

| Report Information | | | | |
|--------------------|--------------|------------|-------------------------|--------------|
| Award Type | Award Number | Prime DUNS | Calendar Year / Quarter | Final Report |
| Grant | 0575-0015 | 066470972 | 2010 / 2 | No |

| Award Recipient Information | |
|---|---|
| Recipient DUNS Number 066470972 | Recipient Address 1 107 SAMFORD HALL |
| Recipient Account Number 381034 | Recipient Address 2 |
| Recipient Congressional District 02 | Recipient City AUBURN |
| Parent DUNS Number 066470972 | Recipient State AL |
| Recipient Type 2U.95.G6.M8.OH.VW | Recipient ZIP Code + 4 368490001 |
| Recipient Legal Name AUBURN UNIVERSITY | Recipient Country USA |
| Recipient DBA Name | |

| Project / Award Information | |
|---|--|
| Funding Agency Code 12E4 | Total Number of Sub Awards less than \$25,000/award 0 |
| Awarding Agency Code 12E4 | Total Amount Sub Awards less than \$25,000/award 0.00 |
| Program Source (TAS) Code 12-1902 | Total Number of Sub Awards to 0 Individuals |
| Sub Account Number for Program Source | Total Amount of Sub Awards to 0.00 Individuals |
| CFDA Number 10.783 | Total Number of Payments to 8 Vendors less than \$25,000/award |
| Amount of Award 100000.00 | Total Amount of Payments to 10094.12 Vendors less than \$25,000/award |
| Award Date 07/30/2009 | |
| Award Description Technical Assistance involved with identifying the viability of alternative substrates, WholeTree of Clean Chip Residual for use by several rural nursery and greenhouse growers in the state of Alabama. WholeTree is an alternative substrate consisting of all above-ground portions of a pine tree harvested at the thinning stage; Clean Chip Residual is an alternative substrate created by chipping and milling the biomass left in the forest by thinning and salvage operations. | |

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Project Information

| Project Name or Project/ Program Title | Technical assistance for development of sustainable alternative substrates for nursery crop growers | Activity Codes (NAICS or NTEE-NPC) (up to 10) |
|--|---|---|
| Quarterly Activities/ Project Description | <p>Both on-site demonstrations in Shorter, AL and Athens, AL are still in place. Anna-Marie Murphy and Dr. Charles Gilliam have monitored both of those studies during this quarter. Data was collected at both sites monitoring substrate shrinkage, growth indices, and SPAD values.</p> <p>On June 10, 2010, the Alabama Nursery Association meeting participants toured Strain and Sons Nursery in Athens, AL as a part of their meeting agenda. The research project funded by this grant was the highlight of the tour. Substrate research updates were highlighted at the business meeting the following morning (June 11, 2010).</p> <p>Final arrangements were made for the purchase and delivery of a hammer-mill to be able to continue to process material for growers to experiment with.</p> <p>Plans for the next quarter include collecting the final data for both tests in Shorter, AL and Athens, AL. Final growth data, as well as SPAD, shrinkage measurements and marketability ratings will be taken in the last quarter, and compiled into one dataset. That information will be valuable in presenting substrate research to nursery professionals in the future.</p> <p>Also, a title will be submitted in August for the International Plant Propagators Society meeting later in the year in Raleigh, NC.</p> | <p>Activity Code 1 B43 - NTEE</p> <p>Activity Code 2</p> <p>Activity Code 3</p> <p>Activity Code 4</p> <p>Activity Code 5</p> <p>Activity Code 6</p> <p>Activity Code 7</p> <p>Activity Code 8</p> <p>Activity Code 9</p> <p>Activity Code 10</p> |

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| | |
|---|---|
| Project Status | Less than 50% completed |
| Total Federal Amount ARRA Funds Received/ Invoiced | 12149.05 |
| Number of Jobs | 2.01 |
| Description of Jobs Created | Faculty, Graduate Assistant, Technician |
| Total Federal Amount of ARRA Expenditure | 44685.63 |
| Total Federal ARRA Infrastructure Expenditure | 0.00 |
| Infrastructure Purpose and Rationale | |

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Infrastructure Contact

| | |
|--------------|-------------------------|
| Name | Street Address 1 |
| Email | Street Address 2 |
| Phone | Street Address 3 |
| Ext | City |
| | State |
| | ZIP Code + 4 |

Primary Place of Performance

| |
|----------------------------------|
| Address 1 |
| Address 2 |
| City Auburn University |
| Country Code US |
| State AL |
| ZIP Code + 4 36849 - 0001 |
| Congressional District 02 |

Recipient Highly Compensated Officers

| | |
|---|-------------------------------|
| Prime Recipient Indication of Reporting Applicability No | Officer 3 Name |
| Officer 1 Name | Officer 3 Compensation |
| Officer 1 Compensation | Officer 4 Name |
| Officer 2 Name | Officer 4 Compensation |
| Officer 2 Compensation | Officer 5 Name |
| | Officer 5 Compensation |

Report Audit Trail

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| Created By Cindy Selman |
| Date Created 07/01/2010 11:26 AM |
| Last Updated By Cindy Selman |
| Last Updated On 07/08/2010 08:48 AM |