

WESTERN DIRECTORS MEETING

March 4, 1957

Berkley

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Meeting called to order by Chairman Fleming at 9 a.m. with the following present:

Name	State or S.E.S.D.
Ralph S. Hawkins	Arizona
Harold E. Myers	Arizona
Alfred M. Boyce	California
F. N. Briggs	California
Robert W. Hodgson	California
Paul F. Sharp	California
H. J. Vaux	California
S. S. Wheeler	Colorado
M. M. Rosenberg	Hawaii
R. D. Ensign	Idaho
J. E. Kraus	Idaho
J. A. Asleson	Montana
J. E. Adams	Nevada
C. E. Fleming	Nevada
Robert H. Black	New Mexico
Albert S. Curry	New Mexico
R. M. Alexander	Oregon
R. W. Henderson	Oregon
F. E. Price	Oregon
N. F. Farris	S.E.S.D.
H. C. Knoblauch	S.E.S.D.
Wynne Thorne	Utah
J. S. Carver	Washington
Lowell W. Rasmussen	Washington
H. M. Briggs	Wyoming

Announcement Director Sharp announced that the Directors were invited to a luncheon at the Faculty Women's Club with Vice President Wellman as host and to a dinner at the Faculty Men's Club with the Sharps and Wellmans as hosts and hostesses. Both events to be held on Monday.

Report Price reported on the activities of ESCOP.

Motion Price moved and Hawkins seconded that the resolution of ESCOP subcommittee regarding publications policy be approved. Passed. The resolution is:

RESOLUTION PERTAINING TO REGIONAL RESEARCH
PUBLICATIONS

"Whereas cooperative regional research has become an important part of the research conducted at State experiment stations,

"And whereas the results of regional research should be published if warranted,

"And whereas the form of publication will be determined by the nature of results obtained--many regional research findings have application to the problems of agriculture in the region where the research was conducted,

"And whereas it is desirable to determine the audience to be reached prior to preparing a publication,

"Therefore, it is suggested that regional associations of directors make available to this Subcommittee a current statement relating to regional publication policy and procedures.

"In regions in which the matter has not been considered, it is suggested that the regional association of directors endorse the policy whereby Administrative Advisers invite an experiment station editor to be present at meetings in which regional publications are planned and further, if such proposed publications are deemed to have extension value, that the desirability of having a subject-matter extension specialist present be considered.

"Move by Starnes to adopt this resolution and that the four Director members of the committee be requested to present this resolution at the next meeting of their respective associations of Directors and encourage its adoption."

Motion Price moved and Thorne seconded that the chairman appoint a committee to prepare a revised statement of policy regarding publication of manuscripts reporting the results of regional research. Passed.

Appointment Price, Sharp, and Briggs appointed with Price as chairman.

Report Briggs (Wyoming) reported on the activities of the President's Commission on the Utilization of Agricultural Products including a meeting of an ESCOP sub-committee with the President's Commission. Knoblauch made additional comments. Great effort is being made to keep any additional work on utilization within the U.S.D.A. and state experiment stations.

Appointment Fleming appointed Price, chairman, Curry and Briggs (Wyoming) to draft a resolution of policy relative to utilization of agricultural products research. (Report was presented Wednesday morning and is included as a part of the minutes of this meeting.)

Report During January, 1957, the Legislative Committee of ESCOP met with Assistant Secretary Peterson, Dr. Shaw, Roberts, and others. Kelso not being present, a report was presented by Knoblauch. On April 3 and 4 the committee will meet again with Peterson and others.

Report Briggs (Wyoming) said that there was no new information to report on ESMRAC since there has not been a meeting since the last session of the Western Directors.

Report Briggs (Wyoming) reported on the activities of the Project Review Committee. The comments on each new or revised project were distributed to the Administrative Advisors. The comments were read by Briggs (Wyoming).

