

MINUTES OF MEETING OF WESTERN EXPERIMENT STATION DIRECTORS
February 14, 15, 16, 1955
Davis, California

February 14, 1955

Meeting called to order by Chairman Kraus at 9:07 A.M. Present: Price, Fromme, Wheeler, Kelso, Jasper, Buchanan, Alexander, Crandall, Walker, Briggs (California), Bertrand, Fleming, Eckert, Briggs (Wyoming), Curry, Sharp, Kraus, Henderson and Wood.

Review of minutes of Washington, D. C., meetings in November, 1954

Secretary was instructed by motion by Buchanan that was passed to correct third paragraph on page 4 as follows.

The group was asked to establish priority ratings on these four projects. The Directors were reminded that the tree fruit repository project had been approved by the Western Directors at their Las Cruces, New Mexico, meeting last spring. A tentative outline was submitted to the Directors by Kraus under date of August 24, 1954. The group seemed in general agreement that this project should be given No. 1 priority, and a motion to that effect was made by Briggs, seconded by Henderson, and carried. No action was taken on priority of the other three.

Sharp raised question about target levels for new projects on soil and water conservation, \$25,000 and \$41,000, which were omitted from minutes and should have appeared on page 9.

Report from Office of Experiment Stations

Director Fromme reported on new staff in Office of Experiment Stations. R. E. Ely will be new staff member in Animal Nutrition; Paul Jehlic will be new staff member in Rural Sociology; Laura Odlund will be new staff member in Home Economics. Fromme reported on proposed increases in agricultural research budgets as follows.

Research Items in 1956 Budget

	<u>1956</u>	<u>Increase</u>
ARS	\$37,684,000	\$2,331,000
Payment to states	24,753,708	5,300,000
FS	7,254,000	716,000
AMS	10,981,000	766,000

Payment to states as percent of:

Total	39.7
Total Dept. Res.	30.7

Fromme gave an off-the-record report on Congressional hearings on agricultural budget attended by Elting and Knoblauch. Suggested that Directors work out proposed budget on basis of some less than \$5,300,000 level.

Eckert inquired regarding action taken by Secretary of Agriculture on resolution of Directors relative to O.E.S. He was advised that no action has been taken yet.

Title II contract work with USDA

Fromme suggested that subject of contract research with USDA be discussed with Byron Shaw at next meeting of ESCOP. Sharp objected to patent clause. Walker objected to reimbursement procedure which requires state to advance funds.

It was agreed that better coordination is needed. Kraus referred to Dr. G. B. Wood's letter of February 2 to Western Directors. Consideration by ESCOP agreed desirable. Our ESCOP representatives are to see that this is discussed by ESCOP.

Reports on Marketing Projects

WM-1, Marketing Dairy Products, reviewed by Sharp. Reported that project is going along in "reasonably good shape." Most of work has shifted to WM-15 and this is last year of WM-1. Lack of continuity in membership of technical committee has presented difficulties. Committee is now reasonably well stabilized. Wheeler asked whether project is studying problem of flush periods of milk production.

Agenda was changed to permit discussion by Earl D. Schlaman, Director of Commodity Service of California Farm Bureau Federation relative to following resolution.

Fluorine Discussion

The 1955 policy resolution of the American Farm Bureau Federation relating to agricultural research includes the following:

We have consistently supported the development and expansion of agricultural research. Applications of research results have contributed to increased efficiency in agricultural production and marketing. In recognition of the importance of research, we actively supported recent increases in appropriations.

We favor further increases in funds for agricultural research from both federal and state sources. Present formulas for allocating funds should be simplified and consolidated.

We, the State Farm Bureau Presidents and Secretaries of the Western Region of the American Farm Bureau Federation believe that federal regional Hope-Flannagan research funds should be allocated on the basis of subject matter problems rather than on a strict division of funds between the several state experiment stations. Many agricultural problems in need of research are regional in nature. To solve such problems will require the cooperation of the state experiment stations and the federal research agencies of the Agricultural Research Service in planning, financing, and consolidating the desired research. This type of regional approach to research would require a central location where fundamental research would be conducted on a particular problem with field investigations being conducted at desired locations within the regional problem area. When research findings are ready for release, they should be made available to all interested parties. It is our belief that this approach is a sound method of conducting agricultural research and that its use would result in maximum accomplishments per dollar of expenditure.

There is presently a need for a regional research project to study the damaging effects to livestock, crops, soils and people caused by fluorine and other gases which are released into the air during industrial operations.

In addition, the research project should study corrective measures to stop the damages in all locations of the problem area. These problems are especially serious in most, if not all, of the states of the Western Region.

We request that the Western State Experiment Station Directors, while meeting in Davis, California, February 14-16, 1955, approve a regional project to conduct research on this subject using Western Regional Research funds included in the fiscal year 1955-56 appropriations. This project should be planned and initiated not later than July 1, 1955.

Henderson questioned statement by resolution relative to division of funds and pointed out that 9b3 funds were allocated strictly on subject matter basis.

Price discussed research conducted in Oregon and Washington on fluorine problem. Nature and extent of damage to livestock and certain crops was determined. He and Buchanan emphasized that future work should be of fundamental nature of a type that would be of national rather than local significance.

Walker reviewed background leading up to this resolution, including his meeting with Directors of Farm Bureau Federation. Problem reviewed with Byron Shaw but no item is included in USDA budget at present time. Shaw suggested use of 9b3 regional funds. George Irving is serving on Federal interdepartmental committee considering the air pollution problem.

Kraus advised Mr. Schlaman that consideration would be given to resolution.

Kelso moved, seconded by Wheeler and Eckert, that technical committee be established by Western Directors to study and coordinate fluorine research and develop western regional research project on fundamental phases. Carried unanimously.

WM-2, Marketing Deciduous Tree Fruits, reviewed by Buchanan. It will be closed June 30, 1955. New project may be proposed within next two years.

WM-4, Marketing Livestock, reviewed by Wheeler. Final phases of publication to be completed by June 30, 1955. Wheeler inquired regarding allocation of \$300 to Oregon Station for publication. Alexander advised him that this would not be needed for that purpose and would be transferred to trust fund.

WM-21, Livestock Marketing Information, reviewed by Wheeler. Project now getting fairly well under way.

WM-22, Sheep and Lamb Marketing. Very little accomplished to date since project just got under way this year. Idaho will submit contributing project to be activated July 1, 1955. Executive committee has been acting for both WM-21 and WM-22 which aids good coordination. States will be billed soon for salary of Wootan, AMS man employed February 1, 1955. In the future, provision for Wootan's salary in trust fund may be made to avoid red tape in present set up.

Recessed for lunch. Resumed at 1:00 P.M.

WM-5, Wool Marketing, was reviewed by Briggs of Wyoming. Committee of Nine had made suggestions for review. These have been incorporated in project outline dated January 28, 1955. New chairman of technical committee, Neal of New Mexico, will not take over until July 1. Change in membership was one cause of delay in getting project outline revision completed. The revision from Wyoming has informal approval of the technical committee. There has been a problem in getting data in a standardized objective form that could be used throughout the region.

