

Rec'd 8/27/58
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WESTERN DIRECTORS' MEETING
RENO, NEVADA

July 16, 1958

Meeting was called to order by Chairman Fleming at 9:00 a.m. in the Conference Room of the College of Agriculture. The following were present during part or all of the meeting:

<u>Name</u>	<u>State or Organization</u>
Richard K. Frevert	University of Arizona
Harold E. Myers	University of Arizona
F. N. Briggs	University of California
D. E. Jasper	University of California
Paul F. Sharp	University of California
S. S. Wheeler	Colorado State University
M. M. Rosenberg	University of Hawaii
R. D. Ensign	University of Idaho
J. A. Asleson	Montana State College
Roy E. Huffman	Montana State College
Jay E. Adams	University of Nevada
C. E. Fleming	University of Nevada
Robert H. Black	New Mexico A. & M. College
Albert S. Curry	New Mexico A. & M. College
R. M. Alexander	Oregon State College
R. W. Henderson	Oregon State College
F. E. Price	Oregon State College
David A. Burgoyne	Utah State University
L. W. Rasmussen	Washington State College
John R. Vaughn	University of Wyoming
B. F. Beacher	SESD, Washington, D. C.
H. C. Knoblauch	SESD, Washington, D. C.
Reed W. Bailey	U. S. Forest Service, Ogden, Utah
Hans Lineweaver	Western Regional Research Laboratory, Albany, California
Robert E. Olson	USDA, Berkeley, California
Harry C. Trelogan	Agricultural Marketing Service, USDA, Washington, D. C.

(1)

Welcome

Dean Adams welcomed the group and explained plans for luncheon. Director Fleming presented the plans for the evening dinner at the Fleming home.

Approval of Minutes
March, 1958

Wheeler moved, Rosenberg seconded, that the minutes of the March, 1958, meeting be approved. Passed.

Report
ESCOPE

Curry reported for ESCOP on the April 23 and 24, 1958, meeting. Minutes are on file in the Director's offices.

Report
Legislative Sub-
Committee

Myers and Fleming reported on the activities of the Legislative Sub-committee. The Committee met in Washington four times.

Budget Need Estimate

Henderson moved, Rosenberg seconded, that the Legislative Sub-committee of ESCOP be asked to restudy the budget need figure. Passed.

Report
Committee of Nine

Rosenberg reported for the Committee of Nine. Minutes of the Auburn, Alabama, meeting were distributed to the Directors.

WM-24
Revision

WM-24 revision is to be considered at the 1959 spring meeting of the Directors.

Representative on
IRM-1

Rosenberg moved, Myers seconded, that the Western Region continue to appoint its technical representative annually to the IRM-1 technical committee until 1961 (as is being done at the present time), whereupon the term of appointment be increased to four years in accordance with the recommendation made by the Committee of Nine at its May 20-22, 1958, meeting. Passed.

IRM-1 Representative
Harold F. Holland

Wheeler moved, Huffman seconded, that Harold F. Holland of Oregon be reappointed as Western Region representative on IRM-1. Passed.

Report
ESMRAC

The minutes of the last meeting of ESMRAC were distributed to all Directors prior to the meeting.

Report
Federal-States
Relations Committee

Price reported for the committee. He touched upon regional laboratories, payment of rental by federal agencies for housing personnel located in states, and expansion of forestry research. He suggested that the Directors give an indication that we favor expanding research in forestry and are willing to request additional federal funds to support this area of research.

Director Fleming appointed Price, Wheeler, and Sharp to prepare a resolution relative to forestry research.

Committee on
Utilization Research

Price presented a letter from Director L. B. Howard, requesting a statement of the attitude of the Western Experiment Station Directors relative to the organizational pattern for the expansion of utilization research on the federal level.

Action on Howard's Letter

Price moved, Black seconded, that the Western Directors go on record as favoring the development of utilization research within the (Agricultural Research Service), USDA. Passed. *Department of Agriculture Nov. 10, 1958*

Director Fleming appointed Price, who is to select two other Directors, to prepare a resolution relative to the organizational pattern for utilization research on the federal level.

Report WAERC

Huffman reported on the activity of the WAERC. He called attention to Olson's memorandum to the Directors, dated July 8, 1958, which sets forth the proposed budget and other recommendations.

Discussion "The Round-Up"

The results of the resolution from the spring, 1958, meeting of the Directors (page 20 in the minutes) were discussed. Doctor D. V. Wells replied (copies of Well's letter were sent to Directors), but no replies were received from Director Ferguson or the Western Extension Directors. An extension committee has been appointed to consider this problem.

Curly Top Virus Disease Request for Regional Research

A resolution requesting regional research on curly top disease was presented and discussed. Adams moved, Curry seconded, that the curly top disease problem be considered along with other requests for new regional research. Passed.

Biological Control of Rangeland Weeds

Myers reported on exchange of correspondence with Administrator Shaw. Director Sharp reported on the developments in California, including the control of Klamath weed in California by a beetle.

Resolution American Dairy Science Association

A resolution from the American Dairy Science Association was read. No action was taken since the resolution was addressed to each Station Director and not to the Western group of Directors.

Officers for the Western Directors

Burgoyne moved that the Chairman set up a nominating committee of three. Seconded and passed. Sharp, Curry, and Wheeler appointed. The committee was instructed to report the first thing Friday morning.