Motion Henderson moved, Ensign seconded, that the recommendations of the review committee for WM projects be approved. Passed. Copy of committee recommendations follows:

WM-15 (replacement) - Effectiveness of Selected Means of Increasing the Consumption of Dairy Products

Committee comments and recommendations:

The regional project is well drawn except it does not indicate an integrated research plan. The attached preface attempts to justify the duplication of effort in the contributing projects. In this attempt they are not successful.

Oregon has drawn a splendid contributing project. It bears on the regional but indicates their ability to recognize, select, and explore a segment. Well drawn contributing projects by some reflect the inadequacy of the approach taken by those states that slightly redo a regional project and hence mask what their true contribution is intended to be.

It is recognized that it is outside the assignment of this committee to approve contributing projects as such. However, we suggest to the directors that after one year the state contributing projects that now only "Minor" the regional project be redrawn as contributing projects or that the regional project be terminated.

The regional project should have one slight editorial addition. Membership should list SESD and ARS; they are now shown as members of the executive committee only. A new member should be assigned as the title has been changed from that of WM-15. We recommend approval for one year only and request a reevaluation of the project by the review committee after state contributing projects have been redrawn (following Phase I) to indicate their true contribution as a segment of the regional project.

WM-23 (Revision) Marketing Western Wool

Committee comments and recommendations:

We recommend approval of the master project. It must have budget attached and contributing projects supplementing the regional before it is forwarded to SESD.

WM-33 Improving the Preservation and Marketability of Beef and Lamb

Committee comments and recommendations:

We recommend approval.

WM-34 Handling Fluid Milk to Increase Market Appeal and Meet Modern Distribution Demands

Committee comments and recommendations:

Recommendation is for approval.

WM-35 Facilitating the Marketing of Seed Through Improved Testing Procedures

Committee comments and recommendations:

The title is limited to the scope indicated in objective No. A. We suggest the project be returned for further consideration. Our specific recommendations are:

1. The project be limited to the scope of developing trustworthy and uniform testing procedures that apply to the marketing of seeds.
2. Contributing projects are to be submitted.
3. Regional project to be cross-referenced to contributing projects.
4. A budget be attached.
5. A redraft be submitted to the Project Review Committee.
6. Coordination should be provided with similar regional projects.

Motion

Henderson moved and Carver seconded that travel reimbursement from Regional Research P and C funds be limited to one official representative of the technical committee per state unless authorized otherwise by specific action of the Western Directors group. Passed.

Motion

Thorne moved, Carver seconded, that the recommendations of the review committee for W projects be approved. Passed. Committee recommendations are as follows:

W-1 (Revision) The Improvement of Beef Cattle Through the Application of Breeding Methods

Committee comments and recommendations:

The project is satisfactory except that objective 6 - "To introduce and test new or derived breeds or types of cattle," has no procedure in the regional project and does not seem to be covered in contributing projects. This objective should be deleted or the regional and contributing projects be reinforced to cover this phase of work.

W-23 (Revised) Evaluation of the Reproductive Potential of Forage Crops

Committee comments and recommendations:

The committee suggests the following editorial considerations:

1. A new number
2. A more descriptive title of the project be sought.
3. A budget be attached.
4. Deletion of "the committee has chosen a chairman" and a statement included as to the annual election of a chairman and other officers.

The committee recommends approval after the above has been accomplished.

W-24 (Revised) Improvement of Mechanized Production and Harvesting of Cotton in the Arid and Semiarid West

Committee comments and recommendations:

The committee recommends approval.

W-27 (Revised) Vibriosis in Sheep

Committee comments and recommendations:

The committee approves the revision of project with commendation.

W-47 Developmental Aspects of Root Growth in Forage Plants

Committee comments and recommendations:

We recommend approval. It is suggested the organization section be editorially changed to leave out the historic reference to the chairman. The administrative advisor and technical committee are requested to watch excessive broadening of the project and to maintain liaison with other related projects.

