

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

April 2, 1964

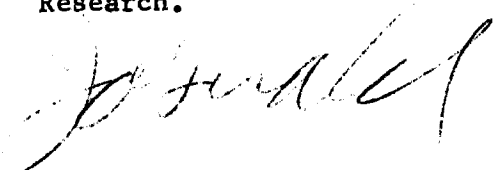
TO : Western Directors  
FROM : John O. Gerald, Recording Secretary  
SUBJECT: Minutes of March 5-8, 1964 Meeting

Attached are Minutes of your recent meeting. Correspondences called for have been taken care of. Items below are listed for your specific attention:

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	4	Comments of CSRS Representative, re tax status of graduate assistants.
	5	Regional Research Activities, changes in RRF allotments, and carryover privileges.
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	19	RRC Report, Item E. 3., Marketing Quotas.
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MINUTES OF  
WESTERN DIRECTORS' MEETING

University of Hawaii, Pacific Room, East-West Center  
Honolulu, Hawaii

March 5-8, 1964

The meeting was called to order at 9 a.m. by Chairman Buchanan. The following were present during all or part of the meeting:

R. K. Frevert	Arizona
C. F. Kelly	California
M. L. Peterson	California
S. S. Wheeler	Colorado
T. H. Hamilton	Hawaii
M. M. Rosenberg	Hawaii
G. D. Sherman	Hawaii
R. D. Ensign	Idaho
J. A. Asleson	Montana
D. W. Bohmont	Nevada
R. E. Ely	Nevada
P. J. Leyendecker	New Mexico
R. M. Alexander	Oregon
F. E. Price	Oregon
D. W. Thorne	Utah
M. T. Buchanan	Washington
N. W. Hilston	Wyoming
B. F. Beacher	CSRS
H. C. Knoblauch	CSRS

J. O. Gerald                      Recording Secretary

Introductions  
and Welcome

Rosenberg introduced Dr. Thomas H. Hamilton, President, University of Hawaii. Dr. Hamilton welcomed the group to the University, and discussed the nature of the State's economy, its agriculture, the College of Tropical Agriculture and its place in the University, and the history and prospects for the East-West Center of the University. In particular, Dr. Hamilton spoke of the dominant place in the State's economy held by agriculture, and of the place of sugar cane and pineapple in its agriculture. He described in brief the nature of the research ties between these two major agricultural enterprises and the Agricultural Experiment Station. Each of these commodities are characterized by virtually complete integration of production, processing and marketing, and by somewhat concentrated ownership. Each commodity group had established a non-tax supported research organization prior to establishment of the Experiment Station of the University.

Dr. Hamilton invited the group to return to Hawaii often.

Rosenberg announced plans for the meeting.

Resolution of  
Appreciation

Price moved, Leyendecker seconded, adoption of the following resolution:

WHEREAS, Director R. K. Frevert of the University of Arizona has served the Western Association of Experiment Station Directors as Chairman during this past year;

AND WHEREAS, his leadership in handling the affairs of the Association has given us one of our most successful years;

THEREFORE BE IT RESOLVED that we, the Western Directors, express our sincere appreciation for his valuable services to our Association.

The resolution was passed with applause.

Approval of  
November 1963  
Minutes

Ensign moved, Leyendecker seconded, that the Minutes of the November 1963 meeting at Chicago, Illinois, be approved as distributed. Passed.

Comments of CSRS  
Representative

Knoblauch gave a report of 1964 appropriations, and on allowances in the President's budget request for 1965. An additional \$1,500,000 for 1965 has been requested under Hatch, but the \$500,000 allowed since 1946 for Title II was eliminated. He also commented upon a letter of February 6, 1964, to Directors concerning grants on a competitive basis for research having the objective of reducing costs of production for certain basic commodities. He encouraged the Stations to make available some time of scientists of top competence to direct such research. Directors were assured that proposals will be evaluated impartially by the joint AES, ARS, and CSRS panels which have been established, and that stations will be advised promptly of action on the proposals.

Knoblauch called to the attention of Directors that the Western Region exceeded its 1963 marketing research requirement of \$974,911 by only \$67,007. It was pointed out that CSRS expects each state to meet its assigned quota or to make arrangements with another state to carry part of its quota.

Hearings before the House Subcommittee on Appropriations were mentioned. Certain information on Federal grants (non-Hatch) to state stations was presented by CSRS, and seemed to be well received. In this connection, the need for visual materials was mentioned. A request for information concerning facilities plans and needs of the state stations was received from the Committee.

Knoblauch reported on a January 1964 meeting of the Committee on Agricultural Science in New Orleans. The Committee gave general consideration to the Hatch programs of the experiment stations, and then appointed three subcommittees to study certain problem areas. These were:

- 1) Criteria in research - development of a basis for rational decision making in research areas to be supported - R. L. Clodius, Chm., A. G. Norman, R. G. Bressler, Jr., Roy Baines, W. J. Darby.
- 2) The public image of agriculture and agricultural research - A. H. Moseman, Chm., C. E. Bishop, W. C. Bramble, W. G. Kubicek, W. T. S. Thorp.
- 3) Administrative procedures, restraints, paperwork and direction of research - M. M. Kelso, Chm., M. B. Russell, M. E. John, J. K. Loosli, L. D. Newsom.

Knoblauch mentioned that this committee found that the U. S. Department of Agriculture has 3,200 research projects listed with the Scientific Information Exchange (SIE), as contrasted with 13,000 for the state experiment stations. However, he pointed out a number of reasons why state projects are so numerous. He suggested that stations should include only bona-fide research projects. Service and testing work conducted by stations should not be reported. CSRS will strive to identify these in current records and make more meaningful counts.

SIE is of real value in coordination, but only if each record summarizes a single research task, or discrete unit of research. This permits it to be analyzed in depth by research scientists and permits lack of duplication to be achieved. In the past, Knoblauch stated, SIE accepted records in any form as a means of quickly building up a file. Now, however, it is suggested that all submissions be made on the standard Notice of Research Project form.

Knoblauch commented upon the status of reporting experiment station research to R.M.A. advisory committees. Information is currently inadequate and new procedures should be developed. The following was suggested as one possibility:

Previously prepared lengthy reports to advisory committees on State station research by CSRS have been of minimum value in relation to the effort involved. The current one-page report permits a statement that is readily examined but is inadequate for reflecting the nature and dynamic character of State station research programs.