Buchanan stated that Agricultural Economics Council had proposed dropping of WM-5 because they did not believe it provided for economic marketing phases. Huffman studied it for the Council and reported it did not contain, for all practical purposes, economic objectives according to Wood. (Directors may wish to refer to Huffman's letter of February 2, 1955, to Western Agricultural Economics Research Council.) Briggs maintained that provision was made for economic consideration. Buchanan again expressed the view that economists thought that the project was okay but was not an economic project although it is a marketing project.

Kraus asked whether technological phase or economic phase was most important. Price and Briggs (Wyoming) thought they were inseparable. Curry objected to draft from Wyoming limiting procedure to ASTM standards. Briggs stated that it is not limited to ASTM standards. Briggs thought New Mexico contributing project was applicable under either draft of project, provided that certain phases of New Mexico project be carried under other state projects.

Kelso suggested two ways of resolving problem:

1. To do as Council indicated, setting up two projects, one as economic marketing, and the other as non-economic marketing. Problem complicated because of need for services of both economists and technologists.
2. Those states that so choose designate two members (one economist and one technologist) to technical committee. In this case this enlarged committee would develop revisions needed.

Moved by Kelso and seconded by Buchanan that WM-5, Wool Marketing, technical committee be enlarged to provide for members from both Agricultural Economics and Wool Technology from each state and that each member be a voting member with full privileges including travel expenses, and that technical committee be reorganized at its first meeting. Carried without dissent.

Sharp suggested that it was a poor procedure to have "lame duck" technical committees.

WM-12. Marketing Forage and Pasture Seeds, reviewed by Buchanan. Will close June 30, 1955. He stated that good work was done by Idaho on this project. Idaho is to publish results.

WM-13. Wheat Marketing, reviewed by Kelso. Established good coordination with Northcentral Project NC-11. Also asked Food Research Institute of Stanford University to participate in technical meetings. This participation was very valuable and the committee requested that Dr. Working of the Institute be considered as an official member of the committee. Arrangements have been made to effect this, including payment of travel expenses. Program of research is to be continued without major change. A publication by the Oregon Station is being proposed.

Sharp expressed concern about outside groups trying to put pressure on technical committees. He believed we should give careful consideration to bringing outsiders into committees. In this case, the representative was a member of a technical research institution although not a member of the land grant system. Fromme stated that SFI representative could have expenses paid.

WM-14. Marketing Head Lettuce, reviewed by Eckert. Reported considerable progress with publications beginning to appear.

WM-16. Maintaining Grain Marketability, reviewed by Henderson. The annual progress report and the minutes of the recent technical committee meeting were distributed. He conveyed the recommendation of the committee that sufficient funds be added to the project budget to enable activation of contributing projects on the Khapra beetle problem from Arizona and California.

Directors consider this as a non-economic marketing project and wish to continue it as a marketing project.

WM-17. Frozen Fruits and Vegetables, reviewed by Sharp. Work just getting started.

WM-18. Eggs, reviewed by Eckert who claims to know now whether the egg or chicken came first. This project finances completion of WM-7. It is being revised and progress is being made. On average they have found that it takes two weeks to get eggs from hen to consumer.

WM-19, Vegetable Handling, was reviewed by Buchanan. Buchanan stated that he was very pleased with progress because an attempt is being made to lead the way rather than to find out what happened. Will consider layout of plants as related to new packaging materials.

WM-20, Hay Marketing, reviewed by Kelso. Work barely under way. Largely concerned with qualitative description of movement of hay in the Western states. Feed handlers, dealers, farmers being contacted to further explore movement and to arrange for future work.

The Council is studying procedure for evaluation of work. Council has developed criteria which it will encourage technical committee to use.

Kraus expressed need for getting projects ready to review sooner. Council has committee working on development of projects in advance of availability of funds.

Price raised question on whether we have kept marketing industry apprised of our work so that we have their support and confidence.

Briggs of Wyoming and Kraus expressed appreciation of the group to Dr. Wood for coming to the meeting.

Review of Non-Marketing Reports

W-1, Beef Breeding, reviewed by Wheeler. Nearly 60 papers prepared from results of this project. In regard to earlier confusion on dwarfism research, he stated that differences of opinion in evidence at earlier meetings of technical committee have been resolved. Settling down to fundamental studies on dwarfism. Personal observation made by Wheeler that things are cooling down and workers are putting energy into objective channels. Considerable dissatisfaction caused by history of allocation of USDA funds to W-1. Historically, allotments were made to states in partial support of W-1 activities after Directors have made state allocations. This has resulted in shifts in emphasis different than intended by the technical committee. Madsen has indicated desire to cooperate with committee by providing committee with advance information. Such cooperation has been received in W-7. Wheeler referred to project proposal circulated to Directors on "Breeding Failure in Beef Cattle." He was opposed to this being added to W-1.

W-2, Dairy Cattle Breeding Failures, reviewed by former advisor, Buchanan, and the new advisor, Briggs (Wyoming). Nearly 20 papers have come from project, and both advisors are satisfied with progress. Contributing projects have changed considerably since work was started.

W-4, Nutritional Status, reviewed by Sharp. He commended committee on conscientious handling of funds. Publications have been numerous. Summary of work during last several years is being prepared by Dr. Morgan. Committee has prepared a proposal for new work on cholesterol.

W-5, Avian Respiratory Diseases, reviewed by Price. Group settling down and working better in planning as a technical committee. Recommendation has been made to have annual meeting of representatives of project from each region with location of meeting rotating. Each state will exchange reports. Interregional contacts have been very worthwhile. Washington has completed one contributing project and is presenting two new ones. Idaho is also presenting a contributing project.

W-6, New Plants, reviewed by Kraus. Committee in good agreement on objectives. New contributing projects from Arizona and Oregon approved by technical committee. Arizona project will serve southwest summer rainfall area. Oregon will provide repository for new pear germ plasm. Kraus discussed March 25-26 meeting of National Advisory Committee at Washington, D. C. He and committee agreed that chairman of technical committee, administrative advisor, regional coordinator should attend meeting. Fromme advised that USDA should pay for coordinator. Question was raised whether operational funds could be used. Dr. Fromme saw no objection to this. Copies of Oregon contributing project were distributed.

W-7, Turkey Breeding, reviewed by Wheeler. Wheeler stated that there was excellent exchange of information between regions and with industry.

W-8, Rural Housing, reviewed by Sharp. Have been studying space requirements and area requirements of different parts of the house. Sharp is trying to get them to complete this phase and start work on climatic conditions as affected by different types of structures, etc. Washington is being helpful in summarizing information in a form that will be useful to architects. California has an engineer serving in this capacity. These two have been added to the committee and their expenses will be paid. It will probably take two years to get publication out on summary of space requirements.

W-11, Weed Control, reviewed by Curry. Committee functioning very smoothly. Tentative state allocations proposals have been developed by committee. Next meeting will be in Boise on March 21, 1955, preceding meeting of research section of Western Weed Conference.

W-12, Bean Diseases, reviewed by Kraus. Considerable progress in short time. Inheritance of a bean mosaic worked out. Promising sources of resistance to certain root rots found. Emphasis in future to be given to root rot problem. Summary of survey on root rots prepared. Wyoming to take lead in root rot study. California has been urged to join this project.

W-16, Economics of Range Land Improvement, reviewed by Fleming. Resume of work under way included in progress report. Technical committee meets with W-25 committee for a joint half-day discussion of mutual problems. All three phases of project progressing satisfactorily. Six publications have been made and some practical results are available. New phases are being developed for future consideration. Cooperation with the Bureau of Land Management and the Forest Service has been good.

