

GEORGIA AGRICULTURAL COMMODITY COMMISSION FOR PEANUTS

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April 3, 2003

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APR 07 2003

NATIONAL PEANUT BOARD

110 E. Fourth St.
P.O. Box 967
Tifton, Georgia 31793
Phone 229-386-3470
FAX 229-386-3501
info@gapeanuts.com
www.gapeanuts.com

Steve O'Brien
National Peanut Board
900 Circle Pkwy Suite 1220
Atlanta, GA 30339

DIRECTORS

ARMOND MORRIS
Chairman
Irwinville, Georgia

JOE BODDIFORD
Vice Chairman
Sylvania, Georgia

JIMMY CHENEY
Treasurer
Edison, Georgia

WILBUR GAMBLE
Dawson, Georgia

RODNEY DAWSON
Lawkinsville, Georgia

DON KOEHLER
Executive Director

Member



Peanut Advisory Board tp

Dear Steve:

You will find enclosed the final report on the Reimbursable Cooperative Agreement/#58-6604-201. This agreement with ARS-USDA expired 2/28/2003. All administrative actions have been fully and satisfactorily accomplished.

This project was titled "Assessment of Water Use in Current Peanut Cultivars; Implications for Irrigations Scheduling, Drought Response, and Aflatoxin Contamination". The project's PI was Dr. Diane Rowland located at the National Peanut Research Laboratory in Dawson, Georgia.

This statement confirms the project's completions and closes out the agreement. The total amount of project funding awarded was \$15,000 and the total amount spent was \$15,000. To the PI's knowledge there was no invention, improvement, or discovery made or conceived that would be applicable to a Patent Report in the course of work under this agreement. A final progress report is attached fulfilling all contractual obligations.

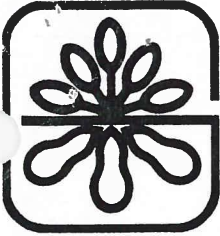
Sincerely,

Emory Murphy
Secretary for the Southern Peanut Research Initiative (SPRI)
Assistant Executive Director, Georgia Peanut Commission

dcampbell@saa.ars.usda
.gov

Enclosure

Cc SPRI Committee
Joe Boddiford, GPC Research Committee Chairman
Murray Campbell, NPB Research Committee Chairman
Ron Henning, NPB Research Consultant
Raffaella Marie Fenn, NPB Executive Director



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United States
Department of
Agriculture

Research, Education, and Economics
Agricultural Research Service

South Atlantic Area
Office of the Director

Reply
to: USDA, ARS, SAA
Grants and Agreements Section
P.O. Box 5677
Athens, GA 30604

Phone: (706)546-3619
Fax: (706)546-3477
E-mail: Dcampbell@saa.ars.usda.gov

Overnight Mail Address:
950 College Station Rd.
Athens, GA 30605

March 24, 2003

IN REPLY

REFER TO: Reimbursable Cooperative Agreement
Number 58-6604-2-201

Emory Murphy
Georgia Peanut Commission
110 East Fourth Street
Tifton, Georgia 31793

Dear Mr. Murphy:

According to USDA records, agreement number 58-6604-2-201 expired February 28, 2003. As all administrative actions have been fully and satisfactorily accomplished, this agreement is now officially closed. Enclosed are the documents for your records. Thank you for your support of USDA research.

If you have any questions concerning the enclosure, please do not hesitate to call me.

Sincerely,

Debera Campbell
Authorized Departmental Officer

Enclosure

cc: w/ enclosure
Diane Rowland/ADODR
Debbie Padgett/LAO
Dorothy Buckman/ BFO

U. S. DEPARTMENT OF AGRICULTURE
 AGRICULTURAL RESEARCH SERVICE
COMPLETION STATEMENT TO CLOSEOUT AGREEMENT

1. Agreement No. 58-6604-2-201	2. Last Amendment	3. Payment Method	4. Expiration Date 2/28/2003
5. Project Title Assessment of Water Use in Current Peanut Cultivars; Implications for Irrigation Scheduling, Drought Response, and Aflatoxin Contamination		6. Cooperator (Name and Address) National Peanut Board	
7a. Total Amount Awarded \$ <u>15,000</u>		7b. Unspent Balance \$ <u>0</u>	
8. Total Amount Spent (from Final Status of Funds Report) \$ <u>15,000</u>			
<p>9. All administrative actions required have been fully and satisfactorily accomplished therefore this agreement is officially closed. The Cooperator must maintain all records pertaining to this agreement a minimum of three years from the date of this notice.</p> <p><input type="checkbox"/> Financial Statement. The Final Status of Funds Reports from LOTS showing all expenditures and funds received has been submitted to the Sponsoring Organization, as required.</p> <p><input checked="" type="checkbox"/> Final Technical Report. The Final Technical / Progress Report has been sent from ARS to the Sponsoring Organization and copies have been distributed, as required.</p> <p><input checked="" type="checkbox"/> Patent Report. To my knowledge, no invention, improvement, or discovery was made or conceived or for the first time actually or constructively reduced to practice by the cooperator or its employees, in the course of work under this agreement.</p> <p><input type="checkbox"/> Yes Publications. <input checked="" type="checkbox"/> N/A Publications have been submitted to the National Agricultural Library (NAL). If not, please submit a copy of the transmission memo with this form. If there were no publications pursuant to this agreement, mark N/A.</p> <p><input type="checkbox"/> Other: _____ _____ _____</p>			
10. ADODR Name Diane Rowland		10a. Signature <i>Diane Rowland</i>	10b. Date 3-24-03
11. Remarks			
12. ADO name Debera Campbell		12a. Signature <i>Debera Campbell</i>	12b. Date 3-24-03
Distribution* Original to ADO for Official Agreement File ADODR LAO ABFO - Phyllis Boyett-Johnson			

March 24, 2003

This is a final status report for NPB funded project: "Assessment of water use in current peanut cultivars: implications for irrigation scheduling, drought response, and aflatoxin contamination" investigated by D.L. Rowland, K. Balkcom, J. Beasley, J. Dorner, and R. Sorensen. The specific objectives for this research were: 1) to determine water use curves for three peanut cultivars under two different irrigation regimes, 2) to determine the relationship between aflatoxin contamination and water use in these peanut cultivars, and 3) based on differences in the water use curves between irrigation treatments, provide recommendations for optimal growing conditions (dryland vs. irrigated land) among the three cultivars. During the growing season of 2002, plots were established under rainout shelters located at the National Peanut Research Laboratory in Dawson, GA. We completed collection of data that quantified water use for three different peanut cultivars, Georgia Green, NCV-11, and Andru II during the growing season under both overhead and subsurface drip irrigation. In addition, we analyzed the relationship between water use during imposed drought, TSWV infection progress, and final aflatoxin production at five different harvest dates. We are currently analyzing the data from 2002 in detail and have found variation in cultivar drought response and TSWV progression. We will continue these experiments during the 2003 growing season to validate these first year responses. At the end of this time, we expect to publish data from the two growing seasons combined (2002 and 2003) and provide recommendations to growers on water use requirements and drought tolerance/ aflatoxin risk for these commonly grown peanut varieties. Funding was for a single year running January 2002 through December 2002.



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A handwritten signature in cursive script that reads "Debera Campbell".

Debera Campbell
Authorized Departmental Officer

Enclosure

cc: w/ enclosure
Diane Rowland/ADODR
Debbie Padgett/LAO
Dorothy Buckman/ BFO

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