MINUTES OF THE MEETING
JOINT SUBCOMMITTEE
ON EDUCATION APPROPRIATIONS
MONTANA STATE
HOUSE OF REPRESENTATIVES

January 28, 1985

Tape 27 Side A

The meeting of the Education Subcommittee was called to order by Chairman Gene Donaldson at 7:35 A.M. on Monday, January 28, 1985, in Room 104 of the State Capitol.

All members were present.

The purpose of the meeting was hearing the Budget of the Agricultural Experiment Station.

The first witness was Representative Jerry Devlin (27:A:034), House District 25, who discussed the Fort Keogh hog operation and said he has been in touch with hog producers in his district, and many of them are unhappy with moving the operation out of Miles City. He said he supports the concept of leaving the operation in Fort Keogh because he believes that in the state there is a special need for a facility that addresses the raising of dirt hogs.

The next witness was Senator Les Hirsch (27:A:078) of Miles City. He said he supports the facility at Fort Keogh. It is an old facility, he said, but well kept, given the limited revenues that have been available.

A presentation was made by Sib Clack (27:A:122), Office of the Budget and Program Planning (EXHIBIT 1). The Agricultural Experiment Station was established at Montana State University in 1893 by the Legislature. The Experiment Station is composed of 14 research and service departments and laboratories located at Bozeman and seven research centers located throughout the state.

The total agency is budgeted as two programs, Ms. Clack said, the first being the Agricultural Experiment Station. The second program within the agency budget is LARRS, which is the USDA Livestock and Range Research Station at Miles City. LARRS is a joint federal/state operation. There have been some program changes involving the dairy and swine and livestock nutrition programs within the Agricultural Experiment Station and the U.S. Range Station. This has resulted in a reduction of 4.02 FTE at the Range Station and an increase of two FTE in the main operation.

The Board of Regents' approved agency request for the 1987 biennium represents a 12 percent increase over the 1985 biennium, Ms. Clack said. The Executive budget recommends 90 percent of the total agency request. The Agricultural Experiment Station personal services recommendation for FY 86 represents the agency's request without modifications and minus 4 percent vacancy savings. The Executive budget recommends $6,538,844 for personal services for each year of the biennium, she said.

The Executive recommends an operating budget for FY 86 of $1,635,485 and for FY 87 $1,648,789. The Executive equipment recommendation is $251,150 for FY 86 and $203,000 for FY 87, Ms. Clack said.

For the Range Station, the personal services recommendation from the Executive budget is $720,913 per year. This is the agency request minus 4 percent, Ms. Clack said. The operating budget recommendation is $148,929 in FY 86 and $150,220 in FY 87. The equipment budget recommended by the Executive is $1,500 for each year.

The next presentation was made by Bill Sykes (27:A:258) of the Legislative Fiscal Analyst's office (EXHIBIT 2). The major difference between the Executive budget and the LFA in FTE is 2.59 FTE. The Executive provided funding for the 2.59 FTE who were employed on the agency's dairy research project. The dairy research project is scheduled to terminate in FY 85. The project employed 5.59 FTE. The agency deleted three FTE associated with the project, but requests to retain in the current level budget the remaining 2.59 FTE. The Executive also included higher benefits and higher benefit rates. The Executive included higher salaries for part-time employees in its budget, Mr. Sykes said.

Mr. Sykes said in the area of operating expenses the LFA exceeds the Executive in both years, primarily because of inflation factors. The Executive is higher in supplies and materials because the LFA current level allowed more budget reduction for the termination of the dairy research project. Also, an amount was added by the Executive to provide continued funding for weed research.

In the equipment budget the Executive is higher than the LFA, Mr. Sykes said. The Executive's equipment budget was derived by funding selected equipment items from a replacement schedule submitted by the agency. Current level analysis provides replacement capital for equipment items with a purchase price of less than $2,000. The 1985 replacement cost of each category of equipment is derived

by dividing the equipment's replacement cost by its useful life and then subtracting a trade-in value. Inflation in each equipment schedule's price index is used to determine the FY 86 and FY 87 replacement cost. Requested equipment items costing more than $2,000 are to be submitted in a prioritized list by the agency as modified requests.

Regarding funding, Mr. Sykes said the Executive used Experiment Station estimates of federal Hatch and regional research revenues. If the agency's estimates were used, the General Fund would have to be increased by $40,489 in FY 86 and $95,526 in FY 87. For state special revenue, the Executive used a five-year average to project state special revenue for FY 86 and FY 87. Current level analysis also used a five-year average, but added 4, 4.5 and 5 percent inflation for FY's 85, 86 and 87 respectively. Current level analysis also includes $19,000 (projected) in state special revenue in FY 86 for the final installment on the Bozeman dairy herd to be paid by the prison ranch. The Executive exceeds the LFA in General Fund amounts.

Turning next to the U.S. Range Station (LARRS), Mr. Sykes said in the personal services area there is no difference in FTE between the Executive and LFA. The difference occurs primarily in employee benefits. Current level FTE decreased by 4 or 9.9 percent in the 1985 biennium because the U.S. Range Station is terminating the swine research project in FY 85. Three classified FTE and one professional FTE were deleted from the budget.

In the area of operating expenses, LFA current level is higher than the Executive, Mr. Sykes said, primarily because of inflation factors. Also, the LFA is higher in supplies and materials than the Executive. The large difference between the two budgets in FY 87 results from the Executive's reducing the agency's requested amount to purchase fertilizer.

The LFA's equipment budget is higher in each year, Mr. Sykes said. The Executive budget provides $1,500 in each year to allow the agency to purchase one horse in each year. LFA current level provides $3,000 to purchase two horses in each year, per the agency's request.

Mr. Sykes said the LFA budget is higher in each year in the area of funding for the U.S. Range Station.

An area of concern regarding the Range Station's budget is the radical decrease of the fund balance, Mr. Sykes said. Although depletion of the fund balance will decrease with termination of the swine research project, the fund balance will continue to be depleted into the 1987 biennium

because beef research fails to be self-supporting. Expenditures are projected to exceed revenue by 10.3 percent in the 1987 biennium with the termination of the swine research project. The present trend in revenues and expenditures indicates the fund balance will be exhausted by fiscal 1988, at which time it will be necessary for the Range Station to reduce programs or find additional sources of revenue, Mr. Sykes said.

A question and answer session followed between the Subcommittee members and Mr. Sykes (27:A:488).

The next witness was Dr. Bill Tietz (27:A:544), President, Montana State University. He said the testimony that will be heard by the Subcommittee today and tomorrow represents two of the ancillary programs of Montana State University that are designed to serve a particular element of the economy of the state. These combine with the Forest Experiment Station of the University of Montana and the Bureau of Mines at Montana Tech in representing the principal interrelationships with the state's natural resources. The university/industry relationship and the matter of transfer of technology have become buzz words throughout higher education, academic circles and the nation's industries. He said the Agricultural Experiment Station was inaugurated the same year that Montana State University was founded, 1893, and it has maintained a close relationship with industry for that entire period of time.

Dr. Tietz said he would direct his comments to two elements of institutional concern. In terms of the general thrust of the Agricultural Experiment Station, one of the problems that it is struggling with is the one of centralization and decentralization. The Experiment Station has tried to bring agriculture to all corners of the state. Now there is the question of whether or not they should maintain a peripheral program in swine activities in Miles City, or should they consolidate for efficiency reasons on the campus.

The second principal thrust of the Experiment Station is one of keeping today's farmer and rancher in business. In the past, production efficiencies have been achieved by increasing volume and in so doing attempting to decrease unit cost. The result of that has been a consolidation of farms. The big farm now prevails, Dr. Tietz said, and the small farmer is driven out of business. The present pressures on the Agricultural Experiment Station speak to keeping the current farmer/rancher population in existence and healthy. This must be directed to increasing efficiency in terms of cost of production for the current farming/ranching establishement.

Dr. Tietz said Montana State University and the Agricultural Experiment Station do not consider the swine production program and the dairy production program to be modifieds. They represent simple re-evaluation/evaluation of the existing needs of the agricultural community as determined by the Advisory Committee to the Agricultural Experiment Station. He said the Advisory Committee was established by the Legislature in 1981. The purpose is to assess each of the agency's projects to determine merits and accomplishments, and then recommend either continuation, modification or termination and re-direction of resources. Those recommendations were brought forward relative to the dairy and swine programs, he said, and they in no way indicate that the agency's interests in dairy or swine have changed. They are only saying that there are internal modifications, Dr. Tietz said. They are shifting direction, not changing in terms of need. He said he finds the practice of looking at each modification and subjecting it to the political process to be dangerous. He said those kinds of changes of program should not be considered program modifications.

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Dr. Tietz discussed vacancy savings. In a research enterprise like the Agricultural Experiment Station, the idea of funding raises or decreasing programs on the basis of vacancy savings is a serious one. He appealed to the Subcommittee to spend some time with the Agricultural Experiment Station and the Cooperative Extension Service people to discuss the impact of vacancy savings on their programs. Vacancy savings represents a significant decrease in the resources available to perform the functions which should be achieved by these two agencies, he said.

Dr. Tietz then introduced Dr. James Welsh (27:B:017), Director, Agricultural Experiment Station and Dean, College of Agriculture, Montana State University. Dr. Welsh introduced Dr. Arnie Hoven, Associate Director, Agricultural Experiment Station; Ms. Jerry Sutton, Fiscal Officer; and Mr. Jack Hanson, Program Officer.

Referring to EXHIBIT 3 , a booklet that was distributed to the Subcommittee, Dr. Welsh discussed the agency's 1987 biennium budget request (page 14). He pointed out that the state is only investing less than 2 percent of the general tax fund dollars in research and development of agriculture, the state's largest industry. He said at first glance it may appear that agriculture is the sole benefactor from the state's investments in research and development. However, it is important to remember that a major portion of the state's total economy rests on an agricultural base, he said.

Dr. Welsh next discussed the funding structure (Exhibit 3 page 9). He pointed out that the Agricultural Research Station is not an isolated activity, but is part of a regional and national agricultural research network. Dr. Welsh mentioned the establishment of the advisory committees. Each research center, and LARRS, has its own advisory committee. Dr. Welsh said the decisions being discussed are not unilateral decisions. They are discussed extensively with the Advisory Council.

Referring to Exhibit 3, Dr. Welsh discussed the goals of the Experiment Station for 1986 and 1987. He then returned to discussion of the budget (Exhibit 18 page 14). The major differences that occur in the budget center around the personal services activities and capital equipment, he said.

Dr. Welsh discussed those issues which the agency considers critical (Exhibit 3 page 17). Vacancy savings is the most critical budget issue, he said. The agency was able to meet its vacancy rate--but it has no alternatives. A vacancy rate imposed by the Legislature becomes a self-fulfilling prophecy, he said. The vacancy rate was met in the last biennium by holding vacancies across the Experiment Station. Loss of program leadership, reduced efficiency in the utilization of research time, and the reduction of relatively time-expensive activities, such as off-station plots, have resulted from this serious budget deficiency, Dr. Welsh said.

Another critical budget issue is the dairy program, Dr. Welsh said. The Dairy Program was restructured toward a greater concentration on animal nutrition and the development of cooperative research, teaching and extension activities with other states, particularly Utah. This decision was reached after extensive discussion with the Montana Dairymen's Association and the Advisory Council. Within the agency there was one dairy scientist and one worn-out facility. This restructuring is in the best interest of efficient use of resources and development of excellence, Dr. Welsh said.

Tape 28 Side A

Dr. Welsh stated that the restructuring of the Dairy Program is not a modification; it is a restructuring of the program.

At this point, Chairman Donaldson commented that relative to the modification aspect, early in the session it was agreed that any substantial changes to current level will be dealt with as modifieds.

Dr. Welsh stated that the agency feels that the LFA incorrectly calculated health insurance costs at 190.17 eligible FTE rather than the correct number of 221.14 FTE.