W-25, Range Improvement, reviewed by Fleming. Committee working diligently and progress is very satisfactory, according to Fleming.

W-22, Fruit Viruses, reviewed by Kraus. Although just activated, committee has been meeting regularly for over 5 years so it was easy to get under way. Objectives revised to permit inclusion of Montana and Colorado contributing projects. Directors approved proposed change in objectives without dissenting vote. Revised copy of first page is to be sent to the Office of Experiment Stations.

W-23, Forage Crops, reviewed by Henderson. Moved and passed that present project be split into one on forage production and one on forage breeding. Oregon, Colorado, and Utah contributing projects would fall under latter. Henderson relayed the following recommendations made by W-23 technical committee to the Directors. Indicated in discussion that these recommendations should be pulled out and put before the Directors for their further thinking. Henderson is to send list to Kraus.

"It was moved by Dr. Bennett that "The Western Directors be requested to give consideration to regional support of forage research on wet and/or salted meadows, with emphasis on establishment and management of forage, to supplement work under way under Regional Project W-23." The motion was seconded and passed.

It was moved by Dr. Dean McAllister that "The Western Directors be requested to give consideration to regional support of harmful forage insect research." The motion was seconded and passed.

It was moved by Dr. Laude that "The Western Directors be requested to consider the establishment of work on 'The root development of forage plants in relation to the soil environment' including (a) physiological development of roots, (b) the role of beneficial soil borne organisms, and (c) the role of harmful soil borne organisms and to consider that the attainment of maximum benefit from such studies will require the cooperative effort of investigators in several fields of agricultural science." The motion was seconded and passed.

It was moved by Dr. Dean McAllister that "The Western Directors be urged to give support, either through the Range Project (W-25) or a new project, to a regional study of the principles involved in the establishment and persistence of legumes under range and/or dry land conditions." The motion was seconded and passed.

It was moved by Dr. Robertson that "It be recommended to the Western Directors that the project 'Breeding forage plants with superior performance, nutritive value, and seed yielding capacity' be approved as a new regional project replacing objective 4 and Subproject IV of Western Regional Project W-23, 'Hay and pasture crops for seed and forage production,' in accordance with the request of the Committee of Nine, meeting March 29-April 2, 1954, and that allocations to state contributing projects of Oregon, Colorado, and Utah as allotted in W-23 be made available through this proposed project instead of W-23."

(In response to question by Price, he was advised that \$150 is allowed Hawaii representative between Hawaii and mainland plus actual expenses here. See minutes of April 27, 1953, meeting.)

W-24, Cotton Mechanization, reviewed by Eckert. Progress satisfactory according to Eckert.

W-27, Vibriosis, reviewed by Kelso. Progress very satisfactory. California has joined technical committee. National Wool Growers Association established technical committee on vibriosis. This committee provided impetus for establishment of regional project and for state appropriations for vibriosis research. When 9b3 W-27 technical committee was set up some members of National Wool Growers Association technical committee reacted unfavorably because they thought state experiment stations were trying to take this field away from them. Dr. Grey advised that there was no legal restriction that would prevent both committees meeting simultaneously provided W-27 retained responsibility for expenditure of funds. Wool growers committee will be kept informed and will have advisory role by meeting jointly, and is to revise its name to avoid confusion between two committees. W-27 will retain responsibility on use of funds. Directors expressed general approval of this pattern of working with industry. Kelso believes work of project is of basic nature.

Evening Meeting, February 14

W-28, Irrigation Engineering; W-29, Soil-Water-Plant Relationships; W-30 Soil Structure, reviewed by Walker. Reported good progress on all three projects. Committees have suggested changes in Memorandum of Understanding relative to the Western Soil Research Committee but Walker stated that groups are not in sufficient agreement to warrant changes at this time. One of the proposals is to bring agricultural engineers more into program.

Walker read several resolutions but did not request action on them. One of these was recommendation that the National Soil, Water & Fertilizer Advisory Committee have a technically trained soils man on the committee. Henderson moved and Curry seconded that we take no official group action on this resolution. Carried.

Walker read the following excerpt from minutes of W-30 technical committee meeting December 6, 7, and 9, 1954.

"The W-30 technical committee and the former W-9 technical committee, which it partially replaced, have heretofore prepared recommendations on budgets for each state contributing project for submission to the Western Directors through the administrative advisor with the final allocation of funds by state being decided by the Western Directors. The preparation of budget recommendations by state has usually been a long and difficult task for the committees and one which has frequently jeopardized the harmonious working relations which the committees have sought to foster. Because of this the W-30 technical committee recommends modification of the current system of budget recommendations so as to provide sufficient latitude to permit a committee, if it so desires, to transmit as its budget recommendation the asking budgets of the various states together with an impartial summary of project-rating questionnaires filled out by the committee members. At the same time, without specific reference to states, the committee might submit recommendations on appropriate levels of support and other matters of general policy. The questionnaire which has been adopted (copy attached) is believed to contain most of the information relating to financial needs and project quality pertinent to the allocation of funds. The adoption of this proposed change would leave the allocation of funds to states in the hands of the Western Directors where final decisions are made and where such responsibility must ultimately lie. Being relieved of the problem of determining specific recommendations for contributing state project budgets, the technical committee should then be free to pursue its research objectives in an atmosphere of harmony without undercurrents of animosity developing."

Briggs moved and Curry seconded that recommendation be tabled. Carried without dissenting vote. Directors appreciate viewpoint of technical committee but were of the opinion that services of the committee were needed.

Buchanan moved and Eckert and Wheeler seconded that at this meeting we concern ourselves with totals by projects and leave allocation by states to technical committee. Administrative advisor of each project is to get recommendation to chairman of Western Directors by May 15, 1955. Carried.

Sharp, chairman of screening committee, reported on activities of this committee. \$1,010,355 was used as target figure total for Western Region based on 5.3 million increment. \$224,000 was given to WAERC by Sharp as target figure. In the \$224,000 is \$11,500 earmarked by Western Agricultural Economic Research Council for wool marketing. This did not include WM-16.

Suggestion was made that \$18,900 be allocated to combined phases of wool marketing. This might be distributed as follows:

	<u>Technological phase</u>	<u>Marketing</u>	
Colorado	1000	1000	
Montana	2000	-	
New Mexico	500	3000	
Oregon	-	1200	
Utah	1500	-	
Wyoming	3000	1500	
Texas	1500	1500	
P & C		1200	
	9500	1200	8200 = \$18,900

Wheeler moved and Buchanan seconded that total of \$18,900 be set up for wool marketing project at the \$1,010,355 level with \$1,500 P & C included, designated as WM-23. Carried.

Proposals for soils work totalled \$157,000. This seemed to screening committee to be too high a percentage of total funds for this area.

Nitrogen project well developed in general. Some proposals not very basic. The most basic ones added up to about \$14,000.

\$12,000 proposed for hydrology. Thought it best to start gradually putting money into only strongest contributing projects.

Also recommended that other areas be examined: plant root rots, external parasites, urinary calculi, serviceability of fabrics and garments, cholesterol.

Adjourned at 9:15 P.M. to reconvene at 9:00 A.M.

February 15, 1955

Meeting reconvened at 8:50 A.M.

