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JOINT ASSESSMENT  
NATIONAL AGRICULTURAL RESEARCH PROJECT  
RESEARCH SUPPORT PROGRAM  
(263-0152)

7

MAY 990

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### Recommendation

The Management Target No 1 has been met All research proposals are reviewed by the NARP Steering Committee and none are approved unless they are within NDG

**Target No 2** That all appropriate ARC research proposals include a cost analysis

### Findings

There is a cost analysis involved in some proposals, however, the terms "cost analysis" and "appropriate" are unclear

### Recommendation

Cost analysis of appropriate proposals should be defined during 1990-91

**Target No 3** That the implementation status of research proposals is computer maintained.

### Findings

The details of the RSS proposals are maintained and accessed by computer The technical information is available on the Macintosh Computer programs Excel' and "Fourth Dimension" Retrieval is possible for over 12 individual characters

### Recommendation

The Management Target No 3 has been met

**Target No 4** That 35% of all research proposals were redesigned as a direct result of monitoring /evaluation

### Findings

There were 611 proposals implemented and funded during 1988-89. An in depth review of these proposals by NARP research and TA staff, and the NARP Steering Committee reduced the total number to 325 proposals for funding during 1989-90. There were 283 proposals or 46% consolidated and redesigned (Attachments 2 & 3)

### Recommendation

That Management Target No 4 be changed to read, "That all research proposals be monitored/evaluated and redesigned as required on a regular basis "

**Target No 5** That 10% of the research proposals were terminated as a result of monitoring/evaluation

### Findings

Of the 611 proposals funded during 1988-89, there were 83 activities or 14% terminated prior to implementing the 1989-90 activities (Attachment 2 & 3). Proposals may be terminated from lack of submitting quarterly and annual reports, failure to submit receipts for cash advances, lack of progress in implementation and/or completion of research activity.

### Recommendation

That Management Target No 5 be changed to read, "That research proposals be terminated based on continuous monitoring/evaluation by Research Component administration "

### Program Targets

**Target No 1** That 100% of ARC research proposals funded for the first time are within NDG

### Findings

For Program Target No 1 all research proposals funded for the first time are within the NDG

### Recommendation

That Program Target No 1 has been met

**Target No 2** That 70% of the ARC research budget was allocated to highest priority research

### Findings

Highest priority research could only be interpreted as meaning all research included within the NDG. Therefore, by definition all proposals, or 100% of the research proposals funded are of highest priority

### Recommendation

1 The Program Target No 2 has been met

### Financial Area Background Information

The Research Support System (RSS) is being utilized as a mechanism for change and the accomplishment of Research Support Program (RSP) and NARP goals

The RSS is designed to provide standardization for,

- 1 Research proposal preparation, utilizing the decision making model (Attachment 4),
- 2 Proposal selection utilizing the decision making model (Attachment 5), and
- 3 financial operating procedures

The financial area covers budgeting, cash management, summarizing and reporting of expenditures, and financial reporting for approved and funded research proposals

### Finance Area

Target No 1 That 50 % of the ARC (RSP) budgeting is being developed around priority research needs as defined using the RSS.

#### Findings

Based on NARP funding allocated for research, 83% of the RSP budgeting is being developed in support of the priority research needs while 17% is going for administrative related costs

#### Recommendation

The Financial Target No 1 has been met

Target No 2 A computer based accounting system is tracking funds of ongoing research proposals

#### Findings

A computer based accounting system for RSP funded activities tracks funds distributed to programs, but assigned to individual research proposals is in place and operating. The computer program which tracks expenditures by individual research proposal is also operational. Overall financial reports by individual research proposals is ready and waiting to be implemented. Training for research station accountants needs to be conducted before full implementation can be achieved.

#### Recommendation

The 'report' phase of this system be fully implemented during 1990/1191

That Financial Target No 2 be changed to read "A computer based accounting system is tracking funds of ongoing research proposals funded by the RSP "

**Target No. 3** That 15% of the financial reporting for the RSP is being done by computer.

#### Findings

Based on an examination of the financial reporting being prepared by ARC as it relates to the NARP/RSP, only summarization of overall activities is being prepared/reported by computer. The central accounting office-ARC is preparing an overall financial report by computer. A majority of the details for this report are on a individual proposal level.

It was determined by that the summarization process represents 45% of the total reporting process.

