

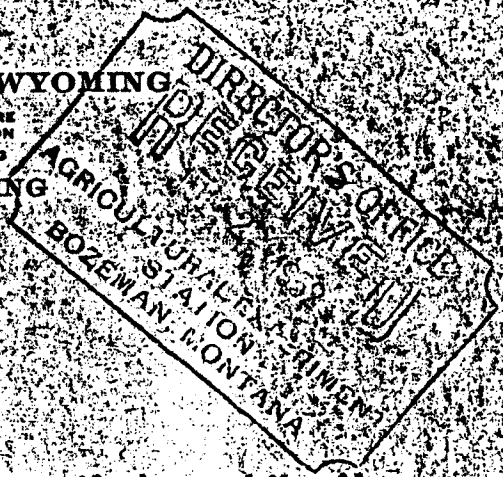


THE UNIVERSITY OF WYOMING

COLLEGE OF AGRICULTURE
AND EXPERIMENT STATION
AGRICULTURAL BUILDING

LARAMIE, WYOMING

May 16, 1952



TO: Western Experiment Station Directors, Alaska, and Hawaii

FROM: H. M. Briggs, Secretary

Attached you will find the minutes of our Spring Meeting for 1952. I trust that the minutes have been reproduced accurately, but if you find any errors or any alterations that should be made, please let me know, and I will then notify each director of the corrections that should be included.

You will find attached budgetary sheets from Director Sharp which he prepared and sent to me for inclusion in the minutes. You will note that there is a slight "rounding off" of his figures as compared to those that we mentioned in the meeting, but that they read quite closely. You will recall that we were making only tentative suggestions at our meeting.

I
skt. Sta
reels



Annual Spring Meeting

of the

Western Directors of Agricultural Experiment Stations

Albany and Berkeley, California

April 28, 29, 30, 1952

The meeting was called to order at 10:15 A.M. by Chairman Sharp in the conference room of the Federal Laboratory, Albany, California, and introductions were made. The Chairman called on Director M. J. Copely of the Western Regional Research Laboratory who described changes at the laboratory since the last meeting at this location two years ago. He described staff reductions, from a staff of 350 down to 290, and other curtailments due to budget reductions and changes in research efforts resulting from emphasis on defense effort. He highlighted especially work on wheat, eggs, wool, and enzymatic systems as they influence storage of processed foods; research with concentrated juices and purees and with dehydro-freezing of foods was mentioned.

Dr. H. S. Owen of the laboratory discussed the work with sugar beets. He emphasized that one-half of any saving in processing is passed on to the farmer; hence, the importance of research to the producer is obvious. The work on beet composition and the possibilities of commercial by-products was outlined.

Dr. E. F. Jansen described the Enzyme Inhibition by Insecticidal Phosphate Esters.

The meeting with laboratory personnel was dismissed at 11:30.

A meeting of the Western Experiment Station Directors was called by Chairman Sharp to discuss lettering on the sign at the Sheep Breeding Laboratory at Dubois, Idaho. The sign proposed by Dr. Nordby was placed on the board by the secretary. McKee moved we accept the proposed sign; Fleming seconded and the motion carried. The secretary was instructed to notify Dr. Nordby of our action and prepared a telegram that was sent by Chairman Sharp.

During lunch hour the group was invited to an excellent luncheon which consisted primarily of food products of the laboratory and its research program.

The meeting reconvened at 1:30 P.M. and Dr. H. S. Alcott discussed the problem of "Potato Granules" pointing out that the per capita consumption of potatoes had been decreasing rapidly while the efficiency of production has increased markedly. Potato chips now constitute about 10% of our human use. Potato granules are a dry mashed potato powder that has been found very acceptable in the army dietary; a #10 can contains enough for 100 servings of mashed potatoes (one pound of powder equivalent to about 7 pounds of raw potatoes) and prospects are good that civilian acceptance may be very satisfactory.