Kraus called for discussion of new project proposals before taking up allocations.

Sharp commented on water application project, raising question regarding suitability of this type of project for regional research.

Wood discussed study financed by Farm Foundation on water resources problems. Council preferred watershed development project but is not pushing it yet because project has not been fully developed. Price emphasized urgent need at present time for answers to water application problems. He expressed concern whether irrigation technologists were sufficiently tied in.

Nitrogen project

Screening committee considered that the Utah, Colorado, Washington, Oregon, and New Mexico projects were most basic and recommended allocation that would activate their projects.

Directors reviewed recommendation of technical committees of soil projects in an effort to adjust recommendations of Directors to those of technical people.

Wood discussed procedure used by WAERC in allocating funds to states and projects. Instead of working from project basis allocation, Council first makes allocations to states. In no case will state receive less than \$5000. California agreed to take no more than any other state.

Farm income and rural population figures are used as a rough guide for allocations. Allocation of state allotment to projects left up mainly to department concerned. Council considers present method fair and equitable.

Buchanan proposed that allocation to Washington for economic marketing project be reduced from \$32,500 to \$29,000 and that funds be shifted to California.

Kelso moved, seconded by Curry, that total for marketing research be \$232,500 (including \$19,000 for WM-23 and \$16,000 for WM-16). This would leave \$197,500 for allocation by Council, and WM-23 would be outside of Council. No action taken but group seemed in general agreement.

WM-17, Frozen Fruits and Vegetables. No discussion.

WM-18, Eggs. Only \$100 change.

WM-19, Vegetable Handling, Packing, etc. Mark Buchanan and Kraus think these projects are attempting to look ahead instead of appraising the past. Integrated closely with industry through OWC Pear Bureau and Fruit Leagues.

Fromme requested that trust states be shown. Wood agreed to have this done.

WM-20, Hay Marketing.

	<u>Present</u>	<u>Proposed</u>
Montana	3500	3000
New Mexico	1700	3000
Washington	-	5000
Wyoming	-	1500
P & C	100	500
Nevada	1000	1000

Qualitative and descriptive data very lacking. First steps in project will get this information. Will require several years.

WM-21, Livestock Marketing Information, and WM-22, Sheep and Lamb Marketing, essentially replace WM-4 allocations. Wheeler did not wish to comment on state allocations because he had not had opportunity to discuss with technical committees.

Attempt to improve marketing service. It is not an attempt to operate a marketing service. Sharp thought service needed improving. Discussion by Price and others on need for tying grades to prices.

WM-22, Sheep and Lamb Marketing. Direct buying in the country by packers has cut terminal marketing and caused considerable consternation. What forces and factors are at work in making these changes?

Suggestion made by Kraus that consideration be given to Title II project on marketing of mutton and lamb in distribution channels to consumer. Several spoke in favor of such work and Colorado may develop Title II proposal.

WM-Q, Livestock Shrinkage Experiments. No one seemed to have seen a project outline on this but the group recognized need for work in this area. Cooperation of origin state and destination state essential. This area was opened up by WM-4 but that project never got hold of it. What can be done to reduce shrink to a minimum? The big question seems to be, "From where did this proposal come?"

Eckert moved and Buchanan seconded that we remove WM-Q from consideration for activation in 1955-56 but that it be considered for development and activation the following year. Carried in spite of one sharp dissenting vote.

WM-A, Marketing Horticultural Specialty Crops, reviewed by Buchanan.

WM-O, Technological Methods in Marketing, reviewed by Buchanan.

Moved by Henderson, seconded by Kelso, that we recommend WM-A as WM-24 and WM-O as WM-25 for activation July 1, 1955. Carried without dissenting vote. Advisor for WM-24 and WM-25 is Buchanan. Briggs moved and Buchanan seconded that Kelso be administrative advisor for WM-Q. Carried.

Recessed at 11:55 for lunch. Reconvened at 1:00 P.M.

Buchanan moved and Curry seconded that we approve the WM-23 project outline as transmitted by the administrative advisor, Hilton Briggs. Carried.

Review of Outlines by Screening Committee.

WM-24 outline, according to Briggs, will require bringing procedures in line with objectives. Otherwise it is worthy and quite well done. Objectives need sharpening - a little too wordy.

Range Livestock Nutrition. No procedures given for objectives 3, 4, 5, and 6. Objective 6 could be deleted. Study of influence of water listed as objective but not provided for adequately in procedures. Good job on procedures for first two objectives. Kelso recommended approval with commendation.

Economics of Water Application. Very weak presentation of review of previous work.

Discussion of expenditures of 9b3 funds for capital outlay, livestock, etc. (Directors were referred by Director Fromme to page 40 of USDA Miscellaneous Publication No. 515.)

Nitrogen project review by screening committee. Should water and other factors be considered? Procedures section inadequate in regional project. Objective 5 not treated adequately in contributing project outline - especially in Oregon project.

Hydrology. Procedures and objectives not correlated adequately. Strengthen Objective No. 3. Eckert explained that Arizona was not in project because it has organized an Institute of Water Utilization which may get sizeable outside grant.

Efficiency in Harvesting Forage Crops. Prior research not treated adequately. Responsibility not clear. Procedures need to be brought in line with objectives. State outlines look too much like rewrites of regional project outline.

Alexander discussed advisability of having one state take lead in this project.

Curry, the administrative advisor, reviewed development of this outline. He pointed out that WAERC has not reviewed four of contributing projects and technical committee has not been organized.

Project objectives need sharpening. Too many of them are of a descriptive basis rather than a forward look.

Buchanan moved and Eckert seconded that we approve regional project on "Efficiency of the Harvesting and Use of Forage Crops" with request that administrative advisor will call technical committee meeting with purpose of sharpening objective and developing appropriate state contributing projects. Carried.

Project is to be in Kraus' hands not later than June 1, 1955. Fromme would like to have rough drafts earlier so his OES men can review them before they go to the field.

Internal Parasites. Outline in good shape except too many objectives. This can be corrected editorially. Buchanan moved and Sharp seconded that Internal Parasites project be approved. Carried.

Range Livestock Nutrition. Walker moved and Buchanan seconded that Range Livestock Nutrition project be approved. Carried.

New Soil and Water Projects. Briggs moved, Eckert seconded, that Hydrology, Water Application, and Nitrogen projects be approved. Carried.

Grasshopper Project. Kelso reviewed current work. What are the grasshoppers, what do they eat, and at what season? Moved by Buchanan and seconded by Henderson that the grasshopper project be accepted as regional project W-37. After a theoretical discussion of technical phases of grasshopper nutrition and transportation problems by Fleming and a delegate from Oregon the motion was approved.

Root Rot Project. Walker moved, Sharp seconded, that we authorize administrative advisor to assemble technical committee and finish drawing up project and contributing projects. Carried.

Sharp emphasized need for making project as specific as possible. Eckert moved that Henderson be administrative advisor of root rot project designated as W-38. Seconded and carried.

Fluorine Project. Price nominated and elected as administrative advisor of W-39. Secretary is to remind Kraus to write to Farm Bureau about fluorine project. Send copy to Charles Butler and all Directors of State Experiment Stations.

Briggs moved that Walker, Price, and Kraus prepare letter for Directors to review. Carried.

