

Rec 7/9/58
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WD-ARC-31

Tucson

WESTERN DIRECTORS MEETING

March 3, 1958

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

<u>Name</u>	<u>State - USDA - SESD</u>
Harold E. Myers	Arizona
A. M. Boyce	California
P. F. Sharp	California
S. S. Wheeler	Colorado
M. M. Rosenberg	Hawaii
R. D. Ensign	Idaho
J. A. Asleson	Montana
R. E. Huffman	Montana
C. E. Fleming	Nevada
R. H. Black	New Mexico
A. S. Curry	New Mexico
R. M. Alexander	Oregon
R. W. Henderson	Oregon
N. F. Farris	SESD
E. C. Elting	ARS, USDA
J. K. Holloway	ARS, USDA
D. W. Thorne	Utah
L. W. Rasmussen	Washington
H. M. Briggs	Wyoming



Report
ESCOP

Curry reported for ESCOP. Only an organizational meeting had been held.

Report
Legislative
Subcommittee

Myers reported for the Legislative Subcommittee of ESCOP. Only an organizational meeting has been held. Meetings are scheduled for each March and April. This report was supplemented by Elting relative to enabling legislation for federal funds to construct buildings on the State Experiment Stations to house cooperative federal workers. The report indicated that the Secretary of Agriculture has not closed the door on this proposal.

Report
Committee of Nine

Thorne reported on the activities of the Committee of Nine and additional comments were made by Ensign. Next meeting will be held on May 19 in Alabama.

Statement from Ensign pertaining to interregional publications follows:

"Western Directors concurred with the plans of a committee established to publish an interregional type publication on poultry vaccine. It is the understanding of the Western Directors that this committee will meet on May 6-8, 1958, to further develop recommendations on publication policy. The Western Directors favored the policy of having one state concerned with the interregional publication, and to publish and make copies available to states in the other regions."

Motion
Tenure of Chairman of
Technical Committee

Henderson moved, Curry seconded, that while it is not required, it is general policy that the chairmanship of a technical committee be limited to two years' service. Passed.

Report
ESMRAC

Briggs reported that no meeting has been held.

Biological Control
of Weeds

Ensign initiated the discussion and presented Mr. J. K. Holloway, in charge of Biological Control of Weeds, ARS, Albany, California, who discussed the historical aspects of weed control through insects. He also emphasized the calculated risk involved in weed control by insects as well as other problems relating to this type of work. Specific examples of successful results, as well as promising possibilities were discussed.

Sharp suggested that the previous resolution addressed to Shaw be reaffirmed. The Directors requested the previous committee (composed of Fleming, Sharp, and Ensign) to renew the resolution on Biological Control of Range Weeds, which should be addressed to Shaw (ARS man), and Assistant Secretary Peterson, with copies to chairmen and secretaries of the other regional Director groups.

Committee
Soil Survey Policy

Thorne noted that it is his understanding that the National Soil Survey Policy Committee no longer exists. He noted that the publication of soil survey reports is still far behind schedule, which situation the Directors view with misgivings.

Recess

Meeting was recessed for lunch. Meeting reconvened at 1:25 p.m.

Procedure to Follow
in Project Revision

WAERC requested that all states be contacted when major revision of a project is planned so that states that have not participated in the past will have an opportunity to assist in the revision and to submit contributing project proposals. It was pointed out that earlier action by Directors requires that notice of all technical committee meetings go to each Director.

Rasmussen moved, Alexander seconded, that Directors accept above recommendation of WAERC and extend it to all projects. Carried.

Role of WAERC
Continuation of
Discussion

Briggs moved, Huffman seconded, that we correct minutes (November 9, 1957, page 13) to read as proposed by WAERC. This proposal is:

1. That the WAERC continue its advisory function of recommending fund allocations for economic regional research. This will be done by recommending total allocations to economic projects to the Western Directors at their summer meeting and by reviewing state allocations recommended by the Technical Committees prior to the spring meeting of the Western Directors. In those cases in which WAERC recommends significantly different state allocations than those of the Technical Committee, an explanation should be made by WAERC regarding the difference. Recommendations shall be transmitted to the Chairman of the Western Directors, with copies to all Western Directors.
2. That the WAERC continue to serve as Advisory Review Committee for all new and revised regional research projects proposed by regional technical committees or others concerned with economic research. Recommendations of the WAERC shall be transmitted to the Chairman of the Western Directors, with copies to all Western Directors for consideration in the established review process of the Western Directors.

Passed.

Resolution
Biological Control
of Rangeland Weeds

Ensign presented for the Committee, consisting of Ensign, Fleming, and Sharp, the following resolution:

"The Western Directors of experiment stations at their March 3, 1958, meeting at Tucson, Arizona, again reviewed the resolution on biological control of rangeland weeds. This resolution was reviewed together with the letter dated January 17, 1958, by Administrator B.T. Shaw to H.E. Myers (Secretary of Western Directors).

