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## Cooperative Extension Work in Aroostook County, Maine, Annual Report, December 1, 1967-November 30, 1968

Aroostook County Extension Association

Lewis C. Berce

Kenneth S. Chapman

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COOPERATIVE EXTENSION WORK IN AROOSTOCK COUNTY, MAINE

ANNUAL REPORT

of the

Total Extension Agent and Specialist Staff

Lewis C. Berce, Extension Agent  
Kenneth S. Chapman, Area Potato Specialist  
Henry J. Cook, Jr., Area Dairy Specialist  
Mrs. Emily B. Evans, Extension Agent (from Sept. 1, 1968)  
Robert E. Evans, Extension Agent (from Sept. 1, 1968)  
Norman R. Ness, Dairy Specialist  
Mrs. Jessie L. Oak, Extension Agent  
Edwin S. Plissey, Area Potato Specialist (to April 30, 1968)  
Mrs. Marilyn B. Plissey, Extension Agent (to July 31, 1968)

Miss Rosalyn M. Rappaport, Extension Agent  
Lewis P. Roberts, Sugar Beet Specialist  
James A. Robinson, Area Potato Specialist  
Mrs. Ruth V. Ross, Extension Agent  
Iwight G. Stiles, Area Potato Specialist (from  
Sept. 1, 1968)  
Thomas C. Sweetser, Extension Agent  
Harry C. Whelden, Jr., Poultry Specialist  
Harry F. Whitney, Extension Agent (from Jan. 1,  
1968)

December 1, 1967 to November 30, 1968

University of Maine  
the U. S. Department of Agriculture  
and the  
Arcostock County Extension Association  
Cooperating

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## PROJECT I - ORGANIZATION AND ADMINISTRATION

Program Area: Professional Development

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
To identify staff training needs and schedule specific training opportunities where available and practical.	Several county staff members have expressed their needs to receive additional training in several program areas, to become more effective in their activities for the county. Specific program area knowledge and educational skills in processes to get information effectively to the citizens of the county are involved.	Periodic exposure to and participation in courses, training sessions and conferences is effective in keeping all staff members up-to-date. Constant securing of knowledge on programs and educational skills results in increased effectiveness of the staff with county groups and citizens.
To improve staff knowledge of subject matter and educational skills.	The staff has been involved in formal classroom courses, regional training sessions, state-wide conferences and in-service training sessions in the past year, including the following: A "Regional Resource Development Workshop," in N.H. for Me.-N.H.-Vt., a statewide "Donated Commodities and Food Stamp Workshop," a CSU36 - Poverty in Affluence" CED Course, a statewide "Maine Property Tax Conference," a "BPA 71 - Local Planning" CED course, a specialists tour of mid-western potato producing area, a statewide "Workshop for the Aging", Rural Youth Corp. Training plus other statewide and northern Maine Extension Service in-staff training sessions.	Holt, Mosher, Struchtemeyer and the total county staff involved.
To provide a systematic procedure for advance planning and scheduling of training activities.		
To provide training in leadership development.		

Program Area: Financial and Office Management

<u>Objectives</u>	<u>Results or Progress</u>	<u>Effectiveness of Methods and Staff Involved</u>
<p>To expend funds for office space, equipment and supplies in a manner that will utilize resources to the best advantage.</p>	<p>At the present time, three office locations at Houlton, Fresque Isle and Fort Kent have inadequate duplicating and mail handling equipment to efficiently and economically handle this work. Some equipment is out-dated and other needed equipment is lacking. Because of this situation, the total county staff requested the U. of.M. Extension Administrative Officer to spend the necessary time in Aroostook to study this situation and recommend actions to correct the problems. This was accomplished in July 1968. A centralized county duplicating and mailing room was suggested. The advantages of a centralized county facility would be: 1) the elimination of three different sets of equipment or worse yet, trying to operate with inadequate equipment to do the job efficiently, 2) investment in only one set of equipment instead of three with the probable results that one complete set of good equipment could be maintained at less cost than three less adequate sets. The equipment items needed to effect this change includes: a new offset duplicator, an envelope feeder unit with a conveyor stacker installed on the present addressograph, addressograph selection accessories for the present addressograph, an inserting unit for the present folding machine and an 8-station collator. This proposed</p>	<p>The present county offices equipment and methods of duplicating and disseminating educational information was discussed in detail at county staff conferences and executive committee meetings. All advantages, disadvantages and alternatives were analyzed. A study of this problem was undertaken by State office personnel from the Univ. of Maine. Consensus by county staff and executive committee members was arrived at. This method of studying the problem was effective. County funds will be requested in 1969 to carry out this proposal.</p>
<p>To continue to acquaint executive committees, county commissioners and other concerned leaders with Extension finances and needs.</p>		
<p>To stress efficient office management and effective utilization of resources.</p>		

