young University. A motion was made and seconded to accept this proposal, contingent upon the author filing an amended proposal correcting item “I.” to replace “Idaho Nursery and Landscape Association” with “Idaho Nursery and Florists Advisory Committee,” who is funding the proposal. The motion passed unanimously. ***A revised agreement was received on February 28, 2007.*** Interim Report – A motion to accept the report was made by Bill Dial and seconded by Gary Paulson; the motion was then approved by the full committee. **An extension of this grant was requested by Dr. Geary on November 23, 2007. This grant has an outstanding balance of \$4,140. Final Report – see below.**

4) NAC/ISDA 2007 – 5, \$11,670 “Evaluation of Native and Adapted Plants for Landscape Use” - Dr. Stephen L. Love, University of Idaho. A motion was made and seconded to accept this proposal. The motion passed unanimously. Ann Bates told the committee the INLA is tracking this type of research and is working with the author. Interim Report – A motion to accept the report was made by Gary Paulson and seconded by Matt Wolff; the motion was then approved by the full committee. **This grant has an outstanding balance of \$5,835. Final Report – see below.**

Bill Dial made a motion to approve all of the reports. Matt Wolff seconded. Comment was made that all reports were easier to read than in the past. The Committee approved all the final reports.

New Business

Research Proposals

Kevin Allen brought Willy Burkholz's written comments about the 2008 Research Proposals.

- 1) NAC/ISDA 2008-1, \$5,000, "Managing New and Emerging Virus Threats to the Green Industry" – Hanu R. Pappu, Ph.D., Associate Professor, Washington State University. Comments in support of this proposal were made by Brian Winn, INLA Research Committee Chairman. This research targets one virus, Streptocarpus flower break virus (SFBV), that may affect a host range of plants. The virus manifests as flower breaking and may affect other ornamental plant species which concerns the guests and committee. Motion to approve the proposal was made by Gary Paulson and Bill Dial seconded with an amendment to ask for a breakdown of the cost. The motion passed unanimously.
- 2) NAC/ISDA 2008-2, \$11,355, "Evaluation of Native and Adapted Plants for Landscape Use" – Stephen L. Love, Ph.D., University of Idaho. Comments in support of this proposal were made by Brian Winn, INLA Research Committee Chairman. They are excited to see Dr. Love's project continue. Kevin Allen commented that he enjoys reading Dr. Love's reports. Motion to approve the proposal was made by Matt Wolff and Gary Paulson seconded. The motion passed unanimously.
- 3) NAC/ISDA 2008-3, \$3,753, "Evaluation of Native and Traditional Turf grass Species for Low-Maintenance Lawns" – Thomas A. Salaiz, University of Idaho. Comments in support of this proposal were made by Brian Winn, INLA Research Committee Chairman. There was much discussion about the benefits of this study. Motion to approve the proposal was made by Bill Dial and Kevin Allen seconded. The motion passed unanimously.
- 4) NAC/ISDA 2008-4, \$16,561, "Nursery Technical Resource Center" – Danny L. Barney, Ph.D.; Stephen L. Love, Ph.D., Robert R. Tripepi, Ph.D., University of Idaho. Concerns about this proposal in regard to the expense and lag time were made by Brian Winn, INLA Research. There was much discussion and questions about the resource center and website. Dr. Love and Dr. Tripepi answered that Dr. Barney's intent is the funding should be for only one year to start the call center and expand the website. The Nursery/Greenhouse Industry professionals have been asking for a resource to answer specific questions about plants and soil amendments. The goal of the call center would be to get the question from professionals in the Nursery industry and respond with the information within 24 hours. Motion of approval for this proposal was made by Matt Wolff and Kevin Allen seconded the motion. Willy Birkholz abstained by proxy. There was no opposition. Bill Dial commented that the industry needs a professional to answer questions. It has a good aspect of marketing for the small nurseryman who may oppose the research funding. The motion passed unanimously.
- 5) NAC/ISDA 2008-5, \$26,340, "Native Plants Production in Potting Media Amended with Anaerobic Digested Cattle Biosolids" – Robert R. Tripepi, Ph.D., University of Idaho. Comments in support of this proposal were made by Brian Winn, INLA Research Committee Chairman. There are five anaerobic digesters and it will be a consistent inert product. Maybe in the future the dairy industry will get involved because manure is a regulated waste. The cattle producers would see it as an advantage for disposal. Motion to approve was made by Bill Dial and Gary Paulson seconded. It was approved with a five to one vote.
- 6) NAC/ISDA 2008-6, \$13,970, "Ornamental Quality Ratings of Malus Cultivars" – Michael E. Bauer, University of Idaho Extension. INLA: Brian Winn, INLA Research Committee Chairman said they recommended denying this proposal. Committee members thought that there are plenty of crabapple plots around the country and enough research being done. Motion to deny this proposal was made by Matt Wolff and Bill Dial seconded. All committee members were in favor to deny this proposal.