Replacement for Briggs as Administrative Advisor

Director Sharp reported for the committee appointed by Fleming (Sharp, Chairman; Curry and Myers).

W-46 --- Black
W-49 --- Jasper
WM-27--- Huffman

It was moved, seconded, and passed that the committee report be accepted.

Letter from Director Young - Extension Research

A letter from Director Young relative to extension research was presented and discussed. The Western representatives on ESCOP were directed to prepare a statement to be considered by the group as a whole.

Recess

The meeting was recessed at 5:00 p.m.

July 17, 1958

Meeting reconvened at 8:40 a.m.

Experiment Station Dinner
Washington, Nov., 1958

Director Curry presented a request from Director Kraus, Chairman of the Directors, for suggestions concerning the Experiment Station Directors' meeting at the Land-Grant Colleges and State Universities. Curry will transmit suggestions to Kraus.

Reports from USDA
Administrators

Comments of H. C. KNOBLAUCH, SESD:

1. Discussed USDA appropriations for agricultural research with indications of increase items and program adjustments to accomplish more utilization research. It was indicated that agricultural appropriation committees are earmarking a greater number of items each year. For 1959, approximately \$900,000 of ARS funds are earmarked for specific problems.

The use of increased funds under the grants was considered. Emphasis was placed on the need for strengthening existing programs by providing for more basic research and better supplementary support for existing scientists.

2. SESD is currently making a study of the federal grant funds used for basic research. At the spring meeting of ESCOP, in response to a request for information on research needs for the future, there was need to provide information on the amount of basic, applied, and developmental research. A wide variation in the amount of basic research was expressed by the Directors for the states represented at the ESCOP meeting. Because of the variability expressed, ESCOP requested SESD to make a new analysis of federal grant programs.
3. Program needs and justification statements from the State Stations are placing greater emphasis on basic research. We would urge further consideration for expanding basic research under the grant funds.
4. A salary study is being made. Salary information has been received from 31 states. It is hoped that at least 40 states will provide the needed information. Data are needed from Arizona, California, Idaho, Montana, Oregon, and Wyoming. We plan to make the analysis as soon as possible and return the information to the states by late September or early October.
5. Plans were presented for an administrative workshop to be held in Washington on October 6-7 or October 9-10. Directors are to advise if anyone from their state would like to participate in the workshop. Copy of the agenda was distributed to the Directors.
6. It was pointed out that no action had been taken on the proposed facilities bill.

7. The Directors' attention was called to the Soil Conservation Service Advisory Notice W-116. ESCOP consideration of the advisability of re-establishing the Soil Survey Policy Committee was reviewed. This question will probably be considered at the fall meeting.
8. Internal Audit Program of ARS covered in a memorandum from K. A. Butler to H. C. Knoblauch is as follows:

"Following our recent conversation I prepared this statement for your consideration in connection with the summer meetings with the station Directors. After you have reviewed the statement, I would like to have your suggestions for improvement or for making it more adapted to the intended purpose.

"In compliance with Department policy, the Agricultural Research Service established an Internal Audit Staff in 1954. The staff is in the Office of the Administrator and reports directly to Dr. Shaw.

"The objective of the internal audit function is to assist the Administrator in achieving an efficient and effective administration of ARS activities. The Internal Audit Staff is not an investigative unit, but functions primarily as assistance to management.

"The audit is to determine the extent to which research, regulatory, and management policies, programs, and procedures are adequate, effective, efficient, and in accordance with applicable laws and Department and agency recommendations, and the sufficiency of management and financial controls.

"In accomplishing its objective, the Internal Audit Staff conducts audits and reviews of all phases of ARS activities at field locations and headquarters offices in Washington, D. C., and Beltsville. This often requires visits to State Experiment Stations where ARS employees are stationed, or where work being supported in part by ARS funds is carried out under the leadership of experiment station employees. The Internal Audit Staff is concerned only with the Federal aspects of the operation, but it is often necessary to confer with State experiment station employees in regard to the progress of the Federal work under their supervision or in regard to Federal property in their custody. On visits to experiment stations, it is usual for the auditor to ask for a conference with the Director to explain the purpose of the visit to the station and to discuss the work carried on under the cooperative arrangements.

"The Internal Audit Staff functions entirely independent of line operations and does not make or give orders to make changes in programs, procedures, or operations of ARS. However, in line with its endeavor to be of assistance to management, the staff does make recommendations and suggestions for changes for the consideration of those responsible for the program activity."

9. Current status of possible fund for housing research for 1959 was presented.
10. A table on the change in expenditures of state stations from 1948-1957 was presented to the Directors. This table follows on the next two pages (6 and 7).