Dr. Welsh said the Experiment Station's projects have a normal life span of three to five years. They are reviewed and then extended, revised and renewed, or terminated with the resources being reallocated to new projects. The suggestion made by the LFA that funds be removed from the budget at the end of a project's life suggests that the agency would be removing FTE and program activities on a periodic basis, he said.

Dr. Welsh said the Experiment Station participates in regional projects. These projects involve several states, and travel is necessary in order for the agency to paricipate in these projects. In the past biennium there was a significant reduction in funds for out-of-state travel, and the agency requests restoration of these travel funds, he said.

Dr. Welsh next discussed the equipment requirements of the Experiment Station (EXHIBIT 4). At the request of the Legislature, a list has been provided by the agency.

Dr. Welsh said earmarked revenue projections have been based on five-year averages. After removing income associated with the dairy, the biennium revenue is projected to be $1,040,000. The LFA projects $1,177,000 and includes an assumption that prices will increase 8 percent in the biennium. Given the current and foreseeable agricultural price picture, these assumptions are not realistic, Dr. Welsh said.

Dr. Welsh discussed a modified request for increased research on uses and value of Montana agricultural products (Exhibit 3 page 19). He discussed the Fort Keogh Livestock and Range Research Station (LARRS). He stated that the LFA has expressed concern that the earmarked revenue reserves are being depleted at this facility. This is correct, he said. Certainly the termination of the swine program is a step to reduce the rapidity of the revenue depletion. However, he said the agency has had extensive conversations with the USDA administration. The Fort Keogh Station is a regional federal facility, and the USDA agrees that it is its responsibility to fund this station at a particular program level. Dr. Welsh said the Agricultural Experiment Station has reached an agreement with the USDA that the earmarked revenue situation will continue to be handled as it is now. If a point is reached where additional funding is needed, it will have to be provided on the federal side, he said. This facility is a regional operation, not just a Montana responsibility, he said.

The final topic discussed by Dr. Welsh was swine research. He said there is a swine research scientist located in Bozeman. His responsibility has been to run the project at Bozeman and the one at Miles City. The Miles City program is being operated out of a converted 1930 dairy barn, and it is a dirt lot facility. Dr. Welsh said his agency does not argue with the contention that there is a need for swine research in the area, however in the interest of providing appropriate research, and this is basically swine nutrition research, the agency feels that the cost effectiveness of keeping the facility open is prohibitive. He said he is sympathetic with the request for keeping the facility open, but without major additional financial input, the agency feels it can do a better job by concentrating the activities in Bozeman.

A discussion of the Miles City Swine Research Program followed between Dr. Welsh, Dr. Tietz and members of the Subcommittee (28:A:295). Dr. Tietz pointed out that the decision to close the Miles City Station and consolidate the operation is contingent upon retaining the staff and the human resources associated with the project. Dr. Welsh said it was contingent upon addition of staff.

The next witness was Lloyd Schmitt (28:A:332), Chairman, Agricultural Experiment Station Advisory Council. Mr. Schmitt reviewed the history of the Advisory Council. He said that vacancy savings puts a premium on inefficiency and instability. He discussed the Advisory Council's reasons for recommending the modification program. He said agriculture in Montana is not short of available credit; it's short of available credit worthiness. He said the main items that Montana farmers and ranchers have to sell are grain and feeder calves. He said that in merchandising of agricultural products they are "forcing up the shot", and often the shots aren't going in. Farmers and ranchers need a better shot, Mr. Schmitt said.

Tape 28 Side B

The next witness was Curt Almy (28:B:052), President, Southeastern Montana Port Producers (EXHIBITS 5 - 19). Mr. Almy said the Miles City Swine Research Station has helped hundreds of hog producers, and during its 16 years of existence not one tax dollar from the state has gone into support of the facility. It has been supported by funds that it has generated, he said. He pointed out that the facility in Bozeman is within the city limits and said that in a few years the people living in a nearby subdivision could force the station out of the area. If that happens, and with the Miles City station already closed, there would be no swine research at all. Mr. Almy said that $75,000 is needed to cover the Miles City station's

deficits that occurred in the last two years. This amount would cover the deficits and pay for minor structural repairs, he said. If there is no place for pork producers to fall back on, the genetic research accumulated over the years will be lost, and this would be unfortunate.

A question and answer session followed between the Subcommittee members and the witnesses (28:B:158).

Chairman Donaldson asked Dr. Welsh if he agrees with the $75,000 figure mentioned by Mr. Almy. Dr. Welsh said the agency's figure includes the funding of a research position and about $150,000-worth of facilities development. The bottom line figure is approximately $100,000 in program costs per year, he said.

The next witness was Senator Larry Tveit (28:B:180), District 11. He said it's important to look at diversity in agriculture. He mentioned the sugar beet transplant program. Senator Tveit said the replacement of agency equipment should be seriously considered and that the noxious weed problem is serious and a weed coordinator should be funded.

Following a 10-minute break, Pat Iman, Chairman, Agricultural Subcommittee of the Council of Science and Technology (28:B:249), appeared before the Subcommittee. Ms. Iman said the Council feels this is no time to cripple the research capacity of any unit that serves a basic industry of the state. She said research to enhance the value of agricultural products is a pressing need. Product enhancement creates jobs. Agriculture in Montana needs to adjust to the fact that it takes fewer people to produce our food, she said.

The next witness was Rodney Vannoy (28:B:361), representing the Western Montana Advisory Committee for both Western Montana Experiment Stations. He said off-station research is valuable to farmers and ranchers because the research is done close to where they live. He said the one who benefits the most from agricultural research is the consumer.

Chairman Donaldson commented on the vacancy savings issue. He said this issue impacts both the Agricultural Experiment Station and the Cooperative Extension Service. During the last session there was an attempt to fund a pay plan with vacancy savings, and a lot of people didn't think it would work, and obviously it hasn't, he said. There is a more rational approach being used for vacancy savings now, and there is in fact a legitimate vacancy savings, and an effort is being made to arrive at the right approach, he said.

The next witness was Al Kurki (28:B:445) (EXHIBIT 20), a member of the staff of the Alternative Energy Resources Organization. He urged approval of funding at the levels proposed by the Agricultural Experiment Station and said that given the current state of agriculture, this is no time for cuts in research activity.

The next witness was Don Steinbeisser (28:B:488) (EXHIBIT 21), a sugar beet grower from Sidney, President, Montana-Dakota Beet Growers Association. He said it would be a mistake to cut the budget of the Experiment Station. He said there is a Soils and Water Research Station in Sidney which was nearly shut down in 1983. This station is important to the area, he said. Last year the Sidney station started a sugar beet transplant project, which was requested by the growers. This research needs to be continued because it will greatly increase productivity, Mr. Steinbeisser said.

A question and answer session followed between the Subcommittee members and the witnesses (28:B:537).

The next witness was Ross Fitzgerald (28:B:511) (EXHIBIT 22), Vice President, Montana Grain Growers Association, and a farmer from Power. He said his association fully supports full funding for the Experiment Station, recognizing the fact that agriculture today is an ever dynamic situation requiring much research.

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The next witness was Frank Loch (EXHIBIT 23), a farmer from Dutton and a cooperator with the Experiment Station in Conrad. He urged full funding of the Experiment Station and said he is working with the agency in the development of alternate crops: sunflowers, safflower, etc.

The next witness was Richard Buxbaum (29:A:017)(EXHIBIT 24), a sugar beet grower from Sidney. He said he supports the testimony of Don Steinbeisser regarding the need for further research on sugar beet transplants.

The next witness was Bill McLean (29:A:041) (EXHIBIT 25) of Brady, who is a member of CARE and a member of the Experiment Station Advisory Board at Conrad. He said he was speaking for himself as a young farmer. He said the Legislature showed its concern for young farmers two years ago when it instituted a Young Farmer Loan Program. He said the programs of the Experiment Station are especially beneficial to young farmers who don't have their own experience to rely upon.

The next witness was Glen Asbeck (29:A:051) (EXHIBIT 26), a sugar beet grower from Sidney. He said he supports Don Steinbeisser's testimony.

The next witness was Paul Kronebusch (29:A:071) (EXHIBIT 27), a farmer-rancher from Conrad and member of the local and state advisory committees. He discussed vacancy savings and the fact that research is not being done because projects can't be carried out. He said research is a good investment of tax dollars, and this is not the time for research cutbacks. He requested that the personal services portion of the Experiment Station's budget be reinstated to achieve authorized staffing and program capacity and that funds be supplied to cover both the salary and benefit increases. Research will allow the farmer to help himself, he said.

The next witness was Larry Johnson (29:A:151), a member of the Advisory Council of the Havre Experiment Station and a farmer from Kremlin. He discussed the capital equipment request and said there has not been enough funding over a period of years to replace equipment. Now the equipment has deteriorated to a point where something must be done. He said it is the obligation and duty of the state to support efforts in research.

A question and answer session followed between the witnesses and the Subcommittee members (29:A:250).

The next witness was Michelle Wing (29:A:288)(EXHIBIT 28), Associated Students, Montana State University. She supports the budget proposals of the Experiment Station.

Chairman Donaldson noted that he and Representative Peck toured the station at Havre in the fall, and said he is pleased with the progress of the advisory committees. He said the approaches to the swine and dairy problems show that the agency is trying to address the issues and being innovative in their solutions.

The meeting adjourned at 11:05 A.M.

Gene Donaldson, Chairman

DAILY ROLL CALL

EDUCATION SUB COMMITTEE

49th LEGISLATIVE SESSION -- 1985

Date January 28, 1985

NAME	PRESENT	ABSENT	EXCUSED
Rep. Gene Donaldson, Chair	X		
Sen. Judy Jacobson, Vice	X		
Sen. Jack Haffey	X		
Sen. Swede Hammond	X		
Rep. Bill Hand	X		
Rep. Jack Moore	X		
Rep. Ray Peck	X		

VISITOR'S REGISTER

HOUSE Education Sub COMMITTEE

BILL _____ DATE Jan. 28, 1985

SPONSOR _____ Ag Experiment Station

NAME	RESIDENCE	REPRESENTING	SUP-PORT	OP-POSE
Clyde Carroll	MSU - CES	MSU - CES	✓	
Carl Hoffman	MSU - MCES	MSU - MCES	✓	
Arnold Gittel	Power, MT.	MCES	✓	
J. Brunner	1496 Kodiak Rd Hel	GRANGE	✓	
CAROLYN MILLER	HELENA	SELF	✓	
Arlene M Hill	Raynesford	CARE - MEAC	✓	
Paul Kronebusch	Conrad	AG ADVISORY MAES	✓	
Bonnie Kronebusch	Conrad	Self	✓	
LARRY Johnson	Kremlin	MAES Ag Advisory Council	✓	
GLEN ASBECK	SIDNEY	MONT-DAKOTA BEET	✓	
Don Steinbeisser	Sidney	Mont-Dakota Sugarbeet Growers	✓	
Richard Buxbaum	Sidney	Mont. Dakota Beet Growers	✓	
Betty LaSalle	Helena	Gene Donaldson	✓	
Alan Eck	Bozeman	Montana Farm Bureau	✓	
Marg Green	Bozeman	Montana Farm Bureau	✓	
Bill McLean	Brady		✓	
Lloyd Schmitt	Stanford	MAES Advisory Council	✓	
Gary Sutton	Bozeman	MSU-AES	✓	
Dan Barlow	Bozeman	MSU - College of Ag	✓	
ROSS H. FITZGERALD	POWER, MT.	M.G.G.A. (Rain Power Ass'n)	✓	

IF YOU CARE TO WRITE COMMENTS, ASK SECRETARY FOR LONGER FORM.

WHEN TESTIFYING PLEASE LEAVE PREPARED STATEMENT WITH SECRETARY.