#### Recommendation

The 1990/1991 target should be changed to 75%. Emphasis for this next year will be placed in the computerization of financial reports at the research activity level for distribution to principal investigators.

**Target No 4** That 100% of the ARC financial reports are submitted on time.

#### Findings

Based on discussion with the Dr. Ahmed Momtaz the Director General for NARP and Aly Nashat, it was determined that all financial reports prepared by the ARC for the NARP/RSP are submitted on time.

#### Recommendation

1. The Financial Target No 4 has been met.

- 2 Time schedule for financial reports submission be reviewed and documented

**Target No 5** That 100% of the identified management needs for financial reports are being met

### Findings

Based on discussion with the Dr Ahmed Momtaz the Director General for NARP and Aly Nashat, it was determined that all the management needs for financial reports are being met

### Recommendation

- 1 The Financial Target No 5 has been met
- 2 Management needs for financial reports be reviewed and documented

**Section 111 Recommendation for Disbursement of PIL No. Res-017 Funds for the Next Twelve Months (July 1990 - June 1991 )**

**Findings**

PIL No 11, Amendment No 4, committed funds for the Research Support Program through September 30, 1989. PIL No Res-017 was issued to cover RSP related costs from October 1 through June 30 1990.

PIL No Res-017 committed £E 7,500,000 for the RSP. £E 2,071,499 has been reported as expended ending April 30, 1990. Estimated expenditures through June 30, 1990 will be £E2,600,000, plus £E 3,700,000 through the Special Fund of the ARC. Total estimated expenditures for the year will be £E 6,300,000.

It is anticipated that expenditures for the twelve months July 1990 through June 1991 will be £E 7,500,000.

**Recommendation**

1. It is recommended that PIL No Res-017 be extended through Project PACD.

2. An additional £E7,500,000 be committed under PIL No Res-017 for the 1990/91 year.

**Section IV Supporting Documentation**

- |            |   |   |
|------------|---|---|
| Attachment | 1 | Joint Assessment Scope Of Work Information    |
| Attachment | 2 | RSS Proposals Processed for 1989/90           |
| Attachment | 3 | RSS Activities/Modifications made for 1989/90 |
| Attachment | 4 | RSS-Pyramid                                   |
| Attachment | 5 | RSS-Operational Flow Chart                    |

UNITED STATES AGENCY FOR INTERNATIONAL DEVELOPMENT

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SUBJECT: RESEARCH SUPPORT PROGRAM - JOINT ASSESSMENT FOR 1989-90

SUGGESTIONS FOR INPUT TO SCOPE OF WORK (SEE ATTACHED)

REMARKS

WILLIS

CAN YOU SHARE WITH ALI NASHAAT AND WE CAN DISCUSS ON SUNDAY

-INTERFELY ROBERT W. RESSEGUIE, AGRICULTURAL OFFICER USAID/CAIRO

ENCLOSURE

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Program Target #1

Change the target as recommended

This target has been achieved but could be reaffirmed by the upcoming assessment for new proposals

Program Target #2

This target has been achieved but could be reaffirmed for any new proposals. Recommendation #2 may be too cumbersome and may not provide any real benefit. However, before discarding this recommendation, it should be considered further by the upcoming joint assessment.

Financial Target #1

The upcoming assessment should consider the percent of ARC budget being used to finance RSP research activities, and if possible identify those which are already high priority activities

Financial Target #2 The upcoming assessment should consider the status of computerized tracking of activity budgets and expenditure reporting. This could be closely linked to activities suggested in Management Targets #3 and #4 above.

Financial Target #3

Recommendation #1 can be implemented as appropriate. There should be some further discussion of recommendation #2 to clarify what is to be done.

Financial Target #4

Change the target percent as recommended

The upcoming assessment should determine if a schedule for financial report submission has been prepared, put into use, and is proving to be of value to management.

Financial Target #5

Change the target percent as recommended

The joint assessment should determine if the need for financial reports has been determined and what is the current status.

In an effort to continue providing emphasis on the activities of the RSP, the joint assessment could provide a useful and ongoing tool. Now that the program has begun to function, this could be a good opportunity to consolidate some of the gains and serve as a forum to describe successful activities. Discussion in the report should also address future directions for NABP/RSP research activities. And finally, a PIL should be drafted which includes funding for the fiscal year beginning July 1, 1990.