Further Discussion of Budgets for New Projects. Fleming moved and Eckert seconded that we allocate \$50,000 to Range Livestock Nutrition project. Carried. Eckert moved that we cut root rots to \$8,000, harvesting forage to \$15,000, and grasshoppers to \$10,000. Seconded and carried. All other projects be approved as follows: W-39, \$1855; W-31, \$14,000; W-32, \$10,500; W-33, \$12,000; W-35, \$35,000. Carried.

Sharp moved, Kelso seconded, that for future consideration, unless very urgent need is presented, we consider projects W-1 to W-27 inclusive as adequately financed. Carried. Project numbers were assigned as follows:

W-31	Nitrogen
W-32	Hydrology
W-33	Water application
W-34	Nutrition
W-35	Parasites
W-36	Harvesting forage
W-37	Grasshoppers
W-38	Root rots
W-39	Fluorine

Briggs moved that no-increase column be approved tentatively as allocated for 1955-56, and \$159,000 for marketing. Carried. (This would freeze non-marketing figures as in no-increase column and set total marketing at \$159,000.)

Wheeler moved and Buchanan seconded that allocation for wool marketing be set at \$10,000 plus the \$3600 proposed for WM-Q at the no-increase level and that allocations be left to administrative advisor and technical committee. Carried. This would leave \$134,400 for economic marketing.

Moved and seconded that WM-16 be frozen at \$11,000 if no increase.

Consideration of Budgets at 3 Million Level. \$869,480 would be available for Western Region. \$200,000 left for marketing. Wheeler moved and Buchanan seconded that we set WM-16 at \$16,000 at 3 million level. Carried. Moved and seconded that \$15,600 be allocated to WM-23 at 3 million level. Carried. This would leave \$669,480 for non-marketing projects. Walker moved and Henderson seconded that fluorine be at \$1855. Carried. At 3 million level Briggs moved and Walker seconded that we do not activate W-32, W-37, and W-38. Carried.

Moved by Eckert, seconded by Fleming, that we allocate as follows: Carried.

W-34	\$30,000
W-35	27,000
W-36	9,125
W-28	22,000
W-29	36,500
W-30	25,500
W-5	14,500

Group approved allocations summarized on attached table.

Special Instructions. Fromme would like to have final regional projects and state projects in at least rough draft form for first meeting of Committee of Nine, even if state allocations are not available. Get three signed copies of regional projects by March 10 to Kraus. Directors send contributing projects directly to Fromme.

On fluorine, Price should call technical committee meeting at state expense as soon as possible and get regional project outline to Kraus in time for June Committee of Nine meeting.

Discussion of National Seed Storage Facility. Wheeler expressed need for active support of the facility and urged Directors to take appropriate action. Buchanan suggested we first indicate need for 5.3 million item and urge addition of item for facility. We must not jeopardize 5.3 million appropriation by support of this project.

Discussion of Agricultural Research Institute. Kraus suggested that secretary canvass Directors as soon as he gets notice of meeting to find out who can attend.

Letter from Sugar Beet Development Foundation. Leroy Powers, ARS, and Robertson (Colorado) developed project on "Physiological Genetic Studies Involving Different Levels of Soil Fertility" and suggested that it might be developed as a regional research project. Sharp expressed concern about efforts by industry groups to pressure Directors into setting up regional research projects. Directors, however, are always glad to consider suggestions along with other requests that are presented.

Nomination of committee to work with Bureau of Land Management on land policies, etc. Wheeler, Kelso, Briggs, and Fleming were nominated and their names will be submitted by Kraus.

Suggestion for Sugar Beet Advisory Committee. Several suggestions were made to Walker to relay to committee.

Suggestion of Home Economists that they meet with Directors. Briggs moved and Sharp seconded that we decline invitation as diplomatically as possible. Walker moved and Henderson seconded that chairman communicate with Home Economic groups and inform them that inasmuch as 8.5 million increment will not be available we were not able to activate these along with certain others and that we would like to have them give further attention to development of projects for future consideration. Carried.

Henderson moved, Buchanan seconded, that we authorize the chairman and the three-man project screening committee to act for the Western Directors in making allotments to projects if appropriation does not fit proposed allocation we have set up. Carried.

Time and place of next meeting. July 20, 21, 22 proposed as meeting date. Cheyenne Frontier Days begin July 25th. Great Plains Agriculture Council meets July 24 through 26. Western Section of Society of Animal Production and Dairy Production meets July 10-12. June 15, 16, 17 would be second choice.

Group expressed appreciation to our California hosts, including the management of the dining service for excellent accommodations and hospitality.

Adjourned 5:40 P.M. to reconvene following day at Regional Laboratory at Albany.

February 16, 1955

The group reconvened at 11:20 A.M. at the Western Utilization Research Branch Regional Laboratory at Albany, California. Director Copley of the Laboratory discussed changes in personnel since our last meeting at the Laboratory and briefly reviewed the research program of the Laboratory. He called on Dr. De Eds, who told of progress of research by Laboratory personnel on biologically active factors in legumes with particular reference to the bloat problem. The Laboratory served to the group a very interesting lunch which illustrated several recent developments in food processing and preparation. The group then toured the Laboratory reviewing the research under way. Following the tour Directors met with Laboratory staff and discussed procedures to be followed in the meeting with collaborators.

A motion by Buchanan was seconded and carried that we adopt plan of having collaborators come at same time to a meeting covering special areas of research. Briggs (Wyoming) suggested that Director Copley and his staff would be in best position to decide which specific field to cover. Director Copley requested suggestions from the Directors. Suggestions for topics for the conference should be sent to Director Kraus to review with Experiment Station Directors at our July meeting. Instrumentation was suggested as a topic of interest to several stations.

At the suggestion of Walker the group expressed its appreciation for the cooperation and hospitality of the Laboratory staff, both at this meeting and in cooperative research.

R. W. Henderson
Secretary

OREGON STATE COLLEGE
SCHOOL OF AGRICULTURE EXPERIMENT STATION
EXTENSION SERVICE

CORVALLIS

February 18, 1955

DIRECTOR'S OFFICE
RECEIVED
FEB 21 1955

AGRICULTURAL EXPERIMENT
STATION
BOZEMAN, MONTANA

TO: Experiment Station Directors, Western Region
FROM: R. W. Henderson
SUBJECT: 1955-56 Allocations for Non-Marketing and Non-
Economic Marketing Projects

Enclosed for your information are three copies of the
1955-56 budget allocations as determined this week at the
California meetings. I hope to have minutes of the meetings
ready to send out to you the first of next week.