SES-OD-1168
(July 1958)

Comparison of Expenditures by State Agricultural Experiment Stations
1948 - 1957
(In Thousands of Dollars)

States (By Regions)	Federal-Grant Funds			Non-Federal Funds			Total		
	1948	1957	Percent Increase	1948	1957	Percent Increase	1948	1957	Percent Increase
<u>North Central Region</u>									
Illinois	214	787	267.75	1,394	2,478	77.76	1,608	3,265	103.04
Indiana	182	748	310.98	1,508	2,861	89.72	1,690	3,609	113.55
Iowa	213	797	274.17	1,076	2,626	144.05	1,289	3,423	165.55
Kansas	177	536	202.82	450	1,924	327.55	627	2,460	292.34
Michigan	210	782	272.38	586	2,847	385.83	796	3,694	355.90
Minnesota	171	703	311.11	1,350	2,754	104.00	1,521	3,508	127.28
Missouri	217	732	237.32	394	1,109	181.47	611	1,841	201.30
Nebraska	159	488	206.91	673	1,560	131.79	832	2,048	146.15
North Dakota	137	361	163.50	406	873	115.02	543	1,244	127.25
Ohio	217	884	307.37	1,080	2,241	107.50	1,297	3,125	140.94
South Dakota	135	386	185.92	228	680	198.24	363	1,064	193.66
Wisconsin	201	716	256.21	1,736	3,404	96.08	1,937	4,110	112.70
Regional Totals	2,233	7,920	254.67	10,881	25,357	133.03	13,114	33,284	153.75
<u>Northeastern Region</u>									
Connecticut	122	330	170.49	444	1,005	126.35	566	1,335	135.86
Delaware	98	243	147.95	169	417	146.74	267	664	147.19
Maine	150	368	145.33	262	375	43.12	412	743	80.33
Maryland	145	415	186.20	307	735	139.41	452	1,170	154.42
Massachusetts	134	401	199.25	313	612	95.52	447	1,024	126.62
New Hampshire	108	269	149.07	50	206	312.00	156	412	200.63
New Jersey	150	415	176.66	749	1,777	137.24	900	2,474	143.82
New York	246	842	242.27	2,244	5,249	133.91	2,490	7,493	144.61
Pennsylvania	303	956	215.51	717	1,611	124.68	1,020	2,522	151.66
Rhode Island	108	266	146.29	97	198	104.12	105	296	126.34
Vermont	112	262	133.92	52	183	251.92	164	466	171.34
West Virginia	167	560	235.32	257	424	64.98	424	988	132.07
Regional Totals	1,843	5,327	189.03	5,661	12,792	125.96	7,504	18,119	141.45

SES-OD-1168
(July 1958)

States (By Regions)	Federal-Grant Funds			Non-Federal Funds			Total	
	1948	1957	Percent Increase	1948	1957	Percent Increase	Percent	Increase
<u>Southern Region</u>								
Alabama	244	768	214.75	735	1,737	136.32		155.87
Arkansas	206	644	212.62	378	883	133.59		161.47
Florida	144	443	207.63	2,049	3,935	92.04		99.63
Georgia	252	841	233.73	348	2,554	633.90		465.83
Kentucky	218	803	268.34	457	1,269	177.68		206.96
Louisiana	177	569	221.46	686	2,566	247.05		263.26
Mississippi	239	798	233.89	1,109	1,334	20.28		58.16
North Carolina	280	1,049	482.77	749	1,811	141.78		177.93
Oklahoma	209	570	175.36	771	1,521	97.27		113.80
South Carolina	213	622	192.01	507	805	58.77		98.19
Tennessee	233	799	242.91	385	981	154.80		188.02
Texas	336	1,092	225.00	1,726	3,611	109.21		128.07
Virginia	221	731	230.76	430	1,353	214.65		220.12
<u>Regional Totals</u>	2,970	9,729	227.57	10,330	24,360	135.81		156.30
<u>Western Region</u>								
Arizona	119	333	179.83	291	881	202.74		196.09
California	206	816	296.11	3,539	8,994	154.13		161.94
Colorado	138	457	231.15	358	1,310	265.92		256.25
Idaho	132	366	177.27	203	788	288.17		244.47
Montana	123	366	197.56	532	1,248	134.58		146.41
Nevada	104	247	137.50	49	189	285.71		184.96
New Mexico	113	318	181.41	150	438	192.00		186.31
Oregon	175	475	171.42	880	2,055	133.52		139.81
Utah	123	361	193.49	386	690	78.75		106.48
Washington	155	609	292.90	1,108	2,462	122.20		143.15
Wyoming	107	317	196.26	252	531	110.71		136.21
<u>Regional Totals</u>	1,495	4,665	212.04	7,748	19,586	152.78		162.37
Alaska	45	203	351.11	1/	280			
Hawaii	102	256	150.98	391	618	58.05		77.28
Puerto Rico	181	715	295.02	339	1,375	305.60		301.92
Total	328	1,174	257.92	730	2,273	211.36		225.80
<u>GRAND TOTAL</u>	8,869	28,814	224.88	35,350	84,368	138.66		155.96

1/ Information not available

Report Requested by
Congress -
Corn Borer Eradication

Letters from Dr. Knoblauch and Dr. Knipling were read and discussed. These letters follow:

"Dr. C. E. Fleming, Associate Director
Agricultural Experiment Station
Reno, Nevada

Dear Dr. Fleming:

"The House and Senate committees in their reports on the 1959 Appropriation Bill for the Department of Agriculture directed the Department to review research needs on the European corn borer and other corn insects. Dr. Knipling has discussed with us certain preliminary plans for carrying out the directive of Congress and is planning to send some of his suggestions to you for consideration. We realize that problems of corn insects are of limited interest in the Western region, but felt that the directors would wish to know the plans that are being developed.

"It is suggested that you may wish to have this problem considered at the summer meeting of the Western Directors in Reno. After you have heard from Dr. Knipling you will be able to decide whether you wish to place the item on the agenda.