W-48 Association of Climatic Elements with Crop Production and Plant Improvement

Committee comments and recommendations:

The project is returned with the following recommendations for further development:

1. The regional project should have previous work cited more specifically (literature citations).
2. Procedures should be cross-referenced to contributing projects.
3. Contributing projects should be carefully examined by the technical committee to ascertain their specificity to the problem suggested by the regional study.
4. It appears the project should be sharpened as a study of climate as contrasted to a study of plants. The objectives in the regional project seem bent in this direction in contrast to the emphasis in the contributing projects.
5. We do not feel regional research funds should be used to punch the weather cards for specific stations.
6. The project should be returned to the review committee.

W-50 Effects of Altitude Stresses on the Performance of Laying Chickens

Committee comments and recommendations:

The committee recommends approval with the following changes:

1. Delete "Effects of" from title.
2. Specify citations in section on Previous Work and Present Status.
3. Cross reference procedures to contributing projects other than by just giving titles of state projects.
4. Either the regional project should not show Washington as responsible for sub-minimum temperature studies or that contributing project should not cover their responsibility by a "if funds are available" statement.

5. Project should be approved for five years instead of ten.

W-51 Drainage Design

Committee comments and recommendations:

The project was previously reviewed and we recommend activation if directors allocate money.

W-52 Biochemistry of Herbicidal Action

Committee comments and recommendations:

We approve the project with commendation. It is a well planned approach using basic techniques. We suggest further consideration of two points:

1. Overlap with W-11 should be watched and duplication avoided.
2. The organization allows more than one representative (limited to one vote per state). Should more than one person per state be allowed to travel on regional funds? This point should be decided by the Directors.

W-53 Insects and Mites Affecting the Production of Grass Seed

Committee comments and recommendations:

We recommend approval after the procedures have been cross referenced to contributing projects. Also control methods should be mentioned in the regional or deleted from one (Washington) contributing project. Since the project is exploratory we recommend a duration of three years rather than five.

W-54 Appraisal of Opportunities for Adjusting Farming to Prospective Markets

Committee comments and recommendations:

It is suggested the project be returned to the committee for consideration of the following points:

1. Attach a budget.
2. Cite references to previous work.
3. Have concise and well stated objectives.
4. Make procedures explicit enough that a reviewer knows what is to be done and who will do it. This indicates more detail and cross references to contributing projects.
5. Must be accompanied by well drawn contributing projects. The Montana project is such an example.

6. We have no objection to the attached memorandum of agreement but feel the regional project and contributing projects should be much more explicit than this and not an apparent rephrasing of a memorandum of agreement.

7. The project must be resubmitted to the review committee.

W-55 Viruses of Strawberries, Raspberries, and Blackberries; Their Occurrence, Behavior, and Effects

Committee comments and recommendations:

We approve the project but suggest the following editorial considerations:

1. Delete colon from title. We suggest the title might read "The Virus Diseases of Strawberries, Raspberries, and Blackberries."
2. Cross references to contributing projects should be reexamined so they are clearly indicative of the existing contributing projects.

W-56 The Role of Nematodes in Root Diseases of Economic Plants

Committee comments and recommendations:

The project is very exploratory in nature. Because of this we recommend approval with a revision in two years so they will:

1. Be working on similar groups of nematodes and/or plants.
2. Have a more coordinated attack.
3. Be more specific in their approach on basic aspects of the problem or problems involved. By that time objectives 1 and 3 should be completed.

The committee should reevaluate the advisability of activating objective 4 at this time.

W-57 Amino Acid Utilization As Affected By Dietary Factors

Committee comments and recommendations:

We approve the project but suggest an editorial revision in the objectives and procedures section. This should more clearly indicate the experimental approach and the specific relationships of the state contributing projects to the regional project. It will help reviewers if the basic aspects are delineated from the testing of specific food crops. Reasons why specific food crops are used should be indicated (a common source of carbohydrate or a specific amino acid or a known deficiency). The above with cross references to state contributing projects will be more explanatory than a list of state projects in the procedure.