RWH:ad
Enclosures

February 10, 1973

Line	1954-55 Allocation	No Increase	Million Expenditure	Million Revenue
1 Beef Cattle Breeding	82,000	81,000	82,000	34,477
2 Heavy Cal. La. Breed-Stock	30,000	29,650	30,000	12,477
3 Duck-Land Cattle	55,000	54,250	55,000	22,477
4 Swallow Breeding	11,000	11,000	11,000	4,477
5 New Cattle	23,000	22,000	23,000	9,477
6 Turkey Breeding	14,000	13,750	14,000	5,477
7 Hired Feeding	31,000	30,500	31,000	12,477
8 Good Control	40,000	39,200	40,000	16,477
9 Barn Diseases	20,000	19,700	20,000	8,477
10 Range Economics	20,500	20,500	20,500	8,477
11 Stone Wall Houses	20,100	19,700	20,100	8,477
12 Forage Crops	35,637	35,000	35,637	14,477
13 Cotton Mechanization	12,000	12,000	12,000	5,477
14 Range Management	50,000	49,700	50,000	20,477
15 Vitamins	17,500	17,500	17,500	7,477
16 Irrigation Engineering	13,700	13,500	13,700	5,477
17 Soil and Water Research	33,500	33,000	33,500	13,477
18 Soil Structure	17,700	17,500	17,700	7,477
19 Nitrogen	-	-	7,500	3,477
20 Hydrology	-	-	-	10,500
21 Reclamation of Soil and Water Cons.	-	-	12,000	5,477
22 Nutrition of Range Livestock	-	-	10,000	4,477
23 Internal Parasites (Animals)	-	-	27,000	11,477
24 Economics of Mechanization of Forage Crop Production	-	-	9,225	3,477
25 Oenology	-	-	-	1,477
26 Plant Root Rot	-	-	-	1,477
27 Fluorine	-	-	1,855	7,477
Non-Marketing Totals	536,637	529,450	609,400	277,354
Economic Marketing	-	136,400	163,400	197,500
Non-Economic Marketing	-	-	-	-
EM-16 Grain Marketability	-	11,000	10,700	10,000
EM-23 Coal Marketing	-	13,600	15,500	17,000
Marketing Total	-	150,000	200,000	232,500
Grand Total	-	688,450	869,400	1,010,354

1954-55 Allocations for Non-Marketing and Non-Economic Marketing
at Three Budget Levels as Approved by Western Experiment Station Board
February 15, 1955

No.	Title	1954-55 Allocation	No Increase	3 Million Increment	5-7 Million Increment
W-1	Beef Cattle Breeding	82,000	81,000	82,000	82,000
W-2	Dairy Cattle Breeding	30,000	29,650	31,500	32,000
W-3	Nutritional Status	55,000	54,250	55,000	58,000
W-4	Poultry Diseases	11,000	11,000	11,500	15,000
W-6	New Plants	33,000	32,000	33,000	36,000
W-7	Turkey Breeding	14,000	13,750	15,000	17,000
W-8	Rural Housing	31,000	30,500	31,000	31,000
W-11	Wood Control	40,000	39,200	41,000	46,000
W-12	Bean Diseases	20,000	19,700	22,000	25,000
W-16	Range Economics	20,500	20,500	23,000	26,000
W-22	Stone Fruit Viruses	20,100	19,700	24,000	26,000
W-23	Forage Crops	35,637	35,000	36,000	39,500
W-24	Cotton Mechanization	12,000	12,000	16,000	17,000
W-25	Range Management	50,000	49,700	50,000	59,000
W-27	Vibriosis	17,500	17,500	20,000	25,000
W-28	Irrigation Engineering	13,700	13,500	22,000	23,000
W-29	Soil and Water Research	33,500	33,000	36,500	37,500
W-30	Soil Structure	17,700	17,500	25,500	26,500
W-31	Nitrogen	-	-	7,000	14,000
W-32	Hydrology	-	-	-	10,500
W-33	Economics of Soil and Water Cons.	-	-	12,000	12,000
W-34	Nutrition of Range Livestock	-	-	30,000	50,000
W-35	Internal Parasites (Animals)	-	-	27,000	35,000
W-36	Economics of Mechanization of Forage Crop Production	-	-	9,125	15,000
W-37	Grasshoppers	-	-	-	10,000
W-38	Plant Root Rots	-	-	-	8,000
W-39	Fluorine	-	-	1,855	1,855
Non-Marketing Totals		536,637	529,450	669,480	777,855
Economic Marketing		-	134,400	168,400	197,500
Non-Economic Marketing					
WM-16 Grain Marketability		-	11,000	16,000	16,000
WM-23 Wool Marketing		-	13,600	15,600	19,000
Marketing Total		-	159,000	200,000	232,500
Grand Total		-	688,450	869,480	1,010,355

WESTERN REGION - 1955-56

ALLOCATIONS TO WESTERN ECONOMIC MARKETING PROJECTS RECOMMENDED BY THE ECONOMICS COUNCIL
(Western Agricultural Economics Research Council)

WITH REGIONAL TOTAL OF \$134,400

WM-13, Wheat Prices & Price Policies in Western Reg. WM-18, Egg Mkt Organization & Pricing Efficiency in the Western Region
WM-14, Marketing Western Lettuce WM-19, Econ. & Engineering Studies of Fruit & Veg. Packing
WM-15, Needed Adjustments in Dairy Industry of the West WM-20, Inter-Farm Market for Hay & Feed in the West
WM-17, Competitive Position of Frozen Foods in West WM-21, Livestock Market Information, Content & Procedures
Western Region WM-22, Sheep & Lamb Mktg Problems in Specific West. States

State	WM-13 : Wheat	WM-14 : Lettuce	WM-15 : Dairy	WM-17 : Frozen Foods	WM-18 : Eggs	WM-19 : Fruit & Veg.	WM-20 : Hay & Feed	WM-21 : Livestk Infor-	WM-22 : Sheep and	Totals
Alaska			5,000							5,000
Arizona		7,500*						2,200		9,700
California		3,000	2,500*	2,000*	4,000	4,000	I	2,000*	3,500*	15,500
Colorado			3,000		3,000					11,500
Hawaii		I	I		I	I	I	I		2,500
Idaho			2,700	2,500		4,000			3,000	9,700
Montana	I			I			I	I	2,500	7,700
Nevada	2,500*		P				2,700*	P	2,500	7,700
New Mexico			C			4,500	1,000	2,500		3,500
Oregon	C		2,000	4,000	C	4,500	I	2,000	2,000	12,500
Utah			3,100		3,500		I	1,000	I	10,100
Washington			2,000		4,000	4,500*	2,000	P	2,500	17,000
Wyoming	4,500		4,000				3,000			7,000
Texas								1,000	1,000	2,000
Subtotal	7,000	10,500	24,300	8,500	14,500	17,000	10,400	10,700	14,500	117,400
P & C	900	200	1,000	600	500	400	500	1,000	600	5,700
Printing		700	1,100		500			9,000		2,300
Tr. Fund										9,000
Total	7,900	11,400	26,400	9,100	15,500	17,400	10,900	20,700	15,100	134,400

I: Has INTEREST in the project, but no closely related work. Not eligible for P & C fund. C: Working on a CLOSELY RELATED project, but not a contributing project. Eligible for P & C fund. P: PARTICIPATING with a contributing project, but without 9(b)3 funds. Eligible for P & C fund.