The targets set for the 1988-1989 period were largely met as documented in the Joint Assessment Report dated April 1989.

Given the current availability of data and information, we should be able to quickly determine the status of these targets for a 1990 assessment.

A suggested assessment scope of work and some comments are included herein, which basically follows last years targets with a few suggested additions. I suggest that Eng. Ali Nashat, Dr Willis McCuiston and myself meet to finalize a scope of work and then initiate and complete an assessment. We should be able to complete the report by the end of May 1990.

Comments and Suggested Scope of Work

Management Target #1

Chan00007e target as recommended. Recommendation #2 could be discussed further during the upcoming assessment.

Management Target #2

The recommendations should be followed and maybe the upcoming assessment could focus on the "cost analysis of alternative appropriate methodologies" as applicable to all research proposals.

Management Target #3

In addition to a continuing review of the current status of research activities as well as new proposals, we could also examine the status of the advance system and report on how it is serving the researchers.

Management Target #4

It might be useful to consider during the assessment a new requirement that proposals contain a section on how the research will be extended or transferred to farmers or other end users once completed and what will be the mechanics for this transfer. This is important to discuss up front in research proposals to insure that new technologies will be directed and available to extension agents, private sector users and farmers.

Management Target #5

In conjunction with Management Target #3, consideration could be given to penalizing those researchers who are slow to initiate activities, to submit vouchers and to prepare reports. This could include a reduction in the amount of funds available or cancellation of the activity.

## Total Number of RSS Proposals Processed for 1989-90

Program Code 1988-89	Number of RSS Proposals					
	Implemented 1988-89	Terminated	Continued	Consolidated & Redesigned	New Proposals	Implemented 1989-90
ACO	15	0	5	10 into 3	1	9
BFC	55	0	4	51 into 12	0	16
CFO	21	0	5	16 into 6	0	11
DFL	28	0	4	24 into 7	2	13
EFF	14	0	9	5 into 2	0	11
ESC	28	2	16	10 into 4	0	20
LHF	18	5	0	13 into 4	0	4
HHV	22	0	1	21 into 6	0	7
IHO	14	3	3	8 into 3	0	6
JAP	18	7	11	0	0	11
KAH	25	5	18	2 into 1	1	20
LPC	10	5	5	0	0	5
LPE	45	18	27	0	4	31
LPP	40	19	21	0	0	21
LPW	15	0	3	12 into 5	0	8
MSW	40	2	29	9 into 4	5	38
NST	7	4	3	0	4	7
OME	11	0	3	8 into 4	0	7
PEC	33	8	14	11 into 4	4	22
QAE	17	0	1	16 into 5	0	6
RIR	57	0	7	50 into 15	2	24
TOF	37	0	0	0	3	3
WFT	28	1	17	10 into 3	0	21
VCI	13	4	2	7 into 2	0	4
Total	511	83	208	283 (90)	27	325
% of Total		14	34	46 (15)	5	53

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**RSS Activity Numbers by Program for 1988/89 and 1989/90  
and Changes Made in Proposals**

Program and Activity No 1989-1990	Changes in RSS Proposals for 1989-1990	Activity No 1988-89
42		DFL 011 014 016 017
43	Title, P I , Budget	DFL 019,020,025,028,032
44	Combined with 45, 46, 47	DFL 024,026
45	Delete	DFL 027
46	Delete	DFL 029,030
47	Delete	DFL 035
48	Combined with 49	NEW
49	Delete	NEW
<b>Forages</b>		
50	Delete	EFF 003
51	Combined with 56 Budget	EFF 010
52	Combined with 57	EFF 012
53	Comined with 58	EFF 001 002
54		EFF 004
55	Title Budget	EFF 009
56	Delete	EFF 005
57	Delete	EFF 011
58	Delete	EFF 014 015
59	Budget	EFF 006
60	Delete	EFF 007
<b>Sugar Crops</b>		
61		FSC 002
62		FSC 004 005
63		FSC 006
64		FSC 010
65		FSC 011
66		FSC 013 015
67		FSC 021
68		FSC 023 025,026 027
69		FSC 031
70		FSC 001
71		FSC 003
72		FSC 008
73		FSC 009
74	P I	FSC 016 018
75		FSC 017
76		FSC 022
77		FSC 030
78		FSC 007
79		FSC 020
80		FSC 032
<b>Fruits</b>		
81	P I	GHF 002 003 004 011
82	P I	GHF 005 006 007,024
83		GHF 008 009 012
84	P I	GHF 013,014,015

