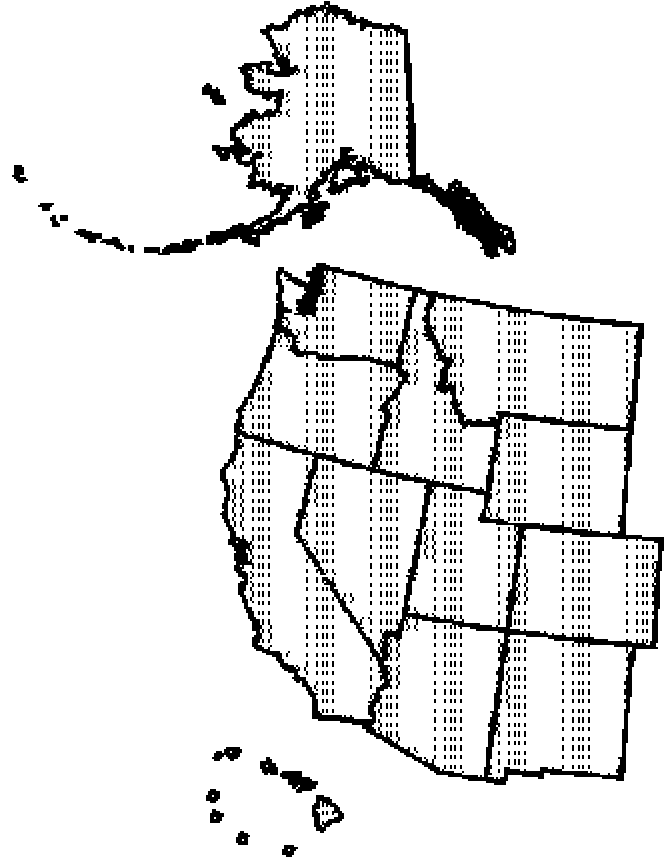


MINUTES OF THE MEETING OF
THE WESTERN ASSOCIATION OF
AGRICULTURAL EXPERIMENT STATION DIRECTORS

ALASKA
AM. SAMOA
ARIZONA
CALIFORNIA
COLORADO
GUAM
HAWAII
IDAHO
MICRONESIA
MONTANA
NEVADA
NEW MEXICO
N. MARIANA ISLANDS
OREGON
UTAH
WASHINGTON
WYOMING



Hyatt Regency Hotel
Kansas City, Missouri

Sunday, November 11, 1990

SUMMARY OF ACTIONS

Adopted the agenda. 1

Approved the minutes of the June 26 - 29, 1990 meeting with a correction on Page 15, under the heading of Oregon. The sentence commencing in the middle of line 9 be changed to read: The agricultural engineering technology was reviewed and discontinued. 1

Approved replacement of W-134 with WRCC-78 and W-151 with WRCC-79, pending receipt and approval of petitions. 7

Approved appointment of McHugh to serve as Western representative on the ESCOP Planning Group and thus on NARC, WARC and WRC. 7

Approved amendment of the By-Laws to accommodate the Community College of Northern Mariana Islands as a member of the Western Association of Agricultural Experiment Stations 7

Approved adjournment of the meeting 8

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WESTERN ASSOCIATION OF AGRICULTURAL EXPERIMENT STATION DIRECTORS
Hyatt Regency Hotel, Kansas City, MO
Sunday, November 10, 1990

MINUTES

ATTENDANCE:

ALASKA	James V. Drew	OREGON	Thayne R. Dutson
ARIZONA	C. Colin Kaltenbach		V. Van Volk
CALIFORNIA	David E. Schlegel	UTAH	H. Paul Rasmussen
COLORADO	Helen F. McHugh	WASHINGTON	
	Merle Niehaus		James J. Zuiches
	Glenn Schmidt	WYOMING	Al Gale
GUAM	Chin T. Lee		Robert D. Heil
HAWAII	Ned Kefford	ARS	William H. Tallent
IDAHO	Gary A. Lee	CSRS	William D. Carlson
	Richard Heimsch	DIRECTOR-AT-LARGE (DAL)	L. L. Boyd
MONTANA	Max L. Amberson	NASULGC	Terry L. Nipp
	Donald Mathre		
NEW MEXICO	Gary Cunningham		
	Dinus M. Briggs		

1.0 Call to Order

The meeting was called to order by Chair D. E. Schlegel.

2.0 Introductions

The attendees introduced themselves, including Max Amberson, Acting Director and Don Mathre, Acting Associate Director, Montana State University, who were attending for the first time.

3.0 Adoption of Agenda

The motion was made and seconded to adopt the agenda. MOTION CARRIED. The agenda is included as Appendix A, p. 9.

4.0 Approval of Minutes of June 26-29, 1990 Meeting

The motion was made and seconded to approve the minutes of the June 26 - 29, 1990 meeting with a correction on Page 15, under the heading of Oregon. The sentence commencing in the middle of line 9 be changed to read: The agricultural engineering technology was reviewed and discontinued. MOTION CARRIED.

5.0 Interim Actions of Chair

A. Recent Actions:

Dr. L. L. Boyd has been appointed to serve one year on Committee of Nine.

B. Other Appointments:

1. ESCOP Budget Group -- Since this group will be chaired by Colin Kaltenbach (AZ), the Western region will be represented by Al Gale (WY).
2. Special Initiatives -- Gary Cunningham (NM).
3. Plant Germplasm -- Merle Niehaus (CO) agreed to continue serving.

6.0 Treasurer's Report

The Treasurer's Report, which included five statements of account, was presented by Don Mathre and is included as Appendix B, pp. 10-14.

The five statements are titled:

Western Directors' at Large Account, FY 1990

Western Directors' at Large Account, FY 1991

Western Directors' Special Account, FY 1990

Western Directors' Special Account, FY 1991

Russian Wheat Aphid Account, Assessments and Income

There being no questions, it was moved and seconded to accept the Treasurer's report as presented. MOTION PASSED.

7.0 CSRS Report

The CSRS Report was presented by Carlson on behalf of John Patrick Jordan and is included as Appendix C, pp. 15-20.

Carlson elaborated on the workshops conducted relating to NRI initiatives; he spoke to the omission of animal health from FY 91 appropriations; and, urged early submission of Special Research Grants.

A concern was expressed about Item 11 of the report regarding Regional Research, in which Administrator Jordan's report seemed to imply that regional research projects had to conform to national priorities. Neither the enabling legislation, nor the debate that surrounded that legislation supports such interpretation.

Some suggestions were offered related to the John A. Naegele position, which will be vacated early in 1991.

8.0 ARS Report

The ARS Report was presented by Tallent.

- A. A statement dated October 4, 1990, in response to the Board of Agriculture's report on National Plant Germplasm System, was distributed (Appendix D, pp. 21-23).
- B. Redirections are occurring at regional research centers, stemming in part from decisions internal to ARS and in part from congressional directives. As a result of a major adjustment in response to the Glenn Amendment in the FY 1990 budget, \$10.5 million at Russell Research Center in Atlanta will go towards research in industrial uses. An earlier version of the Farm Bill had 20% of research for commercialization; that provision was eventually dropped. A new research center was authorized in 1990 Farm Bill for industrial use research.

Four regional centers have been in operation for 50 years as of 1990. A symposium will be held in conjunction with AAAS on February 17, 1991. Dean Plowman will make major awards at the luncheon during the symposium.

ARS is trying to respond to the budget situation at research centers. Budget increases have been largely targeted; a number of centers have had no budget increases, some have almost no operating funds. ARS freed up \$8 million last year which included a RIF of 25 FTE Programs must be adjusted.

- C. Special efforts have been made for cooperation between ESCOP and ARS. This year Kreuger & Plowman have made special efforts in the area of ground water. Food safety was identified as the next topic area for special cooperation. Daryl Lund (Rutgers) and Bill Tallent are working on this. For the FY 93 ESCOP Budget, it was reported that Paul Rasmussen (UT) has been assigned to develop a coordinated statement related to food safety.
- D. A list of ARS award winners was distributed (Appendix E, pp. 24-26). A category for early career scientists has been added.
- E. A paper titled "Farm Bill Highlights" was distributed (Appendix F, pp. 27-32).

9.0 DAL Report

The DAL Report was presented by Boyd and is included as Appendix G, pp. 33-35.

Questions were presented on activities related to energy developments, agriculture biomass, and alternative fuels. Boyd believes that non-food uses of agricultural commodities is something we need to push. Lee indicated that the Department of Energy wants to take the lead in continuing research on the use of alcohol as fuel. Heil expressed concern about the impact of biomass conversion on our natural resource base, especially soil conservation and water quality.

10.0 Reports by Representatives to:

10.1 ESCOP

The ESCOP report was presented by Schlegel. It was decided to continue appointment of Terry Nipp re: Water Quality. (Probably last year of contract re: Water). Drew presented questions regarding the Division of Agriculture staffing, which evidently, now is a study of NASULGC structure. It was reported that structure will be on the agenda of ESCOP's meeting on Monday.

10.2 ESCOP Research Planning Group

The ESCOP Research Planning Group Report was presented by Dutson. Only minor adjustments are anticipated in the major planning document. Neville Clarke is putting together a group to add more detail to the science section.

10.3 ESCOP Special Initiatives Subcommittee

Lee reported that the Oakland, CA meeting was excellent, and the Western Region was well represented by the attendance of Muntifering (MT), Koong (OR), Schlegel (CA-S), Boyd (DAL), and Lee (ID). They discussed the non-food uses of agricultural products. A discussion about the Spring Meeting was held, with suggestions of Tucson or Seattle. Kaltenbach stated that some people think Tucson's Biosphere is more theater than science.

Nipp thinks the next environmental legislation will be reauthorization of Clean Water Act.

Zuiches mentioned the Endangered Species Act, which is due for reauthorization, as having implications for the agricultural community.

10.4 ESCOP Leadership Development Subcommittee

An overview of the program was presented by Dutson. Materials have been distributed to each AES Director. Applications are due January 31, 1991. The program has three phases. This is an opportunity to develop understanding about SAESs among potential future leaders.

A question was asked about the possibility of any future programs to be held, or is this a one-time deal? Most expected it to be held annually.

10.5 FY 1992 ESCOP Budget Group

The FY 1992 ESCOP Budget Group report was presented by McHugh.

The FY 1992 Budget Group of ESCOP met early in the day. The first part of the meeting was in conjunction with the FY 1993 Budget Group. Wadsworth, Chair of the FY 1992 ESCOP Budget Subcommittee, was a special guest.

A review was made of the FY 1991 appropriations. The National Research Initiative (NRI) received a net increase of approximately \$25 million. No programs were eroded by the NRI appropriation. The Initiative was felt to have suffered from the Middle East crisis having erupted prior to Senate markup. The group, which had recommended \$300 million for NRI for FY 1992, felt that figure should be adjusted downward, probably \$200 to \$250 million.

The animal health appropriation, which in previous budgets had been a separate line but earlier had been melded into the NRI proposal, was omitted from the FY 1991 appropriations. This is of considerable concern since a second year of omission could risk its being lost. An agreement was offered for including it in FY 1992 as a separate line.

The limitation on indirect costs was discussed without a clear strategy identified for approaching. A major education effort was deemed essential. It was noted that Congressman Whitten listens to members of his committee. The consensus was that the NRI and the matter of indirect costs be addressed as separate issues.