FORM CS-33

(2)

VISITOR'S REGISTER

HOUSE Education Sub COMMITTEE

BILL _____ DATE Jan. 28, 198

SPONSOR _____ Ag Experiment St'n

NAME	RESIDENCE	REPRESENTING	SUP-PORT	OP-POSE
Arne Hovin	MSU-MAES Bozeman	MSU-MAES	✓	
Jack Hanson	MSU-MAES Bozeman	MSU-MAES	✓	
Wm R. Jones	Choteau -	Self + Teton Co	✓	
Tom Nopper	MSU	MSU	✓	
Bill Tietz	MSU - Bozeman	MSU AES	✓	
Michelle E. Wing	Bozeman	Associated Students MSU	✓	
Robert Layne	Valier Mont	Livestock Producer	✓	
Sen. Les Hirsch	Miles City	Senate	✓	
Curtis Almy	Ismay	hog Producer.	✓	
Patricia J. Almy	Ismay	" "	✓	
Pat Iman	Victor	Cattle - grain on our ranch Council on Science & Tech	✓	
Stuart Doggett	Helena	Mt. Stockgrowers Mt. Ass of Grazing Districts	✓	
Gordon McGowan	Highwood	Case	✓	
J. E. Dayton	Helena	Commissioner of Higher Ed		
James R. Welsh	Bozeman	Ag. Exp Station		
Rodney Vannoy	Missoula	Max Colt Experiment		OT
Al Kerlin	Helena	Alternative Energy Resources Org.	✓	
Jim Granger	Gt Falls	Farm Bureau	✓	

IF YOU CARE TO WRITE COMMENTS, ASK SECRETARY FOR LONGER FORM.

WHEN TESTIFYING PLEASE LEAVE PREPARED STATEMENT WITH SECRETARY.

FORM CS-33

CLARIFICATION OF EXECUTIVE BUDGET FUNDING OF MONTANA AGRICULTURAL EXPERIMENT STATION - AGENCY 5109

	ORIGINAL			CORRECTED AND REVISED		
AES (program 14)	FY86	FY87	87B	FY86	FY87	87B
General Fund	$6,116,217	$6,046,517	$12,162,734	$6,138,339*	$6,068,539*	$12,206,878*
Sales & Services	520,000	520,000	1,040,000	520,000	520,000	1,040,000
USDA	1,767,090	1,802,431	3,569,521	1,767,090	1,802,431	3,569,521
Total	$8,403,307	$8,368,948	$16,772,255	$8,425,429	$8,391,070	$16,616,499
				8,352,612	3,269,644	14,572,361 = -2% GF
LARRS (program 15)				(* Addition of $22,122/yr operating for weed research.)		
General Fund	$ 251,342	$ 272,633	$ 523,975	$ 0	$ 0	$ 0
STIP Earnings	20,000	0	20,000	20,000	0	20,000
Sales & Services	600,000	600,000	1,200,000	851,342	872,633	1,723,975
Total	$ 871,342	$ 872,633	$ 1,743,975	$ 871,342	$ 872,633	$ 1,743,975
AGENCY TOTAL:						
General Fund	$6,367,559	$6,319,150	$12,686,709	$6,138,339	$6,068,539	$12,206,878
Sales & Service	1,120,000	1,120,000	2,240,000	1,371,342	1,392,633	2,763,975
STIP Earings	20,000	0	20,000	20,000	0	20,000
USDA	1,767,090	1,802,431	3,569,521	1,767,090	1,802,431	3,569,521
Total	$9,274,649	$9,241,581	$18,516,230	$9,296,771	$9,263,603	$18,560,374
2% GENERAL FUND:	$ 127,351	$ 126,383	$ 253,734	$ 122,767	$ 121,371	$ 244,138
TOTAL REVISED GF:	$6,240,208	$6,192,767	$12,432,975	$6,015,572	$5,947,168	$11,962,740 = AES, prog. 14, GF
TOTAL REVISED EB:	$9,147,298	$9,115,198	$18,262,496	$9,174,004	$9,142,232	$18,316,236

S. Clack
OBPP
January 30,1985

EXHIBIT 1
1-28-85

AGRICULTURAL EXPERIMENT STATION
Main Station

The Main Station budget funds seven research centers located at Kalispell, Conrad, Moccasin, Sidney, Corvallis, Havre, and Huntly plus the veterinary and wool laboratories at Montana State University. Additionally, research is performed in 12 academic departments at Montana State Unviersity. Excluding the pay plan, the general fund provides 70 percent of the Main Station's financial support in the 1987 biennium. The remainder of the station's financial support is provided from a combination of earmarked and federal Hatch and Regional Research revenues.

Table 4 on pages 783 and 784 in the current level analysis presents for the main station actual research expenditures for fiscal 1984 by research area and projected expenditures for fiscal 1986 and 1987. Included in the current level budget is funding for three projects which are scheduled to terminate in fiscal 1985 and 35 projects in fiscal 1986. The experiment station does not have plans for reallocating funds freed from the terminating projects to new and/or existing projects in fiscal 1986 and 1987. Table 6 on page 786 in the analysis presents the funding available in fiscal 1986 and 1987 from the projects which are scheduled to terminate. In fiscal 1986, $35,000 is available for reallocation and in fiscal 1987 $1.7 million is available.

PERSONAL SERVICES	1986	1987
Executive FTE	258.16	258.16
LFA Current Level FTE	255.57	255.57
Difference	2.59	2.59

The executive provided funding for 2.59 FTE that were employed on the experiment station's dairy research project. The experiment station's dairy research project is scheduled to terminate in fiscal 1985. The project employed 5.59 FTE. The experiment station deleted 3 FTE associated with the project but requests to retain in their current level budget, the remaining 2.59 FTE (.67 FTE faculty and (.92 FTE classified). Refer to Table 1 on page 780 in the analysis.

Executive	$6,538,844	$6,538,844
LFA Current Level	6,258,345	6,258,345
Difference	$ 280,499	$ 280,499

	1986	1987

- - - - - - - - - - - - Personal Services Issues - - - - - - - - - - - - -

1. Dairy research project FTE included in executive (includes benefits and health insurance).

	$ 62,353	$ 62,353

2. Higher benefits included in executive, excluding dairy research project FTE. The executive used a benefit rate of 17.4 percent. The LFA current level benefit rate was 16 percent.

	$ 96,566	$ 96,566

3. Higher health insurance included in executive, excluding dairy research project FTE. The executive based health insurance costs on a cost of $1,320 per FTE on a total FTE base of 203.76--part-time employees that work less than half-time and GRA's do not get health insurance. Health insurance costs in the LFA current level were based on the following formula: Actual '84 health insurance costs divided by $1,080 (84 health insurance rate) multiplied by $1,200 (1985 health insurance rate). Using this formula results in applying health insurance to an FTE base of 190.17 FTE.

	$ 37,656	$ 37,656

4. Higher salaries included in executive for part-time employees. The executive budgeted salaries for part-time employees at the agency requested average salary of $16,386 per FTE. This average salary represents a yearly increase from fiscal 1983 of 21 percent. The current level salary for part-time employees is the fiscal 1983 average salary of $11,225 with 4 percent pay plan added to fiscal 1984 and 1985.

	$ 83,924	$ 83,924

OPERATING EXPENSES

Executive	$1,613,313	$1,626,667
LFA Current Level	1,680,411	1,765,594
Difference	$ (67,098)	$ (138,927)

- - - - - - - - - - - - Operating Expenses Issues - - - - - - - - - - - - -

5. Inflation

Executive	$ 44,950	$ 53,217
LFA Current Level	139,513	224,109
Difference	$ (94,563)	$ (170,892)

	1986	1987
6. Executive higher primarily in supplies and materials.	$ 27,465	$ 31,965

Major adjustments to LFA current level operating expenses include: (1) $153,662 in fiscal 1984 dairy research expenditures were removed from the budget as the dairy project will be terminated in fiscal 1985; and (2) $21,271 was added for weed research. The 1983 legislature approved funding for expanded weed research for fiscal 1985. The fiscal 1984 appropriation did not contain funding for expanded weed research. Therefore, the amount was added to the budget to provide continued funding into the 1987 biennium.

EQUIPMENT

Executive	$ 251,150	$ 203,437
LFA Current Level	100,516	107,110
Difference	$ 150,634	$ 96,327

The executive budget exceeds the current level analysis in the 1987 biennium by $246,961 for equipment. The executive's equipment budget was derived by funding selected equipment items from a replacement schedule submitted by the experiment station. Current level provides replacement capital for equipment items with a purchase price of less than $2,000. Table 3 on page 782 in the analysis presents the methodology used to calculate the LFA current level equipment budget. The 1985 replacement cost of each category of equipment is derived by dividing the equipment's replacement cost by the useful life and then subtracting a trade-in value. Inflation in each equipment schedule's price index is used to determine the fiscal 1986 and 1987 replacement cost. Requested equipment items costing more than $2,000 are to be submitted in a prioritized list by the experiment station as a modified request. Amounts requested by the experiment station for equipment items costing more than $2,000 are indicated below.

	$ 592,227	$ 534,312

FUNDING

7. Federal Revenues

Executive	$1,767,090	$1,802,431
LFA Current Level	1,807,579	1,897,957
Difference	$ 40,489	$ 95,526

The executive used experiment station estimates of federal Hatch and Regional Research revenues which fails to keep pace with total budget expansion as indicated in Table 5 on page 785 in the analysis. If the experiment station's estimates were used, the general fund would have to be increased by $40,489 in fiscal 1986 and $95,526 in fiscal 1987.

	1986	1987

8. State Special (earmarked)

This revenue is generated from the sale of agricultural products and services of the experiment station.

Executive	$ 520,000	$ 520,000
LFA Current Level	584,000	593,000
Difference	$ (64,000)	$ (73,000)

The executive used a five-year average to project state special revenue for fiscal 1986 and 1987. The current level analysis also used a five-year average, but added 4, 4.5, and 5 percent inflation for fiscal years 1985, 1986, and 1987, respectively. The current level analysis also includes $19,000 (projected) in state special revenue in fiscal 1986 for the final installment on the Bozeman dairy herd to be paid by the prison ranch.

9. General Fund

Executive	$6,116,217	$6,046,517
LFA Current Level	5,608,748	5,561,346
Difference	$ 507,469	$ 485,171

U. S. RANGE STATION

PERSONAL SERVICES

Executive FTE	36.13	36.13
LFA Current Level FTE	36.13	36.13
Difference	0.00	0.00

Executive	$ 720,913	$ 720,913
LFA Current Level	724,519	724,519
Difference	$ (3,606)	$ (3,606)

The difference occurs primarily in employee benefits. Current level FTE decrease by 4 or 9.9 percent in the 1985 biennium as the U.S. Range Station is terminating the swine research project in fiscal 1985. Three classified FTE at an average salary of $15,908 and one professional FTE at an average salary of $19,290 were deleted from the budget.

OPERATING EXPENSES

Executive	$ 148,929	$ 150,220
LFA Current Level	161,216	187,263
Difference	$ (12,287)	$ (37,043)

- - - - - - - - - - - - - - Operating Expenses Issues - - - - - - - - - - -

10. Inflation

Executive	$ 6,678	$ 7,786
LFA Current Level	18,791	27,976
Difference	$ (12,113)	$ (20,190)

11. LFA higher primarily in supplies and materials.

	$ 174	$ 16,853

The large difference in the second year of the 1987 biennium results from the executive reducing the station's requested amount to purchase fertilizer.

EQUIPMENT

Executive	$ 1,500	$ 1,500
LFA Current Level	3,000	3,000
Difference	$ (1,500)	$ (1,500)

The executive budget provides $1,500 in each year to allow the station to purchase one horse in each year to be used in farm operations. The LFA current level provides, as per the station's request, $3,000 to purchase 2 horses in each year.