"The Western Directors want to make certain that Administrator Shaw understands the economic limitations of rangeland weed control. Methods of rangeland weed control, such as chemical and mechanical, have serious limitations as to practicability. There are questions of economic feasibility. The Western Directors believe that the biological control methods should be explored to their limits and, therefore, passed the original resolution. It is recognized that the management of rangelands has significance, but such practice should be done in many cases while considering other aspects of weed control. Management studies are more of the type suitable for individual state experiment stations, whereas it is believed that the Agricultural Research Service could best conduct the foreign exploration phase of a biological control program. The Western Directors therefore reaffirm the original resolution and ask the Agricultural Research Service to again consider the possibility of strengthening the work on biological control of rangeland weeds.

"The Western Directors also instruct the Secretary to transmit this resolution to Assistant Secretary Peterson, Administrator Shaw, and the chairmen and secretaries of the other regional Directors' Associations."

Ensign moved, Henderson seconded, that the resolution be adopted. Passed.

Report
SESD Report
by Elting

1. Regarding hearings on the 1957 budget held in early February before the House Subcommittee on Appropriations, Elting particularly called attention to the favorable statement placed in the record by Committee Chairman Whitten, in which he paid tribute to the value of agricultural research, and particularly production research, in improving the role of the farmers of the nation. He also commented favorably on the value of the federal-grant program, particularly in the interest of effective research coordination.

The Chairman also expressed interest in the ability of Experiment Station Directors to attract and hold effective scientists for research, and expressed the belief that salaries should be made sufficiently attractive to accomplish this purpose. A table was placed in the record showing that experiment station salaries, on the average, increased something over 20 per cent during the period 1952-57. Printed copies of the record of this hearing have been mailed to all Directors, and each Director was urged to review this material.

2. As a follow-up to discussions at the summer 1957 meeting, a suggested classification of research accomplishments was distributed to the group. Each Director was requested to review this and, so far as feasible, report significant research accomplishments within the eight areas indicated which might be effectively used as justification material in defending subsequent budgets. It was suggested that particular emphasis be placed on reporting accomplishments of more fundamental research being conducted at the respective stations.

3. He reported that Dr. Knoblauch was taking steps to analyze the experiment station salaries for the current fiscal year, in accordance with requests made at the Denver meeting. The Experiment Station Examiners will present an additional form to the Directors, providing more information than has been previously supplied on the usual salary rolls. Each Director was urged to provide the requested information in order to permit a more comprehensive analysis than had been possible from data available on the 1957 salary situation.

4. He commented briefly on the general atmosphere in Washington regarding support for scientific endeavor, and expressed the belief that at least for the current year, the physical sciences, particularly those relating to defense, would receive high priority, and that little additional support was anticipated for biological and agricultural research. He called attention to a communication from A. N. Jorgensen, President of the Land-Grant College Association, to Dr. James R. Killian, Scientific Adviser to the President, in which concern was expressed over the apparent lack of interest in the importance of biological and agricultural sciences during this period of stress on physical sciences and engineering. He further expressed the hope that a reasonable balance could be maintained in the total research effort.

5. In response to the request from ESCOP that stations be provided with more detailed information on research activities carried on by departmental agencies within several states, he noted that Dr. Byerly was having prepared a detailed map for each state, showing location of programs conducted by each of the production research divisions, with man-years involved in each such activity, and that each Director would be furnished a complete set of this material.

6. Dr. Knoblauch wished to report that the comprehensive review schedules would be resumed after July 1, that 20 to 25 such reviews would be conducted during the 1958-59 season, and that requests were already on hand for almost a full load for that period. Directors still particularly desirous of such reviews should express their wishes.

7. Attention was called to the fact that a special department committee was in the process of drafting a policy statement regarding cooperation between department agencies and units of state government. It was expected that this statement would be available for discussion, but further revisions necessitated waiting until the ESCOP meeting in April to get reaction from the Directors regarding this document.

8. Attention was called to the organization of a number of scientific teams, representing various disciplines in agriculture, which would go to Russia on an exchange basis during the fall of 1958 and the spring of 1959. It was desired to have experiment station representation on most of these teams, generally two or three in number. More detailed information will be sent to each Director at a later date. It appeared that experiment station representatives would have to stand most or all of their expenses in participating in this activity, although this situation might appear more favorable at a later date.

Research Accomplishments
Suggested Classification

Elting distributed the following statement, to be obtained during Experiment Station Program Review:

1. Contributions to knowledge resulting in a better understanding of plant and animal processes.
2. Improved marketing.
3. New Crops and new uses.
4. Agricultural Adjustments.
5. More efficient crop and livestock production.
6. Reduction in losses from diseases, insects, and weeds.
7. Soil and water conservation.
8. Improved nutrition and family living.

Federal-States
Relations Committee

In the absence of Director Price, Fleming called attention to Director Andre's letters of January 31, 1958, to Price, Upp, and Young, and also to the North Central Directors. Fleming is to write Andre concerning suggestions made. Individual Directors may write Andre concerning specific problems in the individual states.