Some miscellaneous points mentioned included: (a) animal germplasm is seen as an emerging issue, (b) ICOP has an item of \$8+ million for research to include germplasm, biocontrol and environmental interrelationship, (c) the 1990 Farm Bill contains a number of inconsistencies and will require a lot of "clean-up", and (d) the Iraqi invasion may provide an opening to highlight research related to alternative energy.

The group received a presentation by Roger Wyse (Rutgers) related to the urgency of clearances for and reregistration of minor-use pesticides. This has implications for the work being done in IR-4. While a question was raised about the timing of the presentation, the majority of the Group felt that the needs of IR-4 must be recognized.

Evidently, a major effort is in the offing with respect to forestry research, perhaps a target of \$100+ million.

The chairman of the FY 1992 Group shared a number of ideas for working toward implementation of the Group's recommendations. He has used both professional organizations and commodity groups as a network who will contact members of Congress. He has devised a technique for getting a Congressman to write others in Congress.

10.6 FY 1993 ESCOP Budget Group

The FY 1993 ESCOP Budget Group Report was presented by Rasmussen who reported the group was working with moving targets. Speculation centered around the NRI being recommended at \$300 million level; and a specific category for animal health.

Facilities allocations need some control. Perhaps a competitive grants mode (\$20 million). Presentations by CSRS at the group's October meeting include proposals totaling > \$300 million.

10.7 ESCOP Electronic Communications Subcommittee

Boyd distributed a report included as Appendix H, pp. 36-43.

Use of DIALCOM will probably be phased out by September, 1991. CSRS appears interested in the Internet capability. Some scientists are already accessing the super computer, thus, NSF set up the network.

10.8 Committee of Nine

No report was presented.

11.0 Water Quality Funding

Reports were presented by Nipp and Volk. A two-page summary of the 1991 Budget was distributed and appears as Appendix I, p. 44-45.

There has been some success in minimizing "earmarking" or "pork barrel" type appropriations. Some concern was expressed about a "leaked" memo and what it may mean for future appropriations. Terry Nipp stated that Congress is sensitive to slowness in awarding the research funds appropriated. Results take time but progress reports would be helpful. GAO criticized USDA regarding water quality program administration.

Volk made an announcement that \$8 million has been appropriated for the water quality initiative, \$7,584,000 to be distributed regionally: \$2 million "off top"; \$1.2 million to each region. RFP for Water Quality Special research grants should be on desk early next week. On Tuesday, November 13, 1990, copies will be direct mailed to many departments. RFP from the NRI will have both fundamental type and mission-oriented research. There is a 14 percent lid on Indirect Costs.

12.0 Pest Management Activities

Schlegel reported that the Western IPM request for proposals would be released very soon. The proposals will be open to biological control projects, as in the past. Biocontrol believes it is not getting its fair share of IPM money. The West is carrying \$100,000, strictly for biological control grants.

13.0 Future Meetings

13.1 Spring Meeting

Kaltenbach reported that the WDA Spring Meeting would be held in Tucson, AZ - April 2-5, 1991, at the Hacienda de Sol. The schedule is as follows:
Tuesday, April 2 - RIC (all day)
Tuesday, April 2 - Executive Committee (evening)

Wednesday and Thursday, April 3-4 - WDA
Friday, April 5 - Maricopa Center tour (optional)

13.2 Summer Joint Meetings

Cunningham reported that the Joint Summer Meetings would be held in Santa Fe, NM - July 21-26, 1991 at La Fonda, with perhaps some needing accommodations at The Inn at Loretto.

Friday, Saturday and Sunday, July 19-21 - tours
Sunday night, July 21 - Opening Reception
(later in week CID meets - will have to have joint meetings earlier)

14.0 Other Business

14.1 RIC Report

Boyd reported that W-134 and W-151 proposals were rejected by Committee of Nine. Both groups request that WRCCs be established. The motion was made and seconded to replace W-134 with WRCC-78 and W-151 with WRCC-79, pending receipt and approval of petitions. MOTION CARRIED.

14.2 Representation on NARC, WARC, WRC, RIC and ESCOP

The motion was made and seconded to appoint McHugh to serve as Western representative on the ESCOP Planning Group and thus on NARC, WARC and WRC. MOTION CARRIED.

Pardini will serve on the Research Implementation Committee (RIC).

14.3 Amendment of By-Laws

The motion was made and seconded to approve amendment of the By-Laws to accommodate the Community College of Northern Mariana Islands as a member of the Western Association of Agricultural Experiment Stations. MOTION CARRIED.

14.4 State Reports

It was reported that Garth Sasser (ID) was appointed for part-time AES. Max Amberson announced a Presidential search at Montana State.

15.0 Resolutions

It was noted that resolutions had been presented and adopted for Dennis Oldenstadt, and Jim Welsh at the June, 1990 meetings.

16.0 Changing of the Guard

Schlegel expressed his appreciation to Boyd for his extraordinary support to the WAAESD Chairman.

The gavel was passed to Lee.

17.0 Adjournment

The motion was made and seconded to adjourn the meeting. MOTION CARRIED.

APPENDIX A

**WESTERN ASSOCIATION OF AGRICULTURAL EXPERIMENT STATION
DIRECTORS**

Hyatt Regency Hotel, Kansas City, MO
Sunday, November 11, 1990
1:00 - 4:30 pm

AGENDA

1:00	1.0	Call to Order	D. E. Schlegel
	2.0	Introductions and Announcements	D. E. Schlegel
	3.0	Adoption of Agenda	
	4.0	Approval of Minutes of 6/26-29/90 Meeting	D. E. Schlegel
1:05	5.0	Chair/Executive Committee Report	D. E. Schlegel
1:15	6.0	Treasurer's Report	Don Mathre
1:25	7.0	CSRS Report	J. P. Jordan
1:40	8.0	ARS Report	W. H. Tallent
1:50	9.0	DAL Report	L. L. Boyd
	10.0	Reports by Representatives to:	
2:05	10.1	ESCOP	J. V. Drew
2:15	10.2	ESCOP Research Planning Group	T. R. Dutson/J. J. Zuiches
2:25	10.3	ESCOP Special Initiatives Subcommittee	G. A. Lee
2:35	10.4	ESCOP Leadership Development Subcommittee	T. R. Dutson
2:45	10.5	FY1992 ESCOP Budget Group	Helen McHugh
2:55	10.6	FY1993 ESCOP Budget Group	Paul Rasmussen
3:05	10.7	ESCOP Communications Subcommittee	L. L. Boyd
3:15	10.8	Committee of Nine	Kelvin Kong/George Ware
3:25	11.0	Water Quality Funding	V. V. Volk/T. Nipp
3:35	12.0	Pest Management Activities	D. E. Schlegel
	13.0	Future Meetings	
3:45	13.1	Spring WDA Meeting Plans	George Ware
3:50	13.2	Summer Meeting Plans; Joint Meeting with Deans, Resident Instruction, Extension & CARET	Gary Cunningham
	14.0	Other Business	
3:55	14.1	RIC report and action	Seymour Van Gundy
4:05	14.2	Representation on NARC, WARC, WRC, RIC and ESCOP	D. E. Schlegel
4:15	14.3	Amendment of By-Laws	D. E. Schlegel
4:20	14.4	State Reports	
4:25	15.0	Resolutions	
	16.0	Changing of the Guard	
4:30	17.0	Adjournment	

Thirty copies of all reports should be brought for distribution at the meeting. Because time will be limited, please plan for your oral report to be brief to allow maximum time for discussion. Also feel free to provide copies of other materials (not on the agenda) of value/interest to Association members.

APPENDIX B

WESTERN DIRECTORS' AT LARGE ACCOUNT
YEAR END FINANCIAL REPORT

FY1990

ASSESSMENTS

09-Nov-90

ITEM	ASSESSMENT	INCOME	BALANCE
JULY 1, 1989 BALANCE			34,588.97
AM. SAMOA	500.00	500.00	35,088.97
MICRONESIA	500.00	1,000.00	36,088.97
ALASKA	6,406.03	6,406.03	42,495.00
ARIZONA	11,488.52	11,488.52	53,983.52
CALIFORNIA	17,874.84	17,874.84	71,858.36
COLORADO	8,696.17	8,696.17	80,554.53
GUAM	6,235.62	6,235.62	86,790.15
HAWAII	8,399.00	8,399.00	95,189.15
IDAHO	10,162.31	10,162.31	105,351.46
MONTANA	10,755.03	10,755.03	116,106.49
NEVADA	8,250.84	8,250.84	124,357.33
NEW MEXICO	8,554.60	8,554.60	132,911.93
OREGON	13,059.18	13,059.18	145,971.11
UTAH	10,932.83	10,932.83	156,903.94
WASHINGTON	12,525.72	12,525.72	169,429.66
WYOMING	9,636.29	9,636.29	179,065.95
SUB TOTAL	143,976.98	144,476.98	179,065.95
COLORADO RENT	4,200.00		
TOTAL	148,176.98	144,476.98	179,065.95

INCOME AND EXPENSES

DATE	TRANSACTION	INCOME	EXPENSE	BALANCE
16-NOV-89	JULY INTEREST	266.76		179,332.71
16-NOV-89	AUGUST INTEREST	256.50		179,589.21
16-NOV-89	SEPTEMBER INTEREST	239.40		179,828.61
16-NOV-89	OCTOBER INTEREST	263.34		180,091.95
16-NOV-89	TRANSFER OF FUNDS TO COLORADO		32,500.00	147,591.95
18-DEC-89	NOVEMBER INTEREST	242.82		147,834.77
18-JAN-90	DECEMBER INTEREST	232.56		148,067.33
17-JAN-90	TRANSFER OF FUNDS TO COLORADO		32,500.00	115,567.33
14-FEB-90	JANUARY INTEREST	259.92		115,827.25
18-MAR-90	FEBRUARY INTEREST	215.46		116,042.71
26-MAR-90	TRANSFER OF FUNDS TO COLORADO		32,500.00	83,542.71
16-APR-90	MARCH INTEREST	336.06		83,878.77
12-JUN-90	APRIL INTEREST	554.40		84,433.17
12-JUN-90	MAY INTEREST	554.40		84,987.57
07-JUN-90	TRANSFER OF FUNDS TO COLORADO		32,500.00	52,487.57
30-JUN-90	JUNE INTEREST	562.32		53,049.89
BALANCE JUNE 30, 1990		3,983.94	130,000.00	53,049.89

WESTERN DIRECTORS' AT LARGE ACCOUNT
FINANCIAL REPORT

FY1991

ASSESSMENTS

09-Nov-90

ITEM	ASSESSMENT	PAYMENT	BALANCE
JULY 1, 1990 BALANCE			53,049.89
AM.SAMOA	600.00		53,049.89
MICRONESIA	600.00		53,049.89
NORTHERN MARIANAS	600.00		53,049.89
ALASKA	6,802.82		53,049.89
ARIZONA	12,140.59		53,049.89
CALIFORNIA	18,847.78		53,049.89
COLORADO	9,418.98		53,049.89
GUAM	6,623.85		53,049.89
HAWAII	8,895.91		53,049.89
IDAHO	10,747.80		53,049.89
MONTANA	11,370.25		53,049.89
NEVADA	8,740.29		53,049.89
NEW MEXICO	9,059.32		53,049.89
OREGON	13,790.16		53,049.89
UTAH	11,557.01		53,049.89
WASHINGTON	13,299.91		53,049.89
WYOMING	10,195.34		53,049.89
 SUB TOTAL	 153,290.01	 0.00	 53,049.89
COLORADO RENT	4,200.00		
 TOTAL	 157,490.01	 0.00	 53,049.89