FUNDING

12. State Special Revenue

Executive	$ 871,342	$ 872,633
LFA Current Level	888,735	914,782
Difference	$ (17,393)	$ (42,149)

- - - - - - - - - - - - - - - - Areas of Concern - - - - - - - - - - - - - - -

Table 10 on page 791 of the analysis presents actual revenue and expenditures for the swine research project for fiscal years 1982 through 1984. As indicated in Table 10, expenditures exceeded revenue in fiscal years 1982 to 1984 by 6 3 and 28 percent, respectively. The swine

research project drew down the station's earmarked cash reserve in each fiscal year to finance the funding imbalances.

Although depletion of the fund balance will decrease with termination of the swine research project, the fund balance will continue to be depleted into the 1987 biennium as beef research fails to be self-supporting. This is illustrated in the following figure which presents total income, expenditures, and the fiscal year-end fund balance for fiscal years 1984 to 1987. Amounts presented in Figure 1 for fiscal years 1985 to 1987 are projected. As indicated in Figure 1, the fiscal year-end balance is projected to decrease from $507,784 in fiscal 1984 to $30,570 in fiscal 1987. In the 1985 biennium, expenditures exceeded revenue at a rate of 30.4 percent as the swine research project was still active. Expenditures are projected to exceed revenue by 10.3 percent in the 1987 biennium with the termination of the swine research project. The present trend in revenues and expenditures indicates the fund balance will be exhausted by fiscal 1988 at which time it will be necessary for the range station to reduce programs or find additional sources of revenue.

FIGURE 1
LARRS -- TOTAL RECEIPTS, DISBURSEMENTS, AND FISCAL YEAR-END FUND BALANCE
FISCAL 1984 - 1987

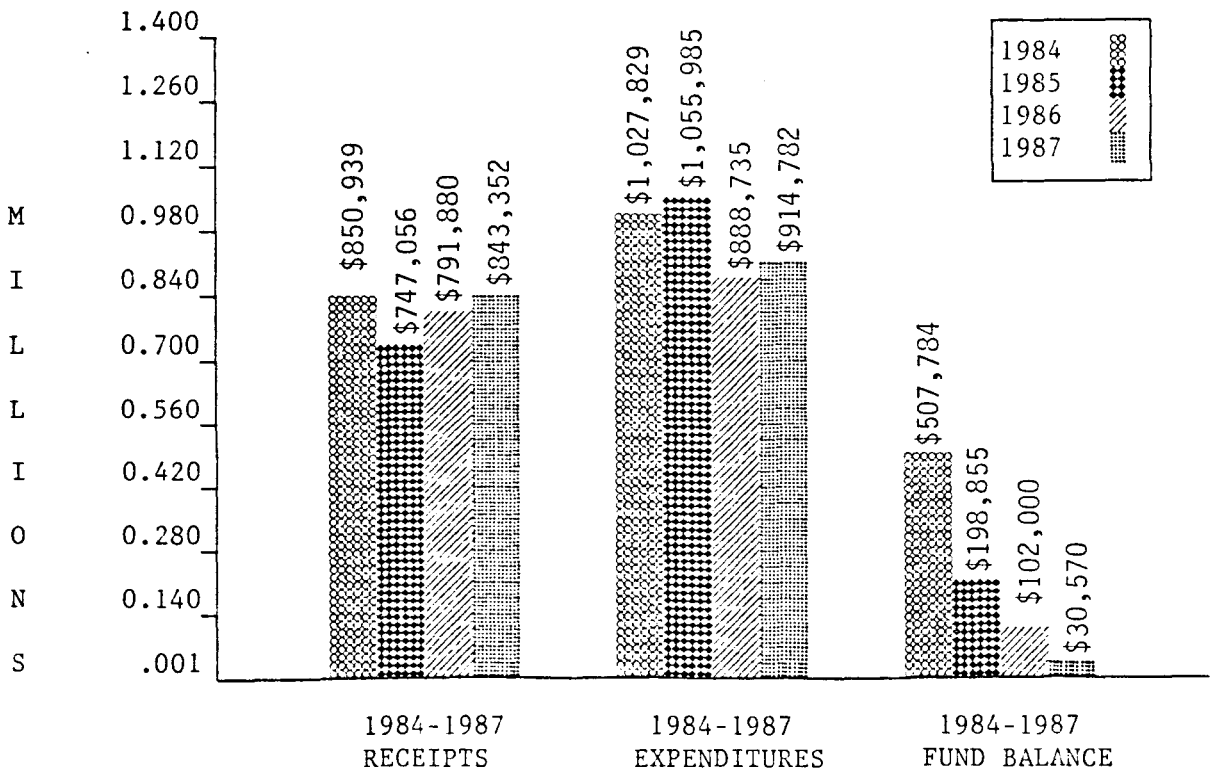

EXHIBIT 3
1-28-85

MONTANA AGRICULTURAL EXPERIMENT STATION

1987 BIENNIUM BUDGET REQUEST

INVESTING IN THE FUTURE

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EXHIBIT 4
1-28-85

Montana State University
Bozeman, Montana 59717-0002

College of Agriculture
Agricultural Experiment Station
Office of the Dean
Office of the Director

RECEIVED
Copy
JAN 09 1985
LEGISLATIVE
FISCAL ANALYST

January 7, 1985

Mr. Bill Sykes
Assistant Analyst
Office of the Legislative
Fiscal Analyst
Room 109, State Capitol
Helena, MT 59601

Dear Bill:

Attached is a copy of the individual capital equipment item request covering a portion of the inventory above the initial purchase price of $2,000. This material will be presented to the Educational Subcommittee.

Sincerely,

James R. Welsh

James R. Welsh, Director

Attachment

JRW:mk
208/92

Telephone: Dean and Director (406) 994-3681 Associate Dean (406) 994-5744
Associate Director AES Accounting (406) 994-3292

Equipment Needs For Departments 1986

Tag	Description	Hr/Miles	Yr-acq.	rep-cost	Justification-for-new-item
* Central at Moccasin					
048628	DRILL-IHC 15' MDL #1	3200	74	6000	DRILL-IHC 150 MDL#1.NEEDED FOR PRODUCTION OF GRAIN. TOTAL COST IS $12,000. FOUNDATION SEED WILL PAY 50 PERCENT.
** SUBTOTAL **				6000	
* Eastern at Sidney					
011466	FARM WAGON GEAR, 4 1	0	64	4000	GOOSENECK TRAILER. NEEDED TO HAUL EQUIPMENT FROM OUR MAIN FARM TO DRYLND FARM AND SCD FARM. EARC DOES NOT HAVE A TRAILER.
038806	AUTO FORD VAN 1970	40000	70	13000	HALF TON VAN. NEEDED FOR TRANSPORTATION OF THE SUMMER WORK CREW TO THE DRLND RESRCH FARM. CURRENT VAN IS 14 YEARS OLD AND NEEDS REPLACEMENT
054586	TRUCK IHC PANEL 1965	52191	74	15000	1-TON DUAL CAB PICKUP. NEEDED FOR TRANSPORTATION AND TO HAUL TRAILER WITH SPECIAL EQUIPMENT.
** SUBTOTAL **				32000	
* Western at Corvallis					
056961	TRACTOR JD 2020	1800	75	5000	THIS TRACTOR IS ESSENTIAL FOR RESEARCH. THE OLD TRACTOR IS UNRELIABLE AND EXPENSIVE TO REPAIR
AAAAAL	TRUCK GMC 4X4 78	92000	78	10000	THE PICKUP IS USED IN BIOLOGICAL WEED CONTROL AND IS DRIVEN ALL OVER MONTANA. THE PICKUP IS UNRELIABLE AND CANNOT BE ECOCONOMICALLY REPAIRED.
NEW65	AD CONVERSION BOARD	0		4360	THIS BOARD WILL ALLOW EXPERIMENTATION WITH HARDINESS IN CHERRY BUDS AND OTHER PLANTS,AND INSECT HARDINESS FOR SELECTING POTENTIAL BIOLOGICAL WEED CONTROLS
NEW66	IBM PC COMPUTER	0		2700	FOR ANALYSIS OF DATA OF BIOLOGICAL CONTROL OF WEEDS. THIS COMPUTER WILL INCREASE OUR PRODUCTIVITY AND REDUCE THE TIME NEEDED TO PUBLISH RESULTS.
** SUBTOTAL **				22060	
* Nothern at Havre					
070068	AUTO JEEP 1678 CHERO	59923	78	10000	ADMINISTRATION USE & STAFF. HIGH USE.
082384	TRACTOR IHC574 DIESE	2554	80	20000	USED FOR GENERAL FARM, LIVESTOCK FEEDING DAILY & SOILS & AGRONOMY RESEARCH.
** SUBTOTAL **				30000	
* Northwestern at Creston					
042478	WINDROWER-IHC 210	0	74	25000	THE PRESENT WINDROWER WAS SECURED IN '70. LEASED & PURCHASED IN '74. RECENT TECH. IMPROVEMENTS WILL PERMIT MORE VERSTILE USE FOR GRAIN, HAY, PEA, ETC.
048046	TRUCK DODGE '71 3/4	35857	71	10000	HE '71 DODGE PICKUP IS HEAVY DUTY USED FOR FLD WORK AND SHOULD BE REPLACED WITH A SIMILAR TYPE FOR FARM OPERATION HAS 36000MLS. SHOULD BE RENEWED FOR SAFETY.

Equipment Needs For Departments 1986

Tag	Description	Hr/Miles	Yr-acq.	rep-cost	Justification-for-new-item
* Northwestern at Creston					
048048	CHEVROLET SEDAN	93000	73	10000	CONSIDERABLE RUSTING IN THE BODY AND CONTINUAL ENGINE PROBLEMS. MAKES ABOUT 13 MILES PER GALLON ON THE ROAD.
NEW60	IBM PC COMPUTER	0		3500	SUPPLEMENT PRESENT PC XT FOR WORD PREOCESSING AND ADDITIONAL CAPACITY FOR SUMMERIZATION AND RETREIVAL OF DATA.
NEW61	LAB EQUIPMENT	0		5000	UPGRADING SEED CLEANING AND SEED WEIGHING TECHNOLOGY.
** SUBTOTAL **				53500	
* Southern at Huntley					
018682	DISC TANDEM 12-FT IH	0	65	5600	DISC,TANDEM 12FT. IHC #37-1965.PARTS NOT AVAILABLE AND MUST BE MADE IN THE SHOP.
020336	LEVELER LAND EVERSMA	0	67	12000	LEVELER LAND, EVERSMAN-1967.PARTS ARE NOT AVAILABLE AND MUST BE MADE IN THE SHOP.
040467	TRLR FB 9X17 REID	0	72	4500	TRAILER-FB 9X17 REID-1972. WAS NOT DESIGNED FOR THE OVER THE ROAD USE. WE BLOW OUT AT LEAST 6-8 TIRES A YEAR.
051222	AUTO PLY FURY 1976 4	88671	76	12000	PLYMOUTH FURY SEDAN. SEDAN SHOULD BE REPLACED WITH A SURBURBAN TYPE VEHICLE.
083386	PLOW SPINNER IHC #31	0	80	6300	PLOW, SPINNER IHC #314-AGE UNKNOWN.PARTS ARE NOT AVAILABLE AND MUST BE MADE IN THE SHOP.
NEW3	TUB GRINDER	0		16000	THIS TOOL IS MUCH NEEDED BY THE ANIMAL NUTRITION PROGRAM. NO CATTLE FEEDING OPERATION COULD WORK WITHOUT ONE.
NEW42	ROLLER HARROW 12FT	0		7200	IT IS ESSENTIAL TO FARM OPERATIONS AND WE HAVE BEEN BORROWING ONE IN PAST YEARS. IT HAS BEEN DIFFICULT TO BORROW THIS ON A TIMELY BASIS FOR GOOD RESEARCH.
NEW43	TRACTOR JD 4040	0		21000	OUR TRACTORS CANNOT PULL THE NEW EQUIPMENT. WE NEED A 120 HP TRACTOR TO DO THE JOB. THE REPLACEMENT COST FOR THE JD 4250 INCLUDES TRADE-IN VALUE.
** SUBTOTAL **				84600	
* Veterinary Sci. Bozeman					
002473	MICROSCOPE LEITZ WET	0	60	6000	THE LEITZ ORTHOLUX MICROSCOPE IS 25 YEARS OLD AND IS FREQUENTLY INOPERABLE. THIS UNIT IS ESENTIAL TO THE OPERATION OF THE DISEASE RESEARCH PROGRAM.
022959	CENTRIFUGE	0		10000	THIS CERTRIFUGR IS 24 YEARS OLD AND HAS CORROSION AND DETERIORATION IN THE ELECTRONICS.THIS CENTRIFUGE IS NEEDED TO CONDUCT RESRCH STUDIES IN VIROLOGY.
082496	SPUTTER COATER	0		6000	THE SPUTTER COATER IN THE ELECTRON MICROSCOPE LAB COATS SPECIMENS WITH UNEVEN THICKNESS WHICH INTERFERES WITH VISUALIZATION OF MARKERS UNDER THE SCOPE.
AAAAAH	ANALYZER CHEMICAL	0		10000	THE CHEMISTRY ANALYSER WAS PURCHASED SEVEN YEARS AGO. IT IS FREQUENTLY IN A STATE OF DISREPEAIR. PARTS ARE IMPOSSIBLE TO OBTAIN.
AAAAAK	DRYER CRITICAL PT.	0		5000	THE CRITICAL POINT DRYER IS DEFECTIVE AND PRODUCES SPECIMENS WITH EXTENSIVE AMOUNTS OF ARTIFACTS.THESE INTERFEREWITH EVALUATION OF SCOPE PLATES.