Dr. W. D. McClay reported on "Research Related to Feeds" and pointed out that acreage available for future use will not alone take care of our prospective population, but more skill must be used in producing human food. He stressed (1) more efficient use of roughage, much of which is now unused or partially wasted; (2) increased use of vitamin and antibiotic supplementation; and (3) improvement in forage processing and utilization, particularly of alfalfa, but also of other grasses whose increase is being encouraged by the "grasslands" program.

as summarized by Dr. H. Lineweaver who emphasized increased approximately 49% for chickens and seems related to an increase in efficiency of well as an increase of disposable income of con- rancidity in turkey meat as a quality decrease microbiological studies, pre-cooked frozen foods, -product utilization.

ed the formal presentations of the laboratory on various subjects for advisory committees and its were emphasized. Collaborators from the laboratory individually.

Chaw was concerned over deliniations of respon- agencies.

ision of appreciation for the fine luncheon; McKee

ng legislation sponsored by Congressman Delaney chemicals into food stuffs. Dr. Bishop of the importance of watching developments because of the producers if curtailments are made in use of products that increase the efficiency of production. rs write their Congressmen for testimony resulting unfairness in the manner in which many of the

30 P.M.

r at 9:10 in Room 245, Giannini Hall on the Berkeley.

gricultural and Industrial Chemistry commented on state stations and highlighted research under- ries. He asked the reactions of the Directors ed for the A.E.S. Committees and whether or not au was sufficient. Sharp suggested the "Chief's er separates; Dr. Scott expressed the thought even major budgetary divisions of work. At iment Station Directors with the idea that ed. Besse suggested 8 copies for each Director's desired number of reports of the Chief and that mimeographed reports of the laboratory activities. ailed. Sharp again suggested the Bureau con- he psychological effect of a more compact and e users.

ice of Experiment Stations send their "pink y be accompanied by the "attachments and was further suggested the sheet be accompanied

Bureau of Entomology and Plant Quarantine, re- au which establishes five regions for control research work which is still on a subject

re
B
adv
ps
It w
from
hear

The
University

Dr.
relation
way at the
concerning
the report
Report" by
that such
present, f
subject mat
office. Cur
they discont
roadbent s
under the ma
directly use

Buchanan
sheets" by requ
enclosures" all
by "list of pul

Dr. Bishop,
ferral to reorgan
work and other ag

matter basis; subject matter division reorganization and an attempt to direct the field research laboratories to State Experiment Stations was described. He asked the reactions of the Directors to the introduction of biological control for the eradication or restriction of prickly pear or cactus. Curry expressed the opinion that Animal Husbandrymen wanted to keep cactus, but Eckert stated that Arizona livestockmen (cattlemen) had recently expressed the opinion at a meeting that eradication of cactus and brush should proceed. Sharp suggested that resolutions should be secured relative to cactus control and that the effect of biologic control on ornamental cactus be ascertained.

Dr. McPhee of the Bureau of Animal Industry discussed the regional beef cattle project and stated that the beef cattle office of the Bureau was being transferred to Denver. He asked what advice the group wished to give relative to how future cures, if such be made, should be effected; the importance of evaluating projects and their eliminating the less important, was stressed. Dr. McPhee asked, if time permitted, if it would be satisfactory to contact McKee relative to reductions on the regional beef cattle work, the latter to have secured a tentative rating from the technical committee. Buchanan moved the matter be handled by McPhee and McKee; Besse seconded and the motion carried.

Dr. McPhee mentioned problems in connection with the feed supply at the Dubois station. He further stated that the Bureau intended to keep its financial support of the station at the same level even though the sales fund built up, and that they felt sheep work in other states must be supported.

The group withdrew for lunch at 12:00 and reconvened at 1:45 P.M. after lunching at the faculty club as guests of the College of Agriculture, University of California.

Fleming moved that the University of Idaho be encouraged to purchase necessary irrigated land from sales fund accrued to the University of Idaho through cooperative agreement relative to sales of Experimental produce from the U. S. Sheep Breeding Station, to produce necessary feeds for the breeding flocks now being run at the U. S. Sheep Breeding Station at Dubois, Idaho, and provide feeding quarters to be used in conjunction with the Dubois Station. Besse seconded and after discussion the motion unanimously carried.