Farris Report
Old Regional Research

Dr. Farris, SESD, reported as follows:

The following excerpt is quoted from the minutes of the Committee of Nine meeting of February 19-20, 1958:

"The Regional Associations of Directors are encouraged to review progress and plans on all regional research projects in operation 10 years or more, including revised and renumbered projects, to evaluate accomplishments, and to delineate problems and proposals for future work in all subject-matter areas. Administrative advisors should logically be expected to present progress reports and plans for proposed work as developed by the technical committees. It is suggested that a portion of the summer meetings could be set aside for this purpose."

Permanent Secretary
for Western Directors

Curry moved, Ensign seconded, that Director Sharp be made a committee of one to work with SESD to consider and make recommendation concerning a permanent secretary for the Western Directors. Passed.

Nominating Committee

Fleming appointed Thorne (Chairman), Wheeler, and Briggs as the nominating committee to report on March 4.

Committee for
Recommending Admin-
istrative Advisors

Fleming appointed Henderson (Chairman), Curry, and Ensign as a committee to recommend changes in administrative advisors for W and WM projects.

Motion
WM-35

Henderson moved, Thorne seconded, that the Chairman of Technical Committee WM-35, or some other member of the Technical Committee appointed by the Administrative Advisor, be named as the Western Region representative on the Coordinating Committee of the Seed Marketing Research Projects. The expenses are to be paid from the travel trust fund. Passed.

Recess

The meeting was recessed for dinner at 4:30 p.m.

March 4, 1958

Meeting resumed at 8:30 a.m. with Director Black absent.

71

Resolution
Testing and Evaluation
of Synthetic Line
Forage Crops

Ensign presented the following resolution to the Western Directors Association in session on March 3, 1958, at Tucson, Arizona:

WHEREAS, forage crop breeders throughout the United States develop from time to time potential forage crop lines or varieties, and

WHEREAS, it is necessary to test and evaluate these potential forage crop synthetic varieties or lines in the area of forage production as well as in the areas of seed production, and

WHEREAS, the performance of seed production in the West is a necessary criteria in evaluating the potential use of experimental synthetic lines of forage crops, and

WHEREAS, it is necessary to obtain small quantities of high quality seed of experimental synthetic lines for advanced testing in Eastern States, and

WHEREAS, these services have heretofore been performed cooperatively by the Forage and Range Branch of the Agricultural Research Service, USDA, to the mutual benefit of both state and federal researchers,

THEREFORE BE IT RESOLVED,
that the Forage and Range Branch of the Agricultural Research Service be encouraged to provide to the various states their cooperative services in the testing of experimental synthetics and the production of adequate amounts of high quality seed of experimental synthetic lines of forage crops, and

BE IT FURTHER RESOLVED,
that this resolution be presented to the Directors Association of other regions to consider with their Forage Crops Breeding Technical Committees, and to appropriate channels of the Agricultural Research Service.

Briggs moved, Rosenberg seconded, that the resolution be adopted in principle, with Sharp and Ensign directed to draft the covering letter to Peterson and Shaw, with copies to chairmen of other Director groups and SESD. Passed.

Nominations

Wheeler presented the report of the nominating committee as follows:

(J)

Committee of Nine - R.D. Ensign to complete term of Kelso. M.M. Rosenberg, alternate.

ESCOP Legislative Subcommittee - Charles Fleming to complete term of Kelso.

Project Review Committee - Robert Black
WAERC Advisor - Roy Huffman

Sharp moved, Curry seconded, that the slate of nominees presented to fill vacancy created by Kelso's resignation be approved, and the secretary directed to cast an unanimous ballot for the entire group.
Passed.

Administrative
Advisor Assignments

Henderson moved, Ensign seconded, that the following administrative advisors be assigned:

W-27	Jasper - Sharp
IRM-1	Huffman
W-54	Huffman
W-59	Huffman
W-48	Asleson
WM-13	Rasmussen

Passed.

Travel to Technical
Committee Meetings in
Western Region

Briggs presented a prepared report. Ensign moved, Henderson seconded, that the policy statement presented by Briggs be approved as amended.

The amended policy statement follows:

1. The administrative advisor shall be eligible to travel on P & C funds.
2. Each state that has a contributing project shall be allowed to send one technical representative on P & C funds; the representative must have been officially designated by his Experiment Station Director prior to the technical committee meeting. If a regional project is so organized that it has two technical representatives per state (e.g. WM-23 - Wool Marketing), they shall both be eligible.
3. A state of the Western Region with an approved contributing project need not be receiving regional support to have a technical representative travel on P & C funds. Such representative shall be a regular member of the committee with power to vote and the obligation to report on the contributing project.