INCOME AND EXPENSES

DATE	TRANSACTION	INCOME	EXPENSES	BALANCE
14-AUG-90	TRANSFER FUNDS TO COLORADO		32,000.00	21,049.89

BALANCE NOVEMBER 9, 1990

21,049.89

WESTERN DIRECTORS' SPECIAL ACCOUNT
YEAR END FINANCIAL REPORT

FY 1990			09-Nov-90
ASSESSMENTS			
ITEM	ASSESSMENT	PAYMENT	BALANCE
JULY 1, 1989 BALANCE			6,437.81
ALASKA	793.40	793.40	7,231.21
ARIZONA	1,415.94	1,415.94	8,647.15
CALIFORNIA	2,198.18	2,198.18	10,845.33
COLORADO	1,588.36	1,588.36	12,433.69
GUAM	772.53	772.53	13,206.22
HAWAII	1,037.52	1,037.52	14,243.74
IDAHO	1,253.50	1,253.50	15,497.24
MONTANA	1,326.10	1,326.10	16,823.34
NEVADA	1,019.37	1,019.37	17,842.71
NEW MEXICO	1,056.58	1,056.58	18,899.29
OREGON	1,608.33	1,608.33	20,507.62
UTAH	1,347.88	1,347.88	21,855.50
WASHINGTON	1,542.99	1,542.99	23,398.49
WYOMING	1,189.07	1,189.07	24,587.56
TOTAL	18,149.75	18,149.75	24,587.56

INCOME AND EXPENSES

DATE	TRANSACTION	INCOME	EXPENSE	BALANCE
01-SEP-89	ZUICHES-DIV OF AG BUDGET MTG.		1,055.08	23,532.48
01-SEP-89	G.LEE ESCOP-ORLANDO,D.C.,FAIRBANKS		3,330.70	20,201.78
22-SEP-89	MUNTIFERING-ESCOP SPEC. INITIATIVES		567.35	19,634.43
22-SEP-89	DREW-ESCOP-ORLANDO		1,143.21	18,491.22
18-OCT-89	KOONG-ESCOP-DENVER		749.95	17,741.27
18-OCT-89	ZUICHES-ESCOP BUDGET MTG-DENVER		732.35	17,008.92
16-NOV-89	JULY INTEREST	104.52		17,113.44
16-NOV-89	AUGUST INTERST	100.50		17,213.94
16-NOV-89	SEPTEMBER INTEREST	93.80		17,307.74
16-NOV-89	OCTOBER INTEREST	103.18		17,410.92
18-DEC-89	NOVEMBER INTEREST	95.14		17,506.06
18-JAN-90	DECEMBER INTEREST	91.12		17,597.18
02-FEB-90	MC HUGH-ESCOP-D.C.		606.69	16,990.49
02-FEB-90	ZUICHES-ESCOP-FAIRBANKS		1,521.00	15,469.49
14-FEB-90	JANUARY INTEREST	101.84		15,571.33
14-FEB-90	MUNTIFERING-ESCOP - ORLANDO		1,127.98	14,443.35
22-FEB-90	ZUICHES-ESCOP-D.C.		757.66	13,685.69
13-MAR-90	FEBRUARY INTEREST	84.42		13,770.11
26-MAR-90	COLORADO STATE-MC HUGH TRAVEL		846.88	12,923.23
16-APR-90	MARCH INTEREST	91.12		13,014.35
14-MAY-90	WASH STATE-ZUICHES TRAVEL		1,568.18	11,446.17
14-MAY-90	U OF ALASKA-DREW ESCOP TRAVEL		1,588.35	9,857.82
01-JUN-90	APRIL INTEREST	93.80		9,951.62
01-JUN-90	MAY INTERST	93.80		10,045.42
07-JUN-90	CSU-HEIL TRAVEL-ESCOP-ALASKA,HAWAII		2,482.11	7,563.31
07-JUN-90	IDAHO-GARY LEE-ESCOP		1,938.73	5,624.58
30-JUN-90	JUNE INTEREST	95.14		5,719.72
BALANCE JUNE 30, 1990				5,719.72

WESTERN DIRECTORS' SPECIAL ACCOUNT
FINANCIAL REPORT

ASSESSMENTS	FY 1991		09-Nov-90
ITEM	ASSESSMENT	PAYMENT	BALANCE
JULY 1, 1990 BALANCE			5,719.72
ALASKA	1,092.86		5,719.72
ARIZONA	1,950.36		5,719.72
CALIFORNIA	3,027.85		5,719.72
COLORADO	2,187.86		5,719.72
GUAM	1,064.11		5,719.72
HAWAII	1,429.11		5,719.72
IDAHO	1,726.61		5,719.72
MONTANA	1,826.60		5,719.72
NEVADA	1,404.11		5,719.72
NEW MEXICO	1,455.36		5,719.72
OREGON	2,215.36		5,719.72
UTAH	1,856.61		5,719.72
WASHINGTON	2,125.36		5,719.72
WYOMING	1,637.86		5,719.72
TOTAL	25,000.02	0.00	5,719.72

INCOME AND EXPENSES

DATE	TRANSACTION	INCOME	EXPENSE	BALANCE
07-AUG-90	Zuiches Travel-ESCOP-D.C.		1,154.07	4,565.65
04-SEP-90	Schlegel Travel-ESCOP-Hawaii(Mar90)		1,472.69	3,092.96
02-OCT-90	Koong Travel-ESCOP-Oakland		894.50	2,198.46
24-OCT-90	Rasmussen Travel-ESCOP-D.C.		1,129.04	1,069.42
BALANCE NOVEMBER 9, 1990			4,650.30	1,069.42

RUSSIAN WHEAT APHID ACCOUNT
FINANCIAL REPORT

ASSESSMENTS AND INCOME

08-Nov-90

ITEM	DR. ESTOP TRAVEL ASSESSMENT 5/12/88	ESTOP PAID	4/28/89 ASSESSMENT	PAID
ARIZONA	694.00	694.00	1,000.00	1,000.00
CALIFORNIA	694.00	694.00	1,000.00	
COLORADO	694.00	694.00	1,000.00	1,000.00
IDAHO	694.00	694.00	1,000.00	1,000.00
KANSAS	694.00	694.00	1,000.00	1,000.00
MONTANA	694.00	694.00	1,000.00	1,000.00
NEBRASKA	694.00	694.00	1,000.00	1,000.00
NEW MEXICO	694.00	694.00	1,000.00	1,000.00
OKLAHOMA	0.00	0.00	1,000.00	1,000.00
OREGON	694.00	694.00	1,000.00	1,000.00
SOUTH DAKOTA	694.00	694.00	1,000.00	1,000.00
TEXAS	694.00	694.00	1,000.00	1,000.00
UTAH	694.00	694.00	1,000.00	1,000.00
WASHINGTON	694.00	694.00	1,000.00	1,000.00
WYOMING	694.00	694.00	1,000.00	1,000.00
 SUB TOTAL- INCOME	 9,716.00	 9,716.00	 15,000.00	 14,000.00
 EXPENDITURES -----				
09-MAY-88	BRIT. MUSEUM-KEEPER OF ENTOMOLOGY	9,710.00		
10-JUN-88	FEDERAL EXPRESS-TO BRITISH MUSEUM	25.00		
01-JAN-90	U OF CALIF.-D. GONZALEZ			13,000.00
01-JAN-90	TEXAS A&M - F. GILSTRAP			2,000.00
 BALANCE		 (19.00)		 (1,000.00)

APPENDIX C

COOPERATIVE STATE RESEARCH SERVICE
REPORT TO THE
WESTERN AGRICULTURAL EXPERIMENT STATION DIRECTORS
NATIONAL ASSOCIATION OF STATE UNIVERSITIES AND LAND GRANT COLLEGES

KANSAS CITY, MISSOURI
NOVEMBER 10-13, 1990

1. The National Research Initiative (NRI): Months of study, planning, and preparation, have been completed and the NRI is ready to be launched. The success is built on many important steps. The comprehensive study by the National Academy of Sciences entitled Investing in Research was an important early element. Building on this report, the Department involved all of its research and education agencies to develop a proposal for an NRI in the FY 1991 budget request. A Program Plan for the NRI was developed, widely distributed, and has served as a basis for dialogue on implementation of the programs. At the same time the Department under Assistant Secretary C. E. Hess was developing its plans, Dr. Neville P. Clarke was organizing an educational program for organizations outside of USDA for information about the need and opportunity for an initiative in agricultural research. This effort resulted in CARAFE which continues today as a strong support group for the NRI. When the Congress identified which programs would be funded in FY 1991, USDA organized informal user workshops to look at research needs and priorities for the NRI. The workshops were followed by research planning committees made up of scientists who translated the needs into research program statements. The next step was to write the requests for proposals which should be published in the Federal Register about the end of November. Getting where we are today with the NRI is the result of much hard work by many dedicated individuals and the support of many organizations. A Hill staffer with one of the agriculture committees was quoted as saying that there was an inquiry from almost every State delegation on how they should respond to letters of support for the NRI.

The funding level of \$73 million is not as high as we had hoped for but it is a good start. And I see much to be pleased about. There was a virtual consensus in support of the NRI. If we all work to maintain that consensus, expanded funding in future years should be assured. The broad participation by USDA agency heads in the NRI is a very positive development in interagency cooperation. And perhaps most importantly, the broad involvement of users has established linkages that will be very important to the future of all of our programs.

2. 1890 Centennial: A highlight for 1990 was the numerous events across the country in celebration of the centennial of the Second Morrill Act of 1890. I was especially pleased to take part in the celebration in Washington in April and the recognition at Lincoln University on August 30, the anniversary of the signing of the Act.
3. 1990 Farm Bill: The research title of the new farm bill went through many versions before completion. A summary of the final version is being provided for your information. A highlight for us is the authorization for the National Research Initiative with a funding level increasing to \$500 million by 1995. In preparation for the Farm Bill, I added a legislative analyst to my staff, Patrick J. Casula. He has worked hard on our behalf and is very familiar with the issues in the Farm Bill. He has expressed appreciation for the assistance many of you have provided in following up on Farm Bill issues and invites your questions. He can be reached at 202/447-4423.
4. Higher Education Programs: The CSRS Office of Higher Education Programs (HEP) launched two new highly successful competitive grants programs in FY 1990. These include the Higher Education Challenge Grants Program and the 1890 Institution Teaching and Research Capacity Building Grants Program. The two new programs, along with the National Needs Graduate Fellowships Program, generated a total of 483 proposals from colleges and universities. The proposals were reviewed by three separate panels consisting of a total of 114 individuals with outstanding expertise in the areas targeted for support. As of September 1990, HEP awarded a total of 83 grants: 30 for doctoral Fellowships; 29 for 1890 Institution Teaching and Research Capacity Building; and 24 for Higher Education Challenge Grants. The \$9.5 million Federal investment in these three programs generated more than \$5 million in State or private matching support. This extraordinary achievement attests to the high priority needs being addressed by these three unique grants programs.
5. National Hispanic Challenge Forum: A USDA National Hispanic Challenge Forum was held October 26, 1990. Approximately one hundred senior policy level officials from government, industry, and academia discussed ways of "Forging New Partnerships to Attract Hispanic Talent to Careers in Agriscience and Agribusiness." Program presenters included Congressman E. (Kika) de la Garza, Chairman for the House Committee on Agriculture; Richard Marquez, Special Assistant to the Secretary, U.S. Department of Education, Dr. Manuel Ibanez, President, Texas A&I University; Dr. Pedro Sanchez, Soil Scientist, North Carolina State University; and Ms. Susan Forte, National Agriscience Ambassador, University of Florida.