CSRS and the State Experiment Station Directors need to consider ways in which reports by CSRS program review directors, subject matter reports by CSRS staff, regional research station advisory committee reports, State station department self-evaluation reports, etc., could be used to provide a substantial framework for evaluation, coordination and expression of current research needs. Also, the reports could form the basis

for regional evaluation and the establishment of research priorities. They should meet an important need for providing information to R and MA Advisory Committees on State station programs. There would also be opportunity for increased State station participation in preparation of material for reports to Advisory Committees, outstanding items of research progress, and cooperative planning for meeting research needs in a more effective manner.

Joint consideration by the States in a region could be accomplished through a series of regional meetings on the major research areas, once every two years.

The regional meetings would bring together the department heads or technical leaders from the states for the research areas involved, a CSRS program review director and a CSRS subject matter scientist or scientists who could work with the group to facilitate the preparation of a consolidated report for the region. Suggested listing of research areas will be considered later.

An additional step in the proposed plan might involve having each regional group of directors designate one or two representatives in a subject matter area for a national two-day meeting once every two years, to prepare a national statement for the state stations in the subject matter area involved.

The material from the regional evaluations summarized for the four regions should be of special value in connection with reporting outstanding research progress and research needs for budget justification.

Knoblauch mentioned that a new ruling by IRS may permit some assistantships to be exempt from Federal income taxation. The following rules apply: 1) the graduate assistant is required to do the research for a particular degree for which he is a candidate; 2) equivalent research must be required by the university for all candidates for the same degree; and 3) the primary purpose of the graduate assistant's research is the advancement of his training and education.

Knoblauch mentioned several other items of passing interest including, 1) transmittal of Miscellaneous Publication 515 to the printers; 2) status of Water Resources Research Institutes Bill; 3) status of appropriations under Facilities Act (none requested for 1965); and others.

Regional  
Research  
Activities

Beacher mentioned that CSRS had found several examples of regional research activities to be useful in Congressional Hearings. In particular, he stated that regional bulletins were quite helpful. The need for individual scientist

recognition is paramount in university activities, but nonetheless, evidence of team effort is the best evidence available of coordination and jointly planned research.

Beacher mentioned that, although responsibility for proper allocation and use of RRF is now on State Directors, CSRS and Administrative Advisers should be notified of allocations and of changes in these. He also noted that unexpended balances of RRF no longer need be returned to the Treasury; rather, new funds will be reduced to offset carryovers just as is done with Hatch funds. Also, RRF will now be certified biannually rather than annually, and unliquidated obligations will be handled in the same manner as with Hatch. There is a 30-month period within which obligations must be liquidated. He also noted that funds for forestry research under the McEntire-Stennis Act can be carried over, also.

Question was raised concerning support of forestry projects with both Hatch and McEntire-Stennis funds. Directors were advised not to mix different funds in supporting any project.

Legislative  
Subcommittee

Price reported that the Legislative Subcommittee met in January to review plans laid last year. It is meeting again in early April. Major emphasis continues to be on the grave need for research in the area of resources development and pesticidal residues. Some emphasis is being given also to production efficiency.

Price commented that there is no mechanism available for reaching agreement on areas most in need of research and no means for getting commitments from states that areas selected, by Legislative Subcommittee or other groups, will be attacked.

Committee of  
Nine

Asleson reported on the November 1963 meeting of the Committee of Nine. The high unexpended balances of RRF in 1962-63 caused the Committee to ask its Secretary to review procedures on this matter. [Beacher's report of current procedures, above, represents the results of this review.]

The Committee reviewed a report prepared by CSRS for ESMRAC, and raised questions about the adequacy of regional and station research, coordination of this research, etc.

Asleson called attention of Directors to the action of the Committee to release permanently to the regions the funds released in 1963-64 for pesticide research. The amount to the West is \$51,205.

The Committee reviewed the project on Sugar Marketing and Policy, referred to it by the Western Directors. It was felt that present allotment procedures may simplify procedures on interregional cooperation sufficiently to allow this project to be developed as a Western project with out-of-region participation. The Secretary was requested to review procedures under which interregional cooperation can be achieved.



WAERC

Asleson reported for Huffman. With advice of WAERC and consent of California Director, Dr. Varden Fuller of the Giannini Foundation was selected as the West's technical representative to IR-3, National Policies and Programs. He replaces Dr. Sidney Hoos.

WAERC reviewed the need for meetings in excess of once per year. The urgent need at present for developing several new marketing research projects led the Council to decide to continue to meet twice per year, at least until this situation can be alleviated. The Council has taken steps to get development started in several areas.

A proposal to Western Directors that a Rural Sociology Committee be established with authorization to meet annually came to WAERC's attention. However, the Council took no action on the proposal since it was addressed to Western Directors from a committee not organized by, nor under the sponsorship of, WAERC. Asleson reported that Huffman was willing to refer the proposal back to WAERC for counsel and advice if Directors so desired.

WSWRC

Thorne discussed various matters of concern to WSWRC and its workgroups. One of these concerns was the image held outside that experiment stations have done no research on natural resource problems. Thorne suggested that WSWRC might undertake to write some regional publications on several areas, and asked if there was a consensus that such would be desirable. The difficulty of publishing, the pattern in which resources are distributed, and other problems were discussed.

Price moved, Leyendecker seconded, that RRC be asked to develop a recommendation on general policies regarding such regional publications for consideration by Directors. RRC was requested to report in July. Passed.

RRC Report

REPORT OF THE COMMITTEE ON REGIONAL RESEARCH  
to  
THE WESTERN DIRECTORS  
Honolulu, Hawaii  
March 5, 1964

The following were present at the March 2-4, 1964 meeting of the Regional Research Committee at Honolulu, Hawaii:

N. W. Hilston  
R. E. Ely  
P. J. Leyendecker  
B. F. Beacher  
J. O. Gerald, Recording Secretary

A. NEW PROJECT OUTLINES REVIEWED

1. Recommended for activation 7/1/64:

W-78, Selection for Hatchability of Turkey Eggs at Different Altitudes. This project assigns responsibilities to the Colorado, Oregon, and Wyoming Stations for a seven-year period to 6/30/71. This is not a revision of W-7, but is a new project. The outline represents a good regional approach. The critical review of previous work is adequate.