"Best regards,

Sincerely,

/S/ H. C. Knoblauch
Director"

"Director C. E. Fleming
Agricultural Experiment Station
University of Nevada
Reno, Nevada

Dear Director Fleming:

"Dr. H. C. Knoblauch mentioned in his recent letter to you our plans for undertaking a study of needs for research on the European corn borer and other corn insects. The Agricultural Research Service has been asked by the House Subcommittee on Appropriations to make this study. I am quoting below the statement as it appeared in the House Committee Report on Agricultural Appropriation Bill, 1959:

"Research on the eradication of the corn borer and other corn insects also needs to be increased. The Department is requested to study this matter and submit a special report to Congress next year as to future action needed to meet this problem."

"In view of this mandate from Congress, this Division plans to undertake such a study and prepare a report for consideration in ARS and the Department. In making the study,

it is our desire to consult with appropriate representatives of all state agricultural experiment stations vitally concerned with corn insect problems in order to obtain their ideas on the problems and research needs. The views of farmers and industry interested in corn insect problems will also be obtained. Various scientific disciplines in addition to entomology will be considered so that any proposals for expansion of research and requirements for new facilities will recognize the needs for work in plant breeding, agricultural engineering, plant physiology, and other areas that are necessary for a well-balanced corn insect research program.

"The general plan as discussed with Dr. Elting is to designate three members of the Department to conduct the study. For the North Central Region, we are proposing that Dr. T. A. Brindley, European Corn Borer Research Laboratory, Ankeny, Iowa, assume this responsibility. For the South, we propose to assign Mr. J. W. Ingram, State College, Mississippi, to undertake the study. We plan to have Dr. R. G. Dahms, Head, Cereal and Forage Insects Section, consider the needs in other corn growing areas. We are most anxious to have the cooperation and support of the state experiment stations in conducting this study. It is our desire that the survey be completed and a report prepared before the end of this calendar year.

"Dr. Knoblauch indicated that after getting our proposal you might wish to include this item on the agenda at the summer meeting of the Western Directors, which we understand will be held July 16-18 at Reno, Nevada. If you should desire to have a representative of this Division discuss this item at your meeting, we shall make every effort to have someone present.

Sincerely yours,

/S/ E. F. Knipling, Director"

Rasmussen moved, Curry seconded, that the Western States cooperate in the program. Passed.

DOCTOR B. F. BEACHER, SESD, reported as follows:

"Certification for payment of RRF on a no-increase basis has been requested, and letters of certification should be in the mails to all States by July 25, 1958. Checks will follow.

"Station programs are being reviewed for regional research allotments and data. Lists of contributing projects as recorded in SESD files will be mailed to each Director for confirmation with State station records. A careful check and report of non-Federal contributing projects will be appreciated. (By July 14, 1958, the programs of 34

stations had been reviewed and approved, including 1,086 regional research contributing project and trust fund proposals, an average of 32 per station and a range of 4 to 67 per station.)

"Copies of the revised Manual of Procedures for Cooperative Regional Research, ARS 23-3 (SESD-1082) are now being distributed to technical committeemen by the SESD representatives.

"Concise and effective reports summarizing the organization and some accomplishments of the Regional Research program were presented to the ARPC by Dr. Turk, Dr. Elting, Dr. Van Roeckel (NE-5), Dr. Richmond (S-1), and Dr. Quackenbush (NCM-12), during two hours on June 30, 1958. Dr. Shaw and the Committee responded favorably to the presentation.

"The USDA contributing projects in the RRF program now number 37, of which 9 are Western regional.

"The tentative program for fiscal year 1959 includes 187 regional projects, of which 54 are marketing, 130 are non-marketing, and 3 are interregional. This is a reduction of 10 projects below last year. There were 23 projects closed on June 30, and 13 new activated on July 1, 1958. The regional totals are as follows:

<u>Region</u>	<u>Marketing</u>	<u>Non-Marketing</u>
North Central	12	35
Northeast	11	28
South	14	30
West	17	37
Total	54	130

The Hannah Letter

Price raised a question concerning the Hannah letter. The Northeast Directors and the North Central Directors each scheduled one-day discussions of this problem at the summer meeting, 1958. It was suggested that the Western Directors schedule such a discussion for the summer meeting, 1959. Director Fleming appointed a committee composed of Sharp (Chairman), Rosenberg, and Frevert to make plans for the presentation and discussion.

Report
Agricultural
Marketing Service

Dr. H. C. Trelogan, Agricultural Marketing Service, reported to the Directors. He called attention to changes in the Agricultural Marketing Service program.

Report
Western Regional
Research Laboratory

Dr. Hans Lineweaver reported for the Western Regional Research Laboratory in the absence of Dr. M. J. Copley. Dr. Copley sent a letter to Director Fleming, expressing regret that he could not attend, but indicated that Dr. Lineweaver would represent him. The 1959 Collaborators' Conference was discussed. Poultry and egg processing

utilization was given first priority as a subject for the conference. The alternate topic was "Wool Research."

Meeting at Albany
Laboratory Collaborators

Myers moved, Rosenberg seconded, that Dr. G. F. Stewart of California be appointed to represent the Directors in cooperating with the Western Regional Laboratory in developing the program for the 1959 Collaborators' Meeting. Passed.

Report
Forest Service

Dr. Reed W. Bailey, Intermountain Forest and Range Experiment Station, reported for the Forest Service.