Assistant Secretary Charles E. Hess, and I as well as Assistant Secretary Adis M. Vila, Soil Conservation service deputy chief Manley Wilder, and K. Jane Coulter, Deputy Administrator for Higher Education Programs also participated in the program.

6. CSRS FY 1991 Budget: The President signed the Rural Development, Agriculture, and Related Agencies Appropriations Act on November 5, 1990. The Conference action information that was sent to you on October 25, 1990, has not changed. Excluding the CSRS Buildings and Facilities Account, CSRS received a 15 percent increase over its fiscal year 1990 appropriated level. This includes a greater than 50% increase for the National Research Initiative while at the same time providing increases for all four CSRS formula programs. There was also growth in the other CSRS grant programs with the exception of the Animal Health Special Research Grants that were eliminated. The President signed the Budget Enforcement Act of 1990 on November 5, 1990. An across-the-board sequester reduction in 1991 no longer appears necessary as a result of this legislation. The President's fiscal year 1992 budget will probably not be submitted to Congress until February instead of the original date of January 7, 1991.

FY 1991 Grant Proposals. In order to more quickly process your grant proposals, CSRS is requesting that the proposals for discretionary Special Research Grants and other specific grants be submitted as soon as possible and in all cases before January 7, 1991. We want to award these before we become inundated with proposals for the competitively awarded research and education programs. CSRS faculty members will be contacting you in the near future with more specific information.

7. Electronic Communication: During FY 1991, CSRS plans to move from DIALCOM to the National Science Foundation Network (NSFNET) for electronic mail and other communication services. NSFNET is a communications network that interconnects a number of mid-level networks which in turn interconnect with a dozen or more campus-area-networks commonly used by academic and research institutions. In addition to electronic mail, NSFNET will provide file transfer, remote log-on and resource sharing capabilities at little or no cost. Most land-grant universities already have access to an NSFNET node. Each 1890 institution should also have access in the near future. Extension Service is already in the process of transferring all its' electronic communications to NSFNET. In order to facilitate the transition, we recommend that each research office contact their university computer center to obtain specific information for setting up a mailbox on the NSFNET system. If CSRS can be of any assistance, please contact Ted

Bauer (301/344-3846 or TBAUER@UMDARS.UMD.EDU). We will maintain a directory for the research system if you'll let us know your NSFNET system address when it's established.

8. CRIS Developments: The CRIS office produced two new manuals in FY 1990. The "Manual For Preparing CRIS Form AD-419" was prepared to help improve the quality of the financial and staff support data reported to CRIS. Your questions, comments and suggestions for improving the manual are welcome. "A Guide To Services" was prepared to remind you and your scientists that (1) CRIS is the central source of project information on Agricultural and Forestry Research and (2) the CRIS staff is available to prepare searches of the database on request. Additional copies of both manuals are available.

The Human Nutrition Research and Information Management System (HNRIMS) has now been added as a subfile to CRIS/USDA (file 60) on DIALOG. The HNRIMS subfile produced by the U.S. Department of Agriculture and the National Institutes of Health, Department of Health and Human Services, provides project information on all human nutrition research and training activities supported in whole or part by the Federal Government.

The FY 1989 CRIS Derived file, consisting of funding and scientist-year data aggregated by organization/state and classification code, is now available for both main frame and micro computers. The main frame tape is in IBM EDCDIC code. The micro computer diskettes are available at present only on 5 1/4 inch, 1.2 MB high density diskettes. The diskettes also include a retrieval program for the Derived file usable on an IBM compatible personal computer.

An enhanced version of the AD-421 micro computer data entry program has been developed through a cooperative agreement with Vermont. The new features and enhancements add flexibility to the program making it possible to import information from other sources into the CRIS 421 program, and export data from the CRIS program to other applications. These new features will be of special interest to those stations who have other computer applications that could benefit directly from integrating CRIS 421 data.

9. CSRS Update: The CSRS faculty and staff continues a heavy involvement in the many programs and activities of the agricultural research and education system. We are delighted with the heavy use being made of the conference rooms in the Aerospace Building, and wonder how we were able to operate without them. The transition for the Competitive Research Grant Program to the National Research Initiative (NRI) is moving smoothly with the experienced leadership of Dr. Paul Stumpf who agreed to stay on for a third year as Chief Scientist. A number of new scientific

experts have been assigned to work with Dr. Stumpf and the permanent competitive research grants staff to implement the NRI. Dr. Arthur Kelman, an Emeritus Professor from the University of Wisconsin now associated with North Carolina State, has agreed to be Chief Scientist beginning October 1991. Like Paul Stumpf, he is a member of the National Academy of Sciences.

Four scientists joined CSRS in permanent positions during the past year. They are Dr. Clifford Gabriel, plant pathologist, from the National Research Council; Dr. Liang Lin, plant physiologist, from Washington University, St. Louis; Dr. Joseph Roetheli, Assistant Biomass Program Manager from the Tennessee Valley Authority; and Dr. Henry Tyrrell, ruminant nutritionist from the Agricultural Research Service. In addition Dr. Colien Hefferan, home economist, will be rejoining our staff when she returns from assignment in Australia in March of 1991. Dr. K. Jane Coulter is now a deputy administrator for CSRS as well as Director of the Higher Education Program.

We have five scientists with us on IPA assignments: Dr. Chauncey Ching, agricultural economist and director, University of Hawaii; Dr. George Cooper, animal scientist, Alabama A&M University; Dr. R. Oneal Smitherman, aquaculture scientist, Auburn University; Dr. George Wagner, soil scientist, University of Missouri, and Dr. William Wagner, veterinary scientist from the University of Illinois. IPAs who completed assignments in 1990 were: Dr. Tahira Hira, home economist from Iowa State University; Dr. Ray Loan, veterinary scientist, from Texas A&M University, and Dr. Bob Volk, soil scientist, from the University of Missouri. In addition to the formal IPA arrangements, we have many experts on part-time assignments who are making it possible for CSRS to serve the system. Your support in all of these assignments is greatly appreciated.

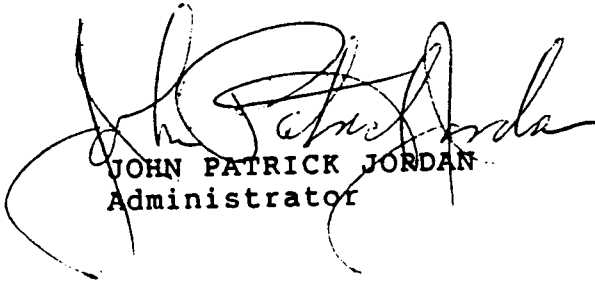
The increasing emphasis on program planning and commitment to focused programs such as the water quality initiative have placed demands on CSRS that cause us to rethink some of our traditional commitments. We are doing fewer on-site reviews of academic departments and applying criteria to select those that appear to be most needed, for example. We will be working with you as we further analyze how to best utilize our resources in support of the system.

On a sadder note, three leaders of CSRS died in 1990. Dr. H. C. Knoblauch, former Associate Administrator, died in February; and Dr. T. C. Byerly, former Administrator, and Dyarl King, principal veterinarian died in May.

10. Water Quality: The water quality special research grant program, now a part of the President's Water Quality Initiative, will continue with its two primary thrusts -- the Midwest initiative and the components research which is open to national competition. Both are sharply focused on determining the extent of agricultural chemicals reaching groundwater, evaluating agricultural practices that mitigate that potential, and remedial practices where it has occurred.
11. Regional Research: In response to the request of the DAL's on behalf of ESCOP, CSRS will work with the Committee of Nine to assure a good fit between the Regional Research Program and the ESCOP/Joint Council priority setting process.

The DIGEST is scheduled to begin publication in January 1991. It will focus on accomplishments involving several states and thus will use the Regional Research Projects as a natural core although the DIGEST will not be exclusively a Regional Research publication.

Respectfully submitted,



JOHN PATRICK JORDAN
Administrator

APPENDIX D

Comments on the Board on Agriculture Report
on the National Plant Germplasm System

The National Plant Germplasm System (NPGS), administered by the Agricultural Research Service (ARS), is the premiere plant germplasm preservation system in the world. It serves the entire U.S. agricultural community, a community with many diverse needs and many uses. Since ARS intends for the NPGS to be user driven, the user community has been encouraged to become involved in its many activities.

In 1980-81, the General Accounting Office (GAO) conducted two studies on ARS germplasm programs, one on management and another on operations. Since that time, ARS has implemented recommended changes so that the NPGS would better serve the user community. Total funds allocated for ARS germplasm programs have increased from about \$8 million to about \$28 million, partly from redirection and partly from program increases requested by ARS. NPGS sites and activities were expanded and the user community was encouraged to have a greater involvement. The Germplasm Resources Information Network (GRIN) was greatly expanded and 40 Crop Advisory Committees have been established for specific crops or groups of crops. International activities were expanded as were plant explorations. Greater emphasis was placed on germplasm evaluation and preservation of genetic diversity. The Board on Agriculture (BOA) Report is the result of a multi-year, exhaustive study of the NPGS to see if additional changes might be required.

There are no recommendations in the BOA Report for substantive changes in NPGS programs nor does it identify any specific deficiencies in existing programs. Instead, the report states (Preface vii), ". . . the national system has become a loose association of sites and organizations that, at times, has diversity of goals and lacks coordinated leadership. It must now become a distinct, centrally managed, and nationally coordinated unit of the U.S. Department of Agriculture." Thus, the BOA makes an unsupportable assumption and then suggests organizational changes to correct undocumented deficiencies. For some reason, no credit is given to ARS for major improvements in germplasm programs over the last 8 years since the last GAO report. Most of the comments and recommendations relate to internal structure or management of ARS germplasm programs or needs for expanded programs should additional resources become available.

The recommendation that the NPGS be removed from ARS to become a separate entity in the USDA's Office of Science and Education would not be cost-effective and would unnecessarily separate germplasm research and related germplasm activities from ARS programs relating to germplasm enhancement, plant genetics, plant genome research, and a large number of plant breeding programs. At the present time, these germplasm and plant breeding programs are closely interwoven in ARS, as they are in State Agricultural Experiment

Stations. There are distinct benefits in leaving NPGS program leadership within the existing ARS organizational structure. The internal management of ARS germplasm programs, such as classification, promotion, and training of scientists, should be the prerogative of ARS administrators. The same is true for the internal organization of ARS programs and line and staff relationships. The National Program Staff should have an active role in the direction and coordination of ARS germplasm programs, as it does with other ARS programs.

The report recommends that a National Leader or Director be appointed that would have authority over program direction and the distribution of funds now provided by ARS and by CSRS through the Hatch Act, and even suggests State Experiment Station money be somehow directed by the National Leader. Anyone familiar with the USDA organizational structure and the public laws under which funds are spent, should know the futility of such a suggestion. Hatch Act monies are provided to States under a formula system and spent by States within very broad guidelines. Any attempt to further direct these funds and State appropriated funds would be met with strong opposition.

The reason the NPGS works so well is because of a recognition on the part of all participants as to the importance of the program. It will continue to be supported on that basis and not by a centrally managed mandate.