4. If it is deemed advisable by the technical committee, and approved by the administrative advisor, persons of special competence or background may be invited to the meetings and their expenses paid. Funds must have been provided in the budget prior to invitation.
5. A person traveling on P & C funds shall be reimbursed at the rate allowed for official travel by his respective experiment station. All vouchers must bear the authorized signatures of the respective Directors and business officials regularly handling such documents at the respective station.
6. It shall be the responsibility of the technical committee to reserve enough funds in P & C to cover travel. If they fail to do so, the travel expenses shall be paid on a prorated basis.
7. It shall be permissive for a technical committee to reserve enough funds in P & C, with the approval of the administrative advisor and the Association of Western Directors, to pay for interregional travel of one of its members. Passed.

Travel for Hawaii's Representative

Rosenberg discussed the attendance of Hawaii's Technical Committee representatives at committee meetings. Hawaii representatives are to continue to participate as in the past. It will be necessary to adjust P & C funds to take care of the increased cost.

Regrets

Myers was directed to express to Hawkins and Kelso the regret of the Directors that it was necessary for them to be absent from the meeting; also to Director Kelso that it was necessary for him to resign from his position as Director of the Montana Experiment Station.

Budget Function of Committee of Three

Henderson moved, Briggs seconded, that we change the name of the Project Review Committee to Committee on Regional Research, and expand its responsibility to include those outlined in the March, 1956, revision of the "Manual of Procedures for Cooperative Regional Research," page 5, which are as follows:

1. Reviewing and making recommendations to the Directors regarding the approval or disposition of all new and revised regional projects, including their evaluation of the appropriateness and regional significance of these proposals and the adequacy of the procedures, participation, and recommended support.

2. Reviewing and reporting to the Directors their evaluation of current regional research and making recommendations as to the continuation, revision, or termination of regional projects.
3. Assembling budget estimates and making recommendations to the Directors concerning RRF allotments for the support of regional research projects.
4. Performing such other duties pertaining to regional research as may be assigned to them by the Regional Association of Directors.

Passed.

Discussion of
Hannah's Letter

Various suggestions relative to means of reducing the time spent by the Directors in administering the regional research programs were presented.

Elting proposed that we take a better look at some of the opportunities for concentrating the regional research funds instead of spreading them so thinly. States could be more discerning in choosing the projects in which they can make the greatest contribution.

Wheeler pointed out that it was because of our own complicated procedures that a problem exists.

At the request of Sharp, the Chairman called for a show of hands relative to how many Directors favored having a full time secretary for the Western Directors. Ten Directors favored this, and none opposed it.

Dr. Elting pointed out that if a secretary were employed on SESD, there would be limitations on the functions he could perform.

Since Directors might wish to give some assignments to the secretary that would not be proper functions of SESD, Henderson suggested that one of the states employ the secretary and that SESD reimburse that state through a memorandum of agreement for those functions that are proper for SESD to carry out; also, that Western States reimburse the state that employs the secretary for the time spent on non-SESD functions. Arrangement similar to that used by WAERC in employment of Olson was suggested.

Dr. Sharp and Dr. Elting agreed to explore this problem, and Dr. Sharp will attempt to have a definite plan ready for consideration at the summer meeting.

11

Subjects and Speakers
for Land-Grant College
Meeting

Suggestions of Directors are to be relayed directly to Ensign and Kraus.

Briggs moved, Sharp seconded, that Curry serve as Western Directors' representative on program committee. Passed.

Recess

Meeting was recessed for lunch.

Meeting reconvened at 1:10 p.m.

Soil and Water
Research Facilities

Thorne moved that we go on record as favoring the strengthening of existing research facilities in the area of soil and water investigations insofar as such strengthening is feasible rather than establishing separate facilities at new locations. Ensign seconded, and discussion followed. The motion was carried without dissenting vote. It was agreed that this problem be placed before the Federal-States Relations Committee, headed by Director Andre.

Approval for
Alfalfa Conference

Henderson moved, Ensign seconded, that approval be given the proposed alfalfa conference scheduled for Cornell University on July 28-30, 1958. Passed.

RECOMMENDATIONS OF PROJECT REVIEW COMMITTEE

Report of
Committee of Three

Since there are no increased RRF funds budgeted for fiscal year 1959 and prospects for future increase are uncertain, the Project Review Committee recommends that new project proposals and project revisions be reviewed on an equal basis for fund allocations. All projects must be terminated or revised at the indicated termination date.

The Project Review Committee recommends that a critical report be prepared and distributed for each regional project at the termination or revision date, and that this report be a part of or accompany any proposed revision or new project proposal evolving from a regional project. The report should include the following:

1. A summary of accomplishments.
2. A complete list of publications.
3. A critical analysis of the degree to which objectives have been accomplished.
4. A statement of uncompleted work or of areas needing further investigation. If this recommendation is approved, all projects covered in this review should be held for the suggested report.

It is recommended that the accomplishments in a project as shown in the final report be used as one important factor in determining whether a revision or a new project will be approved. Failure to complete work on project objectives in the agreed length of time is to be interpreted as an indication that either the objectives were too broad or that the work had not been efficiently conducted, provided financing has been reasonably adequate.

It is further recommended that the Project Review Committee evaluate progress of regional projects each year as shown in the annual reports.