Equipment Needs For Departments 1986

Tag	Description	Hr/Miles	Yr-acq.	rep-cost	Justification-for-new-item
* Veterinary Sci. Bozeman					
NEW22	WASHER HIGH PRESSURE	0		2001	ESSENTIAL TO RESEARCH IN VET. SCIENCE.
** SUBTOTAL **				39001	
* Western Triangle at Conrad					
056321	TRUCK DODGE '75 1/2	75000	75	12000	VEHICLE IS USED FOR SOIL SAMPLING AT OFF-STATION SITES. HAS 75000 MILES OF USE AND IS SHOWING SIGNS OF MAJOR REPAIR IN NEAR FUTURE.
** SUBTOTAL **				12000	
* Entomology Bozeman					
NEW39	HOOD,CLEAN AIR	0		5000	ESSENTIAL FOR BIOENGINEERING TO ENSURE SAFE USE OF BIOHAZARDOUS MATERIALS
NEW40	TRUCK 1/2 T	0		10000	ESSENTIAL TO RESEARCH ON BIOLOGICAL CONTROL OF WEEDS.
NEW41	HOOD LAMINAR FLOW	0		10000	TO PREVENT CONTAMINATION OF BOTH RESEARCH MATERIALS AND INVESTIGATORS DURING STUDIES ON EMBRYO TRANSPANTS. THESE STUDIES CANNOT BE DONE WITHOUT THIS FACILITY.
NEW7	IBM-XT+COMPONENTS	0		6100	THIS COMPUTER IS ESSENTIAL FOR OFFICE OPERATION AND RESEARCH ANALYSIS IN OUR DEPARTMENT.
NEW8	MICROSCOPE WILD DISE	0		4200	WE HAVE NO MICROSCOPE IN THE DEPARTMENT AVAILABLE TO CONDUCT AND PHOTOGRAH RESEARCH WITH VECTOR-PATHOGEN RELATIONSHIPS.
** SUBTOTAL **				35300	
* Microbiology Bozeman					
NEW33	COMPUTER KPRO MOD10	0		3000	THIS COMPUTER WILL BE USED FOR DATA ANALYSIS, RESEARCH IMPLEMENTATION, CHEMICAL INVENTORY, AND BUDGET ANALYSIS
** SUBTOTAL **				3000	
* Ag. Economics Bozeman					
NEW10	COMPUTERS 5 MICROS	0		27000	MICROS PROVIDE CHEAPER, MORE RAPID ACCESS THAN THE MAINFRAME. THESE COMPUTERS ARE ESSENTIAL IN ANALYZING ECONOMICS RELATED DATA.
** SUBTOTAL **				27000	
* Ag. Engin. Bozeman					
005435	LATHE CLAUSING PED	0	55	11000	THE LATHE DOES NOT PRODUCE A FINISHED PRODUCT WITH THE NECESSARY PRECISION DUE TO ITS AGE AND WORN CONDITION. IT IS USED BY MANY DIFFERENT PROJECTS.
NEW12	IRRIGATION SYSTEM	0		2500	THIS SYSTEM EXPANDS THE REAEARCH ON WATER REQUIREMENTS FOR CROPS. IT WILL ALLOW US TO DETERMINE THE MOST EFFICIENT IRRIGATION LEVEL FOR ECONOMIC CROP PRODUCTION
** SUBTOTAL **				13500	

Equipment Needs For Departments 1986

Tag	Description	Hr/Miles	Yr-acq.	rep-cost	Justification-for-new-item
* Animal & Range Bozeman					
051205	TRUCK DODGE '53 3/4	108375	75	10000	TRUCK REPAIRS ARE COSTING ALMOST AS MUCH AS REPLACEMENT.
067636	AUTO JEEP WAGON 1967	91765	67	10000	TRUCK REPAIRS ARE COSTING ALMOST AS MUCH AS REPLACEMENT
072327	TRUCK FORD '68 1/2	114205	68	14000	TRUCK REPAIRS ARE COSTING ALMOST AS MUCH AS REPLACEMENT.
072582	TRUCK, DODGE '70 1/2	152107	70	10000	TRUCK REPAIRS ARE COSTING ALMOST AS MUCH AS REPLACEMENT.
NEW17	SWATHER	0		10530	ESSENTIAL TO LIVESTOCK RESEARCH.
NEW30	CHROMATOGRAPH LIQUID	0		24000	THIS ITEM WILL GREATLY ENHANCE THE NUTRITION RESEARCH. CUSTOM ANALYSIS PROVIDED BY THIS MACHINE IS AVAILABLE AT $17 PER SAMPLE MAKING IT COST EFFECTIVE TO BUY.
NEW32	PHOTOMICROSCOPE	0		9000	THIS MICROSCOPE WILL BE USED BY A LARGE NUMBER OF SCIENTISTS IN PHYSIOLOGY,NUTRITION,RANGE SCIENCE AND MEATS FOR MICROPHOTOGRAPHIC OBSERVATIONS.
NEW70	BALER	0		3738	ESSENTIAL TO LIVESTOCK RESEARCH.
** SUBTOTAL **				91268	
* Plant Pathology Bozeman					
052417	AUTO HORNET AM 76	81507	82	10000	THE PROGRAM THAT THIS CAR SERVES HAS TEST PLOTS ALL OVER MT. THE PRESENT VEHICL IS NOT ROAD-WORTHY ENOUGH TO VISIT THESE TEST SITES.
082219	COPIER SAVIN MODEL 7	0	79	10000	OUR COPIER IS REQUIRING MORE IN MAINTENANCE COSTS THAN IT IS WORTH. WITH THE AMOUNT OF RESRCH. REPORT PRODUCED IN OUR DEPT,WE CAN'T AFFORD TO DO WITHOUT ONE.
** SUBTOTAL **				20000	
* Chemistry station Bozeman					
NEW18	COUNTER SCINTILLATIO	0		35000	THIS ITEM IS ESSENTIAL FOR CHEMICAL ANALYSIS WORK DONE ON ALL AG. RESEARCH PROJECTS.
NEW19	SOLVENT DELIVERY SYS	0		8000	THIS ITEM WILL BE ESSENTIAL FOR DETAILED CHEMICAL ANALYSIS DONE ON AG.. RESEARCH POJECTS.
** SUBTOTAL **				43000	
* Home Economics Bozeman					
000056	STILL GLASS BARNSTEA	0	71	2500	DISTILLER IS NEEDED EVERY DAY FOR ALL PHASES OF RESEARCH.
NEW57	BARLEY PEARLER	0		2050	THE ONE WE USE BELONGS TO ANIMAL AND RANGE SCIENCES DEPT AND IT IS TOO SMALL.
** SUBTOTAL **				4550	

Equipment Needs For Departments 1986

Tag	Description	Hr/Miles	Yr-acq.	rep-cost	Justification-for-new-item
* Plant & Soil Sci. Bozeman					
024988	AUTO DODGE VAN 1969	80000	69	10000	VAN IS TOTALLY WORN OUT. A VEHICLE IS NEEDED TO TAKE THE CREW TO AND FROM THE AGRON FARM AND FARM WORK.
AAAAAF	TRUCK	87833		10000	VEHICLE HAS 87,833 MILES. ENGINE AND TRANSMISSION IN POOR CONDITION AND UNABLE TO MAKE TRIPS AROUND THE STATE.
NEW21	MOWER ROTARY	0		8634	WILL BE USED FOR RESEARCH PLOTS. EXPENSIVE TO MAINTAIN
NEW44	HPLC EQUIPMENT	0		8100	THIS LAB ANALYTICAL INSTRUMENT IS USED IN BASIC WEEDS AND GENETICS RESEARCH. IT IS SHARED BY SEVERAL FACULTY. THE REST OF THE 22000 WILL BE COVERED SOFT MONEY.
NEW45	NIR LAB EQUIPMENT	0		3000	THIS INSTRUMENT IS USED TO DETERMINE SEVERAL ASPECTS OF KERNAL QUALITY IN CEREAL CROPS. $ 9000 WILL BE COVERED BY SOFT MONEY.
NEW46	IRRIGATION SYSTEM	0		6000	THIS IS THE FINAL PHASE OF AN IRRAGATION SYSTEM ON THE AGRONOMY FARM. IT IS USED FOR CONTROLLED RESEARCH PLOTS AND FARM MANAGEMENT OF ROTATION FIELDS.
NEW47	SEED GERMINATION CHM	0		3000	TO REPLACE AN OLD CHAMBER NO LONGER FUNCTIONAL. USED TO CONDUCT RESEARCH IN SEED DORMANCY AND VIGOR.
NEW48	COMPUTER	0		4000	THE BASIC COMPUTER UNIT ALONG WITH SEVERAL OTHER GROUPS WILL BE USED FOR 1 ACCOUNTING AND 2 SECETARIAL CLERICAL POSTIONS.
NEW49	ULTRA/FILTRA EQUIP	0		4000	ULTRA/FILTRA EQUIP MATCHING FUND FOR $13,000 LAB UNIT IN SOIL FERT RESEARCH AT BOZEMAN AND HUNTLEY FOR MEASURING CHEMICL ELEMENTS IN SOILS.
NEW50	FARINOGRAPH EQUIP	0		5000	REPLACE UNIT IN CEREAL TESTING LAB/25 YRS OLD. USED TO EVALUATE FLOUR SAMPLES.
** SUBTOTAL **				61734	
* Dean & director Bozeman					
NEW27	COMPUTER FILE SERVER	0		10000	ALL HARD DISKS SATURATED BY THE INFORMATION WHICH WE ARE REQUIRED TO KEEP AND MAKE AVAILABLE TO GROUPS SUCH AS THE LFA. REPLACES NEED FOR EXTRA MANPOWER.
** SUBTOTAL **				10000	
* Publications & News Bozeman					
NEW 34	COMPUTER WORKSTATION	0		3714	THIS WORKSTATION WILL PROVIDE A BETTER INFORMATION SERVICE FOR MONTANA FARMERS. IT WILL PROVIDE A FASTER,TIMELY ANALYSIS WITH A LOWER COST THAN OUR EARLIER PUB
** SUBTOTAL **				3714	
** TOTAL **				592227	