Permanent Secretary to
Western Directors

Director Sharp reported on developments relative to this problem. Sharp moved, Price seconded, that \$3,000 P & C funds be allotted to Montana for the purpose of payment of the expenses of a permanent recording secretary who will have responsibility for working with the states of the region in planning and coordinating the program of research under the regional research fund. The allotment is to be prorated among the three highest allotment marketing and seven highest allotment non-marketing regional research projects. Passed.

Henderson moved, Ensign seconded, that we authorize the employment of a permanent recording secretary when funds are available, and approve the job description of the position as read by Director Sharp and modified by some of the Directors present, and then authorize the chairman and the official secretary of the Western Directors to modify the description as necessary. The job description follows:

RESPONSIBILITIES OF SECRETARIES OF WESTERN DIRECTORS

There shall be (1) an official Secretary of the Western Directors, who is also a Director, elected by the Western Directors, and (2) a Recording Secretary to service the Western Directors on a continuing basis.

The Recording Secretary shall have the following duties:

1. Attend meetings of the Western Directors (three meetings a year).
2. Record and distribute minutes of the meetings of the Western Directors.
3. Attend meetings of the Committee of Three to examine projects on regional research, and record and distribute comments on projects. Record and distribute budget suggestions made by the Committee of Three. (The Committee of Three usually meets twice a year, their meetings preceding the Western Directors' meetings.)
4. Review minutes and maintain a list, and distribute a digest of all policy decisions contained in minutes. This record is to be kept up to date.

5. Maintain list of Administrative Advisors and all technical committee members, copy of each appointment of a technical committee member to go to the Recording Secretary.
6. Maintain a file of all master and contributing projects and related correspondence.
7. Maintain a file of all committees of Western Directors and officers, current and past.
8. Prepare copies of all resolutions passed by the Western Directors, these resolutions to be transmitted by the official Secretary.
9. All direct communication with other regions and officers of Land-Grant College organization shall be through the official Secretary.
10. Maintain liaison on related matters with the Secretary of the Committee of Nine and the SESD.

Passed.

Report
Nominating Committee

Director Sharp reported for the Nominating Committee as follows:

Chairman -----Myers
 Secretary ----- Sharp
 Regional Research Committee -- Black, Rasmussen (alternate)
 ESCOP ----- Fleming, Wheeler (alternate)
 ESMRAC ----- Huffman, Wheeler (alternate)
 Legislative Sub-committee ---- Thorne
 Publications Committee ----- Price

Ensign moved, Rosenberg seconded, that the report of the Nominating Committee be accepted, and that the Secretary cast a unanimous ballot for the nominees. Passed.

All new officers will assume duties after the fall meeting (1958) except Fleming and Price, who will assume responsibilities immediately since they are filling vacancies.

Report
IRM-1

Alexander reported for Doctor Holland, who is the Western representative on the committee.

Report
Fundamental
Population Genetics

Wheeler called attention to developments on this subject. No request has been received for the establishment of a Western regional project. An interregional project was requested by a memorandum of July 9, 1958. Sharp moved, Alexander seconded, that the Western Directors go on record as not being in favor of the organization of an interregional technical committee on population genetics.
Passed.

Meeting
Black Spot Disease
of Potatoes

Rasmussen presented a request for approval of a potato meeting in Portland, Oregon, to consider Black Spot disease. Rasmussen moved, Sharp seconded, that the Directors approve a meeting to review and coordinate the work on the Black Spot of potatoes. The meeting would be held in Portland on October 16 and 17, or October 23 and 24. The meeting would involve research workers and others who are working on the problem. Passed.

Proposal
Facilities for Soil
and Water Research

Ensign discussed the proposal which was presented in a letter from Longwell. A request was made for the establishment of a regional trust fund to help finance a director to assist in the evaluation of the need for facilities for soil and water research.

Ensign moved, Wheeler seconded, that an additional \$1,000 be added to W-29, to be placed in a special P & C trust fund to be used in the financing the survey of the needs of regional soils and water laboratories. Passed.

Report
Industrial Utilization
of Agricultural
Products

Price reported for the committee, consisting of Wheeler, Sharp, and Price, as follows:

The Association of Western Experiment Station Directors believes it would be desirable to provide that any extension of activities within the area of utilization of agricultural products at the federal level be carried on within the existing organizational structure of the Agricultural Research Service of the U.S.D.A. Passed.

Report
Extension Research

Price reported for the committee, consisting of Curry, Huffman, and Price, as follows:

The Western Experiment Station Directors recommend that "Research" be dropped from the name of the Division of Extension Research and Training of the Federal Extension Service, and that appropriate revisions be made in the statement prepared by the Federal Extension Service on the function of this division consistent with the recommended change in name.

If we were asked to suggest a name for this division, we would propose "The Division of Extension Evaluation and Training." Passed.

Report
Forest Research

Price reported for the committee, consisting of Sharp, Wheeler, and Price, as follows:

In view of the importance of forestry and forest products to the economy of the Western States and to the nation and the need for fundamental research in solving the basic problems with which the industry is faced, the Association of Western Experiment Station Directors has a vital interest in a strengthened program and goes on record as favoring expansion in forest research.

Because the Agricultural Experiment Stations have qualified scientists in entomology, plant pathology, soil

science, and production and marketing economics, the State Experiment Stations are in a strategic position to cooperate in developing a strengthened program of forest research. Passed.

Recess

The meeting was recessed at 5:00 p.m.

July 18, 1958

Meeting resumed at 8:50 a.m.

