

WESTERN ASSOCIATION OF AGRICULTURAL EXPERIMENT STATION DIRECTORS
AND
UNITED STATES DEPARTMENT OF AGRICULTURE
211 POST OFFICE BUILDING
BERKELEY 1, CALIFORNIA

OFFICE OF THE
RECORDING SECRETARY

July 8, 1963

TO : Western Directors
FROM : John O. Gerald, Recording Secretary
SUBJECT: Minutes of June 19-21, 1963, Meeting

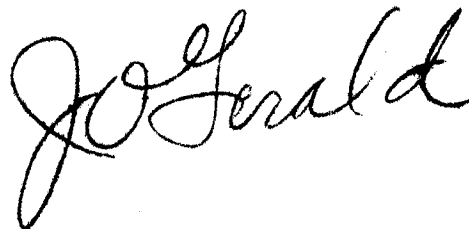
Attached are Minutes of your recent meeting. The 1963-64 budget summaries mentioned on page 10 will be forwarded at a later time for attachment to these Minutes. Items below are listed for your specific attention:

<u>For Specific Attention of</u>	<u>Page No.</u>	<u>Sidehead or Other Identification</u>
All Directors	10	RRC Report, Item B
	10 - 11	RRC Report, Item D
	12	RRC Report, Item F
	21	Administrative Adviser Assignments for 1963-64 (attached)
	13 - 15	Draft Memorandums of Agreement Among Stations
	15 - 16	Motion re Publication of Soil Maps
All Administrative Advisers	20	Time of Spring 1964 Meeting
	9	RRC Report, Item A, Projects due to terminate 6/30/64, and following discussion.
Asleson	20	Policy on Technical Committee Meetings in Hawaii
	7 - 8	RRC Report, Item A, WSWRC project authorizations
Boyce	10	RRC Report, Item G
	20	Appointments to IR-4 Committee
Bohmont	9	RRC Report, Item A, W-60

<u>For Specific Attention of</u>	<u>Page No.</u>	<u>Sidehead or Other Identification</u>
Buchanan	4	Motion re emphasis in use of Hatch funds
	15	Committee assignment re WAESD dues
	18	Appointments to meet with Home Economics Research Administrators in Spring 1964
Ely	8	RRC Report, Item A, W-46
Ensign	8	RRC Report, Item A, W-12
Farris	6	Motion re emphasis in use of CRF & RRF
Frevert	7 - 8	RRC Report, Item A, WSWRC project authorizations
	19	Consensus on timing of WD Meetings at Land Grant
Hilston	18	Appointments to meet with Home Economics Research Administrators in Spring 1964
Kraus	9	RRC Report, Item A, W-64
Leyendecker	11 - 12	RRC Report, Item E
Linsley	19	Consensus on timing of WD Meetings at Land Grant
Peterson	15	Committee assignment re WAESD dues
	17	Appointments for 1964 Collaborators Conference
Price	4	Motion re emphasis in use of Hatch funds
	15	Committee assignment re WAESD dues
	20	Appointments to IR-4 Committee
Rasmussen	6	Motion re emphasis in use of CRF & RRF
	9	RRC Report, Item A, W-69
	18	Appointments to meet with Home Economics Research Administrators in Spring 1964

<u>For Specific Attention of</u>	<u>Page No.</u>	<u>Sidehead or Other Identification</u>
Rosenberg	6	Motion re emphasis in use of CRF & RRF
Thorne	7 - 8	RRC Report, Item A, WSWRC project authorizations
Wilson	11 - 12	RRC Report, Item E

Attachments

A handwritten signature in cursive script, appearing to read "J. O. Gerald". The signature is written in dark ink and is positioned to the right of the "Attachments" label.

MINUTES OF
WESTERN DIRECTORS' MEETING

Student Union
Colorado State University
Fort Collins, Colorado

June 19-21, 1963

The meeting was called to order at 1:15 p.m. by Chairman Frevert. The following were present during all or part of the meeting:

R. K. Frevert	Arizona
E. G. Linsley	California
M. L. Peterson	California
D. W. Bohmont	Colorado
G. W. Hamilton	Colorado
D. F. Hervey	Colorado
L. H. Watts	Colorado
S. S. Wheeler	Colorado
M. M. Rosenberg	Hawaii
J. E. Kraus	Idaho
J. A. Asleson	Montana
R. E. Ely	Nevada
P. J. Leyendecker	New Mexico
M. L. Wilson	New Mexico
R. W. Henderson	Oregon
F. E. Price	Oregon
D. W. Thorne	Utah
M. T. Buchanan	Washington
N. W. Hilston	Wyoming
J. W. Oxley	Wyoming
N. F. Farris	CSESS
H. C. Knoblauch	CSESS

Fred Stitt WURDD, ARS

J. O. Gerald Recording Secretary

Introductions

Wheeler introduced Donald F. Hervey of the Colorado Station who will become Associate Director on July 1, succeeding D. W. Bohmont, who will become Dean and Director at Nevada on that date.

Frevert introduced Dr. Fred Stitt of Western Utilization Research and Development Division, ARS, Albany, California.

Approval of
March 1963
Minutes

Henderson moved, Kraus seconded that Minutes of the March 1963 meeting be approved as distributed. Passed.

Comments of
CSESS Repre-
sentative

Knoblauch discussed status of legislation of interest to Experiment Station Directors.

Appropriation Bill H. R. 6754, Report No. 355, June 3, 1963, provides for the full budget estimate of \$40,383,000 for the grants-to-states item. This represents an increase of \$2,120,050 over fiscal year 1963. One million of this is to meet increasing costs of research; one million to initiate a program of grants for forestry research; and the remainder to meet increased pay and postal costs.