(3/7/55)

Handwritten notes:
Approved by the Council
March 11, 1955

ALLOCATIONS TO WESTERN ECONOMIC MARKETING PROJECTS RECOMMENDED BY THE ECONOMICS COUNCIL
(Western Agricultural Economics Research Council)

WM-13, Wheat Prices & Price Policies in Western Reg. WM-19, Econ.& Engineering Studies of Fruit & Veg. Packing
 WM-14, Marketing Western Lettuce WM-20, Inter-Farm Market for Hay & Feed in the West
 WM-15, Needed Adjustments in Dairy Industry of the WM-21, Livestock Market Information, Content & Procedures
 West WM-22, Sheep & Lamb Mktg Problems in Specific West.States
 WM-17, Competitive Position of Frozen Foods in WM-24, Marketing Western Horticultural Specialty Crops
 Western Region WM-25, Case Studies of the Impact of Technology in Mktng
 WM-18, Egg Market Organization & Pricing Efficiency
 in the Western Region

State	WM-13 : Wheat	WM-14 : Lettuce	WM-15 : Dairy	WM-17 : Frozen	WM-18 : Eggs	WM-19 : Fruit	WM-20 : Hay & Veg.	WM-21 : Livestock	WM-22 : Sheep & Lamb	WM-24 : Horticultural	WM-25 : Technology	Total
Alaska			5,000									5,000
Arizona		8,500*			*	4,000		3,800				12,300
Calif.		3,000	2,500*		4,000	4,000		1,000		4,800		21,300
Colo.			3,000		4,000			4,000*	4,000*			15,000
Hawaii		I	I		I			I		2,500		4,500
Idaho	I		3,700			4,000			3,500		2,000	13,200
Mont.	2,500*		P					1,000	3,500		I	10,500
Nev.			C					2,500				3,500
N.Mex.								1,500	2,500			6,000
Oregon	C		2,000	4,000		4,500		3,000	I	3,700	C	17,200
Utah			3,100					1,000	2,500			10,100
Wash.			2,000		3,500			P				24,000
Wyo.	5,000		4,000		4,000	4,500*		3,000		2,000*		7,000
Texas								1,000	1,000			2,000
Subtotal	7,500	11,500	25,300	8,000	15,500	17,000	14,000	18,800	17,000	13,000	4,000	151,600
P & C												
Prntng	600	200	1,000	600	500	400	500	1,000	600	400	200	6,000
Tr.Fund		700	600		500			9,000				1,800
Total	8,100	12,400	26,900	8,600	16,500	17,400	14,500	28,800	17,600	13,400	4,200	168,400

I: Has INTEREST in the project, but no closely related work. Not eligible for P & C fund. C: Working on a CLOSELY RELATED project, but not a contributing project. Eligible for P & C fund. P: PARTICIPATING with a contributing project, but without 9(b)3 funds. Eligible for P & C fund. (3/7/55)

WESTERN REGION - 1955-56

WITH REGIONAL TOTAL OF \$197,500

ALLOCATIONS TO WESTERN ECONOMIC MARKETING PROJECTS RECOMMENDED BY THE ECONOMICS COUNCIL (Western Agricultural Economics Research Council)

- WM-13, Wheat Prices & Price Policies in Western Reg. WM-19, Econ.& Engineering Studies of Fruit & Veg. Packing
WM-14, Marketing Western Lettuce WM-20, Inter-Farm Market for Hay & Feed in the West
WM-15, Needed Adjustments in Dairy Industry of the West WM-21, Livestock Market Information, Content & Procedures
WM-22, Sheep & Lamb Mktng Problems in Specific West.States
WM-23, Competitive Position of Frozen Foods in Western Region WM-24, Marketing Western Horticultural Specialty Crops
WM-25, Case Studies of the Impact of Technology in Mktng
WM-18, Egg Market Organization & Pricing Efficiency in the Western Region

State	WM-13 : Wheat	WM-14 : Lettuce	WM-15 : Dairy	WM-17 : Frozen Foods	WM-18 : Eggs	WM-19 : Fruit & Veg. : Packing	WM-20 : Hay & Feed	WM-21 : Livstk : Infor- : mation	WM-22 : Sheep : and : Lamb	WM-24 : Horti- : cultural	WM-25 : Technol- : ogy	Total
Alaska			5,000									5,000
Arizona		9,500*			*			4,500				14,000
Calif.		4,500	2,500*	2,000*	4,000	6,000		1,000		5,000		25,000
Colo.			3,000		4,000			4,000*	4,000*	3,600		18,600
Hawaii		I	I	2,500	I	I		I		3,500		6,000
Idaho			3,500	I		5,000		I	5,000		2,500	16,000
Mont.		3,500*	1,000					1,000	3,500		I	13,000
Nev.			C					2,500				4,000
N.Mex.			2,000	4,000		4,500		2,500	3,500		C	8,500
Oregon		C	3,100		C			3,000	3,500	4,000		21,000
Utah			2,000	2,000	3,500			1,000	3,400			11,000
Wash.		5,000			4,000	4,500*		P		3,000*		28,000
Wyo.			4,000					4,500				7,000
Texas								3,000	1,000			2,000
Subtotal	8,500	14,000	26,100	10,500	15,500	20,000	15,500	20,500	23,900	19,100	5,500	179,100
P & C	900	200	1,000	600	500	800	500	1,000	700	600	300	7,100
Prntng		700	1,100		500			9,000				2,300
Tr.Fund												9,000
Total	9,400	14,900	28,200	11,100	16,500	20,800	16,000	30,500	24,600	19,700	5,800	197,500

I: Has INTEREST in the project, but no closely related work. Not eligible for P & C fund. C: Working on a CLOSELY RELATED project, but not a contributing project. Eligible for P & C fund. P: PARTICIPATING with a contributing project, but without S(h)3 funds. Eligible for P & C fund. (3/7/55)

January 24, 1955

Western Regional Projects

1955-6 allocation (Proposed)

No	Title	1954-55 allocation	No Increase	3 Million	5.3 Million	Percent Increase
W-1	Beef Cattle Breeding	82,000	81,000	82,000	82,000	82,000
W-2	Dairy Cattle Breeding	30,000	29,650	33,000	33,000	33,000
W-4	Nutritional Status	55,000	54,250	55,000	58,000	58,000
W-5	Poultry Diseases	11,000	11,000	15,000	20,000	20,000
W-6	New Plants	33,000	32,000	32,000	36,500	36,000
W-7	Turkey Breeding	14,000	13,750	15,000	17,000	17,000
W-8	Rural Housing	31,000	30,500	31,000	31,000	31,000
W-11	Weed Control	40,000	39,200	44,000	47,000	47,000
W-12	Bean Diseases	20,000	19,700	22,500	24,500	24,000
W-16	Range Economics	20,500	20,500	23,500	26,500	26,000
W-22	Stone Fruit Viruses	20,100	19,700	24,500	30,000	30,000
W-23	Forage Crops	35,637	35,000	38,000	41,500	41,000
W-24	Cotton Mechanization	12,000	12,000	17,000	17,000	17,000
W-25	Range Management	50,000	49,700	54,500	59,000	59,000
W-27	Vibriosis	17,500	17,500	20,000	25,000	25,000
W-28	Irrigation Engineering	13,700	13,500	19,000	25,000	25,000
W-29	Soil and Water Research	33,500	33,000	33,500	39,000	39,000
W-30	Soil Structure	17,700	17,500	20,000	29,500	29,500
	Range Vegetation Studies					
	Soil and Water Conservation					
	Water Use					
	Economics of Soil and Water					
	Nutrition of Range Livestock					

No	Title	1954-55 Allocation	No Increase	Million	5.3 Million
	Plant Root Rot's				
	External Parasites - Animals				
	Economics of Mechanization			14,825	26,200
WM-16	Stored Grain Insects	11000			14500
	Corn + Soy Bean (Aluminum)			7000	16000
	Serviceability Index + Services				14500
	Mkt Procedures + Tools/Insects				
	Grasshoppers				
	Unutilized				10000
	Breeding Farm Plants				4500
	Breeding Failure in Beef Cattle				
WM-23	Wool mkt				dup W-2
	Totals	547637 536637	529450	656825	786355 779855

159000
686637

547637
239718

697637

* This is in addition
to the \$24000 level of
animal allocations to
WM-14 of 11500.