RRC recommends approval for the period 7/1/64-6/30/71, as W-78.

/Hilston moved, Frevert seconded, adoption of the recommendation. Passed./

W-79, Economic Analysis of Range and Ranch Management Decisions on Western Livestock Ranches. This is a new project. It is well planned and represents needed research.

RRC recommends approval as W-79 for activation 7/1/64-6/30/69.

/Hilston moved, Wheeler seconded adoption of the recommendation. Passed./

W-46, The Effects of Environmental Stresses on Beef Cattle and Sheep Production. This is a narrowing of the work previously done under W-46. The critical review shows good progress.

RRC recommends approval of this as a revision to 6/30/69.

/Hilston moved, Rosenberg seconded, adoption. Passed./

W-51, Factors Influencing the Flow of Subsoil Water in the Immediate Proximity of and into Drainage Facilities. This revision builds on the work done under W-51. It will use the instrumentation and other equipment of W-51. The critical review was adequate.

RRC recommends approval as W-51 revised to 6/30/69.

/Hilston moved, Rosenberg seconded, adoption. Passed./

W-52, Fundamental Biochemical and Biophysical Mechanisms Involved in Herbicidal Action. This is a significant regional problem, and the states propose fundamental attacks. Nonetheless, the weakness of the regional attack leads RRC to doubt the wisdom of unqualified approval.

RRC recommends approval for three years as W-52 revised. The Committee is requested to review its approach to determine if a more coordinated program can be developed for activation on or before 7/1/67.

/Hilston moved, Wheeler seconded adoption. It was suggested by Price that three years was a long term to give, if there were doubts that a concerted effort would be forthcoming.

/Asleson moved, Rosenberg seconded, that the motion be amended to return the outline to the technical committee for determination of means for coordinating the approach, and that W-52 be extended to 6/30/65. Passed.

/The motion as amended, passed.

/Price moved, Asleson seconded, that the committee be authorized to resubmit the outline by May 1, 1964, for review and approval, if desired. Passed./

W-80, The Effect of Cold Water Detergent on Textiles: Soil Removal, Concomitant Effects, and Economic Importance to the Consumer. This outline represents new work rather than a revision of W-60. It is a regional attack on an important emerging problem. However, the Committee should strive to keep abreast of impending developments in the detergent industry, such as the Bio-degradable detergents which may antique the cold water detergents before the project is completed. The W-60 review was satisfactory.

RRC recommends approval to 6/30/67 as W-80.

/Hilston moved, Peterson seconded, adoption. Passed./

W-64, Identification, Etiology, and Control of Virus Diseases of Deciduous Fruit Trees. This is a ~~major Andino regional problem.~~ It is truly re-

RRC recommends approval to 6/30/69 as W-64 re-  
vised.

/Hilston moved, Ely seconded, adoption. Passed./

W-65, Hydraulics of Surface Irrigation. RRC recommends  
approval of this outline to 6/30/69 as W-65. The  
committee should aim for a regional publication  
from this revision. The critical review was  
adequate.

/Hilston moved, Frevert seconded, adoption of  
the recommendation. Passed./

W-66, The Formation and Properties of Soil Crusts. As  
with W-65, this committee should make a special  
effort to develop a regional bulletin. The crit-  
ical review was acceptable.

RRC recommends approval as W-66 revised to 6/30/69.

/Hilston moved, Leyendecker seconded, adoption.  
Passed./

W-67, Water-Soil-Plant Relations. RRC is glad to see  
the emphasis in this project on water stress, and  
encourages the committee to continue to narrow  
its approach. The critical review was acceptable.

RRC recommends approval as W-67, revised to  
6/30/69.

/Hilston moved, Alexander seconded, adoption.  
Passed./

W-68, Prediction of Water Movement in Unsaturated Soils.  
RRC suggests the above title for this revision.  
The committee seems to have made some effort to  
concentrate work. The critical review was accept-  
able.

RRC recommends approval to 6/30/69 as W-68 re-  
vised.

/Hilston moved, Thorne seconded, adoption.  
Passed./

W-81, The Economics of Water Transfer. RRC notes with  
approval the intentions of the Technical Committee  
Chairman to provide strong leadership to this new  
project.

RRC recommends its approval as W-81 to 6/30/69.

/Hilston moved, Thorne seconded, adoption. Passed/

2. Further revision requested by 5/1/64:

W-12, The Nature and Inheritance of Root Rot Resistance in Beans.

RRC recommends that this revision be returned to the technical committee for a few modifications. The committee needs to clarify how this meets the criteria of a regional approach. There is evidence of some team effort, but RRC believes there should be more. The work of the geneticists and plant pathologists must be coordinated. RRC fails to see how the USDA addendum project fits into the regional effort. The title should include the term "Fusarium." RRC suggests that the committee attempt to make desired revisions and resubmit this outline by May 1, 1964 to RRC and Directors. RRC will then determine if the outline is ready for approval. The critical review attached was satisfactory.

Hilston moved, Ely seconded, adoption. Passed.  
The Adviser raised question as to wishes of Directors on this project which were discussed.

3. Outlines Disapproved.

W-39, The Effects of Fluorides on Plants, Animals, and Soils. This outline was returned to the technical committee last year. RRC then felt it to be too broad, and to encompass a number of individual state projects. The outline now submitted is still much too broad. Although the area is of vital importance, any special advantage of a regional approach and evidence of a concerted effort are lacking. The states concerned should continue to support the individual research according to their interests.

RRC recommends disapproval of this outline, and termination of the current W-39 project on 6/30/64.

Hilston moved, Ensign seconded, adoption of the recommendation. Price commented that the Oregon and California personnel engaged in the work feel this to be an excellent project. Rosenberg commented that the same basic organization five years earlier was approved as regional.

Following other comments of similar purport, Price moved, Thorne seconded, that the motion be amended to refer the outline back to the committee with authorization to resubmit by May 1, 1964, if desired. Passed.

The main motion as amended, passed.

W- , Impact of Agriculture on Quality of Water. This outline reflected inadequate planning of the research. RRC believes the committee may encounter difficulty in developing procedures for analysis of pesticide chemicals and should include some qualified biochemists, as well as liaison with the W-45, Pesticide Residues, project.