Equipment Needs For Departments 1987

Tag	Description	Hr/Miles	Yr acq.	rep-cost	Justification for new item
* Central at Moccasin					
043629	LAB EQUIPMENT	0		20000	NEEDED TO EQUIP THE SOIL AND PLANT ANALYSIS RESEARCH LAB AFTER IT IS REMODELED
** SUBTOTAL **				20000	
* Eastern at Sidney					
018634	COPIER PHOTO DRY 3M	0	66	7500	SHARP SF-850 COPIER. NEEDED FOR USE IN PREPARING ANNUAL REPORTS, BOOKLETS AND OTHER MATERIALS. EARC HAS A COPIER WITH A CAPACITY OF 1 COPY PER 2 MIN
054580	TRACTOR JOHN DEERE #	3000	74	26000	TRACTOR, DIESEL, ROW CROP TYPE. NEEDED FOR PLOWING, DISKING, SUMMER FALLOWING, PUMPING IRR. AND HARVESTING SUGARBEETS AT RESRCH CENTER.
AAAAAA	NMR OIL ANALYZER	0	75	15000	NMR MARK IIIA OIL ANALYZER. IN 1981 WE WERE NOTIFIED THAT THE NECESSARY REPAIR PARTS ARE NO LONGER AVAILABLE. IT IS NEEDED BADLY FOR SAFFLOWER RESEARCH.
AAAAAB	LAB MILL WILEY	0		3500	LABORATORY MILL.A PLANT TISSUE GRINDER IS NEEDED TO PREPARE STRAW,GRAIN,AND OTHER PLANT TISSUES FOR CHEMICAL ANALYSIS. EARC USES A USDA WILEY MILL FOR TRANSFER
AAAAAC	ENVIR. CHAMBER	0		6000	PERVICAL 35LLVL ENVIRONMENTAL CHAMBER WITH OPTIONS (DEJ. ALLOWS INSECT AND PLANT DISEASE STUDIES TO BE CONDUCTED UNDER CONTROLLED CONDITIONS.
AAAAAD	DRYING OVENS	0		20000	DRYING OVENS. NEEDED FOR OVEN DRYING FORAGE GRAIN AND SOIL SAMPLES. EARC HAS PROBLEMS GETTING TIMELY ACCESS TO USDA DRYING OVENS WHICH DISRUPTS RESEARCH.
** SUBTOTAL **				78000	
* Western at Corvallis					
070196	ROTAVATOR-HOWARD 50"	0	77	2001	THE ROTAVATOR IS ESSENTIAL FOR RESEARCH TILLAGE. IT NEEDS $2000 IN REPAIRS.
** SUBTOTAL **				2001	
* Nothern at Havre					
011714	HARVESTER GEHL CB600	3500	74	15000	CURRENT HARVESTER VERY WORN AND REPAIRS COSTLY. NECESSARY TO CHOP CORN AND GRASS SILAGE.
040245	TERMINAL DECWRITER I	0	82	2001	NECESSARY FOR LETTER QUALITY AND REPORT PRINTING.
049581	PLOW IHC ROLLOVER #3	0	74	5000	CURRENT PLOW WORNOUT, NECESSARY TO PREPARE FIELDS FOR CROP PRODUCTION.
049583	TRACTOR IHC F266 HYD	5575	74	25000	USED FOR FARMING, LIVESTOCK FEEDING & SOIL S AND AGRONOMY RESEARCH
055193	COPIER AB DICK 355	0	83	2500	NECESSARY FOR BILLING & REPORTS. HIGH USE ITEM
060411	TRUCK GMC SUBR 1977	111145	77	12000	STAFF VEHICLE USED BY SOIL SCIENTIST. HIGH USE DUE TO STATION TRIALS.
070063	TRUCK GMC '77 1/2	54521	77	12000	STAFF PICKUP TO USE DAILY IN LIVESTOCK RESEARCH PROGRAM.
** SUBTOTAL **				73501	

Equipment Needs For Departments 1987

Tag	Description	Hr/Miles	Yr-acq.	rep-cost	Justification-for-new-item
* Northwestern at Creston					
042483	HARVESTER-FORAGE PLO	0	74	4000	IT IS NECESSARY TO KEEP RESRCH EQUIP CURRENT. THE UPDATE & RENEWAL OF EQUIP IS ESSENTIAL FOR OBTAINING HARVESTS AT OPPORTUNE TIMES.
** SUBTOTAL **				4000	
* Southern at Huntley					
010308	HOOD FUME LAB	0	68	4000	THE PRESENT HOOD IS DANGEROUS TO THE HEALTH OF THE PEOPLE IN THE LAB.
017545	SCALE LIVESTOCK FAIR	0	63	5000	SCALE-LIVESTOCK,FAIR. RECIEVED EXTREMELY HEAVY USE AND NEEDS TO BE REPLACED RATHER THAN UNDERGO EXPENSIVE REPAIR.
018678	SWATHER IHC MDL#201	0	65	25000	SWATHER IHC MDL.#201-1965.CANNOT GET PARTS FOR THIS 19 YEAR OLD SWATHER AND COSTLY PARTS MUST BE MADE IN THE SHOP.
049688	TRUCK GMC PU'74 1/2	113075	74	10000	THIS TRUCK SHOULD BE REPLACED WITH A NEWER USED UNIT.
NEW2	BALER LARGE ROUND	0		14000	IT COSTS $2000 PER YEAR TO RENT THIS ITEM. IT IS IMPOSSIBLE TO RENT WHEN IT IS NEEDED. THE RENTED MACHINES LOSE A LOT OF STRAW IN THE FIELD.
** SUBTOTAL **				58000	
* Veterinary Sci. Bozeman					
002440	CENTRIFUGE INT REFRI	0	56	20000	THIS CETRIFUGE IS WEARING OUT AND WE NEED ONE WITH A HIGH CENTRIFUGAL FORCE.IN ORDER TO COMPLETE QUALITY VIROLOGY STUDIES.
002524	MICROTOME ROTARY	0		10000	THE ROTARY MICRTONE IS OLD AND HAS TWO MAJOR REPAIRS IN THE PAST FEW YEARS. THIS INSTRUMENT IS CRITICAL TO THE PROCESSING OF TISSUE SPECIES.
069192	MIXER SORVALL OMNIMI	0		2001	THE SORVALL OMNIMIXER HAS HAD DAILY USE RESULTING IN EXCESSIVE WEAR TO THE CHUCK AND COUPLING ADAPTER. IT IS ESSENTIAL TO PARASITOLOGY RESEARCH.
082322	SHARPENER-KNIFE	0		6000	THE EXISTING KNIFE SHARPENER CANNOT SHARPEN TUNGSTEN-CARBIDE KNIVES OR LARGER KNIVES FOR SECTION TISSUES.THIS UNIT IS CRITICAL TO HISTOPATHOLOGY LAB.
AAAAAE	MICROTOME SLEDGE	0		20000	THE PRESENT SLEDGE MICROTONE IS ON LOAN AND THERE ARE SERIOUS LIMITATIONS ON THE SIZE OF SPECIES THAT IT CAN HANDLE.WE NEED ONE THAT HOLD LARGER SPECIES.
** SUBTOTAL **				58001	
* Western Triangle at Conrad					
NEW6	DRILL NO-TILL	0		3000	MOST OF THE CROPPING SYSTEMS WORK IS OFF STATION. WE HAVE NO OTHER DRILL THAT IS SUITABLE UNDER THE CONDITIONS IMPOSED ON OUR WORK.
** SUBTOTAL **				3000	

Equipment Needs For Departments 1987

Tag	Description	Hr/Miles	Yr-acq.	rep-cost	Justification for new item
* Ag. Engin. Bozeman					
041375	AUTO FORD ESCORT '82	80000	82	10000	THIS REPLACEMENT VEHICLE IS NEEDED TO TRAVEL TO RESEARCH PLOTS. THE ESCORT IS UNECONOMICAL TO REPAIR AND UNRELIABLE.
NEW14	WEATHER STATION PORT	0		5000	THE STATION IS NEEDED TO AUOTMATICALLY LOG THE DATE SO IT CAN BE DOWNLOADED FOR COMPUTER ANALYSIS. IT IS NEEDED TO STUDY THE EFFECT OF CLIMATE ON IRRIGATION.
NEW15	COMPUTER+COMPONENTS	0		6000	THIS ITEM IS NEEDED FOR DEVELOPING EXPERIMENTAL CONTROL AND DATA ACQUISITION SYSTEMS FOR RESEARCH EXPERIMENTS.
** SUBTOTAL **				21000	
* Animal & Range Bozeman					
001110	TRUCK CHEV STOCK '42	251915	56	24000	THE JUSTIFICATION FOR ALL TRUCKS BEING REPLACED IS FOR GEN. ON-GOING OPERATION OF THE LIVESTOCK FARM.REPAIRS ARE COSTING ALMOST THE SAME AS REPLACEMENT.
011827	TRUCK DODGE '51 3/4	125073	62	14000	TRUCK REAIR COSTS ARE COSTING ALMOST AS MUCH AS REPLACEMENT.
024964	TRUCK DODGE '69 1/2	60000	69	10000	TRUCK REPAIRS ARE COSTING ALMOST AS MUCH AS REPLACEMENT.
024973	TRUCK DODGE '69 1/2	75762	69	10000	TRUCK REPAIRS ARE COSING ALMOST AS MUCH AS REPLACEMENT.
069450	TRUCK GMC '77 1/2	67946	77	14000	TRUCK REPAIRS ARE COSTING ALMOST AS MUCH AS REPLACMENT.
072583	TRUCK, DODGE '64 1/2	75000	70	12000	TRUCK REPAIRS ARE COSTING ALMOST AS MUCH AS REPLACEMENT.
NEW31	AUTO-PIPETTING STATI	0		18000	THIS ITEM WILL GREATLY ENHANCE RESEARCH IN PHYSIOLOGY, THE MACHINE WILL GREATLY ENHANCE THE PRODUCTIVE OF THE LAB. IT WILL REMOVE ERROR AND TEDIOUS WORK.
** SUBTOTAL **				102000	
* Plant Pathology Bozeman					
057396	AUTO CHEV VAN 1975	65000	75	15000	THIS VEHICLE IS NEARING THE TIME & MILEAGE WHEN IT IS NOT ROAD-WORTHY TO VISIT OFF-STAT. RSRCH.IT NEEDS TO CARRY HARVEST MATERIAL AND RSRCH EQUIP TO OTHER STAT.
** SUBTOTAL **				15000	
* Chemistry station Bozeman					
NEW20	SPECTROPHOTOMETER UV	0		25000	THIS ITEM WILL IMPROVE OUR ANALYTICAL CAPABILITIES WITH A STATE-OF-THE-ART INSTRUMENT.
** SUBTOTAL **				25000	