When Directors' meetings are held at a station, the station should make its regional project files and a secretary available during the meeting periods of the Project Review Committee.

Report
Action on Preamble
of Committee of Three

Briggs moved, Rosenberg seconded, that the preamble of the Committee of Three be approved. (Deletions and substitutions have been made in the above statement.) Passed.

A copy is to be sent to all members of each Technical Committee by the Administrative Advisor.

PROJECT REVIEWS

WM-13

We note that only one contributing project is receiving funds for fiscal year 1959. In line with the WAERC recommendation, we suggest that the regional project be terminated June 30, 1959.

WM-15

We recommend that this project be terminated June 30, 1959, as planned.

WM-16

The first five years of this project will be up in 1959. A critical report and evaluation should be submitted as a condition for possible continuation to 1961.

WM-17

The termination date is 1959. A report is expected by then.

WM-18

This project is scheduled for termination June 30, 1958. A final report should be submitted at that time.

WM-19

We note that a two-year extension was requested last year. We request a critical report by June of 1959.

WM-20

The well prepared folder on this project revision has been received. Some further revision is requested as follows:

1. The revision does not indicate the degree of regional planning. The procedures should be cross-referenced to show contributions of state contributing projects to regional objectives.

2. The state contributing projects appear to be somewhat independent of regional coordination, and are concerned principally with state situations. The state projects should be carefully examined by the committee during the first year to see that regional coordination is accomplished.

3. In our opinion, the committee has proposed an excessive amount of work for a three-year period.

WM-22

This project is being closed June 30, 1959. A final report is requested at that time.

WM-23

The regional project and state contributing projects are well developed and are approved. The following additional suggestions are made:

1. The ARS program at Dubois should have a participating project.

2. The economics phases should be concentrated at one or not more than two locations. If this is done, the budget allocations for the economics phases should be re-examined.

WM-24

This revision indicates significant improvement over the previous outline. The following suggestions are made for project revision:

1. The procedures should show more clearly how each objective is to be attained.

2. The procedures should be cross-referenced to contributing projects to show contributions to regional objectives.

3. The project might advantageously be narrowed to objectives (2) and (3) since no work is clearly indicated on objective (1).

4. A budget should be appended.

WM-25

This project is being terminated June 30, 1958. A final report is requested at that time.

WM-27

Scheduled to be terminated or revised in 1959.

14

WM-31

Attention is directed to the recommendations of the Committee of Nine, and the Committee is urged to give this their attention.

Marketing Practices and Prices of Various Western Non-Industrial Logs and Stumpage. It is recommended that the Technical Committee activities be more clearly defined and separated from other regional interests. The Technical Committee should meet as a distinct entity in separate sessions, carrying out its functions independently of other regional committees having broader interests in the same subject-matter field.

WM-32

This is scheduled for termination or revision in 1959.

WM-36

The Western Directors recommended last year (March, 1957, Minutes, Page 3) that the procedures be cross-referenced to state projects to indicate regional coordination. This has not been done. Several state projects have been rewritten, but the general work plan is about the same.

WM-37

The Technical Committee is commended for attempting to tie together the work of the several participating projects. We recommend that the regional project be further revised to show how the final steps of data analysis and publication are to be attained. Indicate in Procedures the contribution of each state project.

WM-38

A statement under Procedures indicates that after approval, a committee will meet to work out coordination among participating projects. This should be done before approval. No definite plans are shown for activating Objective 3. Contributions of the state projects to regional project objectives are not clear. The project should show the full program of development, including the areas of work of projects to come in later. We recommend that the outline be returned to the Committee for further consideration and development. The Chairman of the Directors is authorized to sign the project outline when the revision is acceptable to the Committee of Three.

W-4

This project is to be closed out this year and replaced by W-57. A final report should be made.

W-5

This project has been active since 1953. Accomplishments under it are not adequately reported. It is, therefore, difficult to assess the merits of extending the work through revision of this project. We recommend the present project be extended one year, and that a critical evaluation report be submitted for consideration at the November meeting. A recommendation for continuation will be based on the accomplishments to date.

The subject "Avian Respiratory Diseases" is very broad. The Committee asks if this project could not be narrowed advantageously to one or two of the major respiratory diseases.

W-8

This project was started in 1947 and revised in 1952. Much of the work has been based on a 1947-48 survey of farm home space requirements. The Committee questions whether a further continuation of this project is the best use of regional funds. It is recommended that contributing projects on space requirements for rural homes that can finish up work in progress be funded for fiscal year 1959, and that the project be terminated June 30, 1959.

The Committee is favorable to work in the area of housing relative to "Environmental Influences on House Design." It is suggested that the present new project proposal be revised.

W-16

A well-prepared contributing project from Texas has been referred to the Committee. This project is qualified for acceptance, but W-16 has been active five years and should be considered now for termination or revision, and there should be an accompanying final report. Activation of the Texas project should not influence future action on revision or termination of W-16. It is recommended that the project be continued to June 30, 1959.