We feel the various contributing projects are well designed.

W- Biology and Control of Snow Molds of Winter Wheat

Committee comments and recommendations:

We recommend the project be returned to the technical committee for:

1. Addition of contributing projects.
2. Expand section on procedures and indicate what is to be done and cross reference to contributing projects.
3. This is to be returned to the review committee.

This project is in the planning stage only.

Policy

Regionals project proposals should go to all Directors and not just to the review committee.

Action

Administrative Advisors of new or revised projects approved for activation July 1, 1957, must submit project outlines in triplicate to Director Fleming by March 18, 1957 who will submit the same to Dr. Farris, S.E.S.D., by March 23, 1957.

Report

Dr. Knoblauch reported from S.E.S.D. Budget hearing, reorganization of A.R.S., Comprehensive Review Service to the State Agricultural Experiment Stations, man power survey*, Western Agricultural Economics Research Council, A.R.S. participation in regional research, summary of state expenditures of experiment stations for the year ended June 30, 1956, Clerk of House Appropriation Sub-committee investigation of the use of federal grant funds in 4 states (California, Missouri, Georgia, and Texas), and procedural problems were discussed.

Report

Myers reported on the committee work dealing with soil and water conservation research expenditures. Reports had been received from all but two states.

Suggestion & Action

Briggs (Wyoming) suggested a uniform procedure in distributing annual reports. It was agreed that the administrative advisor distribute the reports to the Directors and to S.E.S.D. The chairman of the technical committee should distribute the reports to the members of technical committee.

Suggestion

Curry suggested that S.E.S.D. take the initiative in developing a form with instructions for use covering all elections and appointments required of the Directors at the annual Land Grant College meeting.

Motion & Suggested Action

Moved by Curry, seconded by Sharp, that S.E.S.D. take the initiative in developing a form with instructions for use in covering all elections and appointments required of the Directors at the annual Land Grant College meeting. Passed.

* Report attached

Suggestion Price suggested a manual of policy and procedures for Western Directors.

Action Moved by Sharp, seconded by Thorne, that Myers, chairman, Henderson, and Briggs (Wyoming) constitute a committee to go through the minutes of the Western Directors and select from the minutes those items dealing with policy and compile them into a manual of procedure, this compilation to be distributed to all Directors. Passed.

March 5, 1957

9 a.m. The group met with Dr. Copley and his staff of the Utilization Laboratory. An interesting and informative program had been arranged.

2:15 p.m. Meeting reconvened on the campus.

Discussion Possible regional support for the Pink Bollworm Laboratory at Brownsville, Texas, was discussed.

Motion Black moved, Hawkins seconded, that chairman appoint a committee to look into the matter of giving aid to the Pink Bollworm Laboratory at Brownsville, Texas. Passed.

Appointment Black, Boice, and Myers, chairman, appointed.

Discussion The proposed Home Economics Foundation was mentioned by Kraus, but no action was considered to be necessary.

Report Report of Administrative Advisor for Western Agricultural Economics Research Council was given by Asleson.

Motion Moved by Asleson, seconded by Alexander, that the committee on marketing research of the Western Agricultural Economics Research Council be authorized to hold one meeting each year with expenses to be provided by the Farm Foundation. Passed.

Motion Moved by Thorne, seconded by Rosenberg, that all new project proposals proposed for activation July 1, 1958, will be held without action until the July meeting. No interim approval will be given for regional meetings, nor will advisors be appointed until the July meeting. Passed.

Report Briggs (Wyoming) reported on Committee on Research Evaluation which includes research needs of A.R.S. and State Experiment Stations. This report will be presented jointly to the Budget Bureau and Congress. The research needs are projected for a 10-year period.

Discussion The Dairy Herd Improvement and Dairy Cattle Breeding study proposed by the Northeastern Directors was discussed.