Replacement

Price was elected to replace Briggs on the Sub-committee of ESCOP on Extension Research.

Report
Committee of Three

Ensign presented the report of the Committee of Three. Myers moved, Rosenberg seconded, that the Committee of Three report on W project budgets be approved, and the budgets as proposed be accepted for 1958-59. Passed.

Myers moved, Rasmussen seconded, that the report of the Committee of Three for WM projects be approved as modified, and the budget as proposed be accepted for 1958-59. Passed.

Jasper moved, Curry seconded, that the allocation to the states on the basis of totals for projects previously approved be approved as the 1958-59 budget. Passed.

Resolution

The following resolution was presented by Dr. Knoblauch and seconded by Director Sharp:

RESOLVED, THAT because of the unsurpassed hospitality extended by our hosts, Acting President Wood and Mrs. Wood, Dean and Mrs. Adams, Director and Mrs. Fleming, and the efficient coffee break and transportation staff during the summer meeting of the Western Directors at Reno, Nevada, be it therefore resolved that the Directors of the Western Region and representatives of the U. S. Department of Agriculture attending the meeting wish to express appreciation and thanks to the above mentioned hosts, and hereby instruct the Secretary of the Western Directors to prepare and direct an appropriate letter of appreciation to our hosts; and further, the Secretary be directed to incorporate this resolution in the minutes in the recorded proceedings of the Reno, Nevada, meeting of July 16, 17, 18, 1958.

Letters to
Kraus and Van Arsdel

The Secretary was asked to write to Kraus, expressing the sympathy of the Western Directors because of the illness of his wife.

Also, the Secretary was instructed to write to Assistant Director Van Arsdel, Albany Laboratory, expressing regret in learning of his illness, and wishing him a rapid recovery.

Project Budgets
\$3 M & \$6 M Levels

Ensign was directed to complete the project budgets for W-projects at the \$3 million and \$6 million levels. Approval is to be obtained from the Committee of Three, after which the budget will be sent to the Directors.

Huffman will give the Committee of Three suggestions for the \$3 million and \$6 million levels.

WM-cc
Assigned WM-39

WM-cc was assigned the number WM-39, and Buchanan was appointed administrative advisor.

WM-dd
Assigned WM-40

WM-dd was assigned the number WM-40, and Buchanan was appointed administrative advisor.

Soil and Water Projects

Sharp moved, Black seconded, that the three administrative advisors for Soil and Water projects review all Soil and Water projects, and make recommendations to the Directors relative to future direction of projects in these areas. Passed.

Future Meetings

Price invited the Directors to meet in Oregon in the summer of 1959. Invitation was accepted.

The spring, 1959, meeting of the Western Directors will be held in Berkeley.

Adjournment

The meeting was adjourned at 4:10 p.m., July 18.

Respectfully submitted,

Harold E. Myers
Secretary

PROPOSED 1960 BUDGET
WESTERN REGION

7/26/58
Revised 8/4/58

	<u>NO INCREASE</u>	<u>3M</u>	<u>6M</u>
W-1 Beef Cattle Breeding	82,300**	82,300	82,300
W-6 New Plants	36,300**	38,300	39,300
W-7 Turkey Breeding	17,000	17,000	17,000
W-11 Weed Control *	46,300**	46,300	46,300
W-16 Range Economics *	29,500	29,500	33,000
W-22 Stone Fruit Viruses *	26,000	26,000	26,000
W-24 Cotton Mechanization	17,000	17,000	17,000
W-25 Brush Infested Rangelands	62,800**	62,800	62,800
W-27 Vibriosis in Sheep	34,870	37,000	37,500
W-28 Water Application and Drainage *	23,000	23,000	23,000
W-29 Soil-Water-Plant Relationships *	37,500	37,500	37,500
W-30 Soil Structure *	26,500	28,285	35,250
W-31 Nitrogen	33,000	36,000	36,000
W-32 Water Conservation	24,000	27,000	33,500
W-34 Range Livestock Nutrition	56,300**	59,300	59,300
W-35 Nematode Parasites of Ruminants	51,200**	51,500	53,200
W-37 Rangeland Grasshoppers	15,000	15,000	15,000
W-38 Fungus Root Diseases	30,000	33,000	33,000
W-39 Flourine Effects	25,000	25,000	25,000
W-40 Breeding Forage Plants	25,000	27,000	29,000
W-41 Urinary Calculi	26,000	28,000	30,000
W-42 Ground Water Laws *	11,500	14,000	15,000
W-43 Forage Crop Insects	19,000	24,500	26,500
W-44 Cholesterol Metabolism	33,000	36,000	40,000
W-45 Pesticide Residues	21,615	25,250	29,000
W-46 Environment and Farm Animals	23,000	30,000	36,235
W-47 Root Responses	12,000	15,000	20,000
W-48 Weather and Crop Production	5,000	5,000	5,000
W-49 Breeding Failure in Cattle	40,300**	42,300	48,300
W-50 Altitude and Temperature Poultry	9,750	15,000	21,000
W-51 Drainage Design	2,000	8,000	14,000
W-52 Biochemistry of Herbicidal Action	5,000	10,000	15,000
W-53 Insects and Mites of Grasses	-----	5,000	12,400
W-54 Farming Adjustments	33,000	45,500	45,500
W-55 Small Fruit Viruses	-----	11,000	15,200
W-56 Nematodes in Root Disease	2,000	10,000	15,000
W-57 Amino Acid Utilization	43,000	43,000	48,000
W-58 Forage Crop Production	27,300	27,300	27,300
W-59 Gov't. Price Policies	21,500	21,500	21,500
W-60 Textiles	10,000	10,000	15,000
W-61 Sheep Breeding	10,000	15,000	20,000
W- Farm Power & Machinery Costs	-----	25,000	37,000
W- Small Water Shed Development	-----	-----	15,000

