
 *6980393 AFRICA REGIONAL *
 * SAFGRAD *
 * FY77 TO FY83 *

PROJECT SUMMARY DESCRIPTION

USAID GRANT FINANCES 11 SENIOR RESEARCHERS, 5 ACCELERATED CROP PRODUCTION OFFICERS, PARTICIPANT TRAINING, CONFERENCES, CONSTRUCTION, CONSULTANTS, & COMMODITIES TO SUPPORT SEMI-ARID FOOD GRAIN RESEARCH DEVELOPMENT (SAFGRAD) PROJECT. SAFGRAD, SUPPORTED BY 18 SUB-SAHARAN NATIONS, UN, UK, US, FRANCE, & NETHERLANDS, DEVELOPES & PROMOTES CEREAL GRAINS (MILLET, MAIZE, & SORGHUM), GRAIN LEGUMES (COWPEAS & GROUNDNUTS), AND CULTURAL PRACTICES COMPATIBLE WITH SMALL FARM, SEMI-ARID CROPPING SYSTEMS. ACTIVITIES FALL INTO 2 CATEGORIES: 1) REGIONALLY COORDINATED GENETIC/VARIETAL RESEARCH ON STAPLE CEREALS & LEGUMES AT 3 AFRICAN RESEARCH CENTERS; 2) SUPPORT TO NATL RESEARCH, FIELD TRIALS, & OUTREACH PROGRAMS TO EXTEND TECHNOLOGY.

DESCRIPTORS

AGR RESEARCH	GRAIN RESEARCH	VARIETAL RES	PARTIC TRAINING
GENETIC RES	SOIL MGMT	CORN	GRAIN
MILLET	SORGHUM	COWPEAS	CROP PATTERN
SMALL FARMERS	SEMI ARID REGN	LEGUMES	AGR RES TRNG
REGNL RES COOP	AGR EXTENSION	AGR EXPER STATN	AGR TECHNOLOGY

SUB-PROJECT NUMBER: 00

BATCH NUMBER: 97

memorandum

Ms. Wychoff

DATE: April 18, 1979

REPLY TO: AFR/RA, Charles A. Sanders *CS*
ATTN OF: AFR/RA, E. Dennis Conroy *EC*
THRU: AFR/RA, E. Dennis Conroy *EC*
SUBJECT: Interim Project Status Report (March 1979) Semi-Arid Food Grain
Research and Development (SAFGRAD) 698-0393, OAU/STRC JP 31

TO: Distribution

1. Attached herewith is a copy of subject report for your information and guidance.
2. It is envisioned that the project activities will be considerably increased with the current arrival of the AID financed staff and increased efforts by all parties.
3. AFR/RA would appreciate suggestions and comments from addresses re increasing the results and effectiveness of this program and in strengthening coordination between this project and other related food crop research and production programs in Africa.

Attachment: a/s

AA/AFR, Goler T. Butcher
W. Haven North
AFR/DR, J. Koehring
W. Johnson (6 copies)
AFR/DR/EA, M. McDaniel
AFR/DP, C. Ward
AFR/DR/SAP, G. Thompson
AFR/EA, H. Johnson ✓
AFR/SFWA, J. Kelly
C. Hanrahan
L. Hillson
G. MacArthur
AFR/DR/SFWAP, C. Husick
AFR/SA, R. Stacy
AFR/CAWA, F. Scordato
USAID/Ouaga, A. McSwain/K. Akadiri
w/o attachment

BIFAD, M. Whittaker
DS/AGR, D. Peterson
F. Williams
J. Yohe
R. Jackson
Miss. State Univ., Dr. James C. DeLouche
Purdue Univ., Dr. T. Kelley White
Univ. of Illinois, W. Judy
IBRD, F. Van Gisch
D. Honesch
IDRC, A. Ker
IADS/NY, W. Wright
USDA, J. Black
IFDRC, D. McCune
FF/NY, L. Hardin
RF/NY, Dr. John J. McKelvey
USUN/NY, Dr. William T. Mashler



INTERIM PROJECT STATUS REPORT (MARCH 1979)

SEMI-ARID FOOD GRAIN RESEARCH AND DEVELOPMENT
(SAFGRAD), AID PROJECT 698-0393, OAU/STRC JP 31

I. PURPOSE

The purpose of the SAFGRAD program is to develop improved cereals (millet, sorghum, maize) and food legumes (cowpeas and groundnuts) and cultural practices which are compatible with small farm semi-arid farming systems and to promote their adaptation in participating countries.

