

PROJECT DATA SHEET

1. TRANSACTION CODE

A = Add  
 C = Change  
 D = Delete

Amendment Number

DOCUMENT CODE

3

COUNTRY/ENTITY  
Worldwide

2. PROJECT NUMBER  
936-4132

3. BUREAU/OFFICE

3. PROJECT TITLE (minimum 40 characters)

S&T/AGR

10

Soybean Utilization and Research

6. PROJECT ASSISTANCE COMPLETION DATE (PACD)

7. ESTIMATED DATE OF OBLIGATION  
(Under "B" below, enter 1, 2, 3, or 4)

MM DD YY  
019 310 912

A. Initial FY 85

B. Quarter

C. Final FY 91

8. COSTS (\$000 OR EQUIVALENT \$1 = )

A. FUNDING SOURCE	FIRST FY			LIFE OF PROJECT		
	B. FX	C. L/C	D. Total	E. FX	F. L/C	G. Total
AID Appropriated Total	850		850	6,510		6,510
(Grant)S&T Bureau	( 850 )	( )	( 850 )	( 5,950 )	( )	( 5,950 )
(Grant)Mission/Reg. Buy-ins	( * )	( )	( )	( 560 )	( )	( 560 )
Other						
U.S.						
Host Country						
Other Donor(s)				2,924		2,924
<b>TOTALS</b>	850		850	9,434		9,434

9. SCHEDULE OF AID FUNDING (\$000)

A. APPRO- PRIATION	B. PRIMARY PURPOSE CODE	C. PRIMARY TECH CODE 1. Grant / 2. Loan	D. OBLIGATIONS TO DATE		E. AMOUNT APPROVED THIS ACTION		F. LIFE OF PROJECT	
			1. Grant	2. Loan	1. Grant	2. Loan	1. Grant	2. Loan
(1) ARDN	100	973	-		5,950		5,950	
(2)								
(3)								
(4)								
<b>TOTALS</b>					5,950		5,950	

10. SECONDARY TECHNICAL CODES (maximum 6 codes of 3 positions each)

076

11. SECONDARY PURPOSE CODE

12. SPECIAL CONCERNS CODES (maximum 7 codes of 4 positions each)

A. Code BS R/AG  
 B. Amount 950 5,000

13. PROJECT PURPOSE (maximum 480 characters)

To increase utilization of soybean and improve soybean productivity in developing countries.

14. SCHEDULED EVALUATIONS

Interim MM YY MM YY Final MM YY  
 0 6 8 6 d d 8 9 0 6 9 2

15. SOURCE/ORIGIN OF GOODS AND SERVICES

000  941  Local  Other (Specify)

16. AMENDMENTS/NATURE OF CHANGE PROPOSED (This is page 1 of a \_\_\_\_\_ page PP Amendment.)

NOTE: This is a Cooperative Agreement.

\* The estimated contributions from regional bureaus/missions are not included in this authorization. It is anticipated that they will be contributing to the Cooperative Agreement under separate project authorities.

17. APPROVED BY

Signature  
  
 Title Anson R. Bertrand, Director  
 Office of Agriculture  
 Bureau for Science and  
 Technology

Date Signed  
 MM DD YY  
 012 017 85

18. DATE DOCUMENT RECEIVED IN AID/W. OR FOR AID/W DOCUMENTS, DATE OF DISTRIBUTION

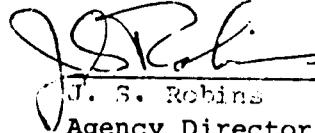
MM DD YY

PROJECT AUTHORIZATION

ENTITY: Bureau for Science and Technology  
PROJECT TITLE: Soybean Utilization and Research  
PROJECT NUMBER: 936-4132

1. Pursuant to Section 103 of the Foreign Assistance Act of 1961, I hereby authorize the centrally funded project entitled "Soybean Utilization and Research" involving planned S&T Bureau funding not to exceed \$5,950,000 in grant funds over a period of seven years from FY 1985 to FY 1991, subject to availability of funds in accordance with the AID/OYB allotment process, to help in financing foreign exchange and local currency costs for the project. A total of up to \$6,510,000 of AID appropriated funds is approved for use in this project in anticipation that regional bureaus and missions may contribute up to \$560,000 under various project authorities, to supplement the funds provided by the S&T Bureau and ensure an adequate level of assistance services to meet their needs.
2. The goal of the project is to increase food availability and improve food consumption in developing countries. The project will (a) assist LDC private businesses and government entities develop, test, adapt, and disseminate new soy products and soybean processing techniques with particular concern for products meeting the needs of the malnourished; and (b) assist national and regional research institutes develop improved varieties, implement integrated crop protection strategies, improve seed viability and overcome other technical constraints to increased productivity.  
  