Other Business

Renewal of the Annual Nursery Survey Contract with the Idaho Agricultural Statistics Service – Approved by the Committee.

Authorization for the Chairman of the Idaho Nursery and Florist Advisory Committee to make education outreach grant as requested – INLA waited to see if there were other requests for funding before they requested \$5,500. (Item #9 New Business from the January 20, 2007, meeting.) Matt Wolff moved that they reauthorize use of up to \$5,000 in total for education outreach. Gary Paulson seconded the motion. The motion passed unanimously. The Florists' convention is in September and they need to be reminded that this is available. Brian Winn commented that the timeline change of the submission of proposals is well-liked by the INLA.

Nursery License fee increase -- One phone call and two written comments on nursery license renewal opposed the increase. It goes to the RS next Tuesday, January 22, 2008. Chairman Howard Hughes will write a letter of support to the legislature. Mike will e-mail the RS number to Ann Bates.

Bob Tripepi said that an Urban Horticulturist position will be available at the University of Idaho.

A summary of research grants approved and denied was handed out to the committee members. *The educational outreach grants were later added to the summary per the Chairman's request.*

The Committee Adjourned at 11:20 a.m.



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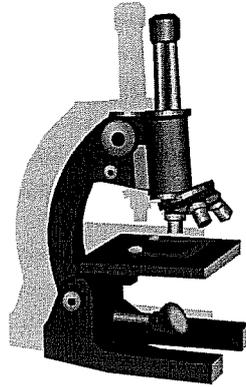
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Idaho Nursery and Landscape Association

Research Committee



Evaluation of 2008 Research Proposals and Funding Requests

**Brian Winn
Mike Mount
Joan Mount
Gary Paulson
Gene Andrews
Connie Earheart
Ryan Muchow
Shane Riddle
Patricia Smith**

1. NAC/ISDA 2008-1
2. Dr. Hanu Pappu
3. Managing New and Emerging Virus Threats to the Green Industry.
4. \$5,000

This proposal is somewhat limited in scope and we had some concerns about how this virus directly affects the Idaho nursery industry as a whole. There was quite a bit of discussion in our group about whether this particular virus is truly a threat. The proposal is "pure research" and well worth the time and money if, in fact, we do slow down or stop a virus before it becomes trouble for the greenhouse and floral part of the industry. The committee suggests funding for this proposal and is interested to see the mid-term and final reports about his work.

1. NAC/ISDA 2008-2
2. Dr. Stephen Love
3. Evaluation of Native and Adapted Plants for Landscape Use.
4. \$11,355

What can we say here except that we are very excited to see more of Dr. Love's work with native plants. We are encouraged with the results from the previous years' work and excited to see that he will be propagating some of the superior species from his 2005 accessions. The committee recommends funding for this project.

1. NAC/ISDA 2008-3
2. Thomas Salziz
3. Evaluation of Native and Traditional Turfgrass Species for Low Maintenance Lawns.
4. \$3,753

Although this research is similar in scope to what some of the seed growers in the northern part of the state have done in years past, we still feel that this research is pertinent to the industry because of the harsh climate in Aberdeen. Some of the varieties tested are available on the market but not readily available at this time. There are other varieties that we haven't even heard of before and are curious to how some of these stand up to the Kentucky Blues and Fescues. The committee recommends funding for this proposal.