RRC recommends disapproval of this outline. If further planning is to be done, the technical committee will have to be reorganized with at least a few biochemists as members.

Hilston moved, Rosenberg seconded, adoption of the recommendation. Thorne stated that, in his opinion, the qualifications of the assigned personnel as chemists were not open to question. However, he noted that the project was a two-pronged one, and suggested that the committee might be asked to revise to include only one line.

Thorne moved, Ensign seconded, that the motion be amended to refer the outline back to the committee for selection of a single problem for attack, and if the pesticide residue problem is selected, the committee should show how liaison with W-45 will be achieved. Peterson suggested that the pesticide area is the most important, and one which must be done. He noted that this will require competence in chemistry, but that this competence might be in inorganic rather than biological chemistry.

It was noted that the stations must provide leadership in this area, and that technical committee should be encouraged to move ahead on the pesticide area.

The amendment to the motion passed. The motion as amended, passed.

W- , Soil Minerals: Their Effect on Soil Properties. This outline of proposed research reflects a common subject matter area for research, but attacks several large problems, any one of which would be sufficient for a regional project. There is no evidence of a concerted approach. There also appears to be a lack of balance in the committee memberships. The project proposes to study soil physical properties, yet there are no soil physicists on the technical committee.

RRC recommends disapproval of this research proposal.

Hilston moved, Ely seconded, adoption of the recommendation. Asleson noted that the proposed

work was important, but that the committee had been unable to agree upon the specific problem. Consequently, the proposal was broadened from "clays" only to "soil minerals" in total. He asked if the committee would have the option of working on the outline again, and resubmitting it at a later time.

/By consensus, it was agreed that the committee should be authorized to meet again, and the adviser was requested to notify all western stations of the planning meeting.

/The motion passed./

W- , The Genetic and Environmental Factors Affecting the Composition of Milk Produced by Dairy Cattle.

This outline was submitted by a committee which has been cooperating for 5 or 6 years without benefit of RRF support. The program outlined is a very broad statistical analysis which seems impossible of achievement. Projected budgets are small, and the total budget for the full life of the project is less than \$25,000. Nonetheless, RRC does not see how the project can accomplish meaningful results in the duration proposed.

RRC recommends disapproval.

/Hilston moved, Leyendecker seconded, adoption of the recommendation.

/Thorne asked if the data are already in hand, and if the proposed work is simply analysis. Buchanan responded that about half the data are in hand. The budget set up for the project is for machine operations. He reported that a qualified statistician was consulting on the work, and was satisfied that the project is feasible.

/Price commented that the data are being collected in other work from records of Dairy Herd Improvement Associations, and would make a good regional analysis and publication of inheritability.

/Ensign mentioned the origin of the project which was started as a result of national interest.

/Bohmont, Rosenberg, and others, commented that it appeared to be truly regional, even though only three or four states were involved. Further

extension of the sampling area would result in corruption of results by bringing in too much environmental variation.

/Upon voice vote, the chair could not discern a consensus. A show of hands resulted in a count of six in favor, and one state plus the chair not voting. The motion to disapprove the outline was passed.

B. REQUESTS FOR EXTENSIONS TO 6/30/65.

W-5, Poultry Diseases. This committee has requested extension of the project to permit further development of a revised outline. RRC reviewed the request, but does not believe it merits approval.

RRC recommends that W-5 be terminated 6/30/64.

/Hilston moved, Leyendecker seconded, adoption. Passed.

W-60, Textiles. The committee has requested extension to 6/30/65 for completing a publication.

RRC recommends such extension.

/Hilston moved, Ely seconded, extension. Passed.

WM-16, Grain Insect Control. This technical committee requested a one-year extension of this project to 6/30/65.

RRC recommends that the request be granted for the purpose of pulling together results of a regional character for publication. RRC further recommends that 6/30/65 be the terminal date of this area of research.

/Hilston moved, Leyendecker seconded, extension. Passed.

WM-39, Direct Marketing of Livestock. WAERC recommended extension of this project to 6/30/65 for completion of regional manuscripts. RRC concurs in this recommendation.

/Hilston moved, Leyendecker seconded, extension. Passed.

WM-40, Retail Procurement. WAERC has recommended extension to 6/30/65 for completion of research underway. A new project is being considered.



RRC concurs in WAERC recommendation.

/Hilston moved, Ensign seconded, extension. Passed./

WM-43, Bulk Handling.

RRC concurs in the WAERC recommendation that this project be extended to 6/30/65 for completion of work underway.

/Hilston moved, Peterson seconded, extension. Passed./

/Question was raised as to why so many of the marketing projects required extension. It was suggested that WAERC should review its policy on duration, and perhaps recommend to economics technical committees that duration be set within realistic bounds./

C. PROPOSAL TO REVISE PROJECTS

W-50, Stresses and Performance of Laying Hens. RRC reviewed a request for authorization to revise this project. Discussions were held with the Administrative Adviser.

RRC recommends that the committee be authorized to proceed with a revision.

/Hilston moved, Rosenberg seconded, adoption. Passed./

D. PROPOSAL TO TERMINATE PROJECT.

W-76, Farm Labor Requirements. RRC reviewed the WAERC recommendation that this project terminate 6/30/64.

RRC concurs in this recommendation.

/Hilston moved, Ely seconded, adoption. Passed./

E. 1964-65 BUDGETS.

1. Trust Fund Requests. RRC reviewed requests from Technical Committees for special allotments of RRF. Table 1 presents the requests, 1963-64 allotments, and RRC recommendations for 1964-65. In connection with the \$51,205 for W-45, Pesticide Residues, RRC does not have a single recommendation. These RRF reserve funds, released by the Committee of Nine, are allotted in a set pattern in 1963-64, as shown. The Committee of Nine has "earmarked" the same total amount for 1964-65.

However, the administrative adviser has presented no request for 1964-65. There are three alternatives, as RRC visualizes it:

- a. The \$51,205 can be assigned as a supplementary budget to W-45, subject to administrative adviser's recommendation for allotment.
- b. The current pattern of state allotments can be continued through to 6/30/66 when W-45 is due to terminate. At that time, these funds would revert to all states under the regular procedures for determining state total allotments of RRF.
- c. The \$51,205 could be included in state total allotments in 1964-65, with the understanding that all states in position to do so would initiate or expand contributing regional research in this problem area. RRC is inclined to believe alternative (a) is most appropriate, but has no recommendation as such.