W-31

The proposed revision is acceptable. It represents a deletion of original Objectives 2 and 4. A previous revision deleted Objective 5. Since the revisions have consisted principally of deletion of objectives not worked on, we recommend that the project be dated for revision or termination in 1960, as provided in the original project. State projects have apparently continued largely without major revision since 1955.

W-42

The project proposal of Montana is acceptable, but the termination date should be listed as 1959, to correspond with the termination of the regional project. If this short life is not practical, the initiation of the Montana studies should be delayed until the regional project has been considered for revision. The termination date for W-42 was extended to 1960.

Committee of Three
Report Approved

The Directors approved the report of the Committee of Three. The report as copied above includes the amendments added during the discussion of the report.

Projects Approved
But Not Funded

WM-33

The following projects have been fully approved but not funded. The date is that approved by SESD:

Preservation and Marketability of Beef and Lamb. May, 1957.

WM-34

Handling Fluid Milk. May, 1957.

W-50

Atmospheric Stresses and Performance of Laying Chickens. May, 1957.

W-51

Drainage Design. May, 1957.

W-52

Biochemistry of Herbicidal Action. May, 1957.

W-53

Insects and Mites Affecting Production of Grass Seed. June, 1957.

W-55

Virus Diseases of Small Fruit. May, 1957.

W-56

Nematodes (Recommended by Directors for approval March, 1957. No record of Committee of Nine action).

W-57

Amino Acids Utilization. November, 1957.

Revisions and
New Project Proposals

Tentative revisions or new project proposals have been received with requests for future funds. No one of these is completed or ready for Committee review. These are:

WM -- An economic analysis of direct buying of livestock in the West.

WM -- Procurement organization and practices of large-scale food retailers.

W-60 The effects of atmospheric conditions on selected cotton fabrics.

W -- Water conservation by means of sprinkler irrigation (W-28).

W -- Structure stability of soil (W-30).

W -- Water movement in soil (W-29, W-30).

Termination
1958

Thorne reported that W-11, W-33, and W-36 are scheduled for termination as of July 1, 1958.

Extension
One Year

Thorne moved, Curry seconded, that the life of W-33 and W-36 be extended one year to July 1, 1959.

Curry moved, Rosenberg seconded, that W-11 be extended to July 1, 1959.

Termination
1959

Termination in 1959 is scheduled for: W-12, W-22, W-27, W-28, and W-29.

Authorization to
Change Budget

Henderson moved, Ensign seconded, that the Committee of Three and the Chairman be authorized to adjust the budget in case of a change in appropriations prior to meeting of Committee of Nine, after which the members of the Committee of Nine are empowered to make adjustments. Passed.

Budget

Briggs moved, Black seconded, that the budget recommendations of WAERC be approved as submitted. Passed. (See Table 1). The remainder of the budget was approved. (See Tables 2).

Summer Meeting
July 16, 17, 18, 1958

The Directors accepted Director Fleming's invitation to hold the summer meeting in Reno, Nevada, on July 16, 17, and 18.

Recess

The meeting was recessed until the next day.

March 5, 1958

Meeting resumed at 8:30 a.m., March 5, 1958.

Proposal
Interregional Population
Genetics

Wheeler reported on a proposal for an interregional project on population genetics. Elting commented that this is one of the areas for the establishment of a pioneering laboratory in the ARS, with the possibility that such a laboratory may be set up at one of the state stations. No action was taken, but Fleming was directed to inform Dr. Kidwell of our discussion. Fleming will distribute the proposal received from Dr. Kidwell to the Directors for further study and comments.

Proposal
Regional Livestock
Marketing Project

Wheeler presented the proposed project, "An Economic Analysis of Direct Buying of Livestock in the West." Wheeler moved, Black seconded, that this proposed project be approved for planning, with possible activation in 1959-60. Passed.

Proposal
New Regional Project
on Water Movement in
Soil

Thorne presented the proposed project, "Water Movement in Soil"; also, "Hydraulics of Surface Irrigation." Thorne pointed out that these proposals are part of a plan to make 5 regional projects in place of 3. The Directors view with concern the multiplication of projects.

Thorne Administrative
Advisor for W-28

Henderson moved, Sharp seconded, that Thorne replace Price as Administrative Advisor for W-28. Passed.

Proposal
Nematode Parasites of
Ruminants Project

Sharp presented the proposed project concerning nematode parasites of ruminants.

W-60 Technical Committee
on Textiles

Thorne discussed this project, which is expected to be ready for presentation to the Directors at the November, 1958, or February, 1959, meeting. Target date for starting project is July 1, 1959, or when money is available.

W-59 Technical
Committee

Status was discussed by Asleson. The target date for starting the project is July 1, 1959, or when money is available.

Action on Projects
for Which No Money
Is Available

Briggs moved, Ensign seconded, that the Chairman not affix his signature nor forward to the Committee of Nine a project for approval until money has been allocated for the operation of the project. Motion passed.