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
	<p>centralized facility would be at the Presque Isle office. Approximately \$4400 will be needed to accomplish this proposed plan.</p>	
	<p>Improved filing systems were utilized by some staff members.</p>	<p>Inter and intra office efficiency and procedures have improved this year.</p>
	<p>A 1969-1970 budget was prepared by staff members for action by the county Assoc. executive committee.</p>	<p>The county Extension Assoc. executive committee is undertaking efforts to provide necessary staff support.</p>
	<p>Centralized and G.S.A. purchasing of supplies and equipment has reduced costs. Surplus equipment from the Univ. of Maine and Loring A.F.B. has been utilized.</p>	<p>G.S.A. (Federal General Services Admin.) purchasing materially reduces costs.</p>
	<p>College summer work-study students were utilized at Houlton and Presque Isle.</p>	<p>Allocated county funds have not completely met Assoc. and staff needs.</p>
	<p>Total staff and office work coordination has improved efficiency.</p>	<p>Summer work-study students effectively assisted with office duties (plus other program assistance to staff).</p>
		<p>Coordination of staff and secretarial activities have improved.</p>
		<p>Holt, Miller and the total county staff involved.</p>



Program Area: Financial and Office Management

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
<p>To secure more desirable quarters for Cooperative Extension office in northern Aroostook.</p>	<p>Conferences held with the President of Fort Kent State College relative to office space at the College. Complete agreement on this plan with the possibility that adequate space will be available in late summer or fall of 1969.</p> <p>Other people contacted include, Charles Holt, Paul Mosher, Dr. Struchtemeyer, and Acting President Winthrop Libby. These administrators are very favorable to the above action.</p>	<p>Everyone was very cooperative, but other items needed when budget becomes effective.</p> <p>Work done by Holt, Mosher and the northern office staff.</p>
<p>To mechanize and modernize the Fort Kent Cooperative Extension office to increase efficiency, thus making it possible for one secretary to handle the work load of three agents.</p>	<p>Obtained adding machine, antiquated folding machine (partially operable), camera, Ektagraph Visual Maker, office chair, Soil Testing equipment, and some other small items. Arranged for janitorial service to release secretary from janitorial duties.</p>	<p>Everyone was very cooperative, but other items needed when budget becomes effective.</p> <p>Work done by Holt, Mosher and the northern office staff.</p>

Program Area: Program Development

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
To provide for more involvement of local people in program development.	All staff members striving to develop effective programs according to the expressed desires of county groups and people. More and more Extension program efforts being undertaken in coordination with existing local organizations and groups. Continual efforts to involve more people in program planning and execution of activities is underway by all staff members.	Staff members are continually more aware of the real needs of the people of the county. Staff members are involved with several new interests and new efforts indicating good effectiveness in meeting needs. (Examples - food processing, regional planning, donated commodities, senior citizens, low-income, housing, recreation, rural youth corps, quality potatoes, sugar beet growers, conservation-education camp, community planning boards, etc.)
To coordinate Extension activities with all appropriate local development organizations.	The county Extension Assoc. executive committee serves as the sponsoring and guiding organization for overall total county staff activities. Each year, at the Extension Association's annual meeting in November, the staff presents a program of work to the membership for the coming year, for their action.	Weekly office staff conferences and periodic county staff meetings are effective.
To identify with local people an effective program to meet their expressed needs, problems and objectives.	The total county staff works closely together and assists with each other's efforts, wherever possible.	Emphasis on program planning with county groups and people is effective.
To provide for an effective, coordinated county staff team effort. All staff to improve effectiveness of planning, execution, reporting and evaluation of work.	The county Extension Assoc. executive committee has met with the total county staff four times this past year. Executive committee members in the northern county area also met with new Fort Kent office staff members in the fall of 1968.	A more active Extension Assoc. executive committee has been effective for the county staff. Coordination of Extension efforts with other governmental activities is effective for the county.
To have Executive Committee and agents determine together the roles and functions of Extension in the county.		Work done by Holt, Mosher, Struchtemeyer and the total county staff.

