

| Report Information |              |            |                         |              |
|--------------------|--------------|------------|-------------------------|--------------|
| Award Type         | Award Number | Prime DUNS | Calendar Year / Quarter | Final Report |
| Grant              | 0575-0015    | 066470972  | 2010 / 3                | No           |

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

| Project / Award Information   |  |
|---|--|
| <b>Funding Agency Code</b> 12D2   | <b>Total Number of Sub Awards less than \$25,000/award</b> 0                 |
| <b>Awarding Agency Code</b> 12D2  | <b>Total Amount Sub Awards less than \$25,000/award</b> 0.00                 |
| <b>Program Source (TAS) Code</b> 12-1902  | <b>Total Number of Sub Awards to Individuals</b> 0                           |
| <b>Sub Account Number for Program Source</b>  | <b>Total Amount of Sub Awards to Individuals</b> 0.00                        |
| <b>CFDA Number</b> 10.783   | <b>Total Number of Payments to Vendors less than \$25,000/award</b> 12       |
| <b>Amount of Award</b> 100000.00  | <b>Total Amount of Payments to Vendors less than \$25,000/award</b> 36637.18 |
| <b>Award Date</b> 07/30/2009  |  |
| <b>Award Description</b> 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/<br>Program Title            | Technical assistance for<br>development of sustainable<br>alternative substrates for<br>nursery crop growers   | Activity Codes (NAICS or NTEE-NPC) (up to 10)   |
|--|--|---|
| <b>Quarterly Activities/ Project<br/>Description</b> | <p>Both on-site demonstrations in Shorter, AL and Athens, AL have been finalized and terminated. Final data and termination photos have all been taken. Anna-Marie Murphy and Dr. Charles Gilliam have monitored both of those studies during this quarter. Data from both of these studies has been compiled for use in substrate research presentations around the region.</p> <p>The new hammer-mill was delivered to the Paterson Greenhouse Complex at Auburn University, and is currently being installed. This will be instrumental in continuing to provide alternative substrate material to growers for their own experimentation.</p> <p>Alternative substrate research was shown in a tour at the 2010 Auburn Landscape School in August. Attendees were able to view two ongoing studies evaluating alternative substrates at the Paterson Greenhouse Complex.</p> <p>A title was submitted, and accepted as a poster presentation for viewing in early October at the Southern Region International Plant Propagators Society meeting in Raleigh, NC. Growers from across the southern region of the United States will be present and available to see what work has been done in the area of alternative substrate identification and experimentation.</p> | <p><b>Activity Code 1</b> B43 - NTEE</p> <p><b>Activity Code 2</b></p> <p><b>Activity Code 3</b></p> <p><b>Activity Code 4</b></p> <p><b>Activity Code 5</b></p> <p><b>Activity Code 6</b></p> <p><b>Activity Code 7</b></p> <p><b>Activity Code 8</b></p> <p><b>Activity Code 9</b></p> <p><b>Activity Code 10</b></p> |

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|   |   |
|---|---|
| <b>Project Status</b>                                     | Completed 50% or more                   |
| <b>Total Federal Amount ARRA Funds Received/ Invoiced</b> | 80572.18                                |
| <b>Number of Jobs</b>                                     | 2.28                                    |
| <b>Description of Jobs Created</b>                        | Faculty, Graduate Assistant, Technician |
| <b>Total Federal Amount of ARRA Expenditure</b>           | 100000.00                               |
| <b>Total Federal ARRA Infrastructure Expenditure</b>      | 0.00                                    |
| <b>Infrastructure Purpose and Rationale</b>               |   |

**Report Information**

|                   |                     |                   |                                |                     |
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| Grant             | 0575-0015           | 066470972         | 2010 / 3                       | No                  |

**Infrastructure Contact**

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

**Primary Place of Performance**

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

**Recipient Highly Compensated Officers**

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

**Report Audit Trail**

|  |
|--|
| <b>Created By</b> Cindy Selman             |
| <b>Date Created</b> 10/06/2010 07:19 PM    |
| <b>Last Updated By</b> Cindy Selman        |
| <b>Last Updated On</b> 10/06/2010 07:19 PM |