1. NAC/ISDA 2008-4
2. Dr. Barney, Dr. Love and Dr. Tripepi
3. Nursery Technical Resource Center
4. \$16,561

Another proposal that had quite a bit of debate. The cost was our biggest concern here. Will this cost \$16,000 every year and what is in the works for future funding if this succeeds? It is our understanding that this conduit or framework(NTRC) exists right now in other universities and wondered if we could plug into that existing framework so we don't have to reinvent the wheel here in Idaho. Other concerns were expressed about this project being "mainstream" enough for the growers in Idaho. Are they going to use a tool like this? Right now we have access to these professors with a phone call. The committee recommends that funding be denied for this research.

1. NAC/ISDA 2008-5
2. Dr. Robert Tripepi
3. Native Plant Production in Potting Media Amended with Anaerobic Digested Cattle Biosolids.
4. \$26,340

The committee is excited to see what Dr. Tripepi and his grad student can do with the anaerobically digested manure. The flushed biosolids produced great results and we hope the digested manure will work even better. We believe this research has big potential, not only for Idaho, but for Oregon nurseries and others across the West. We would like to see this research continued and see great potential funding from the dairy industry for future studies if this takes off. The committee recommends funding for this research.

1. NAC/ISDA 2008-6
2. Michael Gauer
3. Ornamental Quality Ratings of Malus Cultivars
4. \$14720

The committee would like to see funding for this research denied. We feel that most of the money will be used to clean up the park and bring these trees back up to par. This particular study has been done before by growers in Oregon in addition to the national study that is mentioned in the proposal. Many of the bare-root growers in Oregon do numerous years of study before they even begin to sell the product wholesale to people like us. The money can be spent better elsewhere.

Future Research Proposals

- a. The genetic makeup of deer resistant plants. What is in the genetic code of some plants that make them undesirable to deer? Can we take a sequence of genomes from a deer resistant variety and place them in some highly regarded ornamentals? I think the same thing can be said for gophers, moles and voles. Long term project.
- b. What is the Hispanic impact to the Idaho nursery industry? Many studies have been done about the economics of the green industry in Idaho but what will happen to the industry if we close the borders and regulations are tightened up? We all know things are going to change with the new presidential administration coming on board. What will that mean to us in \$\$\$? What do we need to know? What is being done on the national level with the ANLA?
- c. The use of paper sludge in potting mixes as a replacement for peat and/or bark. Some of the nurseries in the north are beginning to use seed hulls from the larger seed cleaning companies like Jacklin Seed in Post Falls. What else is out there that we can use?

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

| 2008 Project # | Grant Amount \$ | Denied Amount \$ | Research/Education Project | Principal Investigator | Institution |
|---|------------------|------------------|--|--|------------------------------------|
| NAC/ISDA 2008-1 | 5,000.00 | | <i>Managing New and Emerging Virus Threats to the Green Industry</i> | Hanu R. Pappu, Ph.D. | Washington State University |
| NAC/ISDA 2008-2 | 11,355.00 | | <i>Evaluation of Native and Adapted Plants for Landscape Use</i> | Stephen L. Love, Ph.D. | University of Idaho |
| NAC/ISDA 2008-3 | 3,753.00 | | <i>Evaluation of Native and Traditional Turfgrass Species for Low-Maintenance Lawns</i> | Thomas A. Salaiz | University of Idaho |
| NAC/ISDA 2008-4 | 16,561.00 | | <i>Nursery Technical Resource Center</i> | 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 | | <i>Native Plants Production in Potting Media Amended With Anaerobic Digested Cattle Biosolids</i> | Robert R. Tripepi, Ph.D. | University of Idaho |
| NAC/ISDA 2008-6 | | 13,970.00 | <i>Ornamental Quality Ratings of Malus Cultivars</i> | Michael Bauer | University of Idaho Extension |
| Total | 63,009.00 | 13,970.00 | | | |
| 2007 Project # | Grant Amount \$ | Denied Amount \$ | Research/Education Project | Principal Investigator | Institution |
| NAC/ISDA 2007-1 (see explanation of final \$\$ under Research/Education Project) | 5,996.00 | | <i>Improving Rooting of Pinyon Pine Seedlings by Using Naphthaleneacetic Acid Treatments</i> (Proposed \$4,482 plus an additional \$1,518 was approved for a total of \$6,000; amount was modified to \$5,996.) | Robert R. Tripepi, Ph.D. | University of Idaho |
| NAC/ISDA 2007-2 | 14,471.00 | | <i>Production of Native Plants in Potting Media Amended with Flushed Cattle Biosolids</i> | Robert R. Tripepi, Ph.D. | University of Idaho |
| NAC/ISDA 2007-3 | | 6,580.00 | <i>Evaluation and Selection of Native Woody Plants for the Intermountain Region</i> | William A. Hoch, Ph.D. | Montana State University |
| NAC/ISDA 2007-4 | 8,280.00 | | <i>Breeding Native Western Plants for Use in the Green Industry</i> | Brad Geary, Ph.D. | Brigham Young University |
| NAC/ISDA 2007-5 | 11,670.00 | | <i>Evaluation of Native and Adapted Plants for Landscape Use</i> | Stephen L. Love, Ph.D. | University of Idaho |
| NAC/ISDA 2007-6 | | 10,000.00 | <i>Development of Improved Landscape Plants</i> (continuation) | Harold Pellett, Ph.D. | Landscape Plant Development Center |