Project activities will include: (1) development and dissemination of techniques for making soy products such as soy milk, and grain/soy mixtures using extrusion cooking; (2) building of regional networks of national and international institutions working on soybean research in Asia, Africa, and Latin America; (3) collection, preservation, and screening of soybean germplasm, and collaborative research on disease and insect control, biotechnology, and on the design and implementation of integrated pest management practices; and (4) information dissemination and training for LDC nationals.
3. Each developing country where training or other assistance takes place under the project will be deemed to be a cooperating country for the purposes of permitting local cost financing.
4. Goods and services, except for ocean shipping, financed by AID under the project shall have their source and origin in the cooperating country or in the United States, except as AID may otherwise agree in writing.

5. Ocean shipping financed by AID under the project shall, except as AID may otherwise agree in writing, be financed only on flag vessels of the United States.



J. S. Robins  
Agency Director  
for Food and Agriculture  
Bureau for Science and Technology

Date: 2/13/85

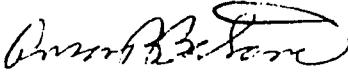
Clearances:

S&T/AGR:ARBertrand	<u>AB</u>	Date	<u>2/7/85</u>
S&T/AGR/AP:RJackson	<u>Cyeff/RJ</u>	Date	<u>2/5/85</u>
S&T/AGR/AP:LSchulze	<u>LS</u>	Date	<u>2/5/85</u>
S&T/AGR:ERoche	<u>ER</u>	Date	<u>2/5/85</u>
S&T/PO:GEaton	<u>Kam/GE</u>	Date	<u>2/12/85</u>

WANG#2331e

January 31, 1985

ACTION MEMORANDUM FOR THE AGENCY DIRECTOR FOR FOOD AND AGRICULTURE,  
BUREAU FOR SCIENCE AND TECHNOLOGY

FROM : S&T/AGR, Anson R. Bertrand   
SUBJECT: Authorization for S&T/AGR's Soybean Utilization and Research  
Project (936-4132)

Problem: Your approval is required to implement a seven-year project, entitled "Soybean Utilization and Research (936-4132) at an estimated total S&T/AGR funding of \$5,950,000.

Discussion: In 1973, AID awarded a contract to the International Soybean Program (INTSOY) of the University of Illinois-Urbana Champaign (UIUC) to implement the Development of Improved Varieties of Soybeans project (931-0560). The contract was amended several times to continue and extend the research program. In July 1982 an evaluation of the INTSOY program concluded that it had been effective and should be expanded. In 1984, AID awarded a seven month (July 1, 1984 - January 31, 1985) Cooperative Agreement to UIUC to continue research activities of this project. This project has been instrumental in identifying and introducing improved varieties and production technology that have led to soybean acreage increases in several LDCs. The new project will capitalize on the results of this research activity by emphasizing increased utilization of soy products in LDCs and establishing formal research networks in Asia, Africa and Latin America.

The goal of this project is to increase food availability and improve food consumption in developing countries. It will accomplish this goal by: a) assisting LDC private businesses and government entities develop, test, adapt, and disseminate new soy products and soybean processing techniques with particular concern for products meeting the needs of the malnourished and b) raising soybean yields in developing countries by assisting national and regional research institutes develop improved varieties, implement integrated crop protection strategies, improve seed viability, and overcome other technical constraints. The project has four components which consist of: 1) a utilization program which includes product development and extension to LDCs; 2) organization of soybean improvement networks; 3) collaborative research on diseases and insects; and 4) information dissemination and training.

The Agricultural Sector Council reviewed and endorsed the project paper on January 22, 1985. A copy of the endorsement sheet is attached.

During project development, it became clear that a cooperative agreement would establish the appropriate relationship between AID and UIUC for successful implementation of this project.