- Motion Thorne moved, Curry seconded, that the Western Directors approve the recommendation of the Northeastern Directors that the analysis of Dairy Herd Improvement and Dairy Breeding Records on a national basis be made by the A.R.S. rather than through an interregional project. Passed.
- Discussion The recommendation of the North Central Directors relative to hybrid sorghum was discussed.
- Motion Henderson moved, Rosenberg seconded, that we concur in an early meeting of the Sorghum Research Committee to consider possible revision in the policies concerning release and naming of sorghum hybrids and genetic materials. Passed.
- Clarification Thorne represents the Western Directors on the National Soil Survey Committee.
- New Project WM-36 assigned for WMXX, Increased Dairy Consumption
Number
- Motion Moved by Henderson, seconded by Rosenberg, that the termination date of WM-17 be extended to June 30, 1960. Sharp proposed an amendment to delete "to June 30, 1960" from the motion. Wheeler seconded amendment. Passed. Motion as amended passed.
- Motion Alexander moved, Adams seconded, that WM-19 be extended. Passed.
- Motion Briggs (Wyoming) moved, Ensign seconded, that the motion and amendment to WM-17 and the motion relative to WM-19 be rescinded and that these problems be handled by the regular budgeting procedure accorded all projects. Passed.
- Motion Moved by Thorne, seconded by Price, that the Directors authorize the Western Soil and Water Research Committee to continue operation for one more year under the proposed memorandum submitted in 1956, the memorandum to be presented for action of the Directors in 1958. Passed.
- Discussion Carver discussed W-8 project.
- Project Wheeler reported on the urgent need for accelerating the testing of inbred lines of beef cattle in commercial herds. He suggested that the Extension staff be encouraged to enter into the testing program.
Reports
- Title Change Henderson moved, Ensign seconded, that "and other methods" be deleted from the title of W-12 so that the revised title will be "Control of Root Rots and Viruses of Dry and Snap Beans by Breeding." Passed.
W-12
- Assign W-58 to revised project W-23. (Evaluation of the Reproductive Potential of Forage Crops.)

Technical Committee Representative to IRM-1

- Motion Price moved and Kraus seconded a motion to name Dr. E. H. Ward of Montana as the Western Regional Representative of IRM-1 Technical Committee for a four-year term. Passed.
- Summer Meeting 1957 Price moved, Ensign seconded, that the summer meeting for 1957 be in Logan, Utah, on July 10, 11, and 12, 1957. Passed.
- Motion Moved by Kraus, seconded by Curry, that marketing money be \$360,000 (23%) for 1957-1958. Passed. This motion is superseded by a subsequent motion which was passed.
- Motion Moved by Sharp, seconded by Myers, that the W projects through number 30 remain at the \$3 million level as approved July 17, 1956 through 1960. Lost.
- Motion Moved by Thorne that above motion be limited to 1957-1958, seconded by Price. Passed.

March 6, 1957

9 a.m. Meeting resumed

- Motion Moved by Thorne, seconded by Hawkins, that the Administrative Advisor of W-51 be changed from Thorne to Price. Passed.
- Comment Knoblauch reported that 22.9% of the R & M Hatch funds at the national level were assigned for marketing research as of the end of February for fiscal year 1957. Several states had assigned a lower amount than the 20.6% required, including a few from the Western Region.
- Resolution: Curry reported for the committee appointed to prepare a resolution of policy relative to utilization of agricultural products research. The resolution follows:

RESOLUTION

"The Western Directors recognize the need for additional research on industrial and non-food utilization of agricultural products and propose to E S C O P the following statement of policy:

The U. S. D. A. and the State Agricultural Experiment Stations have had a long period of experience with research on utilization of agricultural products and are in an excellent position to assume enlarged responsibility in this area. It is recommended, therefore, that when expanded research is planned on industrial utilization of agricultural products primary responsibility for the program be assigned to the U. S. D. A. and that the personnel and facilities of the U. S. D. A. and State Experiment Stations be used in the initiation and conduct of the program. It is also recommended that provision be made for the use of all public and private research institutions and agencies qualified to conduct research in the area of utilization of agricultural products."