II. PROGRESS TO DATE

A. AID Assistance

1. AID Project Agreement signed with OAU/STRC May 23, 1977, and amended subsequently on September 2, 1977, November 29, 1977, April 6, 1978, and February 23, 1979. This agreement obligates \$5,385,000 FY 1977, 1978 and 1979 funding for SAFGRAD.

2. Arlan B. McSwain, AID SAFGRAD Project Officer, entered on duty in Ouagadougou in October 1977.

3. Karimi Akadiri-Soumaila, OAU/STRC Project Coordinator entered on duty in Ouagadougou in May 1978.

4. Jerry J. Johnson, Personal Services Contractor, ACPO for Mali, entered on duty in September 1977. During the 1978 growing season, he conducted pre-extension trials on sorghum, millet, and maize in over twenty locations throughout Mali.

5. Corstiaan I. Korteweg, Personal Services Contractor, ACPO for Upper Volta, entered on duty in April 1978. During the 1978 growing season, he conducted variety adaptation trials with sorghum and maize in thirteen locations in Upper Volta.

6. An agreement was signed between AID and the Government of the Republic of Togo on October 11, 1977 for the first year support of SAFGRAD field trials in that country. Ms. Elom Djaliba Bruce supervises all SAFGRAD field trials in Togo. Trials were conducted during the 1978 growing season on cultural practices, fertilizer, and certified seed using maize, sorghum, and groundnuts.

7. Owen Gwathmey, Personal Services Contractor, ACPO for Chad, entered on duty in February 1978. Due to the political situation in Chad, he has been unable to proceed to post and is presently on TDY in Ouagadougou.

8. A contract was signed with the International Institute for Tropical Agriculture (IITA) on March 8, 1978. This provides four full time researchers in Upper Volta, mutually agreed short-term consultants, and training for research/production trainees. Support costs and limited research items are included in the contract. All four scientists (Dr. Vishnoo Asnani, Maize Breeder; Dr. Mario Rodriguez, Maize Agronomist; Dr. Frank Brockman, Soil Fertility Specialist; and Dr. Yogendra Rathore, Entomologist) have been approved and will enter on duty in April-May 1979. During the growing season of 1978, Dr. Sujin Jinahyon, IITA Maize Consultant, conducted 4 hectares of maize trials at Saria Research Station in Upper Volta.

9. A contract was signed on May 25, 1978 with the International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), which provides four full-time researchers (Sorghum Breeder, Entomologist, Agronomist, Soil Management Specialist) and mutually agreed short term consultants and training for research/production trainees. Three researchers will be posted in Northern Nigeria and one in Upper Volta. Support costs and limited research items are included for financing in the Contract. One scientist, a Sorghum Breeder, has been nominated for posting in Nigeria.

10. On December 8, 1978, a contract was signed with Purdue University. This provides for three Farming Systems Officers (Agricultural Economist, Agronomist, Rural Sociologist) to be posted in Upper Volta and mutually agreed short-term consultants and training in this area. One officer, Dr. Paul Christensen, Agronomist, has been approved and entered on duty in February 1979.

11. The OAU/STRC sponsored the second SAFGRAD Program Conference in Ouagadougou, October 13-20, 1977. This conference was attended by representatives of eleven (11) African countries, six (6) donors, and six (6) International Centers/Agencies. An OAU/STRC report and recommendations on this conference was released on November 24, 1977. This report recommended increased staffing for the SAFGRAD Program and adds six (6) additional African countries bringing the total to twenty four (24) participating countries.

The first OAU/STRC JP 31 Maize Workshop was held in Ouagadougou February 20-23, 1979. This workshop was attended by maize researchers from 15 African countries. Others in attendance represented IITA, IRAT, Purdue, and USAID. Exchange of information and planning for coordinated maize research among the participating SAFGRAD countries made this a highly successful workshop.

12. At present, four African trainees (2 each from Mali and Upper Volta) are enrolled in U.S. Universities for long term training under the SAFGRAD Program. Two more have been identified and project documentation is being processed. Host countries should officially nominate potential trainees to Mr. Amos Odelola, Executive Secretary, OAU/STRC, Lagos, Nigeria and Arlan McSwain, AID Project officer, Ouagadougou, Upper Volta.

13. Construction of the office/laboratory buildings at Kamboinse Research Station near Ouagadougou is progressing well. These buildings containing ten offices and laboratory space for SAFGRAD scientists are scheduled for completion in early May 1979.

14. Initial orders for vehicles, research equipment, and office supplies are being received.

15. A research station development plan for the Kamboinse Research Station has been completed by ICRISAT and IITA.

16. OAU/STRC has established a SAFGRAD headquarters in Ouagadougou. This office (donated by the Government of Upper Volta) is the focal point for implementing the AID financed portion of the SAFGRAD program. The OAU/STRC JP 31 Coordinator heads this office and the AID Project Officer is attached there.