A memorandum has been prepared which explains the limitation of sources for this ~~procurement~~<sup>award</sup> and describes UIUC's unique capabilities to undertake this effort through a cooperative agreement. S&T/AGR's FY 1985 OYB has \$850,000 for this project as does the FY 1985 CP. Of this amount, we plan to obligate \$132,509 under an existing cooperative agreement to maintain the current resources at the University of Illinois until the new cooperative agreement is in place (April 1, 1985). The remaining \$717,491 will be obligated to start the new cooperative agreement. A congressional notification has been submitted.

Recommendations:

1. That you sign the attached Project Authorization.
2. That you sign the attached memorandum to Phillip Casteel, SER/CM requesting negotiation only with UIUC for a new cooperative agreement.

Attachments:

1. Project Authorization and Data Sheet
2. Memorandum to Casteel from Robins
3. Endorsement sheet

Clearances:

S&T/AGR/AP:RJackson	<u>RJA</u>	Date	<u>2-4-85</u>
S&T/AGR:ERoche	<u>ERC</u>	Date	<u>2/5/85</u>
S&T/PO:GEaton	<u>RM</u>	Date	<u>2/12/85</u>

S&T/AGR:MBlakeney:1/24/85:WANG#2331e

RECORD OF SECTOR COUNCIL FOR AGRICULTURE

PROJECT REVIEW

MEETING DATE: 1/22/85

1. Project Office: S&T/AGR Project Number: 936-4132

Project Title: Soybean Utilization and Research

Proposed Contractor: International Soybean Program (INTSOY)

Proposed Project Period: FY '85 - '91

Proposed Budget Period: FY '85 - '91 Budget: \$5,950,000

(If any, prior total est. cost: \_\_\_\_\_)

(Grand total after adding this action: \_\_\_\_\_)

2. The members of this committee, and their findings are specified below:

<u>Office</u> <u>Symbol</u>	<u>Name/Signature</u>	<u>Date</u>	<u>Endorsed</u>	<u>Not Endorsed</u>
AFR/DR	<i>[Signature]</i>	<u>1/22/85</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ASIA/TR	<i>[Signature]</i>	<u>1/22/85</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
LAC/DR	<i>[Signature]</i>	<u>1/22/85</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
NE/TECH	<i>[Signature]</i>	<u>1/22/85</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PFC/PDPR	<i>[Signature]</i>	<u>1/22/85</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
S&T/AGR	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>
BIFAD/s	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>

3. It is the decision of this Committee that this project be:

ENDORSED

NOT ENDORSED

SIGNATURE *[Signature]* Date 1/22/85  
J. S. Robins  
 Chairperson

Any dissenting opinions are attached.

MEMORANDUM

TO: SER/CM, Phillip Casteel

FROM: S&T/FA, J. S. Robins 

SUBJECT: Award of a Cooperative Agreement Under Project 936-4132,  
Soybean Utilization and Research

I request that you negotiate only with the University of Illinois - Urbana Champaign (UIUC) for the subject cooperative agreement. We believe that UIUC is uniquely qualified for this award.

Although nearly all of the land grant universities and many private companies in the United States are engaged in soybean research, UIUC is the only organization with an active program in tropical soybeans. The problems of soybean production in the tropical zones of the LDCs are entirely different than those of the temperate zones. The climate and soils, as well as the general method of production, which is labor intensive rather than mechanized, require different plants than those used in the U.S. and other temperate zones.

UIUC has been working on tropical soybean production since the mid 1950s. They are the only U.S. organization that has the germplasm pool needed for tropical soybean breeding experiments. UIUC is also unique among U.S. soybean research institutions in having developed strong linkages with several international agricultural research centers. This gives them efficient access to a variety of appropriate field test sites as well as access to a large pool of world experts in tropical agriculture.

Working through the international centers also gives UIUC access to national soybean research programs in about 80 countries, a linkage which is further strengthened by the fact that many of the soybean experts in these countries have been trained at UIUC.

Additionally, UIUC staff have unique field experience in tropical areas. Since the mid 1950s they have been involved in soybean programs in Asia, Africa and Latin America.

Finally, UIUC is recognized, worldwide, as the source of authoritative information on tropical soybeans. If the cooperative agreement were awarded to another institution, it would be several years before the vast and diverse LDC clientele could be directed to a new source of information.

Under this cooperative agreement, AID will support UIUC's ongoing program which contributes to AID's sector policy of increased food availability and improved food consumption in LDCs. We will encourage UIUC to expand efforts to increase the use of soybeans and soy-based products and to establish soybean research networks throughout the LDCs.