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
	<p>County staff members meet weekly by office staffs and periodically (3 to 5 times yearly) to work on coordinated program development efforts.</p>	
	<p>Constant efforts are made to coordinate Extension programs with other governmental agencies and departments.</p>	
	<p>Special emphasis is being made to reach and work with younger homemakers. For example, a group of young homemakers who all live in mobile homes and none over 30 years of age have an Extension group.</p>	<p>Interest from some groups of young homemakers indicates good effectiveness.</p> <p>Work done by Oak, Ross, M. Plissey and E. Evans.</p>
	<p>Special emphasis is also being made to work with low-income people and particularly in coordination with O.E.C. Community Action Programs.</p>	<p>Interest in helping low-income families indicates good effectiveness.</p> <p>Work done by total county staff.</p>

PROJECT II - INFORMATION

Program Area: Information

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
To utilize publications, films, slides and other audio-visual aids effectively and to their full use.	Statistics for the county staff for the period of this report have not been compiled as of this writing. However, county staff statistics for the calendar year 1967 show the following county Extension informational activities and these are indicative of this years activities: 23 field trials, tests and demonstrations; some 9000 consultations providing information, advice and guidance on problems of individuals, families and farm operators; some 3000 consultations providing information, guidance and advice on problems of organizations and agencies; about 100 meetings to train local leaders; some 450 meetings at which Extension workers presented information; about 400 news stories released directly to newspapers; approx. 80,000 publications distributed; some 1150 direct mail pieces prepared with 130,000 pieces distributed; about 300 radio broadcasts and 150 television broadcasts participated in.	Field trials and tests are effective to both gather and disseminate information. Staff consultations with individuals and groups to provide needed information, is the most effective.
To maintain up-to-date files of all types of Extension program related educational information.	Local leaders, especially in organized Extension women's groups, are effective in passing on information. The Extension staff presentations of information at meetings is generally effective. News stories, radio and television are effective to inform the general public.	The many requests for federal and state informational bulletins, circulars, etc. indicates good effectiveness.
To improve writing styles and formats of all educational information.	Comments from citizens indicates good effectiveness of radio and television presentations.	Mailing lists, maintained by various interest groupings, is effective in reaching these specific audiences.
To convey correct, up-to-date information.	The offices in the county now maintain mailing lists for twenty-three periodic educational releases. These releases go monthly, quarterly and in-season to many varied interest groups on a county-wide basis.	
To have the staff, other institutions, other organizations, other groups and the public make good use of printed information.		
To maintain and utilize mailing lists in many different areas of interests.		

Objectives	Results or Progress	Effectiveness in Methods and Staff Involved
	<p>Information on new educational publications and materials is released continually.</p>	<p>Many requests for educational and informational materials indicates effective usage.</p>
	<p>The county staff carries on regularly scheduled appearances on WAGM-TV (Newsline - Agriculture), WAGM Radio, WFST Radio, WSJR Radio and WHOU Radio.</p>	<p>The interest from radio and television stations county-wide, to have Extension staff participate in regular programs, indicates good effectiveness.</p>
	<p>Five members of the central county staff participated in a special daily Extension program for 14 weeks this past summer on WAGM Radio. WFST Radio now features Extension on a regular morning spot. Two northern office agents now each have daily radio programs on WSJR Radio. The southern office staff has a regular program on WHOU Radio.</p>	<p>Work done by Wyman and the total county staff.</p>
	<p>Three television programs on family life, a women of Extension Assoc. tea and on nutrition presented primarily for women listeners.</p>	<p>Work done by Oak.</p>
	<p>Television programs on a county-wide arts and crafts organization, activities of Technical Action Panels, Extension's 50th anniversary and annual meeting and on county planning activities presented.</p>	<p>Work done by Whitney and Sweetser.</p>