Dr. McPhee discussed the problems of the Wingate Station and its uncertain status because of personnel changes and enlargement of an army area. McPhee was requested to bring the matter to the attention of the Western Directors at their Fall meeting. The budget difficulties of poultry project was discussed briefly by McPhee. He also mentioned the rabbit work being carried on at Fontana Farms on which the Bureau is spending \$41,000 annually. Work with fur bearing animals is being carried on in Alaska. Other field stations and cooperative studies were mentioned in passing. The incidence of foot and mouth disease in both Mexico and Canada and of anthrax in various points in the United States was discussed and control steps were outlined including the possibility of a laboratory to study foot and mouth disease which will create a major problem in recruitment of personnel.

Mr. Elting of O.E.S. spoke in behalf of Dr. Shaw, Director of A.R.A., and indicated that hearings before the house committee were aggressive and pointed up need for agricultural research in the immediate future if we are to adequately feed the population twenty-five years hence. Dr. Shaw has gone on record as favoring the policy laid down by Dr. Cardon that A.R.A. would continue to use funds (formerly 10b) in cooperative work. It was pointed out that it may be wise to re-examine the use of 9b3 in such small allocations that they may not be of optimum

usefulness. It was mentioned that the house committee was impressed by the fact that most research using R.M.A. funds had been approved by the advisory committees of the respective commodity groups. Dr. Shaw intends to get one representative from the experiment stations on each advisory committee as rapidly as possible.

Dr. Calhoun, Secretary of the Western Agricultural Economics Council, represented Dr. Wells of B.A.E. and mentioned marketing projects underway in the Western States on both Title II and funds formerly classed as 10b.

The next items of business were reports from administrative advisors of W. and WM. projects. Dr. Agnes F. Morgan was asked by Chairman Sharp to speak for him relative to project W-4. She reviewed the various reasons for undertaking the work on the nutritional status of humans in various sections of the West and briefly outlined the work completed to date and research planned for the immediate future. She reported the technical committee had recently met and had prepared a revised project which she distributed to the Directors.

Chairman Sharp reported on WM-1 and indicated the project was being tied together and improved and that publications would soon be forthcoming.

A report on WM-2 was made by Buchanan who stated a meeting was held in February and that efforts were being directed towards suitable methodology. Dr. Calhoun explained that increased prices can be realized for ripe peaches as compared to firms and hence greater returns are possible to growers if peaches are picked and sold at more optimum stages of maturity--considerable education will be necessary throughout the industry.

The WM-4 project was discussed by Wheeler who indicated that several publications were being processed, and that real progress was apparent. The overlapping between research and extension in marketing studies was discussed.

Briggs reported a manuscript was in progress on WM-5 and that apparently the trust fund would cover publication costs. The revised project involving greater participation of marketing personnel has been approved by the committee of nine and they have been furnished a requested priority on objectives.

Project WM-7 was reported on by Broadbent as being revised and the progress on publication was summarized.

Eckert distributed a report on WM-9 that outlined progress to date and plans for next year. Laws regulating movement of produce between states have been summarized by categories and indications are they will be useful.

McKee discussed inventories involved in project W-1 and presented tabulations showing existing distribution by cooperating states. To date 12 bulletins and 22 other manuscripts have been prepared.

Progress on Project W-2 was summarized by Kraus who mentioned the committee of nine had raised some minor questions. Only two of the original five objectives have been actively worked on. A project revision may be forthcoming. Several research papers have been written and presented and there is good coordination between the Western and Northeast regions. Kraus mentioned no trust fund had been established as yet for travel.

Besse reported on W-3 and stated several states have closed their phases of the study and that the entire project will be closed June 30, 1952. One technical

bulletin and one mimeographed report have been released and a popular publication is being prepared. The project has been under way $4\frac{1}{2}$ years and spent about \$68,000 of 9b3 funds.

Project W-6 was mentioned by Buchanan and he stated a coordinator was at work and progress was being made. A revision of the project may be made at the next meeting which will be held when funds are available.

Wheeler described work on Project W-7 and indicated an additional project objective had been proposed by the technical committee to allow a study on factors influencing fertility.

A booklet has been proposed as a publication on Project W-8. Sharp briefly outlined findings that have been brought out by the study that involve use of space and climatic suitability.