- Motion Moved by Curry, seconded by Adams, that the resolution be approved and copies transmitted by the secretary to the chairman of ESCOP and to the chairmen of the Directors of the other three regions. Passed.
- Motion Moved by Wheeler, seconded by Ensign, that \$4,050 be left unallocated subject to later allotment. Passed.
- Motion Moved by Briggs (Wyoming), seconded by Thorne, that for the fiscal year 1957-1958 a total of \$374,700 be budgeted to marketing projects; this recognizes the request of W.A.E.R.C. for \$252,700 for economic marketing projects and allocate \$122,000 for non-economic marketing projects. We also allocate \$1,185,700 for W projects and hold \$4,050 for future allocation. This accounts for a total 9b3 budget of \$1,564,450 at the \$4½ million increase level. Passed.
- Motion Moved by Briggs (Wyoming), seconded by Hawkins, that our representatives on the Committee of Nine be given authority to make such adjustments as may be necessary in the budget in event the monies appropriated by Congress are other than the \$4½ million increase level for which we have budgeted. Passed.
- Motion Moved by Sharp, seconded by Curry, that Myers be administrative advisor for W-57. Passed.
- Motion Moved by Henderson, seconded by Curry, that in view of the extraordinary hospitality accorded to the Western Directors and their families, that the secretary be instructed to appropriately express our sincere appreciation to Director and Mrs. Sharp, Vice President and Mrs. Wellman, and their associates. Passed.
- Action Copies of missing data in budget sheets are to be sent to the secretary with copies to all Directors and Dr. Farris.
- Appointment Myers appointed administrative advisor of a Pink Bollworm Committee with New Mexico, California, and Arizona participating.
- Adjournment 12 noon

Respectfully submitted by:

Harold E. Myers, Secretary
Western Experiment Station Directors

PERSONNEL DEMAND AND SUPPLY

STATE AGRICULTURAL EXPERIMENT STATIONS (1)

Part 1

Replies	49
Positions	
Created	575
Filled	415-71% filled
To be Filled	160 (U.S.D.A. filled 54% of new posi- tions created.)
Experience in Filling Positions	
Difficulty	6
Slight Difficulty	14
No Difficulty	29
Subject Matter Areas Where Difficulty Was Encountered in Recruiting (Frequency of Occurrence)	
Agr. Econ. & Mktg.	22
Agr. Engin.	19
Chem.	9
Home Econ.	9
Vet Sci.	7
Animal Sci.	6
Plant Path.	6
Ent.	5
Bact.	4
Genet.	4
Agron.	3
Biochem.	3
For.	3
Plant Physiol.	3
Soils	3
Food Technol.	2
Poultry	2
Statis.	2
Hort.	1
Publications	1
Range Management	1
Sociol.	1
Soil Physics	1
Competitive Salary	
No	19
Aver.	16
Yes	14

(1) Based on Survey Conducted January 1957

PERSONNEL DEMAND AND SUPPLY
STATE AGRICULTURAL EXPERIMENT STATIONS 1/

Part 2

A. Use of increased funds for 1958

Yes -- 41
 Qualified -- 8
 Limited space 3
 Salary increases 4
 Difficult 1
 Probably 1

B. Personnel in training

<u>Degree</u>	<u>Supply</u>	<u>Demand</u>	<u>Excess</u>	<u>Home Economics <u>2/</u></u>
Bachelor's	6554	617	5937	205
Master's	1951	337	1614	41
Doctor's	912	300	612	1
DVM <u>2/</u>	236			

C. Competitive Status

Good or yes - 16
 Fair - 20
 Poor or no - 13

Raises Planned

Yes - 42
 No - 5

Amount of Raises

0 to 35 per cent. Average 15 - 17 per cent. Most of these are dependent on legislative action in current sessions.