Program Area: Information

<u>Objectives</u>	<u>Results or Progress</u>	<u>Effectiveness of Methods and Staff Involved</u>
	<p>A television program on the scope and activities of an Aroostook County Conservation - Education Camp participated in.</p>	<p>Work done by Berce</p>
	<p>The "Maine Farmer and Homemaker" had virtually no circulation in Aroostook County a year ago. A subscription solicitation campaign was conducted from June to August 1968. As of Oct. 31st, there were 510 subscribers to "Maine Life" (formerly Maine Farmer and Homemaker) in the county. All county staff members now contribute Aroostook news items more regularly to this publication. "Maine Life" now is also available at newstands.</p>	<p>Success of subscription campaign indicates good effectiveness.</p> <p>Work done by Holt, Wyman, and total county staff.</p>

Program Area: Agricultural Business Management

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
To teach and assist the operators of Maine commercial farms to become better managers of larger and more profitable farm businesses.	Potato growers continue to replace labor with mechanization and larger machinery units.	Requests for mechanization and labor-saving information indicates good effectiveness.
	Bulk handling of materials continues to increase farm efficiencies.	Work done by Kitridge, Mosher, Robinson, Chapman and Stiles.
	A few county potato growers are utilizing an electronic data processing ELFAC system for farm record keeping and farm analysis work. There are also several dairy farmers enrolled in the ELFAC program. Most of these had depreciation schedules.	ELFAC work done by King, Blackstone, Area Potato Specialists and Cook.
	Meetings were held to assist dairy farmers in computing their costs of production and in planning for their wills and passing on of their estates.	Interest in accounting, estate planning and wills indicates good effectiveness.  Work done by Cook.
To help farmers with farm records systems.	The Maine farm account book system is utilized by many growers and farmers in the county.	Requests for Maine farm account books indicates good effectiveness. Work done by Robinson, Chapman and Stiles.
To help farmers to become better income tax managers.	Income tax information provided via mass media the "Farmers Tax Guide" distributed.	Many requests received for the "Farmers Tax Guide" indicates good effectiveness.
To improve the quality of income tax assistance received by farmers.	Distribution of timely materials to farm income tax accountants and practitioners.	Income tax work done by King.

Program Area: Agricultural Business Management

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
<p>To help provide improved and/or expanded marketing outlets for potatoes.</p>	<p>A St. John Valley Potato Growers Assoc. has been active and met several times this year, in an effort to lay the groundwork to attract a potato processing facility to locate in the northern Aroostook County area. This group of growers has good enthusiasm and is well organized. No firm potential processing plant operator has been found as yet, but this growers' assoc. proposal is sound and may well ultimately produce results. Over 100 growers involved in the northern county area.</p> <p>Similar potato processing efforts are underway in the southern Aroostook area. An Economic Development Admin., Technical Assistance Project, as formerly requested by the Aroostook County Rural Area Development Committee, was completed and published in April 1968. This project entitles "A Study of the Desirability of Expanding Potato Processing in Aroostook County, Maine" suggests that potato processing expansion into northern and southern county areas is feasible.</p>	<p>Growers support for a St. John Valley Potato Growers Assoc. effort indicates good effectiveness. Growers pledged \$102,000 in support of this effort. The fact that this Assoc. now plans to involve allied business also indicates good effectiveness.</p> <p>Work done by Perry, Robinson, E. Plissey, Chapman, Stiles and Sweetser.</p>



Program Area: Fruit

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
Commercial fruit production is not a significant factor in the agricultural economy of Aroostook County.	Fruit production information, mostly for apples, provided to a few people as requested.	Fulfilling individual requests for information is effective.
To provide those few people who do have interest in fruit production with the information and assistance needed.	Information provided to several small fruit growers on sources of plant materials and on cultural practices.	Requests for information offered via mass media indicates good effectiveness.
To provide home fruit growers with timely information and fulfill their requests.	The interest among a few for local fruit production for roadside stand sales continues to increase slightly.	Work done by Stiles, Robinson, Berce and Sweetser.
	Mass media releases were used to inform county residents of available information. Most requests for information come from home gardeners.	