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|---|------------------------|-------------------------|---|--|---|
| | 1,000.00 | | Nursery Association Survey | William Meyer | Idaho Agricultural Statistics Service, USDA |
| | 5,500.00 | | Idaho Nursery & Landscape Association | | |
| | 3,000.00 | | Horticulture Research Institute | | |
| Total | 49,917.00 | 16,580.00 | | | |
| 2006 Project # | Grant Amount \$ | Denied Amount \$ | Research/Education Project | Principal Investigator | Institution |
| NAC/ISDA 2006-1 | 11,820.00 | | <i>Evaluation of Native and Adapted Plants for Landscape Use</i> | Steven L. Love, Ph.D. & Thomas A. Salaiz | University of Idaho |
| NAC/ISDA 2006-2 (see explanation of final \$\$ under Research/Education Project) | 3,543.04 | | <i>Facilitation of Both a Statewide Arboretum Program and a New Plant Material Marketing System in Idaho</i> (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 | | <i>Evaluation of Corkbark and Subalpine Fir for Their Potential as Ornamental Nursery Stock and Christmas Trees</i> (continuation) (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 | <i>Lake Pend Oreille Shoreline Landscape Education and Demonstration Project</i> | 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 | | <i>Development of Improved Landscape Plants</i> (\$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 | | <i>Using Shade to Improve Transplant Survival of Pinyon Pine and Sub-alpine Fir Seedlings</i> | Robert R. Tripepi, Ph.D. | University of Idaho |
| NAC/ISDA 2006-7 | 4,520.00 | | <i>Growing Pinyon Pine and Sub-alpine Fir Seedlings in Fabric and Plastic Containers</i> | Robert R. Tripepi, Ph.D. | University of Idaho |
| NAC/ISDA 2006-8 | 19,050.00 | | <i>Effects of Wedgle-Injected Plant Growth Regulator Flurprimidol on Herbivory and Stress Resistance in Patmore Green Ash (<i>Fraxinus pennsylvanica</i> 'Patmore')</i> | John E. Lloyd, Ph.D. | University of Idaho |
| NAC/ISDA 2006-9 (see explanation of final \$\$ under Research/Education Project) | | | <i>Impact of Mycorrhizal Root Dip on the Transplant Success of Ornamental Trees</i> (\$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 |