Equipment Needs For Departments 1987

Tag	Description	Hr/Miles	Yr-acq.	rep-cost	Justification-for-new-item
* Plant & Soil Sci. Bozeman					
069900	TRACTOR J-D-2030	0	77	20000	ITEM IS IN CONSTANT NEED OF REPAIR AND ENGINE OVERHAUL.USED FOR GENERAL FARM WORK OF NONRESRCH FIELDS.
AAAAAI	TRUCK	167835		10000	PICKUP IS VERY OLD AND IN POOR CONDITION.VEHICLE IS NEEDE FOR HORT FARM RESRCH AND GREENHOUSE RESRCH.
NEW51	NIR EQUIP PAYMENT	0		3000	FINAL PAYMENT FOR UNIT.ANNUAL PAYMENT ON $18,000 LAB INSTRUMENT USED TO DETERMINE KERNEL QUALITY IN CEREAL CROPS.$9,000 WAS COVERED BY GRANT FROM WHEAT COMM.
NEW52	1/2TON FLATBED TRUCK	0		5000	TO HAUL BULKY CROP RESIDUE(STRAW AND HAY),PULLING TRAILERS,AND GENERAL FARM USE AT AGRONOMY FARM.
NEW53	LIQUID SCINTILL COUN	0		10000	MATCHING FUNDS FOR $30,000 LAB UNIT. USED TO MONITOR RADIOACTIVE MATERIAL IN PLANT TISSUE AND SOIL EXTRACTS.
NEW54	1 TON CLUB CAB TRUCK	0		18000	NEEDED TO REPLACE 1977 GMC PICKUP FOR PULLING TRAILER WITH HEAVY PLOT EQUIP. TO OFF-STATION SITES. MUST BE HEAVY DUTY.
NEW55	THERMOGRADIENT GERM.	0		3000	REQUIRED FOR RESEARCH PROGRAMS DEALING WITH SEED GERMINATION AND SEEDLING DEVELOPMENT.
NEW56	PYROMETER EQUIPMENT	0		2095	FOR CLIMATOLOGY RESEARCH TO COLLECT SOLAR RADIATION DATA AND DEVELOPMENT MODELS FOR RATE OF PLANT DEVELOPMENT.
** SUBTOTAL **				71095	
* Publications & News Bozeman					
NEW35	COMPUTER WORKSTATION	0		3714	THIS WORKSTATION WILL PROVIDE A FASTER,TIMELY,AND CHEAPER INFORMATION SERVICE FOR MONTANA FARMERS. THIS IS A COMPLIMENTARY UNIT TO THE 1986 REQUEST.
** SUBTOTAL **				3714	
** TOTAL **				534312	

First Interstate Bank

First Interstate Bank
of Miles City
1115 Main Street
P.O. Box 1237
Miles City, MT 59301-1237
406 232-5590

EXHIBIT 5
1-28-85

January 25, 1985

To Whom It May Concern

RE: Swine Unit at USDA Experiment Station - Fort Keogh

Dear Sir:

This letter is in support of retaining the swine operation at Fort Keogh. The economy of Miles City is dependant on two major factors, the first is the federal payroll of state and government officials and second is agriculture. As a concerned businessman and citizen of Custer County, it is important to maintain all related interests within our community.

Swine production has, in eastern Montana, become more of an important role due to the inability of farmers to find cash crops. This began several years ago with the loss of the sugar beets and thus the more emphasis was placed on hog production as a way of marketing cereal grains. The swine unit at Fort Keogh gave the producers an alternative in marketing grains through livestock, not only from the standpoint of research, but through staff expertise. The rationale of moving the unit 300 miles from Miles City or 500 miles from other parts of eastern Montana seems questionable when considering it has been established here and is an intrical part of the US Range and Research Station.

I urge your support for the retention of the facility in Miles City.

Cordially,

Terry Wagner
President

TW/klr

EXHIBIT 6 1-28-85

MILES CITY AREA Chamber of Commerce

P.O. Box 730 • Miles City, Montana 59301 • Dial 232-2890, Code 406

State Legislators
State Capitol
Helena, Montana 59601

Dear Sirs;

We would like to solicit your support for the Fort Keogh Swine Research Unit located in Miles City. The unit provides an invaluable service to area farmers and ranchers. With the farm economy being in difficult shape, any means of assisting these businessmen is profitable to them, our community and the state as a whole. With the unit located in Miles City, the farmers and ranchers have easy access to available service. With it located elsewhere, the farmer and rancher may elect not to use the service. We as a business organization, support the continued funding of the Fort Keogh Swine Research Unit and appreciate your support in keeping it located in Miles City.

Thank you for your support.

Sincerely,

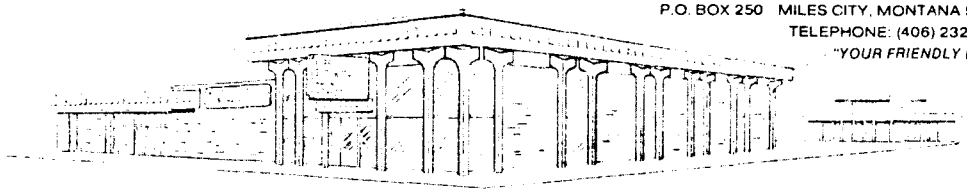
William Schepeler

William Schepeler, President
Miles City Chamber of Commerce

EXHIBIT 7 1-28-85

FIRST SECURITY BANK & TRUST

P.O. BOX 250 MILES CITY, MONTANA 59301
TELEPHONE: (406) 232-3620
"YOUR FRIENDLY BANK"



January 25, 1985

TO WHOM IT MAY CONCERN

Gentlemen:

We would like to voice our support of the Swine Research Facility in Miles City, Montana. It is our understanding that there are plans to close the facility, and we feel this would be very detrimental both to our community, and to livestock research as a whole. The swine facility at Ft. Keogh has always been a prime source of information for our area producers, and loss of such information would greatly hinder their operations. In addition, the research facility has contributed greatly to our community, both from an employment standpoint, and as a consumer. Our area has been hit by drouth for the last several years, and any loss of jobs and income for this area would be very detrimental. Please give any consideration you can to keeping our swine research facility open. We ask your support for the swine industry, and for the Miles City community.

Cordially,

Linda Wiedeman

Linda Wiedeman
Vice President

LW:am

EXHIBIT 8 1-28-85

Dear Sir

I understand You are Considering closing the Swine Experiment Station in Miles City.

Perhaps you should consider that Eastern Montana would be left in the cold without and immediate help if we had a disease breakout. We would not have access (not quickly) to information from Bozeman. You can't run shorten distance.

The conditions that the pigs in Miles City are bred, farrowed and raised are the conditions most similar to what we are all working under. How to handle weather conditions is one of the most important questions we are looking for answers.

I hope you will give this serious consideration in making your decision. Eastern Montana deserves equal consideration

Mr. & Mrs Francis Tile
Forsyth, Mont

EXHIBIT 9 1-28-85

Jan 25, 1985
RT2 Box 3079
Forsyth, Mt.
59327

The Rosebud County Farm Bureau supports the continued operation of the Swine Research Facility at Miles City, Mt.

The research conducted there is of vital use to the pork producers of Eastern Montana. The research conducted at M.S.U. is good, however, it is to far removed from Eastern Montana. Therefor there is a need for the research in Miles City Montana.

Sincerely,
Ramon T. Hile
State Director for District #5

EXHIBIT 10 1-28-85

Spannagel Ranch
Box 3051
Forsyth, MT. 59327
Jan. 28, 1985

Committee Chairman
Ag Research

Dear Sir:

The Swine Ag Research Station at Fort Keogh has helped the pork producer in Montana for many years.

Eastern Montana needs this facility because of our feed grain availability. Moving this facility to another location would be a great loss to progress being made in pork production in Montana.

The Spannagel Ranch has made use of this station for the past eighteen years. We would appreciate your consideration in retaining the station at Fort Keogh.

Thank you.

Yours truly,

Eli Spannagel, Jr.

EXHIBIT 11 1-28-85

Robert Armstrong
Box 1350
Forsyth, Mont. 59327

January 26, 1985

Dear Sirs;

We are pork producers in Eastern Montana and use the facilities at the experiment station in Miles City.

Our son Dennis, is active in FFA and they use the experiment station, for their activities.

Sincerely,

Robert Armstrong

Robert Armstrong

Dennis Armstrong

Dennis Armstrong

EXHIBIT 12 1-28-85

Jan. 26, 1984

Dear Sir,

This is a letter stating my support, for the cause of keeping the Swine Unit at the Miles City Experiment Station open.

I use the experiment station as a ~~[illegible]~~ source for my boars.

I also keep in touch with Delbert periodically, to keep up on the different tests & experiments they are doing. I have often incorporated some of their practices in my own swine operation.

It would be in my best interest if the Miles City Swine Unit stayed open. There is no way I can get as much good from the Swine Unit if it is in Bozeman.

Sincerely,

Rita Watson
Box 193
Forsyth, MT.

13

EXHIBIT 13 1-28-85

Dr. Sir's,

I am writing this letter in regards to the closure of the swine unit at Miles City experiment station. We use the unit quit often and would like to see it kept open.

Sincerly
Raymond F. Smith

EXHIBIT 14 1-28-85 12

1-27-85

This letter is in regards to the removal of the swine research at Fort Keough. Do not move it to Bozeman. It is much needed here at Miles City ~~an~~ for the area. We have gotten pigs from Mr. Elliot before and he is most helpful with any questions we may have. ~~E~~ He is very nice to talk to and asks you to come back at any time for questions and any help we may have.

Keep the swine at Fort Keough.

Willa Arbogast

Mr. Coby Mix

Joseph Mt.

59327

EXHIBIT 15 1-28-85

1-27-85

This letter is in regards to the removal of the swine research at Fort Keough. I have gotten 4-pigs from Mr. Elliot for 4-H projects. Mr. Elliot helped me get started and answered any questions I had.

Please keep the research station at Fort Keough because it is very much needed.

Zigne Arbogast
Forsyth, Mt.
59327

EXHIBIT 16 1-28-85

Forsyth Mont
Jan 26, 1985

To whom it may concern

Dear Sirs,

I have a small pig operation near Forsyth. Without the Ft Keogh swine div, it would be hard to stay in business.

I have been very happy with the stock purchased there and Mr Elliot is the most delicated man I have had the pleasure ~~to~~ of knowing. He has been very helpful on several occasions, when I've called him when experiencing trouble in the herd.

My feeling is that closing the Ft Keough operation will be a great loss to a great number of people in the area

Sincerely

EXHIBIT 17 1-28-85

17

DEAR SIR(S):

THIS LETTER IS IN REGARD TO THE DECISION TO BE MADE CONCERNING THE CONTINUANCE OF THE SWINE RESEARCH FACILITIES AT "FORT KEOGH" IN MILES CITY.

AT A RECENT MEETING OF THE CUSTER COUNTY FARM BUREAU A DISCUSSION COVERING MOST ASPECTS OF MAINTAINING THE FACILITY WAS HELD. POINTS COVERING THE IMPORTANCE OF THE RESEARCH TO EASTERN MONTANA, THE DRAWBACKS OF COMBINING FACILITIES IN BOZEMAN, THE HISTORY OF SELF-FINANCING MAINTENANCE AND THE GENERAL GOOD JOB WHICH HAS BEEN DONE IN MILES CITY WERE POINTED OUT.

THE VOTE TO SUPPORT CONTINUANCE OF THE SWINE RESEARCH FACILITY IN MILES CITY RESULTED IN A RESOUNDING YES.

ON BEHALF OF THE CUSTER COUNTY FARM BUREAU I WOULD ASK THAT YOU WOULD STRONGLY SUPPORT ADEQUATE AND NECESSARY FUNDING SO THAT THIS SWINE RESEARCH

FACILITY MAY REMAIN IN MICES CITY.

THANK YOU

Don Hofmann

VICE PRESIDENT
COSTER COUNTY FARM BUREAU.

EXHIBIT 18 1-28-85

Jan 27, 85

To Whom this May Concern

I am of the understanding that a phasing out of our much needed swine division at Ft. Keogh is in the making - I very much oppose this we have and are using Mr. Elliot's expertise and have purchased stock there for our herd - Mr. Elliot is always very congenial and has a very well cared for operation. We will be left with no where to go for breeding stock if this is phased out

Please reconsider as we very much need this station to remain in operation

Sincerely
Thomas Brooks
Box 3074
Forsyth, Mt

EXHIBIT 19 1-28-85

January 27, 1985

To whom it may concern;

In regard to the Swine Unit at U.S.A. Range Experiment Station at Miles City, MT; I fully support keeping the swine research facility at Miles City. I have spent a good many hours and traveled thousands of miles looking into the feasability of keeping the swine facility at Miles City. The swine project was turned over to Montana when the Federal swine research moved to Nebraska over 15 years ago. In all these years there has never been an appropiation to keep it going. It has run on the money generated from sales of swine. Two years ago because of depressed prices they lost money. How many other research facilities in the State have been able to run on their own income? It is one of very few that receives money from Beltsville, Maryland, about $5000 per year for Research in Artificial Insemination.