/Price moved, Wheeler seconded, adoption of alternative a. Passed./

The W-38 Technical Committee requested \$3,700 to make possible the publication in looseleaf form of drawings and information on soil fungi. RRC recommends against this because the service should be provided at the national level. There are at least four other regional committees working in this area.

RRC recommends that the proposal be referred to the Committee of Nine for special consideration and possible funding from RRF reserve.

/Hilston moved, Ely seconded, adoption of this recommendation. Passed./

Directors also should note that RRC has not recommended any of the trust fund requests for interregional and consultant travel. It appears to RRC that such trust funds would be so difficult in administration that advantages would be more than offset. Administrative Advisers and Station Directors should negotiate concerning reimbursement of such travel costs.

RRC recommends that the action of November 1963 to establish a special travel trust for such travel in 1964-65 be reversed.

/Hilston moved, Ely seconded, adoption. Passed./

RRC Report  
(Interrupted)

Plan for Financing Special  
Regional Services & Travel

The Chairman ruled that, in the absence of objections, the report of the special committee to recommend procedures for financing services of WAERC Secretary and Recording Secretary and travel of ESCOP and/or Legislative Subcommittee members would be taken up at this point. There was no objection. The committee was composed of Price, Chairman; Buchanan, and Peterson. Price reported that a plan had been presented to Directors in a letter from the committee dated December 12, 1963. The letter follows:

"12 December 1963

"To : Western Association of Experiment Station Directors

"From: F. E. Price, M. T. Buchanan and M. L. Peterson

"As you will recall, means by which the cooperating states of the Western Region might pool their support of three activities accruing benefits to all stations have been discussed at our recent meetings. The states are committed, by agreement, to paying a part of the salary of a Secretary for the Western Agricultural Economics Research Council. The current level of contributions will be insufficient to meet this commitment after this fiscal year. The states also must fully reimburse the Economic Research Service for the provision of Recording Secretary services to the cooperating states. Finally, Western Directors have agreed, in principle, to pool their support for reimbursement of travel costs of Western members of our National Committees, such as ESCOP, when undertaking travel in connection with activities of some of its major subcommittees.

"We were assigned as a committee to review the situation that now exists and to develop means for meeting these needs. One of the ways which has been suggested was the collection of dues. We already do this under the WAERC Agreement. We have concluded that the simplest and most direct way in which we can proceed is to supplement the funds now being contributed by the states under the WAERC Agreement with funds taken off the top of the Western RRF. This would require no new agreement among the states and only a slight modification of the bilateral agreement between Montana and ERS under which the RRF trust for administration is handled. This would permit us to use RRF, in part, for supporting activities of WAERC Secretary in connection with economics regional research projects.

"We have reviewed current commitments and the likely demands of other activities requiring our pooled support in the future. We tentatively propose the following budget for 1964-65:

<u>Source of Funds</u>	<u>Obligations to be Covered</u>			
	<u>WAERC Sec. Services</u>	<u>Rec. Sec. Services</u>	<u>Other</u>	<u>Total</u>
1. Contribution under the WAERC Agreement				
a. 11 States	\$ 1,145	-	\$ 2,540	\$ 3,685*
b. Alaska	55	-	-	55
2. California	700	\$ 1,400	-	2,100
3. RRF	<u>3,595</u>	<u>4,600</u>	-	<u>8,195</u>
Total	\$ 5,495	\$ 6,000	\$ 2,540	\$14,035

\* Nonfederal funds

"The annual contribution to the WAERC fund held at Montana by each state since 1953, and tentatively proposed for 1964-65, is as follows: Arizona \$302.50; Colorado \$550; Hawaii \$55; Idaho \$385; Montana \$330; Nevada \$55; New Mexico \$302.50; Oregon \$550; Utah \$220; Washington \$770; and Wyoming \$165. Alaska is expected to continue as a member of WAERC and to contribute \$55 per year. California's payment will continue to be made directly as salary to the person holding the Secretary-Recording Secretary position.

"The \$11,495 for support of WAERC Secretary-Recording Secretary services will be supplemented as in the past by ERS. Both this person and his secretary are career employees of ERS who devote most of their time to regional research affairs. ERS provides office space, supplies, travel, communications, statistical services as needed, et cetera. For the \$11,495 to be paid by the states in 1964-65, we will receive services estimated to cost at least \$17,550 on the basis of direct costs only. Salaries account for \$14,700 or more; travel on WAERC-WD affairs about \$2,400; and supplies and communications \$450. We have no estimate of general overhead costs.

"The division of the \$11,495 provided by the states between WAERC Secretary-Recording Secretary functions does not represent proportion of time spent on the duties. ERS support is contingent upon the WAERC Secretary services being provided to economics regional research projects. However, the \$1,800 increase in the Recording Secretary portion of the budget does reflect our estimate that relatively more of the total activities undertaken in 1964-65 will be on Recording Secretary functions. It also incorporates provision for the salary increases voted by Congress for federal employees since we last adjusted our level of reimbursement to ERS for these Recording Secretary services.

"We will recommend adoption of a budget and present some further procedural suggestions for your consideration at our March 5-8, 1964 meeting."

Price moved, Peterson seconded, adoption of the plan envisioned in the letter, continuation of the state contributions of non-Federal funds to the WAERC fund held at Montana, the California payment of salary of \$2,100 per year, and the RRF trust for administration in 1964-65 of \$8,195.

Question was raised as to whether any RRF would be used in financing special travel. Price asked the Recording Secretary to indicate how the RRF trust is handled.

Gerald reported that the total RRF trust for administration is transferred in trust by the Montana Station to ERS, and therefore is not available in any manner for reimbursement of such regional travel. He noted that the WAERC account is not in any way intermingled with RRF or other Federal funds.

Price reported that the committee envisioned no increases in either state contributions or California's salary payment, at least for a few years. He suggested that a policy to show what travel would be reimbursed from the non-Federal fund held at Montana should be developed.

The motion passed.