Broadbent mentioned he felt a report previously submitted to the directors by Director Walker should stand for Project W-9. The committee of nine has indicated they feel the project is rather broad.

The Chairman asked Curry to comment on IR-1 and he stated the committee of nine felt allocations of 9b-3 funds from the regions should be decreased; the budget is now \$18,800.

The meeting disbanded at 5:00 P.M. and reconvened at 9:15 A.M. in Room 245 of Giannini Hall.

Buchanan moved, and McKee seconded, that the minutes of the Houston Meeting be approved as sent to Directors; the motion carried. Buchanan also gave a very short report on activities of the Western Agricultural Council and indicated it were active.

Curry summarized activities of the committee of nine since our last meeting and indicated projects that had been reviewed and budget adjustments that had been made.

Besse reported that no meetings of ESCOP had been held since our last meeting and requested suggestions of things that should be considered at a forthcoming meeting. Sharp mentioned the dissatisfaction of his station and several others concerning the contract offered institutions engaged in contract research and felt ESCOP should look into the matter. Buchanan suggested that the committee on relations might consider the matter. Elting pointed out that the contracts as originally drawn were primarily for private industry and were not originally used for contracts with public institutions. Besse requested Elting send copies of the contract to McKee and himself, members of ESCOP.

Besse had no report as a member of the Liaison Committee, because no meeting had been called. He did report that apparently Dr. Shaw was attempting to strengthen State-Federal relationships and that his attitude toward the states seemed very commendable.

Buchanan reported that there had been only one major development relative to Title II, and asked Elting to comment. Elting explained the new procedure for handling projects which should speed up project acceptance or rejection.

A report of the legislative committee activities was made by Buchanan who reported a favorable hearing before the House Committee. They hinted that the

committee should "work on" the Bureau of the Budget. Buchanan moved we ask for $1\frac{1}{2}$ increments in RMA funds; McKee seconded and the motion passed.

The Chairman called on Mr. Elting to comment on O.E.S. matters, and he expressed greetings from Chief Trullinger. He reported they are interested in obtaining an exhibit of publications for the Grasslands Conference and would like each station to select from 1 to 5 publications to be placed in the exhibit. A supply of from 100 to 500 should be available to answer requests of foreign visitors. The list a station suggests should be in the hands of Knoblauch by June 15. He called attention to the fact that as Alaskan funds were increased to authorization the administrative budget of O.E.S. was decreased by a like amount. Farm population adjustments were mentioned, and Elting explained that about \$200,000 was involved in shifts. He also mentioned that pressure had been brought upon the administrator of ARA to set up an inspection service for periodic examination of field work similar to the annual inspection of O.E.S.; Dr. Shaw has proposed to O.E.S. that they might possibly work out a consolidation of such inspections by transferring personnel from the administrators office to O.E.S. to help carry on such examinations under the direction of O.E.S.; no action was suggested at this time. We were asked to report to Chief Wells any friction that may develop or is noted between B.A.E. and technical committees.

Buchanan briefly mentioned the correspondence relative to the National Reclamation Association. Curry and McKee expressed the feeling that we should work to increase funds we now have rather than get Congress started on another kind of appropriation.

McKee reported as a member of the "Grasslands Program" committee and passed out a prepared report he had presented to the National Committee and showed samples of literature that has been released across the Nation. Tours of the different regions were discussed with particular emphasis on the proposed Western tour.

Besse briefed the Directors on Wild-Life Research cooperative with state and federal agencies and the experiment stations; seventeen states now have such arrangements. He encouraged other Experiment Station Directors to attend the National Meetings (North American Wild Life Conference) and become active with groups operating within the state in research matters.

McKee emphasized that rural farm population is now only 14.5% of the total population and expressed concern of who was going to speak for agricultural research on state and national levels. He stressed that Service Clubs and civic groups can be told of their stake in a prosperous and productive agriculture.

The meeting was recessed at 12:10 for a buffet lunch as guests of the College of Agriculture in the faculty club, and reconvened at 1:30 P.M.

McKee reported the forage crop outline was completed and that a technical committee will meet in connection with another meeting--perhaps the Society of Agronomy.