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
<p>To assist and encourage Aroostook County residents to improve the aesthetic and economic value of their homes, communities and recreation areas through more and better landscaping, improved lawns, better cared-for plantings and an appreciation for unmarred natural beauty.</p>	<p>Aroostook County citizens have displayed a good interest in landscaping and home grounds, as displayed by their many requests for information. Maine Extension bulletins on landscaping and related topics have been very popular request items this year. A colored slide series on landscaping was used by seven women's Extension groups with a total attendance of 110, this year. A meeting on flowers and shrubs was held by request from townspeople in Fort Kent.</p>	<p>Numerous requests for information indicates good effectiveness. Much more work could be done in this program area if we had more competency and more staff available for this type of work at the county level.</p> <p>Requests for meetings and meeting materials on landscaping indicates good effectiveness.</p>
<p>To help provide Aroostook County with information leading to a wider range of hardy plant materials for landscaping work.</p>	<p>Detailed public building landscaping plans have been provided this year, as follows: Fort Fairfield High School, Fort Fairfield Hospital, Limestone High School, and Presque Isle Library.</p> <p>Periodic newsletter entitled, "Over the Garden Wall" and "Turf Clippings" are distributed to some 400 people each.</p> <p>Eighty different tree and shrub materials were delivered in June to Houlton, Presque Isle and Fort Kent for a cooperative hardiness testing program with the Arnold Arboretum of Harvard University. The Houlton Parks and Recreation Dept., the Presque Isle Parks &amp; Recreation Dept., &amp; the Fort Kent Community High School Recreation Dept. cooperating.</p>	<p>Interest in good public buildings appearance indicates good effectiveness.</p> <p>Request to receive newsletters indicates good effectiveness.</p> <p>Work done by Littlefield, Holyoke, Oak, Berce, Whitney and Sweetser.</p> <p>Interest and enthusiasm by local people in this plant hardiness testing program indicates good effectiveness.</p> <p>Work done by Littlefield &amp; Sweetser.</p>

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
<p>To make all segments of the Potato Industry aware of the importance of good appearance in potatoes.</p>	<p>On Dec. 19, 1967, 10 farmers representing all sections of Aroostook County attended a planning meeting with Deputy Commissioner of Agriculture and University of Maine Extension Service people working on potatoes to plan a two day Potato Growers Seminar on April 5th and 6th, 1968. They decided to have a day on potato "Production Technology" and a day on "Agricultural Business and Economics."</p>	<p>Very high percentage of farmers using certified seed to plant the 1968 crop.</p>
	<p>Commercial people working with the Maine Potato Industry attended a Pesticide Conference at Caribou, January 30th and a Plant Food Society Conference at the Univ. of Maine. Topics were presented that helped in lending support of commercial people to Extension Services industry program on "Appearance."</p>	<p>Seed treating has resulted in very little uncommon scab present, stopping a real threat to the Potato Industry.</p>
	<p>An excellent soil testing program has helped in assisting farmers in making soil management decisions, the proper quantity and analysis of fertilizer to use, and the adoption of improved liming practices.</p>	<p>In Aroostook County - a continued increase in soil test - 23,000 in 1968; 20,124 in 1967; 15,809 soil test in 1966.</p>
	<p>With figures showing a decline in the car-loads of Maine Potatoes shipped for fresh market consumption, the Maine Potato grower is becoming more concerned about appearance and quality.</p>	<p>Work done by Mosher, Chapman, E. Plissey, Robinson and Stiles.</p>
	<p>Bruise Detector Kits developed by the Maine Extension Service has been picked up by other areas and improvements have been suggested. This kit has been the basis for Anti-Bruise Campaigns in other major Production areas.</p>	<p>Twenty-five kits sold in Aroostook, plus a dozen containers of solution. Growers who purchases new harvesting and handling equipment were anxious to check for bruises.</p>