*Among projects subject to revision
**Includes \$300 at all levels of Other Trust for
Western Directors' recording secretary

	<u>NO INCREASE</u>	<u>3M</u>	<u>6M</u>
W- ^e Rehab of Irrigated Areas	----	----	11,000
W- New Poultry Disease (W-5) *	20,000	20,000	25,000
W- New Bean Project (W-12) *	23,000	23,000	23,000
Sub Total W-Projects	1,096,535	1,228,135	1,371,885
WM-16 Grain Marketing *	16,500	16,500	16,500
WM-17 Frozen Fruits & Vegetables *	30,500	30,500	30,500
WM-20 Marketing Hay and Feed	25,500	30,000	35,000
WM-23 Wool Marketing	25,300**	25,300	25,300
WM-24 Mrt. Horticultural Crops *	17,500	17,500	17,500
WM-26 Consumer Preference	16,000	16,000	16,000
WM-33 Utilization Red Meats	7,000	21,700	36,200
WM-35 Marketing of Seeds	10,000	10,000	10,000
WM-36 Dairy Marketing	39,500**	39,500	39,500
WM-37 Transportation Livestock and Meats	36,000**	40,000	45,000
WM-38 Cooperative Marketing	35,500	35,500	35,500
WM-39 Direct Marketing of Livestock	22,050	30,000	38,000
WM-40 Procurement-Organization Retailers	36,500	40,000	40,000
WM- Marketing Western Cotton	----	10,000	10,000
WM- Inter'l. Trade	----	7,500	15,000
Sub Total-Marketing	317,850 (22.47%)	370,000 (23%)	410,000 (23%)
	1,414,385	1,598,135	1,781,885

* Among projects subject to revision

** Includes \$300 at all levels of Other Trust for Western
Directors' recording secretary

Prepared by:
Western Directors'
Project Review Committee
8/4/58

Budget - Western Region - Fiscal Year 1959
Recommended allotments by States

State	W-1	W-4	W-5	W-6	W-7	W-8	W-11	W-12	W-16	W-22
Arizona	4,400			4,000		5,500	3,100			
California	5,700		6,500	*	2,670	6,000	3,000		5,000	4,000
Colorado	8,700*				2,670	6,500	4,600	2,800	3,500	2,000
Hawaii	4,500								4,500	
Idaho	5,700						6,000	7,400	1,000	2,000
Montana	7,000					4,900	3,200		3,500	2,000
Nevada	5,800						4,000		2,000*	
New Mexico	8,700						3,250*		2,500	
Oregon	8,700		1,000	1,000	2,670		4,700	2,800*	2,000	5,500*
Utah	7,000		3,800		2,670		3,200			5,000
Washington	6,000		7,500*	27,300/	2,670*	4,900*	4,600	2,800		4,400
Wyoming	7,500			2,000	2,670		4,550	5,900		
P & C	2,300		1,200	1,700	980	1,200	1,800	1,300	2,000	1,100
Other	300**			300**			300**			
Total	\$82,300		20,000	36,300	17,000	29,000	46,300	23,000	26,000	26,000

* Administrative Adviser
 ** Other Trust for recording secretary (to Montana Trust)
 / Regional Plant Introduction Station

Total W-
 WM-
 Grand total -

\$1,096,535
 317,850
 \$1,414,385

Budget - Western Region - Fiscal Year 1959
Recommended Allotments by States

States	W-24	W-25	W-27	W-28	W-29	W-30	W-31	W-32	W-33	W-34
Arizona	6,900	5,500				6,450*	4,000*			
- - -	- - -	5,400	*	2,500	5,100	1,925	4,000	6,000		4,600
Colorado		4,700	7,300	2,900	6,600	3,425	4,000	6,000	1,000	5,100
Hawaii		2,300					2,500			2,800
Idaho		6,900	4,800	3,200				1,000		3,800
Montana		3,600	10,100	1,000	3,650	2,025		1,500	3,500	6,000
Nevada		3,400*		1,500					3,500	7,800*
New Mexico	6,250*	3,100				5,450	3,000			4,100
Oregon		8,700		1,000	6,100	2,125	4,000			4,100
Utah		5,400	6,170	2,900*	7,100*	3,425	4,500	4,000*	3,500*	8,600
Washington		3,600		4,500	4,150		1,200		3,500	3,000
Wyoming		7,900	5,500	1,500	2,250		3,800	4,000	3,500	4,100
P & C	300	2,000	1,000	2,000	2,550	1,675	2,000	1,500/	1,500	2,000
Other		300**			1,000***					300**
Total	17,000	62,800	34,870	23,000	38,500	26,500	33,000	24,000	20,000	56,300

*** Soil and Water Study (Iowa)

/ Includes funds for paying expenses of technician from Hawaii to a Technical Committee meeting.