The matter of numbering projects was mentioned by the Chairman, and he stated that some regions give temporary numbers. Curry preferred our present system even though assigned numbers may never actually be used. The Agricultural Economics Council uses letters until projects are activated. Broadbent moved and Eckert seconded a motion that we use letters for temporary approval of projects and the motion prevailed.

Broadbent moved we approve the revision of Project W-8. Eckert seconded and the motion passed. Buchanan moved and Kraus approved we accept the revision of W-4 and the vote was affirmative.

A revision of WM-7 was mentioned by Broadbent and he moved its adoption. Buchanan seconded and the motion passed.

Wheeler moved that the additional objective mentioned previously in the meeting for Project W-7 be approved after proper signatures have been affixed. Eckert seconded the motion and it passed.

Curry mentioned that a W-11 technical committee had met and revised the outline. Four states will be active participants and several others will be cooperators. He moved and Buchanan seconded a motion for its approval and the action was affirmative.

Fleming reviewed WM-11, a price policy project at the earliest stage of its development, and made reference to discussion at the Oregon Meeting concerning range economics. The title of WM-11 has undergone an evolution since it was first numbered. After considerable discussion it was moved by Broadbent that the title should be "Economics of Range Land Development," and that the project be shifted from the WM series to the W series and be renumbered; Buchanan seconded and the motion carried. Buchanan moved that the number be W-16 for the over-all project and that sub-projects such as WM-11 above be prepared to divide the work into technical and economic phases but that the work be very closely correlated; after a second by Eckert, considerable discussion ensued. Kraus called for the question but the call of the question was recalled. Eckert amended the motion to read, "Sub-project A (Economic Aspects) authorized to proceed immediately with organization of the work utilizing Farm Foundation funds for implementation until the fiscal year, 1953-54, when 9b3 funds are expected to be available. Sub-project B (Technical Aspects) authorized to be implemented when fund priority indicates." Buchanan seconded the amendment and both it and the motion carried. The above actions were summarized by Buchanan to read, "Thus, the project is to be W-16, 'Improvement and Best Use of Range Lands' with Subprojects, A. 'Economics of Range Land Improvements,' and B. 'Range Improvements.'" Buchanan moved its adoption and Eckert seconded after which it was approved.

Buchanan moved, "That the present subcommittee of the WAERC be designated as the technical committee for subproject A of W-16 with C.E. Fleming as Administrative Advisor." Fleming seconded and the action was approved.

It was moved by Buchanan that the representatives of the Western Directors be authorized to act for them in case adjustments need to be made because of reductions in appropriations. McKee seconded and the motion carried.

Kraus moved that an exception to our numbering policy be made and that the housing bulletin be given a Regional number. Broadbent seconded and the motion carried.

Sharp emphasized that a uniform regional cover should be adopted that will carry a map of the region (and other contributing states) and that the name of all states should be carried on the cover. Kraus moved we adopt the proposal and after a second by Besse the plan was adopted. Elting emphasized that some contact should be made with Mr. W. P. Meyer, (O.E.S. information) when regional publications are to be released, and that such should go from the station editor involved across the desk of his respective Station Director.

Chairman Sharp distributed a tabulation of current allocations to Regional Projects. Buchanan moved and Broadbent seconded a motion we approve the WM budgets as proposed by the Western Agricultural Economics Council for 1952-53 and sent to the Directors by Chairman Sharp prior to the meeting; the motion carried.

McKee moved that allocations for the W-1 Project be approved as they are at the current time; Fleming seconded and the motion carried.

Kraus moved and Fleming seconded no change in the budget for W-2 and the motion carried.

Besse moved discontinuance of the budget for W-3 in 1952-53 and the money be placed in some other project; McKee seconded and the motion carried.

Chairman Sharp presented the budget for W-4 for 1952-53 as adopted at the last technical committee meeting. Eckert moved the approval, and the motion carried following a second by Fleming.

Buchanan moved and Curry seconded that allocations for W-6 be approved; the motion carried.

Wheeler moved that no changes be made in W-7; Broadbent seconded and the budget was approved.

Chairman Sharp presented the proposed budget for W-8 and Eckert moved with a second by Besse for its adoption. The motion passed.