Leyendecker moved, Frevert seconded, that the same committee be retained to develop a policy statement for presentation in July. Passed.

RRC Report  
(Resumed)

/The above interruption of the RRC Report was necessary so that RRC could develop final RRF allotment recommendations for 1964-65.

/Hilston moved, Leyendecker seconded, adoption of the trust funds shown in Table 1, attached. Passed./

2. P&C Trust Funds in 1964-65

RRC finds that indicated P&C needs for 1964-65 are only slightly different than for 1963-64. RRC also believes individual directors are now in good position to estimate their P&C needs from year to year. Consequently, RRC recommends that the amounts established in 1963-64 for P&C be added on to the state total allotments of RRF, and that each director budget travel for 1964-65 and thereafter just as he does for all other projects in his program. Directors will be expected to authorize and reimburse regional travel in the same manner as at present. The administration project will be continued, and each station has already filed a Form 20 to cover its regional travel.

/Hilston moved, Ely seconded, adoption. Passed./

3. Meeting the Marketing Requirements on RRF

CSRS has decided that the marketing requirements can be met with combinations of Hatch and RRF. Further, individual stations may work out arrangements for having some of their marketing requirement met by other states. Consequently, RRC recommends that the procedure specified in Item A.2.(c) of the March 1963 report of RRC (WD Minutes, page 12) be canceled. Hereafter, each state will be responsible for meeting marketing requirements as established by CSRS.

Hilston moved, Asleson seconded, adoption. Passed.

4. State Total Allotments of RRF in 1964-65

Table 2 presents RRC's recommendations on State total allotments of RRF for 1964-65 at the no increase and the \$1.5 million increase level. These were developed, using procedures adopted in March 1963 and as modified for P&C allotments approved earlier.

Hilston moved, Ely seconded, adoption of allotments in Table 2. Passed.

RRC was commended for its review and recommendations. In particular, the suggestions regarding regional publication possibilities were mentioned as useful to committees and Directors.

F. SUMMARY

Actions on Projects Due to Terminate 6/30/64:

- W-5 - to terminate without revision or replacement.
- W-7 - replacement by W-78 approved.
- W-12 - to terminate, unless revision can be resubmitted by 5/1/64 and approved.
- W-16 - replacement by W-79 approved.
- W-39 - to terminate, unless revision can be resubmitted by 5/1/64 and approved.
- W-46 - revision approved.
- W-51 - revision approved.
- W-52 - extended to 6/30/65, unless revision can be resubmitted by 5/1/64 and approved.
- W-60 - extended to 6/30/65; approved replacement as W-80, to begin 7/1/64.
- W-63 - replacement by W-77 approved in November 1963.
- W-64 - revision approved.
- W-65 - revision approved.
- W-66 - revision approved.
- W-67 - revision approved.
- W-68 - revision approved.

Actions on Projects Due to Terminate 6/30/64 - Cont'd.

- W-70 - to terminate without revision or replacement.
- W-73 - to terminate without revision or replacement.
- W-75 - to terminate without revision or replacement, (but see W-81).
- W-76 - to terminate without revision or replacement.
- WM-16 - extended to 6/30/65 as a terminal date.
- WM-20 - to terminate without revision or replacement.
- WM-39 - extended to 6/30/65 as a terminal date.
- WM-40 - extended to 6/30/65; revision proposal not acted upon.
- WM-42 - to terminate, replacement project WM-50 is active currently.
- WM-43 - extended to 6/30/65.

Actions on Projects Due to Terminate 6/30/65:

- W-31 - no proposal submitted by adviser.
- W-50 - revision proposal approved.
- W-69 - revision proposal disapproved in June 1963, 6/30/65 established as terminal date.
- W-71 - no proposal submitted by adviser.
- WM-26 - no proposal submitted by adviser.
- WM-38 - no proposal submitted by adviser.

Projects Due to Terminate 6/30/66:

W-25, W-34, W-37, W-40, W-44, W-45, W-49, W-74, WM-44, WM-46, WM-49, WM-50.

New Projects Being Activated 7/1/64:

W-77, W-78, W-79, W-80, W-81.

Proposal to  
Establish West-  
ern Home Eco-  
nomics Research  
Administrators  
Group

As authorized in June 1963 by Western Directors, a group of Home Economics Research Administrators met at Berkeley, March 3-4, 1964. Buchanan, Henderson, and Rasmussen, met with the group as representatives of Western Directors. One purpose of the meeting was to review the need for establishing the group on a permanent basis with authorization to meet annually. A letter of April 16, 1963, to Chairman Frevert from Mrs. Margaret Hard stated the objectives of such group:

"April 16, 1963

". . . . The purpose of the meetings would be to evaluate, plan and coordinate research in Home Economics in the Western Region. More specifically, we thought this group could (1) identify and recommend areas in which Home Economics research should be done; (2) investigate possible reciprocal opportunities in the Western Region for best use of personnel and facilities; (3) continue consideration of training personnel for Home Economics research; (4) consider methods of strengthening

and training people capable of doing research (since there are few professional meetings held in this region); and (5) consider methods of obtaining a broader base of financial support for Home Economics research."

The group meeting in Berkeley reiterated the proposal made a year earlier, and requested authorization for two committees of researchers to meet to plan new regional projects, one in family economics, the other in clothing.

There was discussion of the desirability of such meetings on a recurring basis.

Price moved, Frevert seconded, that an adviser be appointed to organize the group and that the group be authorized to meet annually for five years, after which the accomplishments and need for continuation is to be evaluated.

In discussion, Rosenberg questioned the wisdom of setting a specific duration period. He pointed out that the group could be disbanded by Directors at any time.

Thorne asked if this group could prepare the two-page proposals required by Directors before authorizing organization of technical committees. Opinion seemed to favor authorization for separate research groups to meet immediately, but it was left to the discretion of the administrative adviser.

It was suggested that the Home Economics Research Administrators group should meet primarily to, 1) evaluate possibilities for research in home economics, and 2) assign priorities to these projects.

The motion passed.

Frevert moved, Price seconded, that Bohmont be appointed as Administrative Adviser to the group. Passed.

Proposal to  
Establish Rural  
Sociology  
Committee

Buchanan discussed a proposal by rural sociologists that a committee be formally established to review research needs and to promote research in the area of rural sociology.