Resolution from W-22
Technical Committee
on Stone Fruit

W-22 (Stone Fruits) - On January 16, 1958, the Technical Committee moved to reaffirm the October, 1956, recommendation that Western Directors activate a new regional project on root-stock problems and to urge the Directors to authorize immediately the establishment of a technical committee even though regional funds may not be immediately available.

This resolution was presented by Henderson. The resolution is recorded without action.

Proposal
WM project

Huffman moved, Alexander seconded, that the area of research, "Procurement Organization and Practices of Large-Scale Food Retailers," be approved for planning. Passed.

Resolution
From WAERC

Huffman moved, Alexander seconded, that the resolution from WAERC be placed in the minutes. Passed.

Resolution from January, 1958, meeting of WAERC is as follows: "BE IT RESOLVED:

1. That the Central Office of the WM-21 project be commended for the research done.

2. That the type of information accumulated, interpreted, and reported experimentally under the project as illustrated by "The Round-Up" be continued as an information service to the Western livestock industry.

3. That this resolution be transmitted to Directors of State Agricultural Experiment Stations and Administrator of the Agricultural Marketing Service, urging that methods be sought for the initiation and continuation of the information service."

Wheeler moved, Briggs seconded, that the resolution submitted by WAERC relative to livestock market information be approved by the Association of Western Experiment Station Directors, and that copies of the resolution be transmitted to ESCOP, Administrator Wells, and Administrator Ferguson.

Policy Committee
For Allocation of
RRF Funds

Henderson moved, Rasmussen seconded, that the Chairman appoint a committee to develop recommendations for our consideration at the summer meeting on policy regarding allocation of RRF money.
Motion lost.

Adjournment

The meeting was adjourned at 10:15 a.m., March 5.

Respectfully submitted,

Harold E. Myers
Secretary

TABLE 1

1958-59

\$238,450

No increase over 1957-58

	WM-13	WM-17	WM-19	WM-20	WM-21	WM-24	WM-27	WM-31	WM-32	WM-36	WM-37	WM-38
STATE	Wheat	Froz.	Fruit	Hay	Lvstk	Hort.	Lvstk	Farm	Pima	Dairy	Lvstk	Co-
:	Frts. & Veg.	& Veg.	&	Info.	Crops	Shrink-	Forest	Cotton	Con-	Transp.	oper-	:
:	Vegts	Pakng	Feed	:	age	Prod.	:	sump.	:	:	:	atives
Alas.			1		1					5,000		
Ariz.			5,300	1					500	5,200	3,900	
Calif.	12,700	C			7,000	9,800*				*		1,000
Colo.			1	6,000*	5,200	5,000				5,000	1 *	1
Haw.	3,000*	1	1		1,900*					1,900	1	C
Idaho	C	5,600				4,500				6,700	2,300	
Mont.			4,100	1,600		1				1	4,100	4,100
Nev.			2,200*	1,000		1,500				1,500	1,000	800
N. Mex.			2,500	500					2,100*		3,600	1,600
Ore.	6,000	5,900*			4,000	3,800				3,000	1	3,500*
Utah			4,000	1						3,000	4,100	1
Wash.	3,700*	5,000	4,800		5,000						4,000	8,000
Wyo.			1,500	1,300		1,000*				1,500	3,000	1
Texas				500							900	
P & C	300	800	600	1,200	850	1,100	200	1,000	200	1,900	2,000	1,600
Trust					14,500							
TOTAL	4,000	27,500	17,100	25,600	26,250	24,200	2,700	24,100	2,800	34,700	28,900	20,600

* Location of Administrative Advisor

Total Economic Marketing \$238,450
2/26/58

TABLE 2

Western Region - Fiscal Year 1958-1959
Recommended Allotments by States

STATE	W-1	W-4	W-5	W-6	W-7	W-8	W-11	W-12	W-16	W-22	W-24	W-25
Arizona	4,400	↑		4,000		5,500	3,100				6,900	5,500
California	5,700		6,500		2,670	6,000	3,000		5,000	4,000	3,550	5,400
Colorado	8,700				2,670	6,500	4,600	2,800	3,500	2,000		4,700
Hawaii	4,500								4,500			2,300
Idaho	5,700						6,000	7,400	1,000	2,000		6,900
Montana	7,000					4,900	3,200		3,500	2,000		3,600
Nevada	5,800						4,000		2,000			3,400
New Mexico	8,700						3,250		2,500		6,250	3,100
Oregon	8,700	8,800	1,000	1,000	2,670		4,700	2,800	2,000	5,500		8,700
Utah	7,000	8,800	3,800		2,670		3,200			5,000		5,400
Washington	6,000	8,800	7,500	27,300	2,670	4,900	4,600	2,800		4,400		3,600
Wyoming	7,500			2,000	2,670		4,550	5,900				7,900
P & C	2,300		1,200	1,700	980	1,200	1,800	1,300	2,000	1,100	300	2,000
Other												
Total	82,000	↓	20,000	36,000	17,000	29,000	46,000	23,000	26,000	26,000	17,000	62,500

TABLE 2 (continued)