1/ Based on survey conducted January 1957.
2/ Where reported separately.

Wester Region - 1957-58
Recommended allotments by States

State	W-1	W-4	W-5	W-6	W-7	W-8	W-11	W-12	W-16	W-22
Arizona	4,400	7,000*		4,000		5,000	3,100			
California	5,700	6,000 ¹	5,500	*	2,720	5,500	3,000		5,000	4,000
Colorado	8,800*	4,000 ²			2,720	5,900	4,600	2,800	3,500	2,000
Hawaii	4,500								4,500	
Idaho	5,700						6,000	7,400	1,000	2,800
Montana	7,000					4,900	3,200		3,500	2,000
Nevada	5,800						4,000		2,000*	
New Mexico	8,800	6,000					3,250*		2,500	
Oregon	8,800	5,000	2,000	1,000	2,720		4,700	2,800*	2,000	5,000*
Utah	7,000	2,000	3,800		2,720		3,200			5,000
Washington	6,000	10,000	7,500*	27,300	2,720*	4,900*	4,600	2,800		4,400
Wyoming	7,500			2,000	2,720		4,550	5,900		
Texas										
P & C	2,000	3,000	1,200	1,700	680	1,200	1,800	1,300	1,000	800
Other						1,600			1,000	
Total	82,000	43,000	20,000	36,000	17,000	29,000	46,000	23,000	26,000	26,000

1. \$500 for bulletin
 2. \$2,000 for analysis
- * Administrative Advisor

Western Region - 1957-58
Recommended allotments by States

State	W-24	W-25	W-27	W-28	W-29	W-30	W-31	W-32	W-33	W-34
Arizona	6,900	5,500				6,600*	4,250*			
California	3,550	5,400		1,000	5,200	2,000	3,750	7,000		4,600
Colorado		4,700		3,500	6,700	3,500	4,250	7,000	3,000	5,100
Hawaii		2,300					2,500			
Idaho		6,900		1,000				3,500		3,800
Montana		3,650	*	1,500	3,700	2,100		2,000	3,000	6,000
Nevada	*	3,450*		1,600					3,000	7,800*
New Mexico	6,250*	3,150				5,600	3,250			4,100
Oregon		8,750		1,000*	6,200	2,200	4,000			4,100
Utah		5,400		3,200	7,200*	3,500	4,500	5,000*	4,000*	8,600
Washington		3,600		4,700	4,200		1,200		3,000	3,000
Wyoming		7,900		2,000	2,300		3,800	3,500	3,000	4,100
Texas										
P & C	300	1,800		1,000	2,000	1,000	1,500	1,000	1,000	1,800
Other										
Total	17,000	62,500	37,500	20,500	37,500	26,500	33,000	29,000	20,000	53,000

* Administrative Advisor

Western Region - 1957-58
Recommended allotments by States

State	W-35	W-36	W-37	W-38	W-39	W-40	W-41	W-42	W-43	W-44
Arizona		3,800		2,700					2,500	2,900*
California	7,800*	4,500	2,800	5,200	7,700		*		4,975*	5,000
Colorado			2,800*	3,500		4,600	8,000	3,500*		4,500
Hawaii	4,200	1,300								4,000
Idaho	5,400	3,000	2,800	3,000		*	5,800			1,200
Montana	6,500		2,800	3,500			9,000			4,500
Nevada	3,800	2,700				5,000				
New Mexico		3,800*		2,500				3,500		
Oregon		3,300		5,000*	*	5,500		3,000		4,500
Utah	6,700				9,600	6,000		3,000	3,750	5,150
Washington	5,200	2,600			6,700				3,975	
Wyoming	5,400	3,400	2,800	2,500		3,000	6,000		2,500	250
Texas										
P & C	1,700	1,600	1,000	2,100	1,000	900	1,200	1,000	1,300	1,000
Other										
Total	46,700	30,000	15,000	30,000	25,000	25,000	30,000	14,000	19,000	33,000

