

Report Information				
Award Type	Award Number	Prime DUNS	Calendar Year / Quarter	Final Report
Grant	0575-0015	066470972	2010 / 1	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 2 Vendors less than \$25,000/award
Amount of Award 100000.00	Total Amount of Payments to 2045.84 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. Dr. Charles Gilliam has monitored both of those studies during this quarter.</p> <p>Also, several presentation have been made this quarter at regional professional society meetings. Murphy presented research at the Southern Nursery Association Research Conference in Mobile, AL on January 21, 2010. Griffin presented a poster highlighting alternative substrate research at the Southern Region - American Society for Horticultural Science in Orlando, FL in February 2010. Fain gave a presentation at the Gulf States Horticultural Expo in Mobile, AL. The presentation consisted of a general overview of our alternative substrate research, giving an introduction to those who were less familiar with the subject. Gilliam has also made presentations, and consulted with growers on an individual basis.</p> <p>On February 15, 2010, a delivery of about 3 tons of additional clean chip residual was secured in order to begin the process of getting the alternative substrate out for spring potting for the two nurseries involved in the study.</p> <p>Plans for the next quarter (April 1 to June 30) are to continue to monitor on-site demonstrations, and to collect growth data on plants currently in trials. Samples of clean chip residual</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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and WholeTree substrate will be delivered to both Moore and Davis in Shorter, AL and Strain and Sons in Athens, AL for further testing. Also, additional attempts will be made at publishing information on 'extending pine bark supplies' in a nationally recognized scholarly journal.

Project Status Less than 50% completed

Total Federal Amount ARRA Funds Received/ Invoiced 3890.70

Number of Jobs 0.70

Description of Jobs Created Graduate Students

Total Federal Amount of ARRA Expenditure 12149.05

Total Federal ARRA 0.00

Infrastructure Expenditure

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

Created By Cindy Selman
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