Page 5 of the report contains many errors relating to ARS leadership functions. Contrary to what is written, the National Program Leader does have major authority over budget allocations and program direction. Implementation of programs are the responsibility of Area Directors and Research Leaders, but with oversight provided by the Germplasm Program Leader. The Program Leader can ensure the implementation of programs conceived as part of planning responsibilities. The description of the role of the Germplasm Matrix team, the Deputy Administrator of ARS, the Administrator, and the relevant Area Directors is not accurate. The report identifies program problems and makes recommendations to overcome them. It assumes, however, that the recognized problems are directly related to how the program is managed. These two issues should clearly be separated.

There are many recommendations in the report relating to an increase or expansion of existing germplasm activities of the NPGS that would require additional resources. These recommendations are not inconsistent with ARS views. These include recommendations for providing funds for the Crop Advisory Committees, appointment of additional curators, preservation of germplasm of additional genetic stock collections, increase in seed regeneration schedules, additional training for NPGS personnel, strengthening of GRIN, additional use of overseas or isolated offshore quarantine facilities, and the possible use of in-situ preservation methods. Some of these recommendations could be considered for implementation if additional resources were available. These needs should not be considered as criticism of ARS management of the NPGS.

There also are recommendations to have components of the NPGS become more involved in international germplasm activities. Again, these should not be criticisms of NPGS management as ARS and the USDA have become increasingly involved in international programs relating to plant germplasm. For instance, the U.S. has recently joined the Commission on Plant Genetic Resources of the Food and Agriculture Organization of the United Nations. This recommendation is made by the BOA as an action we should take. A simple call to the Department by the Board would have told them the Department had already taken that step.

There are several apparent inconsistencies in the report. There is one recommendation that the National Plant Germplasm Committee be disbanded. This is the principal committee of the NPGS with major representation from State Agricultural Experiment Stations. Yet, there is another recommendation that the Federal and State partnership for managing plant germplasm should be reinforced. There are statements that there are too many advisory components to the NPGS, yet there is a recommendation to establish a research advisory committee to access and guide NPGS research activities.

Specific program deficiencies are not identified in the report and many recommendations are consistent with ARS views on how NPGS programs might be expanded with additional resources. However, the Department will give serious consideration to how these suggestions might be implemented. Changes on possible internal organization and management of ARS germplasm programs will be studied and revised as appropriate.

APPENDIX E

Dr. Plowman has accepted the recommendations of the Selection Panel for the Scientist of the Year Award winners. The winners for 1990 are:

Distinguished ARS Research Scientist

Dr. Norman F. Cheville
Research Leader
National Animal Disease Center
Ames, Iowa

Outstanding ARS Research Scientists

Dr. Wayne W. Hanna
Research Geneticist
Forage and Turf Research Unit
Tifton, Georgia

Dr. Thomas J. Henneberry
Research Entomologist
Western Cotton Research Laboratory
Phoenix, Arizona

Dr. G. Mark Holman
Research Entomologist
Veterinary Toxicology and Entomology
Research Laboratory
College Station, Texas

ARS Outstanding Early Career Scientist

Dr. Sally A. Leong
Research Chemist
Plant Disease Resistance Research Unit
Madison, Wisconsin

The following scientists will be recognized as Area Research Scientists:

- Beltsville Area - Dr. Jitender Prakash Dubey
Microbiologist
Zoonotic Diseases Laboratory
Beltsville, Maryland
- Mid South Area - Dr. Stephen O. Duke
Director, Southern Weed Science Laboratory
Stoneville, Mississippi
- Northern Plains Area - Dr. James Francis Power
Research Leader
Soil and Water Conservation Research Unit
Lincoln, Nebraska
- North Atlantic Area - Dr. George A. Somkuti
Research Chemist
Eastern Regional Research Center
Wyndmoor, Pennsylvania

The following scientists will be recognized as Area Early Career Research Scientists:

- South Atlantic Area - Dr. C. Richard Barb
Research Physiologist (Animal)
R. B. Russell Research Center
Athens, Georgia
- Mid South Area - Dr. Thomas E. Cleveland
Research Leader
Southern Regional Research Center
New Orleans, Louisiana
- Northern Plains Area - Dr. Thomas S. Cox
Research Geneticist (Plants)
Plant Science and Entomology Research
Manhattan, Kansas
- Pacific West Area - Dr. David A. Grantz
Plant Physiologist
Sugarcane Physiology Unit
Aiea, Hawaii

North Atlantic Area - Dr. Leon V. Kochian
Plant Physiologist
U.S. Plant, Soil and Nutrition Laboratory
Ithaca, New York

Beltsville Area - Dr. Nancy Miller-Ihli
Research Chemist
Nutrient Composition Laboratory
Beltsville, Maryland

Southern Plains Area - Dr. Norma L. Trolinder
Plant Physiologist
Cropping Systems Research Laboratory
Lubbock, Texas

Dr. Plowman has notified the top five winners: Drs. Cheville, Hanna, Henneberry, Holman, and Leong. The remaining Area winners should be notified immediately by the respective Area Directors. All 16 of these scientists will come to Washington to receive their awards.

I will send you details regarding the ceremony and other events shortly. Call me on FTS-344-0164 or COMM 301-344-0164 if you need additional information.

APPENDIX F

Farm Bill Highlights

Authorizations

The law reauthorizes agricultural research and extension programs for five years. This would include authorizations for Hatch, and several other CSRS, Extension Service and Agricultural Research Service programs.

National Research Initiative (NRI)

The law includes language to implement the National Research Initiative and authorizes funding starting with \$150 million in FY 91 and increasing incrementally to \$500 million in FY 95. Important to note here is the fact that the second level of review included in the earliest versions of the Farm Bill has been dropped. A revised set of purposes was included in the final bill, very much revised from earlier versions which regulate research programs based on outcomes expected. This had a very distinct "social engineering" flavor as the expected outcomes were clearly delineated. The FY 91 Appropriation Bill provides \$73 million for the NRI.

Sustainable Agriculture

Authority for sustainable agriculture research and extension programs is expanded. The law authorizes \$40 million annually for low-input research programs very much like our current program, \$20 million annually for

Integrated Management Systems research, and \$20 million annually for a National Training Program for Cooperative Extension Service agents and other professionals involved in education and information transfer. Of course funding for low-input programs is included in the 91 Appropriations Bill.

Alternative Agricultural Research and Commercialization

A new Applied Agricultural Research and Commercialization Center is established to provide assistance for research, development and commercialization of new non-food, non-feed products from agricultural commodities. The center is given authority to make grants, loans, interest subsidy payments and use other mechanisms to support research and commercialization. Oversight of the programs would be the responsibility of a Board appointed by the Secretary. The Board is required to establish between two and six regional centers to assist in carrying out the provisions when at least \$5 million have been appropriated. Regional centers are to be selected on a competitive basis. a revolving fund is established. Funds are to be made available without fiscal year limitation. Funding for this was not included in the FY 91 Appropriations Bill, however discussions are underway concerning implementation in the absence of appropriations via interest subsidy payments or other mechanisms.

Environmental Quality

A new Office of Environmental Quality is established within USDA to help evaluate the effects of agriculture programs on the environment and to coordinate and monitor efforts to improve environmental quality. Authorizes creation of a USDA Council on Environmental Quality, consisting of the Secretary, the Deputy Secretary, the Assistant Secretary for Natural Resources and Environment, Dr. Charles E. Hess, Assistant Secretary for Science and Education, and other under and assistant secretaries as appropriate. Many earlier provisions creating new office i.e., Office of water quality etc., have been eliminated in favor of this framework for program coordination. In addition there is a provision in the FY 1991 Appropriations language which prohibits establishment of new offices, organizations etc., unless funds are specifically appropriated. So implementation remains unclear at this time.

Grant Programs For 1890 Land-Grant Colleges, including Tuskegee University

The 1890 Land-Grant Institutions are a part of new authorities designed to improve research, extension and teaching programs in the food and agricultural sciences on their campuses.

Also provided in this Farm Bill is authority to make competitive grants for five national research and training centennial centers with the location to be designated by the Secretary. The areas of responsibilities for the centers are identified in the language of 1612.

National Genetic Resources Program

A new authority in the bill would require the Secretary to provide for a National Genetic Resources Program. Specific language requires the administration of the program to be in the Agricultural Research Service. We anticipate our immediate involvement in the appointment of a Director and in identifying individuals to serve on the Advisory Council established by the law. Since the non-Federal members are not specifically identified other than the relevant scientific disciplines and leaders in the fields of Public Policy etc.

Biotechnology Risk Assessment

This provision authorizes a new grant program within CSRS and ARS to provide funding for environmental assessment research concerning the introduction of genetically engineered organisms into the environment. The authorization is in two parts:

- 1) Authorizes to be appropriated such sums as necessary; and
- 2) Directs the Secretary to withhold from outlays of the Department for research on biotechnology at least one percent for the purpose of making grants under this section. There is some discussion underway with the General Counsel's office concerning the implementation of this program. At this point, we believe that these grants will be managed by the Office of Agricultural biotechnology in coordination with the Agricultural

Biotechnology Research Advisory Committee.

Research Regarding The Production, Preparation, Processing, Handling, and Storage of Agricultural Products.

This provision authorizes a research program to improve food safety. This would be done through a competitive grants program administered by a Public Advisory Committee responsible for setting priorities and evaluating proposals for grants. Because of provisions in this Subtitle requiring what is in essence a second level of review on grants and publication of proposed priorities for public comment, we do not anticipate requesting funding pursuant to this Subtitle.

Joint Council/UAB

Authorities for the Joint Council and the Users Advisory Board (UAB) have been extended to 1995 with some modifications in the responsibilities and the memberships of the Joint Council as well as some changes in the composition of the UAB. On the surface, it appears that Joint Council likely will lose about half of the land-grant representation currently serving. However, the secretary has authority to appoint others to the Joint Council who have the potential to contribute their discussions. In addition, a new Agricultural Science and Technology Review Board is established through the Joint Council to assess the extent to which on-going programs foster desired outcomes including many of the traditional purposes and goals undergirding research and

extension programs and some new ones. A Technology Assessment report is due by December 31 of each year which contains recommendations on how research would be best directed to advance the purposes identified in the act. This Board is being visualized as a futurist oriented look at agricultural research.

Facilities Commission

A study commission is authorized to review existing and planned research facilities and identify facilities which might be closed or consolidated. Of the 14 members of the commission, 12 would be appointed by Congress and the remaining two by the Secretary.

Finally a provision of the Act entitled "Scarce Federal Resources" authorizes the Secretary to rank by priority the studies or reports called for in the legislation and determine the number of reports and studies which will be completed. The Secretary is required to complete at least 12 studies or reports authorized in the Act.

We anticipate that the Farm Bill will be signed at any time, if it hasn't already. Many implementation issues remain to be resolved.

APPENDIX G

DAL REPORT

**Western Association of Agricultural Experiment Station Directors
Hyatt Regency Hotel, Kansas City, Missouri
November 11, 1990**

L. L. Boyd

This report covers the time period from the 1990 Summer meeting in Newport, Oregon through last week. I participated on your behalf in the following activities that required travel during this period.