* Administrative Advisor

Western Region - 1957-58
Recommended allotments by States

State	W-45	W-46	W-47	W-48	W-49	W-50***	W-51***	W-52***	W-53***	W-54***
Arizona	3,400	3,800	3,500			1,300				2,125
California	3,300*	5,000	2,000			3,500	3,500	1,900	*	
Colorado	3,000	3,500	4,000			2,100				2,125
Hawaii							3,000			
Idaho		2,400	*			1,700				2,125
Montana		3,200		4,000*						2,125*
Nevada		3,400					3,000			2,125
New Mexico		2,800				1,300		*	1,800	
Oregon	4,000	4,100	3,000	C**			*	4,700	2,400	
Utah		3,700				1,300	3,500			2,125
Washington	3,500					*		3,500		2,125
Wyoming		3,700	2,500			2,500				2,125
Texas										
P & C	1,800	1,900	1,000	1,000		1,300	1,000	900	800	3,000
Other										
Total	19,000	37,500	16,000	5,000	40,000	15,000	14,000	11,000	5,000	20,000

* Administrative Advisor
** Contributing Project
*** Awaiting approval or funds

Western Region - 1957-58
Recommended allotments by States

State	W-55***	W-56***	W-57	W-58
Arizona		3,000		4,000
California	5,000			4,500
Colorado				
Hawaii		2,000*		3,500
Idaho				*
Montana				3,600
Nevada				3,500
New Mexico		2,000		
Oregon	5,200*	4,200		
Utah				
Washington				3,000
Wyoming				4,000
Texas				
P & C	800	1,500		1,200
Other				
Total	11,000	12,700		27,300

* Administrative Advisor
*** Awaiting approval or funds

1185400

400

Western Region - 1957-58
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
Arizona			2,000				6,500	4,000		
California		*	3,000*	10,200		5,300				
Colorado		800	2,000		3,700			4,000*	4,000*	3,500
Hawaii				3,200*						
Idaho			3,000			5,000				
Montana	3,000*						3,000	1,600	3,000	4,400
Nevada							2,200*	2,600		
New Mexico							2,500	3,600	3,500	5,300
Oregon			3,000	8,000		7,000*				3,400
Utah					5,000			2,000	4,600	3,000*
Washington	5,700	1,000	3,000	6,800	5,700*	6,000				
Wyoming							1,800	700		5,300
Texas								500	900	3,100
P & C	600	600	1,000	800	600	400	500	1,500	800	2,000
Other								15,500		
Total	9,300	2,400	17,000	29,000	15,000	23,700	16,500	36,000	16,800	30,000

* Administrative Advisor

Western Region - 1957-58
Recommended allotments by States

State	WM-24	WM-25	WM-26	WM-27	WM-31	WM-32	WM-33***	WM-34***	WM-35	WM-36
Alaska										5,000
Arizona						500	6,300*	1,845		5,200
California	6,000				11,000*		4,100	1,845*		
Colorado	3,600				4,000		4,800	1,845		3,100
Hawaii	2,000*									2,000
Idaho		4,400	*		5,300			1,845		6,000
Montana				3,000				1,845		2,000
Nevada				2,000						1,200
New Mexico						2,000*				
Oregon	4,800				4,000		6,100	1,845	*	4,600
Utah								1,845		
Washington	5,300	7,000*						1,845		
Wyoming				3,000*			4,500	1,845		3,500
Texas										
P & C	800	300		300	900	200	1,200	1,395		1,000
Other										
Total	22,500	11,700	20,000	8,300	25,200	2,700	27,000	18,000	10,000	33,600

* Administrative Advisor
*** Awaiting approval or funds

TOTAL \$1,560,400
(Note: \$4,050 Unallocated)

374700
374700

1,564,450