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
	<p>Anti-Bruise Campaign was conducted to dramatize the Economic loss the potato grower suffers and the millions of dollars lost to the Maine Potato Industry each year because good quality potatoes that become culls between the harvesting and handling into and out of storage.</p> <p>Meetings were held on July 24th and August 13th of the Anti-Bruise Campaign Committee composed of State Department of Agriculture representatives, Maine Potato Council, leading growers and University of Maine Extension Service potato people, with Paul Mosher - Chairman.</p> <p>T.V. Spots - Articles - Circular letters to growers - Radio Spots were used.</p> <p>T.V. yield and size charts were used to encourage farmers to control size and get maturity.</p>	<p>Much support was given to the Anti-Bruise Campaign by potato dealers, equipment dealers, Radio, T.V. and Newspaper Editors.</p> <p>Reports of growers indicate real effort by growers to improve potato appearance. A lot of comment is received in regards to varieties less subject to bruising than the Katahdin. Growing the Superior this year is an example. Interest in fertilizer rates, planter adjustment, rotations and soil testing are indications. Pesticide and Fieldmens conferences were very successful. Most farmers are seed treating. T.V., radio, newspaper, Spud Lines and personal calls used.</p> <p>All Extension Potato Staff: Mosher, Perry, Kitridge, Chapman, Robinson, E. Flissey and Stiles involved.</p>
<p>To improve farm machinery management.</p>	<p>Aroostook Potato growers continue to replace labor with larger pieces of machinery. Seven and eight bottom plows; 4 row planters; bulk handling of seed and fertilizer at planting and four row tillage equipment.</p> <p>Barry Thibeau using a Braco Winrower had limited success picking up four rows with his Bean Airseparation Harvester. Herschel Smith was unsuccessful using a Dahlman Winrower and picking the four rows up with a standard Dahlman mounted two row harvester.</p>	<p>Checks with the Bruise Detector Kit showed some increased bruises.</p>

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
	<p>Potato Growers Seminar April 5th, 1968, Arocstook State College, Fresque Isle, discussed the new technology of potato farming.</p>	<p>Eighty-five attended and encouraged that the effort should be continued another year.</p>
	<p>Bulk handling of fertilizer has increased rapidly with bulk distribution stations located around the county by the major fertilizer companies. The resulting \$3.50 per ton saving is paying for the farmers bulk bodies on the average farm in three years.</p>	<p>Bulk fertilizer (59,000 tons for state) was used at a saving over bagged of \$3.50 per ton plus savings in handling cost on the farm.</p>
	<p>Approximately 75 percent of the 1968 potato crop was harvested mechanically. Airseparation harvesters are the popular trend, several growers reported harvesting over 10 acres per day with a crew of four in the field with their air harvesters.</p>	<p>This represents a considerable reduction in cash cost of harvesting over hand picking at 30 cents per bbl.</p>
	<p>Aerial spraying continues to increase even with poor potato prices. Some time was spent consulting with operators and checking coverage and results showed reduced damage to potatoes and peas.</p>	<p>Work done by Mosher and Area Potato Specialists.</p>
<p>To improve potato storage.</p>	<p>Storage capacity of 651,750 cwt. in 14 new potato storages were constructed in 1968. This was a surprising growth in view of the poor prices received for the 1967 crop. During 1967 - 2,475,000 cwt. in 45 new storages were constructed.</p>	<p>The amount of \$879,862 was invested in new potato storage and packing area based on a cost of \$1.35 per cwt. for the completed facility.</p>

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
	<p>Eight storages representing 481,700 cwt. of new construction was built in Central Aroostook. All but one of the eight were commercially manufactured steel buildings of modern above ground construction, well insulated, and forced air ventilation system. Bin pilers are used to fill these modern storages and mechanical scoops are used to unload the bins during the packing season.</p>	
	<p>Ray Lamoreau, Presque Isle, constructed a clear span potato storage that will hold 30,000 barrels of potatoes all in one bin. He has 75 cents per barrel invested in this storage. This storage was designed for holding potatoes for the potato processor. He is attempting to produce, store, and handle to the processor as economically as possible.</p>	<p>Robinson, Area Potato Specialist and Kittridge, Agricultural Engineer.</p>
	<p>Due to the large amount of storage built in southern Aroostook in 1967, very little was built this year. One of two built used adequate ventilation as recommended with high capacity fans.</p>	<p>Answered all inquiries and personal calls.  Work done by Chapman.</p>
	<p>A potato storage tour in the Washburn, Presque Isle and Mars Hill areas was conducted for the benefit of twenty-five northern Aroostook growers on Nov. 14, 1968. This tour was as a result of requests from growers for information relative to construction of new storages or renovation of present structures. Robinson and Stiles planned the tour and Robinson made the arrangements for the farm calls. Four</p>	<p>Growers desires for information on the latest ideas and thoughts regarding potato storages made this activity very effective.  Work done by Kittridge, Chapman, Robinson, and Stiles.</p>