Budget - Western Region - Fiscal Year 1959
Recommended Allotments by States

State	W-35	W-36	W-37	W-38	W-39	W-40	W-41	W-42	W-43	W-44
Arizona	3,200	3,300		3,500					2,000	3,700*
California	7,600*	3,400	2,800	5,200	7,700		2,000*		3,500*	3,700
Colorado	3,900		2,800*	3,500		4,600	6,500	2,300*		3,700
Hawaii	4,000	2,600								2,000
Idaho	4,600	800	2,800	3,000		*	4,300		1,500	4,500
Montana	5,900		2,800	3,500			7,500	2,500		4,500
Nevada	3,800	2,400				5,000				
New Mexico		3,100*		2,000				2,500		
Oregon		2,900		5,000*	*	5,500		1,400		3,600
Utah	6,000				9,600	6,000		1,800	3,750	4,500
Washington	5,000	2,200			6,700				3,950	1,800
Wyoming	4,900	2,600	2,800	2,500		3,000	4,500		3,000	
P & C	2,000	1,700	1,000	1,800	1,000	900	1,200	1,000	1,300	1,000
Other	300**									
Total	51,200	25,000	15,000	30,000	25,000	25,000	26,000	11,500	19,000	33,000

Budget - Western Region - Fiscal Year 1959
Recommended Allotments by States

State	W-45	W-46	W-47	W-48	W-49	W-50	W-51	W-52	W-53	W-54
Arizona	3,800	2,000	3,500		2,100					1,000
California	3,900*	2,500			6,100*	2,000				1,000
Colorado	3,500	2,600	4,500		5,400	2,000				1,000
Hawaii										
Idaho		1,900	*		6,000					1,000
Montana		1,800		4,000*	4,200					1,000*
Nevada		2,700			2,300					1,000
New Mexico		1,500*								
Oregon	4,500	1,800	3,000		4,400					1,000
Utah		2,200								1,000
Washington	3,900				8,200	*				1,000
Wyoming		2,200								1,000
P & C	2,015	1,800	1,000	1,000	1,300	750				3,000
Other					300**					
Total	21,615	23,000	12,000	5,000	40,300	4,750				13,000

Budget - Western Region - Fiscal Year 1959
Recommended Allotments by States

State	W-55	W-56	W-57	W-58	W-59	W-60	W-61
Arizona			12,000	4,000			
California			5,000	4,500			
Colorado			4,000 ¹				
Hawaii		*		3,500			
Idaho				*			
Montana				3,600			
Nevada				3,500			*
New Mexico	A R I Z O N E		6,000		A R I Z O N E	A R I Z O N E	
Oregon	A R I Z O N E		7,000		A R I Z O N E	A R I Z O N E	
Utah	A R I Z O N E				A R I Z O N E	A R I Z O N E	
Washington	A R I Z O N E			3,000	A R I Z O N E	A R I Z O N E	
Wyoming	A R I Z O N E		5,600	4,000	A R I Z O N E	A R I Z O N E	
P & C		2,000	3,400	1,200			2,000
Other							
Total		2,000	43,000	27,300			2,000

¹ Includes \$4,000 for amino acid pool.

² Includes \$2,000 for statistical work and publication.

Budget - Western Region - Fiscal Year 1959
Recommended Allotments by States

State	WM-13	WM-15	WM-16	WM-17	WM-18	WM-19	WM-20	WM-21	WM-22
Arizona			2,000				5,300		
California			3,000*	14,900					
Colorado			2,000					6,000*	
Hawaii				3,000*					
Idaho			3,000			5,600			
Montana							4,500	1,600	
Nevada							2,200*	1,000	
New Mexico							2,500	500	
Oregon			2,000	7,500		5,900*			
Utah							4,200		
Washington	3,700*		3,000	5,000		5,000	4,800		
Wyoming							1,500	1,300	
Texas								500	
P & C	300		1,500	800		600	1,200	850	
Other								14,500/	
Total	4,000		16,500	31,200		17,100	26,200	26,250	

/ Colorado holds trust for coordinator services. (Round Up)

Budget - Western Region - Fiscal Year 1959
Recommended Allotments by States

State	WM-23	WM-24	WM-25	WM-26	WM-27	WM-31	WM-32	WM-33	WM-34	WM-35
Arizona							500	*		
California		7,000		13,300				4,100		3,200
Colorado	3,350	5,200				5,000				2,700
Hawaii		1,900*								
Idaho				*		4,500				
Montana	4,250				*					
Nevada					1,500					
New Mexico	5,375						2,100*			
Oregon	3,350	4,000				3,800		2,600		3,200*
Utah	3,000*									
Washington		5,000								
Wyoming	4,175				1,000					
Texas										
P & C	1,500	1,100		2,700	200	1,000	200			900
Other	300**									
Total	25,300	24,200		16,000	2,700	24,100	2,800	6,700		10,000

Budget - Western Region - Fiscal Year 1959
 Recommended Allotments by States

State	WM-36	WM-37	WM-38
Alaska	5,000		
Arizona	5,200	3,900	
California	*		1,000
Colorado	5,000	*	
Hawaii	1,900		
Idaho	6,700	2,300	
Montana		4,100	4,100
Nevada	1,500	1,000	800
New Mexico		3,600	1,600
Oregon	3,000		3,500*
Utah	3,000	4,100	
Washington		4,000	8,000
Wyoming	1,500	3,000	
Texas		900	
P & C	1,900	2,000	1,600
Other	300**	300**	
Total	35,000	29,200	20,600