The U.S.D.A. will long-term lease or sell land with the facilities that are thereso Montana may improve and or repair the present facilities. This facility has done more to improve swine genetics and the feeding qualities of Montana grown grains than any in the State.

The majority of swine producers in Eastern Montana are in favor of keeping the research in Miles City. Montana Pork Producers Asso. is not in favor of keeping the research at Miles City but they only represent about one out of nine producers of swine in Montana.

The people who are aquainted with the facilities feel that about $75,000 for the biennium will cover repairs and any loss that may occur because of low hog prices the next two years. Bozeman does not have facilities to handle even part of the number of pigs used to run the research they have been at MilesCity. It is only a

matter of a short time till Bozeman will have to close or move their Swine Research because of a housing developement next to the present site. They have already closed the Dairy and moved the Beef-Fattening to Huntley.

I was told at Bozeman that it is only a matter of 5 to 10 years and all livestock at the College will have to be moved farther from Bozeman.

For the reasons I have stated and many others I could give you if needed, I urge you to leave the Swine Research at Miles City where there are facilities, people who have worked with the project for years and far enough from Miles City as not to cause an odor problem for the citizens.

Thank you.

Truly yours,

A concerned livestock producer

EXHIBIT 20 1-28-85

WITNESS STATEMENT

NAME Al Kurki BILL NO. exp. sta. budget

ADDRESS 324 Fuller C-4 Helena, Mt. 59601 DATE 1/28/85

WHOM DO YOU REPRESENT? Alternative Energy Resources Organization

SUPPORT MSU proposed level of funding for experiment stations OPPOSE AMEND

PLEASE LEAVE PREPARED STATEMENT WITH SECRETARY.

Comments:

If ~~this~~ we rely all too heavily on funding through attrition and continued postponement of capital or equipment improvements, we undercut this state's ability to respond effectively to changing needs of farmers and ranchers.

~~Pref~~ Your allocation of public dollars ~~which~~ works in the public interest; with Montana's largest single industry being agriculture, I'd say your commitment of adequate funding serve one of the state's most significant interests.

Given the current state of agriculture, now is not the time to cut any research which would assist farmers in cutting production costs, enhancing the value of their [illegible]

CS-34

EXHIBIT 21 1-28-85

WITNESS STATEMENT

NAME Don Steinbeisser BILL NO. ____

ADDRESS Rte 1 Box 3400 Sidney Mont DATE Jan 28, 1985

WHOM DO YOU REPRESENT? Montana-Dakota Sugar Beet Growers Assoc.

SUPPORT yes OPPOSE ____ AMEND ____

PLEASE LEAVE PREPARED STATEMENT WITH SECRETARY.

Comments: I want to keep funding for Ag research at least a current levels and should be increased.

Our sugar beet growers want more research on sugar beet transplanting. This project needs $70,000 increase in funding to get off the ground.

This project we think will lower our production costs and keep us competing in the market with other sweetners.

EXHIBIT 22 1-28-85

28 JAN, '85

CHAIRMAN DONALDSON
Appropriations - sub committee - Education

MONTANA AGRICULTURAL EXPERIMENT STATION: Budget Consideration

On Behalf of the Montana Grain Growers Ass'n, we would like to be on record as supporting full funding of the budget requests by the Montana Ag Exp. Station.

We believe that research + development is the foundation of future efficiency + production for the Montana farmer + rancher.

We appreciate your efforts + cooperation in past sessions for your support of M.A.E.S.

Don R. Fitzgerald
VICE-PRESIDENT
M.G.G.A.

EXHIBIT 23 1-28-85

WITNESS STATEMENT

Ag Exp Station Budget

NAME Frank Loch Sr BILL NO. ____

ADDRESS Box 2870 Dutton MT 59433 DATE 1/28/85

WHOM DO YOU REPRESENT? CARE & myself

SUPPORT X OPPOSE ____ AMEND ____

PLEASE LEAVE PREPARED STATEMENT WITH SECRETARY.

Comments:

In order for Montana agriculture, one of the only resources & the primary industry of this state to survive and compete in the world of agriculture. we must maintain a viable experiment structure. As agriculture becomes more and more hi tech it will be more and more important to have strong research and experimentation.

F Loch Sr

CS-34

EXHIBIT 24 1-28-85

WITNESS STATEMENT

NAME Richard Bufbaum BILL NO. _____

ADDRESS Sloan Rte Box 4015 Sidney, Mont. DATE 1-28-85

WHOM DO YOU REPRESENT? Montana Dakota Beet Growers Ass.

SUPPORT yes OPPOSE _____ AMEND _____

PLEASE LEAVE PREPARED STATEMENT WITH SECRETARY.

Comments: I came here to get funding for the continuation of research for sugarbeet transplants at Sidney, Mont.

EXHIBIT 25 1-28-85

WITNESS STATEMENT

NAME Bill McLean BILL NO. Appropriatio

ADDRESS Box 428-A, Brady, MT DATE 1-28-85

WHOM DO YOU REPRESENT? Self, member of CARE & Comm Exp. Sta. Adv. Com

SUPPORT X OPPOSE _____ AMEND _____

PLEASE LEAVE PREPARED STATEMENT WITH SECRETARY.

Comments:

The AES is an important part of young farmers success. They assist those who are making decisions about input levels (fertilizer, seed, chemicals) for the first time.

AES is a beneficial program for all farmers, but especially the young farmers.

26

EXHIBIT 26 1-28-85

WITNESS STATEMENT

NAME Glen Asbeck BILL NO. _____

ADDRESS Rt 2 Box 2226 DATE _____

WHOM DO YOU REPRESENT? Mont-Dakota Beet Growers

SUPPORT _____ OPPOSE _____ AMEND _____

PLEASE LEAVE PREPARED STATEMENT WITH SECRETARY.

Comments: Transplanting of Sugarbeets will help keep the cost of production down & help keep domestic production alive so this country will not have to rely on imports in the future, The transplanting of other crops could also be important to Montana with our short growing season

21

EXHIBIT 27 1-28-85

WITNESS STATEMENT

NAME Paul L. Kronebusch BILL NO. MAES

ADDRESS RR#3, Box 350, Conrad DATE Jan 28 85

WHOM DO YOU REPRESENT? Self, MAES Agri Comm.

SUPPORT ✓ OPPOSE _____ AMEND _____

PLEASE LEAVE PREPARED STATEMENT WITH SECRETARY.

Comments:

Agriculture is Montana's largest industry. It accounts for approximately 33.6 percent of the gross sales of the State.

At the present, Montana is only investing about 1.6 percent of it's general fund tax dollars in research and development.

Increased investment will add to the stability of agricultural income by cutting production costs and increasing marketability. It is an investment that has been shown to have a return of between $2.00 and $119.00 for every dollar invested.

Our investment in agricultural research through the MAES is a wise use of our tax dollars.

In a time of depressed agricultural economics, cuts in research will have an adverse affect.

In the current biennium, salary and benefit increases were authorized but no funds were provided. The shortages totaled over $570,000 in FY 1985 alone. This deficit had to be made up by holding positions open longer, using fewer authorized technicians, graduate students, and part-time help. So salary and benefits increases were funded by vacant postitions.

Again this year, both the Governor's and Fiscal Analyst's recommendations have very high vacancy rates in personal services, over $544,000. This in turn means that once again MAES will be forced to hold open authorized positions until the required savings are generated.

If this policy again is forced upon MAES, both programs and staff will have to be again cut back from authorized levels.

If either of these areas are cut asdrasticaly as is indicated, it will be impossible to provide the kinds of research that Montana farmers and ranchers must have when our agriculture and rural communities are in very serious trouble.

We in agriculture are at a time when so many of our production costs are fixed costs. Now is the time that we draw heavily upon the research that is done by MAES to try to cut any costs we can and to boost production in terms of a higher quality product.

In conclusion, we farmers and ranchers request that the personal services portion of the budget be reinstated to achieve authorized staffing and program capacity, and that funds be supplied to cover salary and benefit increases. We must be given the opportunity to utilize the full research capacity that MAES has developed over the years in order to help ourselves get past this time of crises. We believe in the future of farming and ranching, but we must have the latest techniques that only research can provide inorder to survive.

Thank you,

EXHIBIT 28 1-28-85

WITNESS STATEMENT

NAME Michelle E. Wing BILL NO. Ag. Experiment Station

ADDRESS 718½ S 12th, Bozeman DATE 1/28

WHOM DO YOU REPRESENT? Associated Students MSU

SUPPORT X OPPOSE _____ AMEND _____

PLEASE LEAVE PREPARED STATEMENT WITH SECRETARY.

Comments:

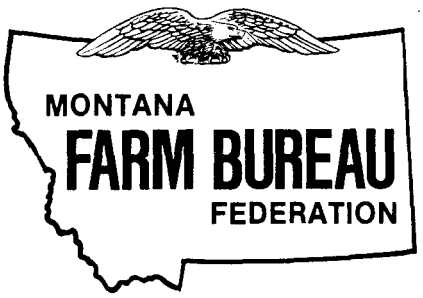
As a representative of the students of Montana State University, I would like to stand in support of the budget proposals for the Agricultural Experiment Station.

In a short term way, the proposed cuts will hurt students by eliminating student jobs. When a program is cut as acutely as the Experiment Station has been, particularly because of vacancy savings, graduate student positions are among the first to go. Because this research experience is essential to education, I oppose the proposed cuts.

Also, in a more long-term picture, the agriculture students are hoping to inherit more from their education than a debt-ridden farm. Cutting research cuts into possibilities for future betterment of agriculture. If farming is bad now, imagine how it will be in 20 years – unless we work on new ideas and techniques.

As a student, as a representative of the students of MSU, I stand in support of the Agricultural Experiment Station.

EXHIBIT 29 1-28-85



502 South 19th Bozeman, Montana 59715
Phone (406) 587-3153

TESTIMONY BY: Alan Eck

BILL # Experiment Station Appropriation DATE 1/28/85

SUPPORT XXX OPPOSE

Mr. Chairman and members of the committee, my name is Alan Eck. I'm representing the Montana Farm Bureau Federation. In the nterest of time I would just say that we would like to go on record as supporting the funding request for the Montana Agriculture Experiment Station. We also have policy supporting maintaining the Swine research program at the research station in Miles City. Thank you.

Alan Eck
SIGNED

FARMERS AND RANCHERS UNITED

Montana State Grange

FOREST E. FARRIS
550 — 3 MILE DRIVE
KALISPELL, MT 59901
PHONE 257-3636

EXHIBIT 30 1-28-85

MR. CHAIRMAN AND MEMBERS OF THE EDUCATIONAL SUBCOMMITTEE:

My name is Forest Farris, Master of Montana State Grange, representing 1400 members.

Our organization is ag oriented with a great concern for education.

We feel that the Budget for the Agricultural Experiment Station should be fully funded as requested. We are of the strong opinion that the vacancy saving, which has been used in the past two budgets, are taking a toll on the Experiment Station resulting in lower numbers of personnel and the quality of same. Also, we are aware of the needs for new equipment due to the fact so much of the present equipment is beyond economical repair.

Agriculture, Montana's number one industry, is in trouble and needs the expertise of the Experiment Station in seeking new varieties in grains and grasses and better methods of marketing through processing our raw commodities.

The Montana State Grange looks at the Experiment Station Budget as an investment in Montana's economy, not as an expense.

Forest Farris

Forest Farris, Master
Montana State Grange