This report describes the Land-Grant Colleges as the basic agricultural centers in the Nation, and describes their cooperative agricultural research as highly essential. In addition, these colleges do research for the Department of Defense, Department of Health, Education and Welfare, Atomic Energy Commission, and others. Grants and contracts from such agencies totaled more than \$16½ million in fiscal year 1963. Expansion of such activities was cited by Congressman Horan as favoring enactment of H. R. 40, the Facilities Bill. However, both Representative Horan and the Committee expressed concern that these activities should not be allowed to affect adversely the regular agricultural research work of the colleges, and CSESS has been requested to provide full information each year showing amounts of such grants and contracts to the State Experiment Stations and the purposes of the research in as much detail as possible as a part of the supporting material for the regular annual federal appropriations. Knoblauch discussed some means for providing such information.

The Committee noted that the following amounts are being spent for research of certain of the major commodities in fiscal year 1963: \$5.2 million for corn; \$1.1 million for peanuts; \$722,000 for rice; \$2.3 million for tobacco; \$11.7 million for cotton; and \$5.8 million for wheat. In addition, all of the other research work of the Department and the Colleges is of benefit to these commodities in varying degrees.

The above-mentioned report discusses a number of other matters relative to agricultural research in America, including the Committee's belief that the cooperative programs carried on with the Land-Grant Colleges is the backbone of agricultural research and that American agriculture would not be in business today were it not for the benefits of the research program; that the laboratory approach to pressing research problems results in lags; and other matters. The Committee reported that the most urgent needs for additional research in the future should be met as follows:

1. By merging them into present research work at existing locations with existing funds and existing personnel.
2. By contract or grant to an established research organization with qualified personnel already available.

3. By expanding cooperative research programs with Land-Grant Colleges and other research institutions and organizations, with some arrangement for matching contributions.
4. By enlarging research activities at existing establishments as may be required, but only after the above approaches have been determined to be impracticable.

Knoblauch stated that the Appropriations Bill mentioned provides authority for the transfer of up to \$5 million from the Commodity Credit Corporation to be used for research by contracts and grants; to reduce production costs and increase consumption, and thereby lessen the necessity for the corporation to invest in and take title to large quantities of agricultural commodities.

Knoblauch next discussed the problem of determining needs for Federal laboratories in relation to needs that can be met by regional or state laboratories. He suggested that Price discuss this area. Price expressed concern that expansion of Federal facilities will result in many being located off campus where their researches cannot be readily observed and used in the training of graduate students and staff of the colleges.

Knoblauch mentioned the report of the President's Science Advisory Committee relative to the use of pesticides and other chemicals. The Committee recommended expanded research into possible long-range environmental research, new methods of biological control and tightening of registration and regulatory procedures. The Secretary of Agriculture has instructed agencies of the Department to review this report and to decide appropriate legislative and administrative measures to implement the recommendations relative to Agriculture.

Knoblauch described Administrative Memorandum 110.3 which describes ARS policy regarding cooperation on regional research. Directors were provided a copy of this memorandum. He also discussed ARS policies on assignment of ARS employees to part-time teaching activities in Land-Grant Colleges.

Knoblauch reported that CSESS and OMS will sponsor a workshop for business officers and administrative assistants September 23-25, 1963, and another for Directors October 9-11, 1963. He also mentioned that the Agricultural Science Review Journal will have an Editorial Board composed of Horsfall, Thorne, Rodenhiser, Harper, Schleusener and Splitter; Mr. Ward Kronkle will be the Editor.

Regional
Research
Activities

Farris reported that the Manual of Procedures for Regional Research had been delayed but that it will be released soon. A memorandum describing some interim procedures was mentioned. He suggested that other matters relative to regional research be delayed until the report of the Regional Research Committee is given.

ESCOP

Price discussed various matters considered by ESCOP in recent meetings. One of these was the question of structure and terms of office for ESCOP and Legislative Subcommittee members. He also commented upon authorization to the Legislative Subcommittee to develop areas for research emphasis and other proposals for review by State Directors. He commented upon the difficulties encountered by Agricultural Experiment Stations in gaining favorable acceptance of their programs, but expressed optimism that certain areas now under consideration would be supported by Congress and industry groups. The study of agricultural curricula and administration which is being conducted by Dr. Charles E. Kellogg, formerly of the Soil Conservation Service, under grant from the Carnegie Foundation was also discussed.

Legislative Subcommittee

Buchanan stated that the Legislative Subcommittee reported to ESCOP upon the four possible approaches to problems of gaining support for experiment stations' programs of research that were presented to Directors in March. ESCOP, in turn, asked the Legislative Subcommittee to develop a five-year program and to exchange information relative to this program with ECOP. It is expected that once the program is developed, information will be provided to commodity organizations also.

Programs for the future include requests for covering increased costs and for emphasizing initially two areas of research decided upon by the Legislative Subcommittee. These, in general language, were pesticidal and biological control, and resource development.

The Legislative Subcommittee also asked the Committee of Nine to suggest what areas might be emphasized with CRF-RRF portions of any fund increases received. The above two areas represent those for which the Legislative Subcommittee proposes that any additional Hatch funds be used. Buchanan noted that the areas chosen by the Committee of Nine would not necessarily have to be the same as those emphasized for funds to the individual stations. Knoblauch pointed out that the total program was usually emphasized by Congress, not just the formula portion or RRF portion as such.

Buchanan moved, Wheeler seconded, that Western Directors express their consensus that emphasis in use of Hatch funds in the first year of a five-year program would be concentrated on pesticides and biological control, and resource development.
Passed.

Buchanan then commented upon Bills presented in Congress relative to humane treatment of experimental animals. Some of these Bills place unnecessarily severe limitations on experiments conducted by the stations and Directors have expressed their concern about certain features in the past. However, it was noted that Directors may have to express their views again, and that such views must be specific to the Bill, or Bills, under study.

At a later time, consideration of potential increases in appropriations for immediate use by the stations was discussed. There were views expressed that any increases received should be devoted exclusively to major problem areas of national concern, particularly those relative to pesticides.