7/31-8/2 ESCOP (with ECOP), Hershey, PA
8/2 pm Roddale field trip
8/3 DAL meeting, 8:00 am - 3:00 pm, Hershey, PA
8/5-8 UAB/Joint Council meeting, southwest Minnesota
8/10 FY1993 NASULGC Division of Agriculture Budget Committee, Washington, DC
8/22 DAL meeting (am) including with Charley Hess, Washington, DC
8/22-23 ESCOP Research Planning Subcommittee, Washington, DC
8/23 (pm) Committee of Nine Subcommittee on Planning, Washington, DC
8/24 (am) DAL meeting, Administration Building, Washington, DC
8/27 State visit to Nevada, Reno
9/7-8 Utah State Land Grant Days
9/9-11 Nat Ext Serv Mtg for Comm, Info and Tech Leaders-LG systems, Phoenix
9/15 Wyoming New Stock Farm dedication, Laramie
9/20-21 ESCOP Special Initiatives, Oakland, California
9/26 DAL meeting, 8:30 am - 5:00 pm, Atlanta
9/27-28 ESCOP Interim, Atlanta
10/4-5 ESCOP FY1993 Budget Group with CSRS, Washington, DC
10/15-16 WHERA, Denver
10/17-18 ARI Meeting, Holiday Inn Capitol, Washington, DC
10/24 ESCOP Research Planning Group, evening, Washington, DC
10/25 NARC, Washington, DC
10/26 DAL meeting, Washington, DC
10/29-11/2 IR-7 meeting, San Antonio, TX
11/8-10 UAB meeting in Atlanta and Athens, Georgia

DAL Meetings: The DALs try to meet at least monthly to coordinate our efforts. We try to do these in conjunction with other meetings to minimize travel costs. We held five meetings during this period covering a variety of subjects many of which will be mentioned elsewhere in the report. You are aware that Jim Halpin is retiring and that Neville Clarke will become the Southern DAL effective January 1, 1991. We clearly will miss Jim and his vigor. We look forward to working with Neville, because he brings much experience and a high level of intensity to the position. The DALs almost always meet with Pat Jordan and/or Clare Harris, and frequently with Charley Hess, Dean Plowman/Bill Tallent and the NASULGC staff. Each time I am in Washington, DC I plan to touch base with Terry Nipp relative to the water program activities and Marshall Tarkington about UAB plans. I also try to find time to visit with various CSRS faculty and staff in the Aerospace building with major attention to Betty Lou Gilliland and her budget staff and to John Naegele and his RRF office staff. John asked the DALs to help with the assessment of the requests for CSRS reviews. Our input was used along with that of the CSRS faculty. It is desirable to know what the troops are thinking about different issues. We also plan some continuing interactions with the Congressional Fellows and selected others.

State Visits: I made three state visits two of which were in conjunction with other planned activities. The visit to Nevada was planned primarily to bring me up-to-date on organizational changes there. The approach is somewhat different from the usual, but seems to be working well. Bernard Jones and Ron Pardini handled things well in giving faculty a great deal of input into the change process and support afterwards to aid transitions. Utah had another excellent Land Grant Days program, this year focusing on Food Safety. If you have not seen the issue of Utah Science that was prepared in conjunction with it, I

suggest you ask Paul to send you a copy. Wyoming dedication of the new Livestock Farm went well. They also honored some of their outstanding supporters. The facility is just excellent. As I walked through some of it, I had a great urge to get back into livestock housing, management and equipment research. It would be a great place to do it.

Electronic Communications: I have been heavily involved with the electronic communication activities since early this year with the report to the April meeting of ESCOP in Hawaii and the formation of the Ad Hoc Task Force. This included developing the survey and analyzing the information that came including "harassing" people to get data from all. I reported jointly in Hershey with Kevin Gamble and Janet Poley of ES. I have met and communicated frequently with Gamble including an agreement about group names that would be comparable for both Extension and Experiment Stations. I participated in the Extension meeting for Information and Technology Leaders in Land Grant systems. I was invited to participate in Extension's FACT (Future Applications of Computers and Technology) activities, but direct schedule conflicts have precluded it. ES has provided me with an account number on its system in Washington, DC. This will be a tremendous help for sending and receiving message from there. With this connection I can log on directly to the CSU computer. I developed the report for the Task Force including the SAES Directory and the verification of the addresses. I also have been pushing CSRS hard to get ready to move to and use the Nsfnet system. CSRS seems very interested now. I will be making some further proposals based upon information obtained last week from Janet Poley of ES about its plans for its unit in the Aerospace building.

ESCOP/ECOP and ESCOP: One of the topics at the ESCOP/ECOP joint session in Hershey, PA was about possible joint efforts on water quality programs. Chuck Krueger was anxious to be able to implement joint plans made some time ago by Northeast Extension and Research Directors. It had not been possible, because Federal Extension had insisted upon allocating the Extension water quality funds equally to each state. Administrator Johnsrud made it quite clear that obligations they had to the SCS agreement took precedence and until the amount appropriated was large enough to provide at least \$60,000 per state he had little interest in joint programming. He did qualify it during questioning to say "unless the Directors indicated otherwise." No Extension Director indicated a willingness to oppose his previous position. My communications report to the group was covered above. I gave an updated report on communications at the Interim meeting in Atlanta. ~~Jim Brown and~~ Dave Schlegel ~~was~~ in Hershey and ~~Dave was~~ in Atlanta. They also will be reporting on those meetings. I think all of you are aware that Dave is the Chair-Elect of ESCOP.

UAB/Joint Council, Marshall, MN: The Joint Council and the UAB were hosted in early August by Southwest State University at Marshall and the Minnesota Cooperative Extension Service. President Treadway of Southwest State is a member of the Joint Council. The theme of the meeting was rural revitalization. The agenda included a visit to a new small business in Redwood Falls, which built equipment for handicapped people. It was owned and run by handicapped people who, of course, really understood the needs. The group also heard presentations small business owners, a physician and officials of a small town about their efforts to remain a viable community. University of Minnesota Cooperative Extension and Southwest State officials explained their efforts to assist in rural development.

ESCOP Special Initiatives/ESCOP Planning Group/NARC: Gary Lee will report on the Special Initiatives meeting. These activities feed into the other two. The DALs were involved in the summary and analysis of the Director's rankings of the thirty one (31) research initiatives and in making minor changes in the statements to take to NARC. Only two states submitted an emerging issues for consideration. The DALs also drew the assignment of selecting and aggregating the accomplishments submissions. We think we did a reasonably good job and hope that the Joint Council staff will utilize a larger number of people in the writing.

ESCOP/Division Budget Activities: I presented the FY92 ESCOP budget proposal to the ESCOP meeting in Hershey and participated in the FY92 Division Budget Committee meeting in the interaction with USDA. The USDA sessions were with Science and Education (Charley Hess, Pat Jordan, et al) and with the Department Budget Office (Steve Dewhurst). I keep in close contact with ESCOP FY92 Budget Chair, Vic Lechtenberg. When I learned of a high level of interest in renewable energy research in USDA and

DOE following the Iraqi invasion of Kuwait, I passes this information along to Vic and Division Chair Roger Mitchell for consideration in preparing for the February response to the Executive FY92 budget. The potential decisions by the FY92 committee influences what the FY93 committee may choose to do. The FY93 ESCOP Budget Group held its initial meeting October 4-5. In addition to the usual sessions with CSRS faculty, we invited Extension FY93 Chair, Rachael Tomkins, and an ARS representative to meet with us to learn about what we had in mind and to suggest ways we could link our requests. Bob Crom for Extension and Bill Tallent for ARS. I believe it was quite useful to have them there. I have continued to follow up with both Extension and ARS. Chairman Bob Merrifield wrote to John Bryne, Chair of the Provisional Division, to inquire of its interest in having a liaison person with us. Because the provisional division is on hold, he declined. Merrifield and I have discussed ways to link with the Forest Service beyond our NAPFSC input as well as with EPA. We have not yet pursued this, but will discuss it with group at our meeting in Kansas City. The DALs also have discussions on budget linkages with Dean Plowman and Bill Tallent.

Committee of Nine: Most, if not all, of you are aware that I volunteered to develop more information on the proposed NRSP to include at least the four plant introduction programs, W-6, NC-7, S-9 and NE-9. C-9 accepted. We have data from CRIS for the last 10 years about the expenditures on these projects plus IR-1 and IR-2. I have asked the Administrative Advisors and the ARS Program Coordinators for information about current interactions and joint planning. Henry Shands has provided considerable input about how things are handled currently within ARS and ideas that he has for improvements. There is some strong feeling for including all of the clonal repositories. My initial reaction is that this would be too global. Logical grouping of manageable size with linkages between groups seems to me to be a better approach. I plan to give a preliminary report to the Committee of Nine at its December meeting in Tucson, if they want it.

IR-7/NADP-NTN: I participated as the interim Administrative Advisor for the West in the meeting in San Antonio. It was an exciting meeting for me, because I was involved in the early formation of an NC project that led to IR-7. This is an excellent example of how the SAES/CSRS system can provide the impetus for USDA, EPA, USGS, NOAA and other groups to work together very effectively. The symposium held in conjunction with the Committee meeting offered some excellent papers. I will send you a copy of the program and suggest papers you may wish to get. If you had participants at the San Antonio meeting, and they haven't talked with you about it, I suggest you ask them for a report. I am convinced that the Coordination Office at CSU is doing an excellent job. We may want to have Jim Gibson come to Santa Fe next summer and give us an update. I also will review the program from the San Antonio symposium for possible presentations.

In closing let me once more tell you that I continue to enjoy representing you. I believe I am doing a good job. However, I still need broader feedback about whether or not you you want to me to drop some things and pick up others.

Respectfully submitted



APPENDIX H

ESCOP Ad Hoc Task Force on Electronic Communications Report
Prepared for the Regional Association Meetings
NASULGC Meeting, Kansas City, Missouri
November 11, 1990

The ad hoc task force was established following a report to the 1990 spring ESCOP meeting in Hawaii. The report discussed the Extension Service's decision to discontinue the use of the Dialcom system, its interim plans and its long term plans for electronic communications other than telephone and fax. Extension's long term plans were sufficiently developed that it knew it was going to use the Nsfnet system. Because Extension had invested considerable effort in analysis before making its decision, the obvious solution for the SAES system also was to use the Nsfnet system. Extension and research needed to use the same system, or at a minimum have easily accessible gateways between each's system. However few, if any, in the SAES system had much knowledge of the Nsfnet system, the overall status of campus network systems and their use by SAES administrators. The task force seemed the best approach to develop the needed information.

The task force quickly developed and distributed a survey instrument. The primary purpose was to learn the status of campus network systems including current use and plans. The survey also asked for information about the use of Dialcom, its strengths and weakness, and the extent of it's use by traveling administrators. This was to provide information about expectations. Because of the potential of structured (binary) file transfer using Nsfnet, information was requested about software being used. The task force appreciates the rapid response from most the SAES directors and the eventual response from all, as well as from seven of the 1890 institutions. The task force will continue to follow up with the 1890 institutions. Preliminary contact also has been made with NAPFSC, Deans of the Colleges of Veterinary Medicine and the Deans of the Colleges of Home Economics. Kevin Gamble, who developed much of the information for Extension, has suggested the possibility of using one of the commercial networks as an interim solution for any institution not having a campus network yet developed. The cost for one of these is \$10 per month flat rate plus connect charges for use, such as we had for Dialcom. This also appears feasible for use by the Virgin Islands, Guam, American Samoa, Micronesia and the Northern Marianas.