B. Key Assistance by others in Support of SAFGRAD

1. A team consisting of thirteen (13) ICRISAT/UNDP financed sorghum/ millet researchers are on board at Kamboinse, Upper Volta; Zaria, Nigeria; Bambey, Senegal; and Wad Medina, Sudan. This includes ICRISAT's West African Coordinator Dr. Claude Charreau, who is headquartered in Senegal.

2. One (1) ICRISAT/Netherlands financed Soil/Water Agronomist is on board in Upper Volta.

3. One (1) IITA/IDRC financed Legume-Breeder (cowpeas) is on board in Upper Volta (bilateral assistance).

4. Discussions to date indicate several other donors are interested in supporting identified activities supportive of or related to SAFGRAD.

III. FUTURE PLANS

A. Most of the researchers in Section II, 3, Items 1 thru 3 above have attended discussions/conferences on the AID financed SAFGRAD Program. The progress under their respective programs is included in their respective sponsors reports. All of these researchers (both other donor and AID financed) in close cooperation and exchange of information will be in position to make a unified input into increased food crop production in Africa.

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B. OAU/STRC plans a vigorous effort to contact participating countries and other donors regarding support for SAFGRAD related activities. Likewise, SAFGRAD conferences will be scheduled and an exchange system of information will be established in the near future.

IV. CONCLUSION

A. Communication regarding the SAFGRAD Program should be directed to the OAU/STRC Project Coordinator and AID Project Officer.

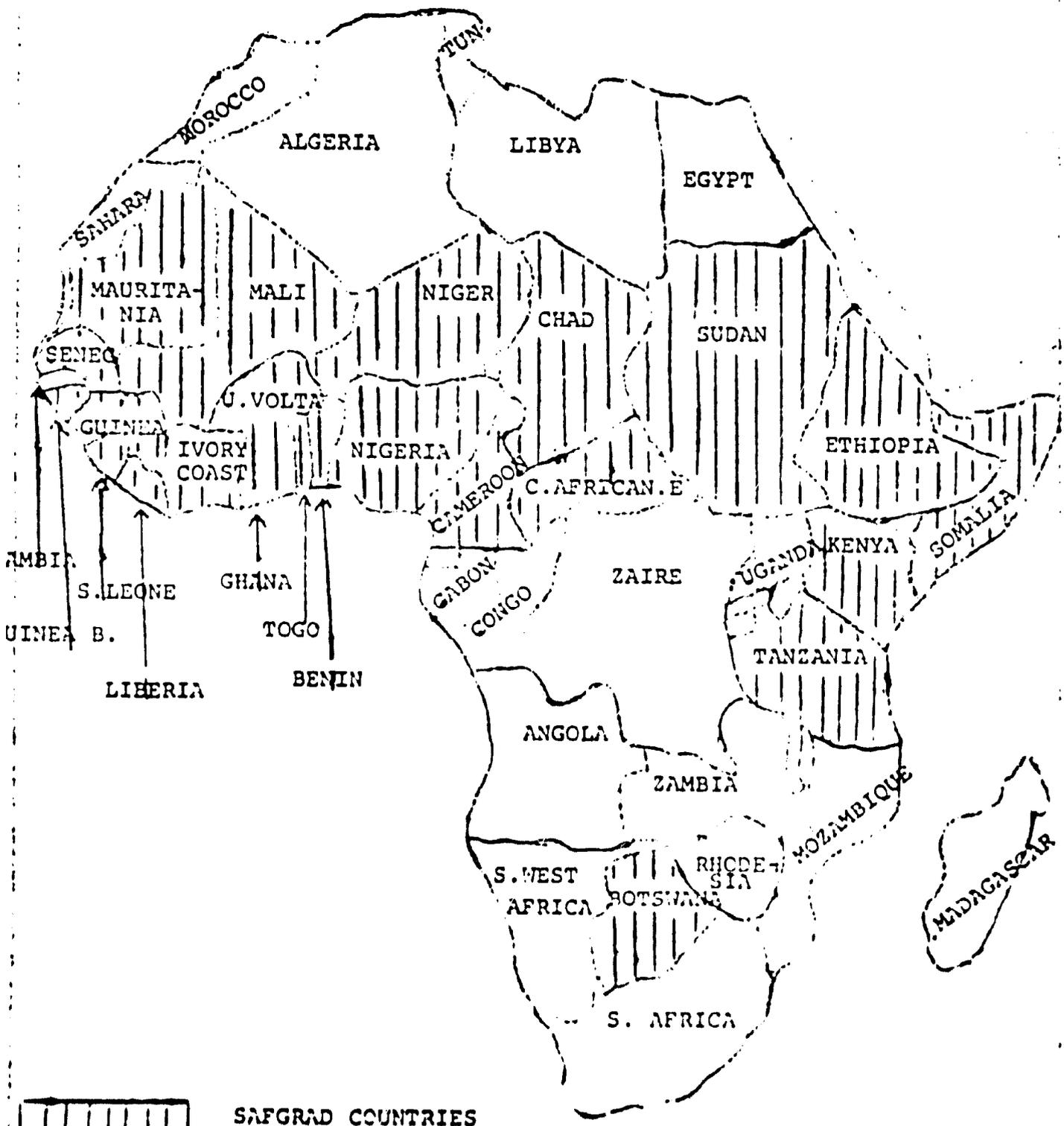
Address: Coordination Office
 OAU/STRC JP 31 SAFGRAD
 B.P. 1783
 Ouagadougou, Upper Volta.