WM-23
11/11/55
11/11/55

11/11/55

m m Kels
*check budget sheets
also list of new project proposals.*

January 24, 1955

DIRECTOR'S OFFICE

RECEIVED

FEB 2 1955

AGRICULTURAL EXPERIMENT
STATION
BOZEMAN, MONTANA

To: Western Directors

From: James E. Kraus

Subject: Directors Meeting February 14-16

Attached hereto is a copy of the tentative agenda for the meeting at Davis on February 14-15. As I see it we are going to have a very busy two days and maybe nights. Tentatively I believe we must accomplish the following things:

1. Review and evaluation of presently active regional projects.
2. Discussion and approval of new project proposals.
3. Allocation by projects of 9th funds for 1956 on basis of
 - (a) No increase
 - (b) 3 million increase
 - (c) 5.3 million increase
4. Tentative allocation of funds for projects by states. Usually this is left until the spring meeting of the Directors but if we delay the spring meeting until June or July as decided upon at Las Cruces, then allocations by states will either have to be approved by you at this meeting at Davis or by mail later this spring. If tentative allocations could be made by states at Davis it would eliminate much confusion later on unless we decide to have the spring meeting prior to June 1.

See you in the land of the sun.

James E. Kraus

P. S. Bring the budget sheets with you!!

January 24, 1955

Agenda for
Western Directors Meeting
Davis and Berkeley, California
February 14-16, 1955

1. Minutes of Washington, D. C. meeting
2. Report from Office of Experiment Stations - Fromme
3. Review of Active regional projects

Non-Marketing

- W-1 Beef Cattle Breeding - Wheeler
- W-2 Dairy Cattle Breeding Failures - Briggs (Buchanan)
- W-4 Nutritional Status - Sharp
- W-5 Avian Respiratory Diseases - Price
- W-6 New Plants - Kraus
- W-7 Turkey Breeding - Wheeler
- W-8 Rural Housing - Sharp
- W-11 Weed Control - Curry
- W-12 Bean Diseases - Kraus
- W-16 Range Economics - Fleming
- W-22 Fruit Viruses - Kraus
- W-23 Forage Crops - Henderson
- W-24 Cotton Mechanization - Eckert
- W-25 Range Improvement - Fleming
- ✓ W-27 Vibriosis - Kelso
- W-28 Irrigation Engineering - Walker
- W-29 Soil-Water-Plant Relationships - Walker
- W-30 Soil Structure - Walker

Marketing

- WM-1 Marketing Dairy Products - Sharp
- WM-2 Marketing Deciduous Tree Fruits - Buchanan
- WM-4 Marketing Livestock - Wheeler
- WM-5 Wool Marketing - H. M. Briggs
- WM-12 Marketing Forage and Pasture Seeds - Buchanan
- ✓ WM-13 Wheat Marketing - Kelso
- WM-14 Marketing Head Lettuce - Eckert
- WM-15 Dairy Marketing - Sharp
- WM-16 Grain Marketability - Henderson
- WM-17 Frozen Fruits and Vegetables - Sharp
- WM-18 Eggs - Eckert
- WM-19 Vegetable Handling, Packing etc. - Buchanan
- ✓ WM-20 Hay Marketing - Kelso
- WM-21 Livestock Marketing Information - Wheeler
- WM-22 Sheep and Lamb Marketing - Wheeler

4. New Project Proposals

Non Marketing

- W- Soil and Water Conservation - Walker
- W- Economics Water Resources - Walker
- W- Nutrition Range Research - Fleming
- ✓ W- Internal Parasite Animals - Kelso
- ✓ W- Root Rots Plants - Henderson - Kelso
- W- Economics of Farm Mechanization - Curry
- W- Market Credit and Financing - Buchanan

Marketing

WM-- Marketing Horticulture Speciality Crops - Buchanan

WM-- Marketing Deciduous Fruits - Buchanan

WM-- Technological Methods in Marketing - Buchanan

5. Allocations of funds by projects for 1956.
6. Possible allocation by states for each project.
7. Appointment Western Representative to Agricultural Research Institute.
8. Suggestion of Home Economists meeting with Western Directors at their February meeting.]
9. Other new or old business.
10. Time and place of spring or summer meeting.

Wednesday, February 16

1. Drive to Albany from Davis.
2. Meet with Director Copley, Western Regional Utilization Research Branch at Albany 11:00 A.M.
3. Lunch at the Laboratory
4. Program at Laboratory in afternoon
5. Adjourn meeting at 5:00 P.M.

MEMORANDUM

January 26, 1955

To: All Directors, Western Region

From: James E. Kraus

Attached hereto are various materials which are being sent to you for use at the Western Directors meeting to be held in Davis, California next month.

There are a few comments which I would like to make regarding the budget table supplied herewith. In the first place I have not received as yet the budget breakdown as recommended for the marketing projects by the Western Economics Research Council. I hope that these may be obtained in the near future so that I can distribute them to you prior to the Directors meeting. If you do not receive a copy of the marketing allocations from me I would suggest that you obtain a copy from the representative on the council from your experiment station and bring such copy with you. You may also wish to discuss such allocations with your representative prior to the meeting in Davis.

The following word of explanation is given regarding the table on the non-marketing project allocations as proposed on the attached sheet. You will note that column 1 indicates the present allocation for comparison purposes. Columns 2 and 3 represent the same figures presented to you for no increase and for the 3 million increase figure as presented in my memorandum of last August with the exception that I have tentatively separated the amounts under new projects under the 3 million column.

You will note also that I have made a new column under the 5.3 million figure. I have tentatively reduced several of these projects in the amounts necessary to bring the total out to the actual amount as presented to me by Dr. Fromme and is provided in the amount of increase approved in the President's budget. I realize that these figures are only tentative and may be changed considerably at the Directors meeting in Davis. However they are being supplied as a basis for us to start with at our meeting in Davis. I have left three blank columns after each one of these proposed allocations so that we may fill them in and use them as work sheets at the Directors meeting. The total amount on the last column under the 5.3 million figure of \$777.855 was arrived at by taking 23% of the total allocation that is to be made to the western region according to information received from Dr. Fromme. This 23% was deducted from marketing and the figure shown at the bottom of this column as a total is the remaining 77% for non-marketing. I will attempt to do a little more figuring on this so it will be a little more clear so that we will have such information available at the time of the Directors meeting.

May I suggest that each of you give considerable thought to these allocations so that we may all have our ideas pretty well crystalized prior to going to Davis. If we do not do this I am afraid we will become bogged down in the discussion of these figures and may never get through unless we work all of the nights at Davis.

I have also indicated that we will want to review all of the present projects and I do not know how much detail will be necessary for such review. However I think that each administrative advisor should have his projects well in mind so that he can present a summary of the project and the proposed needs for next fiscal year in as short a time as possible. These, of course, are only suggestions and are given only as suggestions to make the meeting in Davis as painless as possible.


James E. Kraus
~~Administrative Advisor~~

JEK:swb