Preliminary results of the task force survey were made available to late summer and early fall meetings of the regional associations and the ESCOP/ECOP joint meeting in early August in Hershey, Pennsylvania. A more complete report was made to the ESCOP Interim meeting in Atlanta, Georgia in late September. The recommendation was made that the SAES system use the Nsfnet system and that it be as fully operational as possible by January, 1991. The task force with your cooperation has obtained at least one Nsfnet/Bitnet address from nearly every experiment station. Most of those that do not yet have operational networks on their campus indicate they will provide an address as soon as they have one. The task force is in the process of verifying every address for a Directory. This is necessary because several people have supplied incomplete addresses (They didn't realize it and the task force request wasn't sufficiently explicit.); these addresses will function on the campus networks, but do not provide all the necessary nodes

required for national use. The initial Directory includes all addresses we have, and also indicates those that have been verified at this time. When virtually all have been verified, "group names" will be developed and placed on the system. Group names, also known as "aliases" are essential for efficient multiple address transmissions, because Nsfnet and Bitnet addresses are so lengthy compared to Dialcom addresses. Group names can be put on by anyone at the local level. Those used system wide, i.e., regionally and nationally, must be entered by approved systems representatives. As we move forward with Nsfnet, please report errors and omissions promptly to Lannie Boyd and Ted Bauer for the SAES system and CSRS. Report extension discrepancies/problems to your local extension computer specialist and/or Janet Poley, ES in Washington, DC. The attached directories and list of Extension computer coordinators are preliminary, but should prove useful. Later we expect to produce a combined directory in addition to the individual ones for research and extension. These later directories can be expected to include the system wide group names.

In addition to the interaction with the experiment stations and the 1890 institutions, extensive discussions have been held with Extension Service representatives. Extension plans the development of a comprehensive menu system, so people can access what they wish and not be burdened with unwanted material that appears on a "bulletin board" system. Extension plans for "news" and several data bases as well as electronic mail. The task force also has held discussions with CSRS and ARS personnel. The FTS2000 (federal) system is progressing and will have gateways to the Nsfnet system. ARS has over 60 of its 140 locations functioning on the forerunner to FTS2000 at this time and expects to have all connected by sometime in 1991. ARS is very interested in using the Nsfnet system to communicate with Universities. ARS's Beltsville Agricultural Research Center (BARC) already has a connection to Nsfnet through the University of Maryland. CRIS also uses this for handling CRIS information and electronic mail about it. CSRS can connect via modems to the Extension RISC 6000 system Nsfnet node located in the South Building in Washington, DC. The Extension Service has a hard wired network in the South Building and the Administration building, so CSRS Administrator's office can connect via hard wire also. In addition, ES has a unit in the Aerospace building and plans a hard wired network there also. This gives CSRS the opportunity to install a hard wired network there also. CSRS will be analyzing its alternatives including FTS2000. It is expected that the Experiment Station letter will be available on Nsfnet beginning in January, 1991. The "Letter/Pink Sheet" probably will continue to be placed on Dialcom through September, 1991.

You can expect Dialcom to be largely phased out by the SAES system by September, 1991, although some who travel extensively likely will need to use it or another commercial service with gateways to Nsfnet. The task force advice to experiment stations still on Dialcom is to remain on until each is fully functional with Nsfnet. Dialcom was and is a superb service at a reasonable cost, if not used for file storage. It also has the advantage of being able to monitor the status of a message, i.e., has it been received? At present Nsfnet does not provide this. There is a response command, but it appears to require operator action. The

Dialcom response was automatic by the system. Further, Nsfnet holds the messages only for a limited time and then drops them off the system. The amount of time varies with the local networks, but usually is at least three (3) days to cover a weekend, but often not more than five (5) to limit the load on the system. Thus, unless you request and receive an acknowledgement, you do not know if the addressee received the message. If the addressee does not read the message within the local time limit even if the address is correct, you will receive an "undeliverable" message. As a result you can have 3-5 days or more lost time. This emphasizes the importance of at least daily reading. Dialcom is accessible with only a local telephone call through either Telenet or Tymnet from many U. S. cities and many foreign countries. Nsfnet also provides international communications opportunities. The task force has not yet found time to obtain this information, but plans to provide it later.

The task force believes the SAES system has made excellent progress in a short time and that Nsfnet will be a real asset to us. It is important that everyone read the mail at least daily, if the system is to be fully effective. We encourage you to not only read it, but to send messages as well. You may find it useful to develop a Station letterhead that you can import into each message you send. This will make your message more suitable for filing by the addressee. If your Station is one of those shown as not yet verified, please try to send a message via Nsfnet to Lannie Boyd, so that we can verify all quite soon. The task force solicits your comments and suggestions about how to most effectively use the system. Address your comments and suggestions to any member of the task force. The members are the four DALs, Ted Bauer of CRIS and Brian Chabot of Cornell. The task force is extremely grateful to the Extension Service for their assistance, particularly Kevin Gamble, Janet Poley, Eldon Fredericks and Tom Tate. We also very much appreciate ES Administrator Mryon Johnsrud's willingness to let them work with us and to share the system with the SAESs.

ESCOPTk.F.RPT

NSFNET DIRECTORY
State Agricultural Experiment Stations

Name	State	Rg	Func	NSFNET/INTERNET Address#
North Central Region				
Toepel, David	IA	nc	dean	Plans to have
*Holt, Don	IL	nc	saes	axxiaes@uicvmc.bitnet
*Baumgardt, Billy B.	IN	nc	saes	bill_baumgardt@acn.purdue.edu
*Lechtenberg, V. L.	IN	nc	dean	vic=lechtenberg%dean%ag@admin.agad.purdue.edu
*Feltner, Kurt C.	KS	nc	dal	kfeltner@ksuvm.bitnet
*Ham, George E.	KS	nc	ses	geham@ksuvm.bitnet
*Woods, Walter	KS	nc	dean	wrwoods@ksuvm.bitnet
*Gast, Robert G.	MI	nc	saes	aesdir@ibm.cl.msu.edu
Allen, C. Eugene	MN	nc	vpres	xabd@vmi.spcs.umn.edu
Mitchell, Roger	MO	nc	dean	agdn0731@umcvmb.missouri.edu
Lund, H. Roald	ND	nc	dean	nu039386@ndsuvvm1.bitnet CHECK
Nelson, Darrell	NE	nc	saes	agrr001 @ unlvvm.bitnet@cunyvm.cuny.edu
*Kerr, Kirklyn	OH	nc	saes	kerr%00%oardc@gate.us.ohio-state.edu
Moore, Ray	SD	nc	saes	es00@sdsuumus.bitnet
Walsh, Leo	WI	nc	dean	leo.walsh@mail.admin.wisc.edu
Northeast Region				
Knox, Kirvin L.	CT-S	ne	dean	cagadm01@uconnvm.bitnet
Anderson, John	CT-NH	ne	saes	frink@yalemv.bitnet
Frink, C. R.	CT-NH	ne	saes	frink@yalemv.bitnet
Crossan, Don	DE	ne	dean	donald.crossan@udel.edu
Helegesen, Robert G.	MA	ne	saes	jbacon@umass.bitnet
*Kennedy, Robert A.	MD	ne	saes	rk39@umail.umd.edu
*Dunham, Wallace	ME	ne	vpres	maes1@maine.maine.edu
*Stewart, James H.	NH	ne	saes	j_stewart@unhh.bitnet
*Wyse, Roger	NJ	ne	saes	wyse@daemon.rutgers.edu
Chabot, Brian	NY-C	ne	saes	bfc@cornella.bitnet
*Hunter, James	NY-G	ne	saes	g18@nysaes.cornell.edu
Hood, Lamartine F.	PA	ne	dean	agdean@psupen.psu.edu
*Krueger, Charles R.	PA	ne	saes	research@psupen.psu.edu
*Miller, Robert	RI	ne	saes	gwz101@uriacc.uri.edu
McLean, Donald L.	VT	ne	dean	ag-business@uvmvax.bitnet
Maxwell, Robert	WV	ne	dean	u0632@wvnmv.wvnet.edu
*Zinn, Dale W.	WV	ne	dal	u15c3@wvnmv.wvnet.edu
Southern Region				
Frobish, Lowell T.	AL	s	saes	auaaes@auducvax.bitnet
*Musick, Gerald J. (Arkansas SAES)	AR	s	saes	xs25055@uafsysb.uark.edu gm24938@uafsysa.uark.edu
*Davidson, James M.	FL	s	saes	research@gnv.ifas.ufl.edu
*Arkin, Gerald F.	GA	s	saes	dir-grf@griffin.bitnet
Buchanan, Gale	GA	s	saes	dir-tif@tifon.bitnet
Donoho, Jr., Clive W.	GA	s	saes	ag-resch@uga.bitnet CHECK
Little, C. Oran	KY	s	dean	olittle@ca.uky.edu
Tipton, Ken	LA	s	vpres	xpkenn@lsuvm.sncc.lsu.edu
*Hurt, Verner G.	MS	s	saes	mafesdir@ra.msstate.edu
*Kuhr, Ronald J.	NC	s	saes	nncars@ncsumvs.bitnet
*Browning, Charles	OK	s	dean	okdivag@osucc.bitnet
Richardson, D. O.	TN	s	seas	pb116318@utkvm1.bitnet
*Clarke, Neville P.	TX	s	dal	k096sc@tamvm1.bitnet
Rodriguez, Jorge L.	PR	s	saes	j-garcia@rumac.upr.cun.edu
Fisher, James R.	SC	s	saes	jfschr@clust1.clemson.edu
Padda, Darshan	VI	s	saes	None

Name	State	Rg	Func	NSFNET/INTERNET Address#
Western Region				
Drew, James V.	AK	w	dean	None
Kaltenbach, Colin	AZ	w	saes	kltnbch@rvax.ccit.arizona.edu
*Farrell, Kenneth R.	CA-S	w	vpres	danrtrw%uccvma.bitnet@cunyvm.cuny.edu
*Gardner, Wilford R.	CA	w	dean	cnr@nature.berkeley.edu
Kinsella, John	CA-D	w	dean	___@ucagdean1.ucdavis.edu
*Schlegel, David E.	CA-S	w	saes	danrdx%uccvma.bitnet@cunyvm.cuny.edu
Van Gundy, Seymour	CA	w	dean	vangundy@ucrvms.bitnet
*McHugh, Helen F.	CO	w	saes	expstat@csugold.colostate.edu
*Niehaus, Merle H.	CO	w	dean	mniehaus@csupwb.ucc.colostate.edu
*Boyd, Landis L.	CO	w	dal	wdal@lamar.colostate.edu
Lee, Chin T.	GU	w	saes	via Portal
Nishmoto, Roy	HI	w	saes	to15260@uhccmvs.uhcc.hawaii.edu
Lee, Gary A.	ID	w	saes	agres@idui1.csrvidaho.edu
Mathre, Don	MT	w	saes	aaxjj@mtsunix1.bitnet CHECK
Briggs, Dinus M.	NM	w	saes	agexp001@nmsuvm1.bitnet
Cunningham, Gary	NM	w	saes	garyc@nmsu.edu
*Jones, Bernard M.	NV	w	dean	agadmin@unssun.nevada.edu
*Dutson, Thane	OR	w	saes	dutsont@aes.orst.edu
*Rasmussen, H. Paul	UT	w	saes	aes@cc.usu.edu
Zuiches, James J.	WA	w	saes	dirarc@wsuvm1.bitnet
*Heil, Robert D.	WY	w	dean	aes@uwyo.bitnet
1890 Institutions				
Shuford, James W.	AL	90	res	
Hill, Walter A.	AL	90		
Price, M.	AR	90		
Washington, Jr., U.S.	DE	90		
Pancholy, S. K.	FL	90	res	Plans for 1991
Magee, Charles	GA	90		
Benson, H. R.	KY	90		
Phills, Bobby R.	LA	90		
Neufville, Morton H.	MD	90		
Jones, Rufus	MO	90		
Donald, S. L.	MS	90		
Webb, B. C.	NC	90		
Simpson, Ocleris	OK	90		
Chavous, L. G.	SC	90		
Wakefield, Troy	TN	90		
Reine, Alden	TX	90		
USDA and Other				
*Bauer, Ted	DC	gv	cris	tbauer@umdars.umd.edu
CRIS	MD	gv	cris	cris@umdars.umd.edu
Calvert, Pat ES	DC	gv	usda	pcalvert@esusda.gov
*Fredericks, Eldon	IN	gv	usda	freder@ecn.purdue.edu
*Gamble, Kevin	OR	gv	usda	kgamble@cas.orst.edu
*Head, George M.	CA-S	w	saes	danrgmh%uccvma.bitnet@cunyvm.cuny.edu
*Poley, Janet ES	DC	gv	usda	jpoley@es-cit.esusda.gov
*Tate, Tom	DC	gv	usda	ttate@hermes.esusda.gov

Some addresses are BITNET, because the individual/state does not yet have a NSFNET/INTERNET address.