Broadbent moved that W-9 allotments remain the same; Buchanan seconded and it was approved.

Curry moved that the \$6,000 budget formerly used by W-3 be transferred to the new weed control project (W-11). McKee seconded and the motion carried. Curry then moved the money be distributed as follows:

Colorado	\$1,500
Oregon	1,000
Washington	1,500
Wyoming	2,000

Fleming seconded and the motion passed.

Buchanan moved that the executive committee of the Economic Council be asked how they will distribute a total of \$190,000 for marketing and \$45,000 for non-marketing (range studies) if a 15% increment is realized; Broadbent seconded and the proposal was approved.

The question of distributing increased funds if a 15% increment is realized was raised. Buchanan moved that allocations be made (subject to review at a later time) as follows:

W-23	\$29,100
W-22	30,000
W-15	20,000
W-6	20,000
	<hr/>
	\$99,100

Kraus seconded the motion and it carried.

Buchanan moved Dr. Sharp be retained as Chairman of the group for another year. Kraus seconded and Besse took over the chair after which election was unanimous.

Broadbent moved the present Secretary, Briggs, continue another year. Wheeler seconded and the motion carried.

Buchanan and Kraus invited the group to their States for a meeting next year where they would act as joint hosts, and the group enthusiastically accepted. They are to canvass the group about arrangements and entertainment desired.

McKee moved the appreciation of the group be extended to Dr. and Mrs. Sharp for a very enjoyable social evening at their apartment the first evening of our meeting. Eckert seconded the motion which carried.

Wheeler brought up the question of the attitude of the group towards the study of irrigated agriculture as being conducted by the Land Grant College Committee of which President Humphrey, (Wyoming) is Chairman. Special reference was made to a questionnaire already sent the Presidents of the Land Grant Colleges. Because of a lack of information no action was taken.

Fleming moved we extend our appreciation to the University of California and adjourn; Eckert seconded and the motion was approved. Adjournment was at 4:45 P.M.

H. M. Briggs
Secretary

Western Region - Other Research
1952-1953

W-1, The improvement of beef cattle through the application of breeding methods
W-2, Causes and prevention of breeding failure in dairy cattle
W-4, Nutritional status of population groups in selected areas of the west
W-6, The introduction, multiplication, preservation, and determination of potential value of new plants for industrial and other purposes and for the preservation of valuable germ plasma of economic plants
W-7, Breeding improvement of turkeys
W-8, The improvement of rural housing in the western region: A study to determine functional requirements
W-9, Irrigation and soil management studies including drainage, salinity, and fertilization
W-11, Physiological and ecological factors related to weed control

	W-1	W-2	W-4	W-6	W-7	W-8	W-9	W-11	Total
State									
Arizona	\$ 2,500		\$ 3,800			\$ 4,000	\$ 6,000		\$ 16,300
California	3,000		9,000*		\$1,500	4,000*			17,500
Colorado	8,300	C	1,000	C	1,500*	4,000	6,000	\$1,500	22,300
Idaho	5,000	\$ 5,000	1,000	C		C			11,000
Montana	5,000*		7,000	C	C	4,000			16,000
Hawaii			C						--
Nevada	3,400								3,400
New Mexico	9,000		1,000	\$1,500		C		1,000	11,500
Oregon	8,900	\$ 5,000	C		1,500	4,000	6,000*		20,400
Utah	7,690	C	4,200	C	1,500	4,000		1,500	23,390
Washington	6,140	3,000	4,800	C*	1,500	4,000	6,000	2,000	26,940
Wyoming	3,500			C	C				5,500
Regional Trust			7,000**	4,900		1,550			13,450
Planning and Coordination	1,570		1,200		300	1,200	1,361		5,631
Total	\$64,000	\$13,000	\$40,000	\$6,400	\$7,800	\$30,750	\$25,361	\$6,000	\$193,311

* State having custody of regional trust fund and planning and coordination fund, in support of the regional project recommended by the technical committee and approved by the administrative advisor.