Committee of
Nine

Rosenberg reported that the Committee of Nine had considered the request of the Legislative Subcommittee relative to use of CRF and RRF increments in future years. The Committee determined several areas which could benefit from emphasis and asked the regional members of the Committee to review these with their regional associations and to obtain recommendations from the regions concerning areas which should receive emphasis. Areas named by the Committee of Nine were:

1. Food and Nutrition, including quality and consumer acceptability.
2. Pesticide Residues, including those on food.
3. Production efficiency and marketing.
4. Water management and use.
5. Air and water pollutants.
6. Radionucleides.

Rosenberg noted that area 1 was of interest because of the world shortage of food and the needed increases in production of protein foods. He further noted that all four regions are studying questions of this nature and that a nation-wide team approach would seem to reflect possibilities for additional benefits. Directors noted, however, that this area has not been favorably received in the past. National interest was judged to be in consumer protection and agricultural adjustment problems.

For area 2, on Pesticidal Residues, there are five limited regional projects and a new interregional project which will make use of the information developed in the regional projects in gaining needed clearances for minor uses of chemicals. Knoblauch commented that national interest is not limited to pesticides alone but to the whole range of agricultural chemicals. He stated that 43 or more stations are now active, or are capable to do research, in the broad area. He asked if better results could be obtained through concentration of these efforts at fewer stations.

Rosenberg also commented that production efficiency and marketing is now coordinated to some degree under regional research programs, even though non-Federal funds account for much of the support for these research projects. Nonetheless, numerous persons recognize that the growth of national entities, common markets, and other expanding units of common interest increase

the need for information on these matters. Ability to compete in world markets may well be the only justification needed for further production efficiency studies.

In discussion, Thorne noted that water pollutants, included in area 5, could be combined with area 4 on water management and use. Peterson suggested that selection of area 4 as one of two areas to be emphasized might appear to conflict with the intent of the Anderson Act which establishes centers for water research in each of the states. However, it was suggested that much of the research under that Act might be devoted to questions of water development, purity, use, etc., for domestic and industrial purposes, leaving problems of water for agriculture for experiment stations to attack.

Following numerous comments relative to the merits of other areas, Price moved, Rosenberg seconded, that the general area of pesticidal residues be selected as the first area to be emphasized and that a committee be appointed to recommend what other elements should be included in this area. Passed.

Rosenberg moved, Wheeler seconded, that the area of second priority for emphasis be water management and pollution control, subject to committee recommendation of phases to be encompassed. Passed.

The Chairman appointed Rosenberg, Thorne and Linsley to recommend what elements or phases each of these areas should encompass. At a later session, Rosenberg recommended the following titles:

1. Biological Control of Pests, Agricultural Toxicology, and Chemical Residue Research.
2. Water Resource Development, Conservation, Management, Demand and Pollutant Control.

Rosenberg moved, Linsley seconded, that Western Directors express their consensus that these titles convey their wishes on areas for emphasis in CRF and RRF research programs in the immediate future. Passed.

Rosenberg reported that the Committee of Nine had, at its meeting June 11-14, approved Clearances of Chemicals for Minor Uses on Agricultural Commodities as a Public Service as IR-4. This project lists W-45 and the other four regional projects on pesticidal residues as participating projects, IR-4 budget of \$25,000 in 1963-64 provides for a project leader, secretarial and clerical help, travel and materials and supplies. The project was approved for the period 7/1/63 through 6/30/67. He also reported that W-56 revision, The Interrelation of Nematodes and other Pathogens in Plant Disease Complexes, was approved through 6/30/68.

Rosenberg noted that in the event appropriations in 1963-64 are one million dollars greater than in 1962-63, \$51,205 of the CRF reserve fund will be released to the Western Region for use on pesticidal residue research, or on a higher priority research undertaking as determined by Western Directors.

Peterson stated that it seemed inconsistent to him for the Committee of Nine to release funds to the regions from the Central Research Fund and then to dictate the use of these funds at the regional level. He stated that if the problem of pesticidal residues was to be attacked in all four regions by direction of the Committee of Nine, a CRF project would seem to be the more logical system for achieving concentrated attack.

WAERC

Asleson reported that Huffman, Administrative Adviser to WAERC, had requested that Directors discuss the role that WAERC should play in the future. WAERC reviewed this question at its January 1963 meeting and will again consider it at its July 1963 meeting. It was suggested that further discussion be delayed until the subject of the proposed Memorandum of Agreement, providing for dues to the Western Directors Association, was discussed. It was felt that this would be interrelated with WAERC.

RRC Report

REPORT OF THE COMMITTEE ON REGIONAL RESEARCH

to

THE WESTERN DIRECTORS
Fort Collins, Colorado
June 19-21, 1963

The following were present at the June 16 and following meetings of the Regional Research Committee at Fort Collins, Colorado:

J. A. Asleson
N. W. Hilston
R. E. Ely
D. W. Bohmont
N. F. Farris
J. O. Gerald, Recording Secretary

A. PROPOSALS FOR REVISION, REPLACEMENT, ETC.

WSWRC Proposals - RRC reviewed its recommendations relative to W-51, W-65, W-66, W-67, W-68, W-73, Water Quality and Clay Mineralogy research proposals made at the March 1963 meeting, and examined results of the survey conducted recently by the Administrative Adviser to WSWRC showing interests of the several stations in participating in these various projects. Also, the critical review submitted for W-73 was studied. RRC wishes the advisers to call attention of the technical committees to the remarks regarding each proposal included in the March Minutes. RRC recommends that project outline preparation for W-51, W-65, W-66, W-67, W-68, and W- , Water Quality, be authorized,

and that Thorne be appointed Administrative Adviser to W- , Water Quality, to organize a technical committee to plan this project.