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|--|------------------------|-------------------------|--|---|---|
| | 1,000.00 | | Nursery Association Survey | William Meyer | Idaho Agricultural Statistics Service, USDA |
| | 3,000.00 | | Idaho Nursery & Landscape Association | | |
| Total | 60,573.04 | 15,000.00 | | | |
| 2005 Project # | Grant Amount \$ | Denied Amount \$ | Research/Education Project | Principal Investigator | Institution |
| NAC/ISDA 2005-1 (see explanation of final \$\$ under Research/ Education Project) | 5,000.00 | | 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. | 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 Association 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 | 13,966.00 | | | |
| 2004 Project # | Grant Amount \$ | Denied Amount \$ | 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 | | Effect of Holding Treatments on the Health of Transplanted Conifers | John E. Lloyd, Ph.D.; Robert R. Tripepi, Ph.D.; Jennifer Wood | University of Idaho |

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| 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 Association Survey | Don Gerhardt | Idaho Agricultural Statistics Service, USDA |
| Total | 37,356.00 | 5,000.00 | | |
| 2003 Project # | Grant Amount \$ | Denied Amount \$ | Principal Investigator | Institution |
| NAC/ISDA 2003-1 | 3,425.00 | | Danny L. Barney, Ph.D. | University of Idaho |
| NAC/ISDA 2003-2 | 4,360.25 | | J.D. Wulfhorst, Ph.D. & Sandra E. Cann, Ph.D. | University of Idaho |
| NAC/ISDA 2003-3 | 21,366.00 | | Robert R. Tripepi, Ph.D. & John E. Lloyd, Ph.D. | University of Idaho |
| NAC/ISDA 2003-4 | | 14,823.00 | Robert R. Tripepi, Ph.D. & John E. Lloyd, Ph.D. | University of Idaho |
| NAC/ISDA 2003-5 | | 9,000.00 | Janet Richardson | Lost River Geothermal |
| NAC/ISDA 2003-6 | | 5,000.00 | Janet Richardson | Lost River Geothermal |
| NAC/ISDA 2003-7 | 13,008.00 | | John E. Lloyd, Ph.D.; Robert Wilson, Ph.D.; Edward Bechinski, Ph.D. | University of Idaho |
| Total | 43,159.25 | 28,823.00 | Don Gerhardt | Idaho Agricultural Statistics Service, USDA |
| 2002 Project # | Grant Amount \$ | Denied Amount \$ | Principal Investigator | Institution |
| NAC/ISDA 2002-1 | | 10,000.00 | Harold Pellett, Ph.D. | Landscape Plant Development Center |
| NAC/ISDA 2002-2 | 2,900.00 | | Danny L. Barney, Ph.D. | University of Idaho |
| NAC/ISDA 2002-3 | 21,016.00 | | Robert R. Tripepi, Ph.D. | University of Idaho |
| NAC/ISDA 2002-4 | 5,709.00 | | Robert R. Tripepi, Ph.D. | University of Idaho |

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| | | 1,000.00 | | Nursery Association Survey | Don Gerhardt | Idaho Agricultural Statistics Service, USDA |
| Total | | 30,625.00 | 10,000.00 | | | |
| 2001 Project # | | Grant Amount \$ | Denied Amount \$ | Research/Education Project | Principal Investigator | Institution |
| NAC/ISDA 2001-1 | | 7,246.00 | | <i>Evaluating a Gravel Bed Growing System to Produce Conifer Seedlings for Fall Transplanting</i> | Robert R. Tripepi, Ph.D. | University of Idaho |
| NAC/ISDA 2001-2 | | | 4,580.00 | <i>Improving Gene Transfer Techniques for Rhododendron</i> | Robert R. Tripepi, Ph.D. | University of Idaho |
| NAC/ISDA 2001-3 | | 10,972.00 | | <i>Integrated Disease Management of Rhizoctonia in Rooting-Mist Beds (This proposal was rescinded.)</i> | Warren Copes, Ph.D. | Washington State University |
| NAC/ISDA 2001-4 | | 1,131.00 | | <i>Evaluation of Corkbark and Subalpine Fir for Their Potential as Ornamental Nursery Stock and Christmas Trees (continuation of grant NAC/ISDA 2000-1)</i> | Danny L. Barney, Ph.D. | University of Idaho |
| Total | | 20,349.00 | 4,580.00 | <i>Nursery and Greenhouse Survey</i> | Don Gerhardt | Idaho Agricultural Statistics Service, USDA |
| 2000 Project # | | Grant Amount \$ | Denied Amount \$ | Research/Education Project | Principal Investigator | Institution |
| NAC/ISDA 2000-1 | | 4,280.00 | | <i>Evaluation of Corkbark and Subalpine Fir for Their Potential as Ornamental Nursery Stock and Christmas Trees</i> | Danny L. Barney, Ph.D. | University of Idaho |
| NAC/ISDA 2000-2 | | 2,448.00 | | <i>Production of Evergreen Shrubs in Paper Sludge-Amended Media</i> | Robert R. Tripepi, Ph.D. | University of Idaho |
| NAC/ISDA 2000-3 | | 1,000.00 | | <i>Idaho Nursery and Greenhouse Survey - 1999</i> | Don Gerhardt | Idaho Agricultural Statistics Service, USDA |
| NAC/ISDA 2000-4 | | 20,000.00 | | <i>Economic Impact Analysis of Horticulture Industry in Idaho</i> | J.D. Wulffhorst, Ph.D.; James R. Nelson, Ph.D.; R.G. Taylor, Ph.D. | University of Idaho |
| Total | | 27,728.00 | | | | |