Western Region - Fiscal Year 1958-1959
Recommended Allotments by States

STATE	W-27	W-28	W-29	W-30	W-31	W-32	W-33	W-34	W-35	W-36	W-37	W-38
Arizona				6,450	3,600				3,200	3,300		2,500
California		2,500	5,100	1,925	3,450	5,900		4,600	7,600	3,400	2,800	5,200
Colorado	7,300	2,900	6,600	3,425	3,950	5,900	1,000	5,100	3,900		2,800	2,500
Hawaii					2,050				4,000	2,600		
Idaho	4,800	3,200				1,000		3,800	4,600	800	2,800	3,000
Montana	10,100	1,000	3,650	2,025		1,000	3,500	6,000	5,900		2,800	3,500
Nevada		1,500					3,500	7,800	3,800	2,400		
New Mexico				5,450	2,950			4,100		3,100		2,000
Oregon		1,000	6,100	2,125	3,450			4,100		2,900		5,000
Utah	6,170	2,900	7,100	3,425	4,450	2,000	3,500	8,600	6,000			
Washington		4,500	4,150		1,200		3,500	3,000	5,000	2,200		
Wyoming	5,500	1,500	2,250		3,750	2,000	3,500	4,100	4,900	2,600	2,800	2,500
P & C	1,000	2,000	2,550	1,675	1,900	1,200	1,500	1,800	2,000	1,700	1,000	1,500
Other												
Total	34,870	23,000	37,500	26,500	30,750	19,000	20,000	53,000	50,900	25,000	15,000	27,700

TABLE 2 (continued)

Western Region - Fiscal Year 1958-1959
Recommended Allotments by States

STATE	W-39	W-40	W-41	W-42	W-43	W-44	W-45	W-46	W-47	W-48	W-49	W-54
Arizona					2,500	3,700	3,800	550	3,500		2,100	1,000
California	7,700				4,975	3,700	3,900	750			6,100	
Colorado		3,600	6,500	2,000		3,700	3,500	850	1,500		5,400	1,000
Hawaii						2,000						
Idaho			4,300			4,500		400			4,300	1,000
Montana			7,500	2,250		4,500		400		4,000	4,200	1,000
Nevada		5,000						1,000			2,300	1,000
New Mexico				2,250				400				
Oregon		5,500		1,000		3,600	4,500	600	3,000		4,400	
Utah	9,600	6,000		1,500	3,750	4,500		600				1,000
Washington	6,700				3,975	1,800	3,900				6,200	1,000
Wyoming			4,500		2,500			650				1,000
P & C	1,000	900	1,200	1,000	1,300	1,000	2,015	1,800	1,000	1,000	1,300	3,000
Other												
Total	25,000	21,000	24,000	10,000	19,000	33,000	21,615	8,000	9,000	5,000	36,300	11,000

TABLE 2 (continued)

Western Region - Fiscal Year 1958-1959
Recommended Allotments by States

STATE	NEW PROJECTS			
	W-57	W-58	W-59	W-60 W-61
Arizona	12,000 ¹	4,000		
California	5,000	4,500		
Colorado	4,000 ²			
Hawaii		3,500		
Idaho				
Montana		3,600		
Nevada		3,500		
New Mexico	6,000			
Oregon	7,000			
Utah				
Washington		3,000		
Wyoming	5,600	4,000		
P & C	3,400	1,200		
Other				
Total	43,000	27,300		

1 \$4,000 of which is to be used for Amino Acid Pool. All W-57 Technical Committee members from participating States may obtain amino acids from this pool for work on or leading to this project.

2 \$2,000 of which is to be used for statistical and publication expenses for Biochemical and Physical Findings Bulletin (W-4).

TABLE 2 (continued)

Western Region - Fiscal Year 1958-1959
Recommended Allotments by States

STATE	WM-13	WM-15	WM-16	WM-17	WM-18	WM-19	WM-20	WM-21	WM-22	WM-23	WM-24	WM-25
Arizona			2,000									←
California			3,000									
Colorado			2,000									
Hawaii												
Idaho			3,000									
Montana												
Nevada												
New Mexico												
Oregon			2,000									
Utah												
Washington			3,000									
Wyoming												
Texas												
P & C			1,500									
Other												
Total			16,500									→

TO BE SUPPLIED BY THORNE

CLOSED

Western Region - Fiscal Year 1958-1959
Recommended Allotments by States

STATE	WM-26	WM-27	WM-31	WM-32	WM-33	WM-35	WM-36	WM-37	NEW PROJECTS WM-38
Alaska									
Arizona									
California	13,300					3,200			
Colorado						2,700			
Hawaii									
Idaho									
Montana									
Nevada									
New Mexico									
Oregon						3,200			
Utah									
Washington									
Wyoming									
Texas									
P & C	1,700					900			
Other									
Total	15,000					10,000			

Total - W Projects \$1,040,935
Total - WM Economics Projects 238,450

Total - WM Non-Economics Projects 61,500

Grand Total \$1,340,885