[Asleson moved, Hilston seconded, adoption of the RRC recommendations. Thorne stated that 3 or 4 states would be capable of making real contributions in the area of Clay Mineralogy, and that perhaps the proposal of the Clay Mineralogy Workgroup should be authorized so that this work would be planned cooperatively and coordinated.

[The problem of fewer regional projects, wider participation vs. more regional projects, concentrated participation was discussed. Rosenberg cited three criteria which should be applicable in such decisions. These were need for the work in two or more states, two or more states interested in cooperating in planning and perhaps conducting the research, and availability of funds for effective conduct of the work. Price added that need for technical workers to standardize methods and discuss problems should also be a criterion.

[Thorne moved, Henderson seconded, that the motion be amended to authorize project outline preparation for W-51, W-65, W-66, W-67, W-68, W- , Water Quality, and W- , Clay Mineralogy proposals from WSWRC. Passed. Main motion passed.

[Thorne moved, Kraus seconded, that Asleson be appointed to organize and advise a committee for the Clay Mineralogy research proposal and that Western Directors anticipate having him to advise other projects in this area in the future. Passed.]

W-12, Root Rot Resistance in Bean. RRC notes that the proposed revision of this project, which has now been active for about nine years, involves cross-disciplinary research in that both geneticists and pathologists could cooperate in the study. RRC recommends authorization for the committee to revise the project, but suggests that the committee use the results of the past project as a starting point for the revision.

[Asleson moved, Ely seconded, approval. Passed.]

W-46, The Effects of Environmental Stresses on Range Cattle and Sheep Production. This committee proposes to narrow the scope of this project to stresses from climatic factors. The committee should also strive to measure as many common components of stress as seems feasible. RRC recommends authorization for the committee to revise the project.

[Asleson moved, Price seconded, approval. Passed.]

W-60, The Effectiveness of Methods of Home Laundering Upon the Retention of Whiteness and Upon the Strength of Selected Cotton Fabrics Made from Western Grown Cotton. This committee proposes to standardize materials, detergents, temperatures, and measurements of whiteness and strength over all contributing researches. Equipment and materials required for the study are already available, and the only costs will be those of water, other utilities, and labor. RRC recommends authorization for this revision to be made.

/Asleson moved, Rosenberg seconded, approval. Passed.

W-63, Interaction of Temperature with other Factors on the Response of Canada Thistle to Herbicides. This is a methodological study proposal which will use common strains of Canada Thistle as a tool. The project will also attack a problem weed common to 11 Western States. RRC recommends authorization for the revision as proposed.

/Asleson moved, Kraus seconded, approval. Passed.

W-64, Fruit Viruses. Proposal for revision was received. RRC recommends authorization for this project revision.

/Asleson moved, Kraus seconded, approval. Passed.

W-69, Thermal and Visual Aspects of Houses in the Solar Environment of the Western Region. This proposal is in essence a continuation of the current project which is not yet completed. RRC suggests that the objectives stress solar environment and that cross-disciplinary aspects of the current project be retained in the revision. Authorization to revise is recommended by RRC.

/Asleson moved, Leyendecker seconded, approval. Following discussion of progress of the project currently underway; of the proposal of Home Economics Research Administrators to review areas in most need of research; and other matters, the motion failed to pass.

/Peterson moved, Buchanan seconded, that the W-69 project be extended for completion of work now underway to 6/30/65 as a terminal date. Passed.

RRC calls to the attention of advisers that revision or replacement proposals for the following projects, due to terminate 6/30/64, still are not in hand: W-70 (Huffman); W-75 (Wheeler); WM-16 (Boyce); WM-20 (Asleson); WM-39 (Buchanan); WM-40 (Buchanan); and WM-43 (Henderson). If revisions or replacements are intended to be requested, proposals must reach RRC prior to the November meeting. Requests for extension must be in no later than the Spring 1964 meeting.

There was discussion of the value of the summary proposals for revisions and new projects. Asleson commented that RRC needs the administrative advisers' objective recommendations on both proposals and outlines. The problem was considered to be that of finding grounds for rejection of a project once authorization to prepare the outline had been granted. Further consideration of such procedures will be given by RRC.

Administrative Advisers were reminded that they should inform all Directors of the nature of proposed revisions of projects, and invite all states to send representatives to meetings of technical committees when revised outlines are to be prepared.

B. STATE PARTICIPATION IN REGIONAL RESEARCH IN 1963-64.

RRC believes that administrative advisers and others have need for information concerning participation by states in regional projects in 1963-64. Also, information on the extent of total support for contributing research would be useful. Consequently, RRC asked Directors to forward information to the Recording Secretary on 1963-64 funding plans which will be summarized for inclusion in the minutes of this meeting.

This information is attached at the end of these Minutes.

C. CRF RESERVE FUNDS RELEASED TO THE REGION FOR 1963-64.

RRC reviewed the manner in which the \$51,205 released to the West from the CRF reserve fund might be handled in 1963-64. These funds will be available for use on pesticide residue research if appropriations in 1963-64 are \$1.0m. greater than in 1962-63. RRC recommends that these funds be established as a supplementary budget for the W-45 project, subject to administrative adviser recommendations as to allotments.

Asleson moved, Peterson seconded, approval. Passed.