Frevert reminded Directors that a proposal to establish advisory committees in several areas was rejected by Directors a few years ago. He asked that Directors not undo that decision in a piecemeal pattern.

Rosenberg commented that there is a significant research problem in the West which such group might assist in defining and solving. He stated that action is needed on rural areas development problems, poverty incidence, and other such areas.

Buchanan pointed out that the group proposes to seek financial support from Farm Foundation or other such organization. Price asked if the group should be organized as a WAERC committee, with a request to Farm Foundation that WAERC grant be increased.



However, some sentiment against this was expressed by several Directors.

Thorne spoke in favor of broadening the concept of the committee so as not to restrict the scope too much.

Rosenberg moved, Thorne seconded, that an Administrative Adviser be appointed to form a committee of social scientists; said committee to meet with the support (financial) of the Farm Foundation for the purpose of reviewing the problems in rural adjustment and making recommendations for research to the Western Directors. Passed.

Thorne was appointed to organize a social science committee for the West, to seek support from the Farm Foundation for such group, and to advise the group.

Role of Advisory  
Committees

Frevort moved, Asleson seconded, that a committee be appointed by the Chairman to review Directors' policies on advisory committees, to review need for a systematic establishment of advisory committees to assist in research review and planning, and to bring a recommendation to Directors in July. Passed.

The Chairman appointed Frevort, Chairman; Huffman, Bohmont, and Thorne.

Broadening the  
Base of Market-  
ing Research

Thorne discussed briefly Utah's situation in meeting the marketing quota. He asked if other states were experiencing similar difficulties. The possibilities of developing projects in the area of technical feasibility, motivations, and other noneconomic areas in marketing were mentioned. Thorne offered to write all Directors to learn of their interests, and to attempt to have one or more proposals developed in areas of sufficient interest for review by Directors at a later meeting.

Frost Injury  
Research

It was mentioned that several states are interested in a study of frost injury. A proposal will be submitted soon.

W-34 Proposal  
to Meet in  
Hawaii

Hilston reminded Directors of a review made at the July 1961 meeting of a request from the W-34, Range Livestock Nutrition, Committee for authorization to meet in Hawaii. He reported that the committee has renewed its request.

Hilston moved, Leyendecker seconded, that W-34 be authorized to meet in Hawaii to review the Hawaii contributing research and to become acquainted with Hawaii range nutrition characteristics in 1965-66.

Ensign moved, Sherman seconded, that motion be tabled, pending submittal of justification, and description of unique characteristics of Hawaii project. Passed, eight voting in favor, three opposed.

Further discussion of the general problem of technical committee meetings in Hawaii and of Hawaii's contributing research under W-34 ensued. Ensign moved, Sherman seconded,

that the motion be taken up and disposed of. Passed. The earlier motion, to authorize W-34 to meet in Hawaii in 1965-66 failed to pass, and the Administrative Adviser was advised not to approve a meeting of the committee in Hawaii in 1965-66.

Plans for July  
1964 Meeting  
at Logan, Utah

Thorne reported that July 24 WD chose July 22-24, 1964, as dates for the next meeting at the November 1963 meeting is a State holiday in Utah, with heavy traffic and much activity. Alternative dates were discussed.

Leyendecker moved, Ensign seconded, that the summer meeting be held July 21-23, 1964. Passed.

Question of items for the agenda was raised. Knoblauch offered to arrange with certain officials in USDA and the Brookings Institute to be present to discuss the subject, Effective Administration of Research Programs. This offer was accepted.

Assignment of  
Representatives  
to National  
Foundation Seed  
Committee

Ensign presented the recommendations of the W-40 Technical Committee for representatives to the National Foundation Seed Committee.

Ensign moved, Bohmont seconded, that the recommendations be adopted. Passed. Representatives will be as follows:

<u>Year</u>	<u>Representative</u>	<u>Alternate</u>
1964	E. H. Stanford	H. E. Finnell
1965	E. H. Stanford	H. E. Finnell
1966	H. E. Finnell	To be selected
1967	H. E. Finnell	To be selected

Visits to Branch  
Stations and  
Private Farms,  
Ranches, and  
Plants

Directors were invited to visit a number of branch stations and private farms and ranches on the Islands of Oahu and Hawaii. These visits gave Directors a good opportunity to review research underway and to view farming and ranching operations in tropical settings. Also, Directors visited the experiment station of the Hawaii Sugar Planters Association, the Ewa Plantation and sugar cane mill, the Dole Pineapple Cannery, and other such establishments. A display of fruits, nuts, and other indigenous products was presented by Dr. Edward Ross, Head, Department of Food Science, and Directors were invited to sample these products. Numerous individuals, other than Directors Rosenberg and Sherman, helped in arranging these visits; in particular, Dr. Oliver Wayman, Animal Scientist; Dr. Yousef Tamimi, Assistant Agronomist for Soils; Dr. Takumi Izuno, Coordinator and Superintendent of East Hawaii Branch Stations; Mr. Sam Naha and Mr. Robert Martin, Farm Managers; Dr. Philip Ito, Assistant Horticulturist; Dr. Bruce Rogers, Associate Plant Physicist; Dr. Lloyd Sherard, Assistant Animal Husbandman; and Miss Mildred Okubo, Secretary. These persons were thanked, with applause, for their many services.

Resolutions of  
Appreciation

Price presented the following resolution:

WHEREAS Director Morton M. Rosenberg, with the assistance of his staff, has made most excellent arrangements for our hotel accommodations, provided transportation for us to our meetings, selected a very unique and beautiful meeting room and arranged for a most instructive and enjoyable meeting with President Hamilton, presented an exhibit of indigenous agricultural products of the Hawaiian Islands, conducted two most instructive and interesting tours of the Islands;

AND WHEREAS, the Western Experiment Station Directors and their wives were the guests of Director Rosenberg at a reception at his beautiful home and garden;

THEREFORE BE IT RESOLVED that the Western Directors do hereby express their sincere appreciation to President Hamilton and to Director Rosenberg and his staff for making the 1964 Spring meeting of our Association a very profitable, enjoyable and memorable occasion.

Price moved, Ensign seconded, that the expression of appreciation be unanimously adopted. Passed.