**RSS Activity Numbers by Program for 1988/89 and 1989/90  
and Changes Made in Proposals**

Program and Activity No 1989-1990	Changes in RSS Proposals for 1989-1990	Activity No 1988-89
<b>Onions-Field Crops</b>		
85	Coordinator, P I	HHV 002,003,004
86	P I s	HHV 005,006,007,024, NST 005
<b>Vegetables</b>		
87	P I	HHV 012,013 014
88	Combined with 228	HHV 015,016,017,018,023
89		HHV 019
90	Title	HHV 009,010,011
91	Combined with 303, Budget	HHV 020,021,022,NST 001,IHO 005
<b>Botanical Plants</b>		
92	P I	IHO 002 003,004
93	Combined with 94 95	IHO 006
94	Delete	IHO 008
95	Delete	IHO 009 010,011
96	P I s Station	IHO 012 013
97	P I s Station	IHO 014
<b>Animal Production</b>		
98	P I	JAP 001
99		JAP 002
100		JAP 003
101	P I	JAP 006
102		JAP 008
103		JAP 010
104	P I	JAP 011
105	Coordinator	JAP 012
106	Coordinator	JAP 014
107	Title	JAP 018
108	P I	JAP 020
<b>Animal Health</b>		
109	P I	KAH 010
110		KAH 011
111		NEW
<b>Veterinary Serums</b>		
112	Divided with 327	KAH 013 014
113		KAH 016
114		KAH 017
115		KAH 018
116		KAH 019
117		KAH 020
118		KAH 021
119	Coordinator	KAH 022
120		KAH 023
121	Coordinator	KAH 024
122		KAH 025
123	Coordinator P I	KAH 026
124	Coordinator	KAH 027

**RSS Activity Numbers by Program for 1988/89 and 1989/90  
and Changes Made in Proposals**

Program and Activity No 1989-1990	Changes in RSS Proposals for 1989-1990	Activity No 1988-89
Animal Reproduction		
125		KAH 002
126		KAH 005
127		KAH 006
128		KAH 007
Pesticides Lab		
129		LPC 003
130		LPC 008
131		LPC 012
132		LPC 009
133		LPC 002
Ecology		
134		LPE 007
135		LPE 012
136		LPE 013
137		LPE 055
138		LPE 041
139		LPE 042
140		LPE 044
141		LPE 045
142		LPE 025
143		LPE 026
144		LPE 039
145		LPE 060
146		LPE 061
147		LPE 062
148		LPE 063
149		LPE 064
150		LPE 049
151		LPE 050
152		LPE 051
153		LPE 052
154		LPE 053
155		LPE 054
156		LPE 004
157		LPE 011
158		LPE 057
159		LPE 048
160		LPE 017
Pathology		
161		LPP 013
162		LPP 030
163		LPP 032
164		LPP 033
165		LPP 001
166		LPP 005

RSS Activity Numbers by Program for 1988/89 and 1989/90  
and Changes Made In Proposals

Program and Activity No 1989-1990	Changes in RSS Proposals for 1989-1990	Activity No 1988-89
167		LPP 006
168		LPP 007
169		LPP 008
170		LPP 009
171		LPP 011
172		LPP 010
173		LPP 017
174		LPP 018
175		LPP 042
176		LPP 029
177		LPP 004
see 178		LPP 014
179		LPP 015
180		LPP 027
181		LPP 028
<b>Weed Control</b>		
182	Combined with 184 188 Budget	LPW 004 005,006
183	Combined with 187, Budget	LPW 007 008 018
184	Delete	LPW 009 010 012
185	Combined with 186 Budget	LPW 011
186	Delete	LPW 013 014
187	Delete	LPW 003 015 016,017 DFL 018 DFL 031
188	Delete	LPW 019
189	Title, Coordinator P I Budget	LPW 020
<b>Soil &amp; Water</b>		
190		MSW 001
191		MSW 005
192		MSW 007 009 010
see 193		MSW 011
194		MSW 013
195		MSW 014
196		MSW 015
197		MSW 016
198		MSW 017
199		MSW 018
200		MSW 020 021
201		MSW 022
202		MSW 023
203		MSW 024
204		MSW 025
205		MSW 026
206		MSW 028
207		MSW 029 030
208		MSW 031 -
209		MSW 032
210	P I	MSW 033