D. MEETING ADDITIONAL MARKETING REQUIREMENTS IN 1963-64.

If 1963-64 appropriations should be \$1.0m. greater than in 1962-63, marketing requirements which must be met out of state total allotments of RRF will be increased by \$12,622 over the no increase requirements, yet no new funds for meeting these added requirements will come to the region. Rather than forcing each and every state to amend their planned programs of regional research for 1963-64 to meet these added requirements, RRC recommends that \$12,622 of the contingency reserve fund be allocated among the states for meeting these requirements. These \$12,622 would be recommended for allotment under procedures adopted in March for

state total allotments of RRF, and each state would be expected to allot all of their increments from this source to marketing projects. State increments and targets are shown in the following table:

RRF Marketing Targets and State Total Allotments for 1963-64

State	No Increase Level		Increment	\$1.0m. Increase Level	
(1)	Target	Total Allotment	From Reserve	Target	Total Allotment
(1)	(2)	(3)	(4)	(5)	(6)
Arizona	\$ 31,550	\$ 140,285	\$ 989	\$ 32,539	\$ 141,274
California	56,450	231,802	1,839	58,289	233,641
Colorado	45,050	188,585	1,482	46,532	190,067
Hawaii	12,700	64,552	474	13,174	65,026
Idaho	29,700	113,294	905	30,605	114,199
Montana	23,700	123,300	1,050	24,750	124,350
Nevada	10,200	68,557	538	10,738	69,095
New Mexico	19,050	74,161	629	19,679	74,790
Oregon	42,750	186,400	1,413	44,163	187,813
Utah	13,900	134,328	1,102	15,002	135,430
Washington	49,050	155,639	1,280	50,330	156,919
Wyoming	15,600	104,657	921	16,521	105,578
TOTAL	\$349,700	\$1,585,560	\$12,622	\$362,322	\$1,598,182

[Asleson moved, Rosenberg seconded, adoption. Passed.]

E. P & C FUNDS FOR 1963-64

The above recommendation on using \$12,622 of the contingency reserve fund to meet marketing requirements results in only \$175 being unallocated for 1963-64. In view of the assignment of Wilson at the March meeting to be administrative advisor to W-6, which involves an interregional trip without adjustment of the New Mexico P&C fund to cover this, RRC recommends that the \$175 be added to the New Mexico P&C fund for 1963-64. This recommendation exhausts the unallocated reserve established at the March 1963 meeting, and any shortages of P&C funds or other needs arising in 1963-64 which have not been foreseen will have to be paid out of state total allotments of RRF, Hatch, or other funds available at the station where the need arises. RRC believes

such needs will be minor and that allowance for them within station budgets is preferable to a complete replanning of the RRF program of research for 1963-64 which would be necessary if the contingency reserve were retained at the regional level.

For information of Directors, the following is a revision of Table 5, p. 36, of the March 1963 Minutes:

	1962-63	1963-64 Recommended Allocations	
	Allotments	No Increase	\$1.0m. Increase
Regional facilities	\$ 65,615	\$ 50,115	\$ 50,115
Contributing research	1,565,560	1,585,560	1,598,182
Marketing	(349,700)	(349,700)	(362,322)
Other	(1,215,860)	(1,235,860)	(1,235,860)
Admin. Project	86,842	71,995	72,170
W-45 supplement	0	0	51,205
Contingency reserve	<u>0</u>	<u>12,797</u>	<u>0</u>
	\$1,718,017	\$1,720,467	\$1,771,672

Asleson moved, Leyendecker seconded, approval. Passed.

F. ADMINISTRATIVE ADVISER ASSIGNMENTS FOR 1963-64

RRC recommends the following changes in administrative adviser assignments for 1963-64:

W-6 , New Plants	From Peterson to Wilson
W-25, Rangeland Improvement	From Bohmont to Hervey
W-38, Fungus Root Diseases	From Adams to Hervey
W-49, Cattle Breeding Failures	From Hilston to Oxley
W-61, Sheep Breeding	From Adams to Oxley
W- , Water Quality	New, to Thorne
W- , Clay Mineralogy	New, to Asleson

All other assignments remain unchanged from 1962-63. (See table at end of Minutes.)

Asleson moved, Leyendecker seconded, approval. Passed.

Thorne moved, Wheeler seconded, that Western Directors express their appreciation for the excellent work done by RRC. Passed unanimously, with applause.

Dues for
WAAESD

Price reported on the two approaches which have been suggested for achieving the objectives of WAAESD. One of these involved a Memorandum of Agreement among the twelve stations which would establish an association having general purposes to promote. The second approach was to establish a Memorandum of Agreement which specifies exactly the objectives to be accomplished.

The purposes, procedures, and other items included in these proposals are as follows:

General Agreement Proposal
/as revised from discussions/

PURPOSE: This memorandum between the State Agricultural Experiment Stations named above is developed for the purpose of facilitating, strengthening, and integrating research and administrative relationships among the several Stations; of providing the funds necessary for financing undertakings of common interest to the Stations; and, in general, of fostering cooperation and coordination of activities accruing benefits to all Stations.

More specifically, the purpose is to focus and integrate the efforts of the cooperating agencies upon those problems of an interstate or regional character which are of greatest immediate or long time importance to the several Stations. These include the delineation, authorization and administration of a broad program of interstate cooperative research on the agricultural and rural problems of the West and the Nation; the provision of channels for exchange of information among the Stations concerning problems needing study and of the results of scientific research completed at the several Stations; and provision of information by the Stations to individuals, farm and industry organizations and various executive and legislative groups at the National level that may request and/or have need for knowledge of the performance, programs and potentials of the Stations as a collective unit.

This agreement will not, in any respect, serve to diminish the legal and public responsibilities each Station must bear; hamper the performance of any tasks the individual Stations must perform in meeting these responsibilities; or diminish responsibilities of the Agricultural Experiment Stations of the West to the Experiment Station Section of the Association of State Universities and Land Grant Colleges, the Committee of Nine, and the Cooperative State Experiment Station Service of the U. S. Department of Agriculture.

PROCEDURES: 1. The procedures for delineating, authorizing, and administering a program of interstate cooperative research, financed in whole or in part with Regional

Research Funds, shall be those promulgated and published by the Cooperative State Experiment Station Service of the United States Department of Agriculture, as modified, amended or revised by appropriate actions of the Western Agricultural Experiment Stations. In particular, the provisions of the Western RRF Administrative Project, Planning and Coordination of Cooperative Regional Research, will be in effect.