Mike Cooper

From: Willy Birkholz [willy@idaholawncare.com]
Sent: Friday, February 08, 2008 3:46 PM
To: Mike Cooper
Subject: RE: Meeting Minutes

I approve.

William (Willy) Birkholz
Pro Care Landscape Services
5121 W. Chinden Blvd.
Garden City, Idaho 83714
Phone (208) 288-5589
Fax (208) 288-5594
willy@idaholawncare.com
Our website

From: Mike Cooper [mailto:MCOOPER@agri.idaho.gov]
Sent: Friday, February 08, 2008 3:35 PM
To: Willy Birkholz
Subject: RE: Meeting Minutes

I will need your approval once you have had a chance to read through the Minutes.

Michael E. Cooper, Bureau Chief

Plant Industries Division

Idaho State Department of Agriculture

P.O. Box 790

Boise, ID 83701

Physical Address: 2270 Old Penitentiary Road

Boise, ID 83712

Phone: (208) 332-8620

Fax: (208) 334-2283

E-mail: mcooper@agri.idaho.gov

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From: Willy Birkholz [mailto:willy@idaholawncare.com]

Sent: Friday, February 08, 2008 3:31 PM

To: Mike Cooper; abates@inlagrow.org; 'Bill Dial'; 'Gary Paulson'; hhughes_hughesgreenhouses@msn.com; DJOHNSON@UIDAHO.EDU; Kevin@Idaholawncare.com; 'Matt Wolff'; Ruth E. Herman

Subject: RE: Meeting Minutes

Thanks for the update Mike.

William (Willy) Birkholz
Pro Care Landscape Services

2/19/2008

5121 W. Chinden Blvd.
Garden City, Idaho 83714
Phone (208) 288-5589
Fax (208) 288-5594
willy@idaholawncare.com
Our website

From: Mike Cooper [mailto:MCOOPER@agri.idaho.gov]

Sent: Friday, February 08, 2008 3:04 PM

To: abates@inlagrow.org; Bill Dial; Gary Paulson; hhughes_hughesgreenhouses@msn.com; DJOHNSON@UIDAHO.EDU; Kevin@Idaholawncare.com; Matt Wolff; Ruth E. Herman; willy@idaholawncare.com

Subject: Meeting Minutes

Hi,

I hope everyone has been surviving the weather ok.

The minutes of the January 19th meeting are attached please review them and send me your comment etc. or approval I will need them to be part of the full record.

Thanks

Michael E. Cooper, Bureau Chief

Plant Industries Division

Idaho State Department of Agriculture

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Mike Cooper

From: Kevin Allen [kevin@idaholawncare.com]
Sent: Monday, February 11, 2008 8:06 AM
To: Mike Cooper; abates@inlagrow.org; 'Bill Dial'; 'Gary Paulson'; hhughes_hughesgreenhouses@msn.com; DJOHNSON@UIDAHO.EDU; 'Matt Wolff'; Ruth E. Herman; willy@idaholawncare.com
Subject: RE: Meeting Minutes

I approve the minutes.