Price presented the following resolution:

WHEREAS Dean and Director Morton M. Rosenberg of the University of Hawaii has been a member of the Western Association of Agricultural Experiment Stations of the Association of State Universities and Land-Grant Colleges for 8 years;

AND WHEREAS, Director Rosenberg has served with distinction on both national and regional research committees of the Association;

AND WHEREAS, his leadership as Dean and Director of Agriculture at the University of Hawaii has brought national recognition to the University;

AND WHEREAS, we have noted that Director Rosenberg will soon be leaving his present position to serve the University as Director of the Office of International Programs;

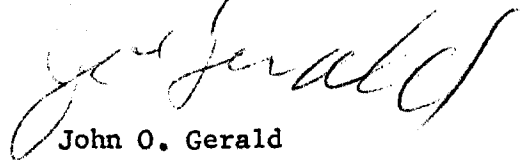
THEREFORE BE IT RESOLVED, that we, the Experiment Station Directors of the eleven Western States express our regrets at losing Director Rosenberg's valuable counsel, leadership, and good fellowship, and extend to him our sincere appreciation for his valuable service to our Association during these 8 years and wish him continued success in his new assignment.

Price moved, Peterson seconded, that this resolution be unani-  
mously adopted, and that this and the previous resolution be  
sent by the Secretary to Dr. Hamilton, President, University  
of Hawaii, and to Dean Rosenberg. Passed.

Adjournment

The first meeting of the Western Association of Agricultural  
Experiment Stations in Hawaii, the fiftieth State, and a mem-  
ber of the Association for more than 15 years, was adjourned.

Respectfully submitted,



John O. Gerald  
Recording Secretary

TABLE 1. 1964-65 RRF TRUST ALLOTMENTS RECOMMENDED BY WESTERN DIRECTORS  
MARCH 5-8, 1964  
(No Increase and \$1.5 million Increase Levels)

Project and State	1963-64 Allotment	1964-65 Funds	
		Requested	WD Recommendation
W-6 <u>New Plants</u>			
Arizona	\$ 1,000	\$ 1,000	\$ 1,000
Hawaii	750	750	750
Montana	1,000	1,000	1,000
Oregon	500	500	500
Washington	34,900	40,398	40,398
Total	\$ 38,150	\$ 43,648	\$ 43,648
W-34 Arizona	--	200	1/
W-38 Colorado	--	3,700	2/
W-45 <u>Pesticide Residues</u>			
Arizona	5,690		
California	11,380		
Colorado	5,690		
Hawaii	5,689		
Idaho	5,689		
Oregon	5,689		
Utah	5,689		
Washington	5,689		
Total	\$ 51,205	\$ 51,205	\$ 51,205
W-57 Arizona	500	500	500
W-60 Colorado	700	700	700
W-61 Washington	765	--	--
WM-39, 48 Washington	6,000	10,000	10,000
WM-42 Oregon	4,000	--	--
WM-50 <u>Timber</u>			
Colorado	--	10,500	1/
Idaho	--	3,500	1/
Washington	--	2,500	1/
Total	--	16,500	1/
RRF Admin. Montana	4,200	8,195	8,195
Interregional travel	--	1,543	3/
<b>TOTAL TRUSTS</b>	<b>\$105,520</b>	<b>\$136,191</b>	<b>\$114,248</b>

1/ Considered to be part of contributing responsibility of station.

2/ Referred to Committee of Nine for consideration for financing out of RRF reserve at national level.

3/ Considered to be too difficult in administration to justify special trust arrangements; responsibility for negotiating with station for such travel placed on Administrative Advisers.

TABLE 2. 1964-65 RRF ALLOTMENTS TO STATES FOR SUPPORT OF REGIONAL AND INTERREGIONAL TRAVEL AND CONTRIBUTING RESEARCH RECOMMENDED BY WESTERN DIRECTORS, MARCH 5-8, 1964

State	1963-64 Allotments			1964-65 Allotments			
	Allotments for Research	P&C Allotments*	Total**	No Increase Inc.***	Total	\$1.5 M Increase Inc.***	Total
Ariz. (7.840)	\$ 147,291	\$ 6,235	\$ 153,526	-\$ 684	\$ 152,842	\$ 4,081	\$ 157,607
Calif. (14.573)	244,824	7,930	252,754	- 1,272	251,482	7,586	260,340
Colo. (11.741)	199,077	5,060	204,137	- 1,025	203,112	6,112	210,249
Hawaii (3.760)	67,912	8,740	76,652	- 328	76,324	1,958	78,610
Idaho (7.169)	119,700	5,075	124,775	- 626	124,149	3,732	128,507
Montana (8.316)	130,731	6,045	136,776	- 726	136,050	4,329	141,105
Nevada (4.261)	72,364	2,990	75,354	- 372	74,982	2,218	77,572
N. Mex. (4.981)	78,612	3,900	82,512	- 435	82,077	2,593	85,105
Oregon (11.192)	196,401	6,370	202,771	- 977	201,794	5,826	208,597
Utah (8.730)	142,129	4,560	146,689	- 762	145,927	4,545	151,234
Washington (10.143)	164,703	6,600	171,303	- 885	170,418	5,280	176,583
Wyoming (7.294)	111,175	4,290	115,465	- 636	114,829	3,797	119,262
<b>Total</b>	<b>\$1,674,919</b>	<b>\$67,795</b>	<b>\$1,742,714</b>	<b>-\$8,728</b>	<b>\$1,733,986</b>	<b>\$52,057</b>	<b>\$1,794,771</b>
<b>Trusts</b>	<b>105,520</b>	<b>--</b>	<b>105,520</b>	<b>8,728</b>	<b>114,248</b>	<b>8,728</b>	<b>114,248</b>
<b>TOTAL</b>	<b>\$1,780,439</b>	<b>\$67,795</b>	<b>\$1,848,234</b>	<b>--</b>	<b>\$1,848,234</b>	<b>\$60,785</b>	<b>\$1,909,019</b>

\* WD Minutes, March 1963, Table 3, page 34.

\*\* CSESS-OD-1088(Rev.), January 10, 1964

\*\*\* Bases for distributing increase, as established in March 1963; distributions among States, on bases shown in WD Minutes, March 1963, Table 2, page 33. These bases are shown in parentheses at left by States.