2. Procedures for accomplishment of other purposes of this agreement including the planning and coordination of related research programs, of cooperating agencies shall be decided by majority vote of the cooperators.

**FINANCIAL
ARRANGEMENTS:**

The RRF Administrative Project, referred to above, provides regional research funds for travel of technical personnel of the Stations in planning and coordination of approved regional research projects and for reimbursement of the expenses of a Recording Secretary for the cooperators. The cooperating state experiment stations will provide funds from nonfederal sources for the payment of travel and other activities for purposes approved by the cooperators; and for purchase of any supplies or services necessary for the accomplishment of such approved purposes of the cooperators.

Nonfederal funds required for the support of activities approved under this agreement shall be contributed by the cooperating stations in a manner which may be agreed upon. For 196 - 196 , the contribution of each station will be as follows:

<u>State</u>	<u>Payment</u>
Arizona	\$
California	\$
etc.	etc.

The _____ Station shall receive contributions, keep records of the transactions and disburse funds upon receipt of properly approved bills.

DURATION: This Agreement shall continue in force as long as the relationships provided for are mutually satisfactory and funds are available for the support of the activities. Any party to this Agreement may withdraw therefrom at any time by giving written notice to the other parties. Such withdrawal will not affect the rights and responsibilities of the withdrawing station with respect to activities assigned to the cooperating agencies by the Experiment Station Section, ASU&LGC; the Committee of Nine; or the CSESS, USDA.

Specific Agreement Proposal
[as revised from discussions]

This memorandum of understanding among the Western State Agricultural Experiment Stations is developed for the purpose of making it possible for each state to contribute nonfederal funds to a trust fund account. Such funds are to be used for reimbursing the travel expenses of the ESCOP committee and its Legislative Subcommittee members for travel.

Nonfederal funds required for the support of the above shall be contributed by the cooperating stations. For 196_-196_, the contribution of each station will be as follows:

State	Payment
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The _____ Station shall receive these contributions, keep records of the transactions and disburse the funds upon receipt of properly approved billings.

This memorandum will continue in force until terminated by mutual consent of the cooperating parties. Any party may withdraw at the end of any fiscal year by giving written notice to the other parties.

Peterson suggested that still a third possibility would be to develop a project for the planning of non-federally financed research activities of the twelve stations. Knoblauch cautioned against too-strict separation of support for planning researches and other activities among source of support. They are interrelated. The character of WAERC as an overall research planning organization and the agreement under which it finances secretarial services was noted.

Following discussion of pros and cons of the several possible approaches, Rosenberg moved, Thorne seconded, that this committee composed of Price (Chairman) and Buchanan be continued, with Peterson as a newly appointed member, to review the interrelationships of the WAERC agreement and the proposed WAESD agreements, and of WAERC Secretary and Recording Secretary functions, and to make recommendations at the November 1963 meeting. It was suggested that the material accumulated by the former committee studying these questions be forwarded to this committee. Members of the former committee were Myers, Chairman; Frevort and Thorne. Passed.

Publication of
Regional Bench-
mark Soil Maps

Thorne reported on the findings of the soil survey workgroup relative to the publication of a regional soil association map of the Western United States. Thorne moved, Ely seconded, that, excluding Hawaii,

1. Washington State University act as editor, contracting agent, and repository for distribution of maps and reports to sources outside the individual states.

2. Each state to receive 550 copies of the report and map and to pay for an additional 50 to be deposited at Washington State University.

3. Cost of manuscript publication is estimated at \$3,000 for 6,600 copies on 8½ by 11 inch paper with double 3-inch column printing and saddle stitch binding. Washington State University will be the printer.

Maps: 6,600 copies folded for reports and 550 separate unfolded maps. Total cost is \$3,800. Maps will be contracted through the Washington State Printers, Olympia, Washington.

Total cost of maps and reports is about \$6,800 or \$625 for each state. Purchase orders can be issued for the publication to Washington State University.

4. The final publication will be an 8½ by 11 inch pamphlet with a folded map attached in an envelope. In addition, each state will receive 50 separate unfolded maps.

5. Schedule: manuscript and map to be delivered to printers by December, 1963. Publication will be distributed by March, 1964.

Passed.

Publication of
Regional Report
from W-1 Com-
mittee

Price reported that the W-1 technical committee had arranged to publish a popularized regional report at the Oregon Station. Oregon has surveyed all stations to determine numbers of copies desired, but to date only a few states have responded. He agreed to supply certain information to all states relative to the publication after which Oregon will expect orders promptly.

Frevert reported that a representative from Arizona to W-1 had developed a bibliography on animal nutrition. The technical committee had suggested \$680 be allocated for the publication. Costs of publication far exceed this. Consequently, the report will not be forthcoming.

Peterson moved, Wheeler seconded, that the state funds set aside for this purpose be used by the Arizona Station for general purposes of W-1. Passed.

Farris reported at this point that the Committee of Nine had reviewed the Hawaii contribution to W-1 during its recent meeting in Hawaii. He stated, "the modesty of the Hawaii Director has resulted in lack of information to Directors concerning the high quality of the work underway."

Provision of
Facilities
From RRF

Price commented concerning the possibility for financing of research facilities from the Regional Research Fund, Director Muckenhirn of the Wisconsin Station has pointed out that regional

research has made notable progress in developing coordination and cooperation among states and the U. S. Department of Agriculture. He pointed out, however, that it has not provided for the construction of needed regional laboratories which would supplement and extend state and federal facilities and capitalize on the inherent strength of the state stations in certain scientific fields. Director Muckenhirn believes that regional laboratories would dramatize the purposes and benefits of regional research. They would consolidate and coordinate efforts, accelerate scientific progress and attract additional financial support. Director Muckenhirn proposes that the Experiment Station Directors and the Committee of Nine, with the help of Central Research Funds and Regional Research Funds, establish regional laboratories at Land-Grant Colleges for research in specific subjects or fields. The object of this would be the construction in each region of a research laboratory or laboratories costing one million dollars or more each and devoted to timely and important research significant to the public health and welfare.