Kevin Allen
Pro Care Landscape Services
P.O. Box 9343
Boise, ID 83707
Phone (208) 288-5589
Fax (208) 288-5594
kevin@idaholawncare.com

-----Original Message-----

From: Mike Cooper [mailto:MCOOPER@agri.idaho.gov]
Sent: Friday, February 08, 2008 3:04 PM
To: abates@inlagrow.org; Bill Dial; Gary Paulson; hhughes_hughesgreenhouses@msn.com; DJOHNSON@UIDAHO.EDU; Kevin@Idaholawncare.com; Matt Wolff; Ruth E. Herman; willy@idaholawncare.com
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Michael E. Cooper, Bureau Chief

Plant Industries Division

Idaho State Department of Agriculture Physical Address: 2270 Old Penitentiary Road

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Boise, ID 83712

Boise, ID 83701

Phone: (208) 332-8620

Fax: (208) 334-2283

E-mail: mcooper@agri.idaho.gov

Mike Cooper

From: mgw@baxternursery.com
Sent: Monday, February 11, 2008 8:30 AM
To: kevin@procarelandscapeservices.com; Mike Cooper; abates@inlagrow.org; 'Bill Dial'; 'Gary Paulson'; hhughes_hughesgreenhouses@msn.com; DJOHNSON@UIDAHO.EDU; Ruth E. Herman; willy@idaholawncare.com
Subject: Re: Meeting Minutes

I approve as well.

Matt Wolff

Sent from my Verizon Wireless BlackBerry

-----Original Message-----

From: "Kevin Allen" <kevin@idaholawncare.com>

Date: Mon, 11 Feb 2008 08:05:55

To: "Mike Cooper" <MCOOPER@agri.idaho.gov>, <abates@inlagrow.org>, "Bill Dial" <bdial@custompoolsandpatio.com>, "Gary Paulson" <mtplants@silverstar.com>, <hhughes_hughesgreenhouses@msn.com>, <DJOHNSON@UIDAHO.EDU>, "Matt Wolff" <mgw@baxternursery.com>, "Ruth E. Herman" <rherman@agri.idaho.gov>, <willy@idaholawncare.com>

Subject: RE: Meeting Minutes

I approve the minutes.

Kevin Allen

Pro Care Landscape Services

P.O. Box 9343

Boise, ID 83707

Phone (208) 288-5589

Fax (208) 288-5594

kevin@idaholawncare.com

-----Original Message-----

From: Mike Cooper [mailto:MCOOPER@agri.idaho.gov]

Sent: Friday, February 08, 2008 3:04 PM

To: abates@inlagrow.org; Bill Dial; Gary Paulson; hhughes_hughesgreenhouses@msn.com; DJOHNSON@UIDAHO.EDU; Kevin@Idaholawncare.com; Matt Wolff; Ruth E. Herman; willy@idaholawncare.com

Subject: Meeting Minutes

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Thanks

Michael E. Cooper, Bureau Chief
Plant Industries Division
Idaho State Department of Agriculture
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Boise, ID 83701

Physical Address: 2270 Old Penitentiary Road
Boise, ID 83712

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Mike Cooper

From: mtplants@silverstar.com
Sent: Monday, February 18, 2008 9:13 AM
To: Mike Cooper; abates@inlagrow.org; Bill Dial; Gary Paulson; hhughes_hughesgreenhouses@msn.com; DJOHNSON@UIDAHO.EDU; Kevin@Idaholawncare.com; Matt Wolff; Ruth E. Herman; willy@Idaholawncare.com
Subject: Re: Meeting Minutes

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> them and send me your comment etc. or approval I will need them to be
> part of the full record.

>

>

> Thanks

>

>

> Michael E. Cooper, Bureau Chief

>

> Plant Industries Division

>

> Idaho State Department of Agriculture Physical Address: 2270 Old

> Penitentiary Road

> I approve the minutes as written.

- Gary

> P.O. Box 790

> Boise, ID 83712

>

> Boise, ID 83701

>

>

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> Phone: (208) 332-8620

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