* These addresses are validated. This was done by sending a message to them and receiving a response back.

ELECTRONIC MAIL DIRECTORY - STATE EXTENSION SERVICE DIRECTORS-10/29/90

State	Region	Director/Administrator	Internet/Bitnet Address
AK	W	Irvin Skelton	FFIWS@ACAD3.FAI.ALASKA.EDU
AL	S	Ann E. Thompson	ATHOMPSON@ACENET.AUBURN.EDU
		J.I. Dawson, A&M	
		W.A. Hill, Tuskegee	
AR	S	Ted L. Jones	TJONES@UAFSYSA.UARK.EDU
AZ	W	James A. Christenson	CHRSTNSN@RVAX,CCIT.ARIZONA.EDU CA
CA	W	Kenneth Fanell	DANRTRW@VCCVMA.UCOP.EDU
CO	W	Milan A. Rewerts	ASTDIRAG@SHEP.AGSCI.COLOSTATE.EDU
CT	E	Kirvin L. Knox	CAGADMO1@UCONNVM.BITNET
DC	E	T.K. Page	
DE	E	Richard E. Fowler	MARTY@BRAHMS.UDEL.EDU
		U. Washington, Dover	
FL	S	John Woeste	WOESTE@GNV.IFAS.UFL.EDU
GA	S	C. Wayne Jordan	E-DIR-AT@UGA.BITNET
		F. Harrison, Ft. Valley	
HI	W	Roy Nishimoto	TO15260@UHCCMVS.UHCC.HAWAII.EDU
IA	C	Robert Anderson	VPFOREXT@EXNET.IASTATE.EDU
ID	W	LeRoy D. Luft	EXTDIR@IDUI1.BITNET
IL	C	Donald L. Uchtmann	UCHTMANN@VMD.CJO.VIVC.EDU
IN	C	H.A. Wadsworth	HENRY_WADSWORTH@ACN.PURDUE.EDU
KS	C	Walter Woods	WRWOODS@KSUVM.BITNET
KY	S	Walter J. Walla	WWALLA@KEATS.CA.UKY.EDU
		H. Benson, Frankfort	
LA	S	D.T. Loupe	MEVANS@GUMBO.AGE.LSU.EDU(forwarder)
		L. Williams, A&M	
MA	E	Robert G. Helgesen	JBACON@UMASS.BITNET
MD	E	Craig S. Oliver	CO3@UMAIL.UMD.EDU
		H. Brooks, Eastern Sh	
ME	E	Judith I. Bailey	BOWIE@MAINE.MAINE.EDU(forwarder)
MI	C	J. Ray Gillespie	21228LER@MSU.BITNET(forwarder)
MN	C	Patrick J. Borich	BORICH@VX.ACS.UMN.EDU
MO	C	Gail Imig	EXTWDM@UMCVMB.BITNET
		G. Enlow, Lincoln U	
MS	S	Hiram D. Palmertree	HDP1@MSSTATE.EDU
		Sam Donald, Alcorn	
MT	W	James R. Welsh	AAXJJ@MTSUNIX1.BITNET
NC	S	Bob Wells	RWELLS@NCAESNCR.NCSU.EDU
		D.D. Godfrey, A&T	
NS	C	William, H. Pietsch	ADMIN@NDSUEXT.NODAK.EDU
NE	C	Kenneth R. Bolen	COEX005@UNLVM.EDU
NH	E	Peter J. Horne	P-HORNE@UNHH.BITNET
NJ	E	J.L. Gerwig	FERMO@DAEMON.RUTGERS.EDU
NM	W	Robert Gilliland	RGILLILA@NMSUVM1.BITNET
NV	W	Bernard M. Jones	AGADMIN@UNSSUN.NEVADA.EDU
NY	E	Lucinda A. Noble	PA32@NYSAES.CORNELL.EDU
OH	C	Bobby D. Moser	MOSER@AGVAX2.AG.OHIO-STATE.EDU
OK	S	T. Roy Bogle	OKDIVAG@OSUCC.BITNET
		O. Simpson, Langston	RES1890@OSUCC.BITNET
OR	W	O.E. Smith	SMITHO@CCMAIL.ORST.EDU
PA	E	Lamartine F. Hood	AGDEAN@PSUPEN.PSU.EDU
PR	S	J. Rodriguez-Velez	J-GARCIA@RUMAC.UPR.CUN.EDU
RI	E	Robert H. Miller	GWZ101@URIACC.URI.EDU
SC	S	Byron K. Webb	BWEBB@CLUST1.CLEMSON.EDU
		L. Chavous, SC State	

State	Region	Director/Administrator	Internet/Bitnet Address
SD	C	Mylo A. Hellickson	AG03@SOSVMVF.BITNET
TN	S	Billy Hicks Alma Hobbs, Tenn St	PB134798@UTKVM1.BITNET
TX	S	Zerle L. Carpenter H. Carden, Pairie View	K069ZC@TAMVM1.BITNET
UT	W	R. Paul Larsen	EXTADMIN@CC.USU.EDU
VA	S	James F. Johnson Clint Turner, VA State	JOHNSON@VTVM1.CC.VT.EDU
VI	S	D.S. Padda	
VT	E	Donald L. Mclean	AG_SYSTEM@UVMVAX.BITNET
WA	W	Fred L. Poston, Jr.	POSTON@WSUVM1.BITNET
WI	C	Patrick G. Boyle	RITA.SEARS@MAIL.ADMIN.WISC.EDU
WV	E	Rachel B. Tompkins	U4AAC@WVNM.WVNET.EDU
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To send a message to all national directors/administrators send one Email message to the mail list reflector: us-cesdirs@es-cit.esusda.gov

To send a message to all of the directors/administrators in a region send an E-mail message to one of the following mail list reflectors:

Region	Address
North East	ne-cesdirs@nysaes.cornell.edu
West	w-cesdirs@cas.orst.edu
North Central	nc-cesdirs@cas.orst.edu
South	s-cesdirs@hubcap.clemson.edu

The regional mailing list reflectors are being coordinated by the following individuals:

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To notify ES-USDA of changes to addresses in the directory please send an electronic mail message to: address@es-cit.esusda.gov

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General Lessons

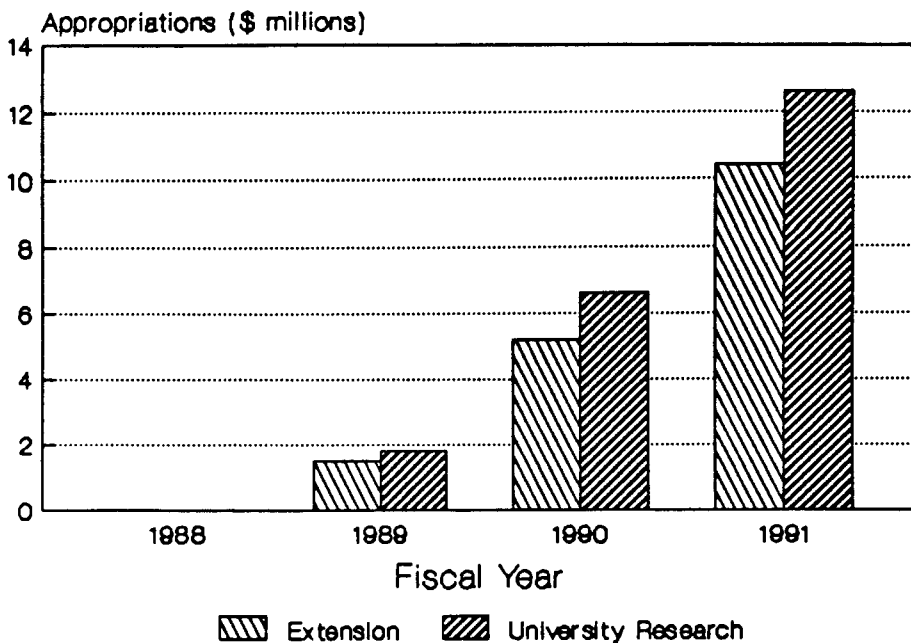
I. Basically good news

- A. Base programs did well, sustaining a 4-5% growth.
- B. The special initiatives did not detract from base support.
- C. The special initiatives did well.
 - 1. The NRI did not bring in increases as large as hoped, but did result in a 72% growth over earlier competitive grant funding, which is actually a substantial increase in the current budget environment.
 - 2. Water Quality did well. Research increased from \$6.6 million to \$8 million in special grants, an increase of 20%. If the \$4.6 million within the NRI that is directed to Water Quality is considered, there was an increase in total funding to \$12.6 million, an increase of 90%. Extension showed a similar increase from \$5.2 million to 10.375 million, an increase of 99%. There has been a total increase in funding for Water Quality research and extension of \$23 million over the past three years. Graphs attached.
 - 3. Food Safety did well. Extension received \$1.5 million, which is a very good "kick-off."
 - 4. Youth-at-Risk did very well, with a start-up appropriations of \$7.5 million.
 - 5. While not all of the Extension Initiatives faired so well, overall, there was a very substantial increase in these programs, increasing over 272% over last year!
 - 6. Pesticide related programs showed substantial gains for both research and extension.
 - 7. Sustainable agriculture research showed a strong gain of 53%.
 - 8. Higher education did very well in specific program areas. The increase in the base funding was minimal (1.4%), but scholarships and challenge grants showed strong increases.

II. Buildings and some "targeted" projects remain a difficulty in some instances. Tight budgets may actually exacerbate the problem areas.

III. There are indications that the appropriations process is moving even more towards a "zero-sum" game. In the last Senate mark-up, it was stated that any new proposals by members would have to include a statement of where the money was going to come from. Youth-at-risk was identified as a "donor," but managed to make it through. Tighter budgets may encourage more "raiding" attempts on core programs in the future, as members look for ways to fund "special" projects back home.

Water Quality Appropriations University Research and Extension



Water Quality Appropriations University Research and Extension