Knoblauch noted that the Committee of Nine had reviewed this situation several years ago. They found that some Regional Research Funds had been used to establish research facilities but that it was not an extensive practice. It was noted that this would constitute a constructive move which might obviate the necessity of scattering federal facilities throughout the country, many of which would be located off campus. Such off-campus facilities have been referred to as using scientists, rather than training scientists. Buchanan noted also that this proposal ties in well with the philosophy of concentration of research emphasized by various groups. No request for action on this matter was made.

1964
Collaborators
Conference

Stitt of the Western Utilization Research and Development Division, Albany, California, described possible topics for the Collaborators Conference scheduled for early 1964. Two of these topics were those defeated for the 1963 Conference.

1. Improved Fabrics from Natural Fibers; and
2. Chemistry of Color Changes Encountered in Foods.

A third topic, Advances in Food Processing Methods, was also suggested. These three topics were submitted to balloting to determine Directors' preferences. Advances in Food Processing Methods was selected as first choice of Directors and Improved Fabrics from Natural Fibers as second choice.

Peterson was appointed to represent Directors at the 1964 Conference and he was authorized to appoint a member of his staff to participate with the Laboratory personnel in developing the program for the Conference.

Several Directors expressed a desire to attend this Conference and the dates of March 2-3, 1964, were selected as dates preferred by Directors for the Conference. Stitt assured Directors that all efforts would be made to make the dates coincide with those preferred.

Request for
Annual Meetings
of Home Economics
Research
Administrators

Frevert reviewed a letter he received from the Chairman of Western Home Economics Research Administrators requesting authorization for an annual meeting in the West on a recurring basis. The request specifically excluded the Land-Grant Association meetings as a feasible time.

In discussion, several Directors noted that the need for some meetings is evident; however, they questioned if annual meetings would be necessary. Discussion also emphasized the extent to which concentration of Home Economics research into rather specific areas within states has progressed. Ten states in the West now have only one major line of Home Economics research. Among these ten, the lines are diverse. It was pointed out that such conditions argue against planning of research activities by a regional group as such. Plans must be drawn by intrastate groups under such arrangements.

It was suggested that fruitful exchange of views between Directors and Home Economics Research Administrators might be increased if several Directors were to meet with the group. Kraus moved, Henderson seconded, that Home Economics Research Administrators in the West be authorized to meet before the Spring meeting of Western Directors in 1964 and that three Directors be appointed to meet with them. Passed.

Question of representation from Western Directors was raised. Kraus moved, Rosenberg seconded, that Chairman of Western Directors, Chairman of the Western Regional Research Committee, and the senior member of the Committee of Nine from the West be appointed to meet with the group. Passed.

Nominations for
1963 Elections

Kraus, Chairman of the Nominating Committee (Kraus, Myers, and Boyce) placed the following names in nomination:

Chairman, Western Directors	- M. T. Buchanan (1 yr. term)
Vice Chairman, " "	- R. K. Frevert (1 yr. term)
Secretary, " "	- E. G. Linsley (1 yr. term)
Regional Research Committee	- P. J. Leyendecker (3 yr. term)
Alternate, Reg. Res. Com.	- R. W. Henderson (1 yr. term)
Committee of Nine	- J. A. Asleson (3 yr. term)
Alternate, Com. of Nine	- D. W. Bohmont (1 yr. term)
ESCOP	- M. L. Peterson (full term)
ESCOP	- F. E. Price (1 yr. term replacing M. T. Buchanan who is serving 1963 of R. E. Huffman's term)
Legislative Subcommittee	- M. L. Peterson (full term)

Rosenberg moved, Kraus seconded, that the nominations be closed and that a unanimous ballot for this slate of nominees be cast. Passed.

Initiation of
New Members

Buchanan spoke of the generosity and hospitality accorded Directors by the Colorado Station personnel. This hospitality extended to that of providing a person seeking admittance to the Association. Buchanan suggested that the Associate Director Designate of the Colorado Station, Donald F. Hervey, should demonstrate that he is capable of carrying on the tradition of hospitality and generosity exemplified here. Following an exhibition which left no doubt in Directors' minds of Hervey's willingness to sacrifice his personal well-being to the "Fire God" of the Directors, Buchanan moved, someone seconded, that he be admitted to this company. It was so done.

Meeting for
November 1963

Frevert asked if there was interest in meeting at the time of the Land-Grant Meetings in November. The consensus of Directors was that there likely would be business to conduct and that it should be conducted properly. Consequently, it is anticipated that any meeting of Western Directors at the time of Land-Grant will be scheduled by the Chairman consecutively with Land-Grant meetings, rather than concurrently.

Non-Agenda
Items of
Interest to
Western
Directors

Directors assigned priorities to non-agenda items which are to be taken up at future meetings as time permits. These items in order of priority are listed below for the record. Item No. 3 of this list was discussed briefly.

	<u>Rating of "Non-Agenda" Items</u>	<u>Rating</u>
1. Further discussion of regional research, CRF, etc.		6.0
2. Continued discussion of areas for concentration of research		6.1
3. Relationships of Experiment Station Directors to University Directors of Research		6.7
4. Plans of the states for "water resource centers"		7.0
5. Projected use of forestry funds		7.4
6. Rigidity of Experiment Station Programs		7.5
7. Handling of grant funds and integration of grant and budgeted programs		7.5
8. Administration of McIntire-Stennis legislation in the various states		7.7
9. Internal system of program evaluation		8.1
10. Means of coordinating water research in the various states		8.2
11. Attitudes of the various directors toward the growing number of centers, institutes, etc., for conducting research in certain fields		8.3
12. Legal and Administrative limitations to accomplishing Station objectives		10.5

13. Desirability of shifting research emphasis to include more on side effects and secondary effects of chemicals used for insect and disease control 10.6
14. Current travel policy on science meetings 11.3
15. More appropriate name for our organization than the Agricultural Experiment Station 11.5
16. Establishing time division between teaching and research 11.5
17. Continuation of reports of actions of state legislatures 11.6

Dates of Spring
1964 Meeting

At the request of several Directors, the question of dates for the Spring 1964 meeting of Western Directors in Hawaii was discussed. Expression of views by Directors indicated that the meeting should be scheduled for the period March 5-8, 1964. By consensus, the meeting will be on these dates.