**RSS Activity Numbers by Program for 1988/89 and 1989/90  
and Changes Made in Proposals**

Program and Activity No 1989-1990	Changes in RSS Proposals for 1989-1990	Activity No 1988-89
253		PEC 025
254		PEC 010,026,027
<b>Statistics</b>		
255	Title	NEW
256		NEW
257		NEW
258		NEW
<b>Ext &amp; Rural Devlp</b>		
259	Coordinator	QAE 001 002,003
260		QAE 012 013 014
261		QAE 004 005,006 007 008,009
262		QAE 010 011
263		QAE 015 016
264		QAE 017
<b>Interdisciplinary</b>		
265	Title P I Budget	RIR 002 051
266	Title	RIR 032 033 067
267	Coordinator P I Station Budget	RIR 056 062 063,064,069
268	P I	RIR 023 024
269	Station, Budget	RIR 030 031
270		RIR 025 026,027 028 029
271	Title Obj P I	RIR 034 035 036 037 066
172		RIR 001 044 045 052 059 060
273		RIR 009 041 055
274	Title	RIR 007 008,058 068
275	Budget	RIR 006 053
276		RIR 010
277	Budget	RIR 011
278		RIR 012
279	P I	RIR 013
280		RIR 054
281	Title P I	RIR 049 050
282	P I	RIR 022 046,047,048
283		RIR 003 004 005
284	P I	RIR 039 040
285	Title Obj P I	RIR 014
286	P I	NEW
287		NEW
288		RIR 042
<b>On-Farm Trials</b>		
289		NEW
290		NEW
291		NEW
<b>Tech -Animals</b>		
292		UFT 001
293		UFT 002

**RSS Activity Numbers by Program for 1988/89 and 1989/90  
and Changes Made in Proposals**

Program and Activity No 1989-1990	Changes in RSS Proposals for 1989-1990	Activity No 1988-89
294		UFT 003
<b>Tech -Field Crops</b>		
295	Title, P I	UFT 004 005
296	P I	UFT 006 008,018,BFC 041,EFF 008
<b>Tech -Food &amp; Feed Lab</b>		
297		UFT 309
298		UFT 310
299		UFT 311
300		UFT 312
301		UFT 313
<b>Tech -Horticulture</b>		
302	P I	UFT 007
303	Delete	UFT 022 023 024
304	Coordinator P I	UFT 026
305	Budget	UFT 027
306		UFT 030
<b>Tech Food Tech Res</b>		
307		UFT 014
308		UFT 015
309		UFT 016
310		UFT 017
311		UFT 029
312		NEW
<b>Crop Intensification</b>		
313	Delete	WCI 001
314	P I Budget	WCI 003 009
315	Delete	WCI 006
316	P I Budget	WCI 008 010,011,012 013
<b>Management - Sabahia</b>		
317	P I	NEW
318		NEW
319		NEW
320	P I	NEW
<b>Salinity Lab -Sabahia</b>		
321		NEW
322		NEW
323		NEW
324		NEW
325		NEW
326	New Colton	NEW
327	New-Vaccine	NEW
328	New-Onion	NEW
329	New Forage	NEW
330	New- Fruit	NEW
331	New-Fruit	NEW

RSS Activity Numbers by Program for 1988/89 and 1989/90  
and Changes Made in Proposals

Program and Activity No 1989-1990	Changes in RSS Proposals for 1989-1990	Activity No 1988-89
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<b>1988/89 Numbers cancelled</b>
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FSC 014 019  
 GHF 010 016,017,018,019  
 IHO 001 007  
 JAP 005 007 009,015,016,017 019  
 KAH 001 004 008 012 015  
 LPC 004 005 006 007 -10  
 LPE 001 003,005,006 015,016 200  
 210 027 028 029 032 034,040 046,  
 055 066 067  
 LPP 002 012 019 020 021 022 024  
 025, 026 031 034,036,037,038 039,  
 041 043  
 MSW 012 047  
 PEC 002 003,005 016,019 029 030 032  
 RIR 043  
 WCI 002 004,005 007

Note

P1 = Principal Investigator

\* 306 proposals RSS 22/05/90 - cancelled 25 proposals added 6 new proposals

\*\*131 proposals modified since July 1 1990

RSS OPERATIONAL FLOW CHART