B. Appendices A and B are attached to supplement the information included herein.

A F R I C A

Appendix A

PARTICIPATING AND COOPERATING COUNTRIES IN SAFGRAD PROJECT



Appendix B

Semi-Arid Food Grain Research and Development (SAFGRAD)

I. STATISTICAL SUMMARY

- Project Title: Semi-Arid Food Research & Development (SAFGRAD)
- AID Project No.: 698-0393
- OAU/STRC No.: JP No. 31
- Total Estimated Cost: \$21,300,000.
- Duration: 1977 - 1981
- Planned Donors:

United National Development Program (UNDP)
Mission de Cooperation Francaise (FAC)
Agency for International Development (AID)
International Development Research Center (IDRC)
Ministry of Overseas Development (ODM)
European Development Fund (FED)
Ford Foundation (FF)
Netherlands

- 18 Original SAFGRAD Participating African Countries
1) Benin, 2) Central African Empire, 3) Cameroon, 4) Cape Verde,
5) Chad, 6) Ethiopia, 7) Gambia, 8) Ghana, 9) Guinea, 10) Ivory
Coast, 11) Mali, 12) Mauritania, 13) Niger, 14) Nigeria,
15) Senegal, 16) Sudan, 17) Togo, 18) Upper Volta.
- Six Additional Countries in Africa Added to SAFGRAD Through
OAU/STRC per Ouagadougou Conference October 1977.
19) Botswana, 20) Guinea Bissau, 21) Kenya, 22) Sierra Leone,
23) Somalia, 24) Tanzania.
- International Research Centers/Agencies:

International Crops Research Institute for the
Semi-Arid Tropics (ICRISAT),
International Institute of Tropical Agriculture
(IITA),
Institut de Recherches Agronomiques Tropicales
et des Cultures Vivrieres (IRAT).

.../...

- Contractors:

International Crops Research Institute for the Semi-Arid Tropics (ICRISAT) = Researchers and Training.
International Institute of Tropical Agriculture (IITA) = Researchers and Training.
Purdue University = Farming Systems Team & Training.
Personal Services - Accelerated Crop Production Officers (ACPO).

- AID/ Washington Office:

Agency for International Development (AID)
Office of Africa Regional Affairs (AFR/RA)
Dept. of State, Room 3325 NS, Washington, D.C. 20523.

III. BACKGROUND

SAFGRAD is a continuation and expansion of an earlier AID/ Other Donor assisted Major Cereals Research Program known as Joint Project 26 (JP 26) which was coordinated by the Scientific and Technical Research Commission of the Organization of African Unity (OAU/STRC). It was headquartered at the Institute for Agricultural Research (IAR), Ibadan, Nigeria. The need and urgency to implement the SAFGRAD program was confirmed in January 1976, at a conference hosted by OAU/STRC and the West African Economic Community (CEAO). This conference was attended by representatives of fourteen (14) African countries, five (5) Donors, and five (5) International Centers/Agencies. Based on the results and recommendations of the OAU/STRC Report of this conference, dated February 16, 1976, AID and OAU/STRC in collaboration with African officials, other donors, and

International Research Centers/Agencies, proceeded with the development of the SAFGRAD program. Because of the vast geographic area and large number of officials and agencies interested in the program the development and approval of the AID Project Paper (PP) took longer than was originally anticipated. This was accomplished by the approval of the AID PP on April 29, 1977. A Project Summary of the SAFGRAD Project (English and French) has been widely circulated.