Policy on
Technical Com-
mittee Meetings
in Hawaii

Question was raised as to Western Directors' policy on authorizing technical committee meetings in Hawaii. Discussions and actions on this matter at the July 1961 meeting /July 1961 Minutes, pages 10-11/ were reviewed. Consensus of Directors was that the 1961 position was still valid, and no further action at this time was deemed necessary.

Western
Region Repre-
sentatives to
IR-4

Kraus presented a request from Director Starnes of New Jersey that an Administrative Adviser and a technical representative be named to IR-4, Chemical Clearances. Asleson moved, Kraus seconded, that A. M. Boyce, University of California, Riverside, be named as Administrative Adviser from the Western Region and that V. H. Freed, Oregon State University, be appointed as the technical representative for the Western Region. Passed.

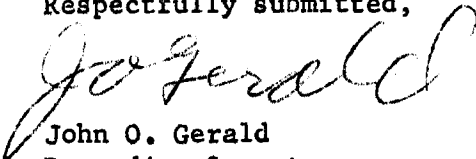
Appreciations
to Host
Directors

Ely moved, Thorne seconded, that Western Directors express their sincere appreciations to Wheeler, Bohmont, Hervey, Hamilton, and Watt, for the services provided and the hospitality extended, and that they be asked to convey the appreciation of the group for the use of the facilities and the excellent arrangements to Dr. W. E. Morgan, President of Colorado State University and to others assisting in providing these facilities. Passed by acclamation.

Adjournment

The meeting adjourned.

Respectfully submitted,


John O. Gerald
Recording Secretary

ADMINISTRATIVE ADVISERS
WESTERN REGIONAL PROJECTS
FOR 1963-64

1963-64 Adviser

W-1	Beef Cattle Breeding	Wheeler
W-5	Poultry Diseases	Rasmussen
W-6	New Plants	Wilson
W-7	Turkey Breeding	Rosenberg
W-12	Bean Breeding	Ensign
W-16	Range Economics	Leyendecker
W-24	Cotton Mechanization	Frevert
W-25	Rangeland Improvement	Hervey
W-27	Sheep Vibriosis	Pritchard
W-31	Soil Nitrogen	Myers
W-34	Range Livestock Nutrition	Hilston
W-35	Ruminant Parasites	Pritchard
W-37	Rangeland Grasshoppers	Linsley
W-38	Fungus Root Diseases	Hervey
W-39	Fluorine Effects	Price
W-40	Breeding Forage Plants	Ensign
W-41	Urinary Calculi	Pritchard
W-44	Cholesterol Metabolism	Wheeler
W-45	Pesticide Residues	Boyce
W-46	Stresses, Cattle and Sheep	Ely
W-48	Weather and Crops	Asleson
W-49	Cattle Breeding Failures	Oxley
W-50	Stresses and Performance-Hens	Rosenberg
W-51	Drainage Design	Frevert
W-52	Biochemistry, Herbicidal Action	Rasmussen
W-54	Adjusting Farming	Asleson
W-56	Nematodes and Root Diseases	Asleson
W-57	Amino Acid Utilization	Hilston
W-58	Forage Crop Production	Ensign
W-60	Textiles	Bohmont
W-61	Sheep Breeding	Oxley
W-63	Weed Control	Bohmont
W-64	Fruit Viruses	Kraus
W-65	Irrigation Hydraulics	Frevert
W-66	Soil Structures	Thorne
W-67	Soil-Plant-Water Relationships	Thorne
W-68	Soil Moisture Movement	Thorne
W-69	Housing	Rasmussen
W-70	On-Farm Water Use	Huffman
W-71	Tree Seedling Establishment	Vaux
W-72	Forest Insects	Vaux & Linsley
W-73	Water Conservation	Thorne
W-74	Leguminous Forage Insects	Linsley
W-75	Water Resource Management	Wheeler
W-76	Farm Labor Requirements	Frevert
W-	Water Transfer	Thorne
W-	Water Quality	Thorne
W-	Clay Mineralogy	Asleson

1963-64 Adviser

WM-16	Grain Insect Control	Boyce
WM-20	Hay and Feed	Asleson
WM-26	Consumer Purchases	Alexander
WM-33	Meat Quality	Alexander
WM-35	Seed Marketing	Henderson
WM-38	Cooperatives	Alexander
WM-39	Direct Buying, Livestock	Buchanan
WM-40	Retail Procurement	Buchanan
WM-42	Timber Processors	Henderson
WM-43	Bulk Handling	Henderson
WM-44	Promotion and Utilization	Huffman
WM-46	Milk Market Organization	Ely
WM-47	Fruit and Vegetable Marketing	Alexander
WM-48	Livestock Pricing	Buchanan
WM-49	Cotton Marketing	Leyendecker
WM-50	Plywood Marketing	Henderson
WM-	Integration and Coordination	Alexander

INTERREGIONAL AND CENTRAL RESEARCH

IR-1	Solanum	Kraus
IR-2	Deciduous Tree Fruit Stocks	Kraus
IR-3	National Policies	Huffman
IR-4	Chemical Clearances	Boyce

OTHER

Nonfat Solids Breeding	Buchanan
WAERC	Huffman
WSWRC	Thorne