** For statistical coordination and aid to Arizona in recheck of nutritional status.

PRELIMINARY ALLOTMENTS OF THE REGIONAL RESEARCH FUND, SECTION 9(b)3, RESEARCH AND MARKETING ACT
 TO COOPERATIVE REGIONAL PROJECTS OF THE STATE AGRICULTURAL EXPERIMENT STATIONS, FOR 1952-53

WESTERN REGION - MARKETING PROJECTS

Recommended by the Western Agricultural Economics Research Council at Denver, March 13-14, 1952

- WM-1, Maintaining and expanding the market for dairy products
- WM-2, Improving the marketing of western deciduous tree fruits
- WM-4, Marketing livestock, both feeder and slaughter, in the Western States
- WM-5, Preparation, processing & marketing of domestic wools to enhance their market value and increase returns to the wool grower
- WM-7, Marketing poultry and poultry products, including turkeys
- WM-9, Agricultural trade barriers in the Western States

TOTAL \$106,789

	WM-1	WM-2	WM-4	WM-5	WM-7	WM-9	Total
Arizona	---	---	---	---	---	---	5,000
California	4,000 *	CP	1,500	---	3,600	---	9,100
Colorado	C	3,000	4,500 *	1,000	C	C	8,500
Hawaii	---	C	5,000	---	C	C	5,000
Idaho	3,500	C	3,200	---	---	C	6,700
Montana	3,500	---	2,500	1,000	---	---	7,000
Nevada	C	---	5,000	---	C	---	5,000
New Mexico	---	---	2,500	3,500	---	---	6,000
Oregon	4,000	CP	2,500	1,000	4,000	---	11,500
Utah	3,000	CP	3,000	400	2,100 *	1,500	10,000
Washington	CP	8,000 *	CP	---	CP	1,000	9,000
Wyoming	C	---	5,000	5,450 *	---	---	10,450
Texas	---	---	3,000	1,500	---	---	4,500
TOTAL	18,000	11,000	37,700	13,850	9,700	7,500	97,750
P & C **	800	700	1,550	1,200	489	300	5,039
Printing **	1,200	300	1,200	---	500	800	4,000
GRAND TOTAL	20,000	12,000	40,450	15,050	10,689	8,600	106,789
BAE	9,000	---	19,000	5,000	6,500	---	39,500

* State having custody of regional trust fund, where the Administrative Adviser is located.
 ** For Planning and Coordination, printing of reports on project research, and other regional expenditures in support of the regional project.

April 14, 1952

Tentative Allotments of the Regional 9(b)3 Funds to
MARKETING PROJECTS AND OTHER ECONOMIC PROJECTS

Allotments by Projects With Indicated Percentages of an Added Increment
Recommended by the Western Agricultural Economics Research Council

Project	No	Percentage of added increment				
		20%	30%	50%	100%	150%
MARKETING PROJECTS						
WM-1 Dairy	16,000	21,000	21,000	21,000	21,000	22,000
WM-2 Deciduous Tree Fruits	12,500	16,550	16,550	16,550	16,550	16,550
WM-4 Livestock	33,500	33,500	33,500	33,500	33,500	34,500
WM-5 Wool	15,050	15,050	15,050	15,050	15,050	20,050
WM-7 Poultry and Poultry Products	10,200	10,200	10,200	10,200	10,200	12,200
WM-9 Trade Barriers (For Publication)	500	500	500	500	500	500
WM-A Marketing Horticultural & Floricultural Products	2,000	5,000	10,000	10,000	15,000	26,000
WM-B Marketing Field Seeds	4,839	5,000	7,000	7,000	11,500	22,500
WM-C Marketing Cereal Grains	2,700	2,700	5,700	5,700	12,700	23,700
Total for Marketing Projects	97,289	109,500	119,500	119,500	136,000	178,000
OTHER ECONOMIC PROJECTS						
W-16, Sub-Project A: Economics of Rangeland Development	9,500	9,500	9,500	15,500	45,000	45,000
W-X Economics of Weeds and Their Control	--	--	--	--	--	12,000
Total for Other Economic Projects	9,500	9,500	9,500	15,500	45,000	57,000
TOTAL FOR ECONOMIC PROJECTS	106,789	119,000	129,000	135,000	181,000	235,000

May 6, 1952