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
	relatively new, but different storages were visited and inspected. Kittridge addressed the group during the lunch period.	
Consulting service for potato growers.	In the beginning stages with soil test records. Shows promise.	Work done by Chapman.
Field research and demonstrations.	Lime plot at Warren Gentle's soil sampled spring and fall, yield and scab readings made.	Compiling results. Work done by Chapman.
	Soil fumigation work with Dow Chemical, Paul Mosher and Oscar Wyman. Two minor element trials in No. Aroostook. Worked with H. Murphy in Phosphorus study in No. Aroostook. Seven test plots with Temik in So. Aroostook. Combination Di-Syston and Lanate Plot. Two seedling varieties placed on farms for trial. Work with Potato Specialist and Me. Dept. of Agric. in variety work at increase farm in Sangerville.	Farmer interest in new varieties seems to be increasing with the coming of potato harvesters. They need a variety more suitable for the fresh market than Katahdin.  Work done by Chapman.
	Foreign visitors toured storage and packing as follows: March 4th and 5th - 17 German and 1 Dutch; September 25th and 26th - 15 British and 25 French.	Work done by Mosher and Robinson.
To provide economics and marketing information.	Booklets on how growers and shippers can use FACA in settling disagreements were sent to all growers. T.V. and radio programs on this subject.	Much better understanding of the Perishable Agricultural Commodity Act indicates good effectiveness.  Work done by Perry, Chapman, Robinson, and Stiles.

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
	Educational meetings on Hedging Maine Potatoes on the New York Merchantile Exchange were held April 3-10th, Presque Isle, and July 22-23rd, Mars Hill with 61 attending. Two requests for farmer informational sessions at Littleton and Monticello. Arrangements were made by Robinson, and Chapman with classes taught by Dr. Alvah Ferry.	Very favorable response to the sessions by growers.  Work done by Ferry, Chapman, and Robinson.
	Marketing meetings were held March 18th, Presque Isle; March 20th, Madawaska; with 135 growers attending to hear Dr. Winston Pullen, Dr. Alvah Ferry discuss economics and marketing. Robinson, Area Potato Specialist discussed need of marketing system and conducted the meeting.	
	Potato Marketing Seminar was held February 14-15th, Presque Isle. Live radio coverage carried the message of the talks to the growers and others that couldn't attend.	Attendance 235 sessions; 200 banquet.  Work done by Robinson.
	Potato Market Tour with 15 Young Farmers - Markets visited Boston, N.Y.C. Hunts Point, N. Y. Merchantile, Harrisburg, Syracuse, Albany during week of January 15th, 1968.	Work done by Robinson and Perry.
To provide potato farmers with managerial tools, training and assistance.	April 6th, 1968 - Economic Session of the two day Potato Grower's Seminar at Aroostook State College.	Very poor attendance makes repetition of the effort questionable.
	T.V. - Radio - Local papers and the Maine Potato Councillor has been used to get out economic information and to stimulate new practices in marketing.	Work done by Mosher, Perry, Chapman, Robinson.



Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
To improve Post-Storage Potato handling.	<p>Potato Handling show held in cooperation with Maine Public Service Co. on Feb. 14-15th featuring latest mechanical equipment and methods of handling and packing.</p> <p>Worked with local dealers and manufacturers of grading and handling equipment. T.V. and radio programs, and culls to encourage proper mechanical handling of potatoes.</p> <p>Storage and packing house tours late fall 1967. Recommend proper storage environment to have good potatoes to ship.</p>	<p>Work done by Robinson.</p> <p>All new packing sheds equipped with mechanical scoops.</p> <p>Work done by Robinson.</p> <p>Promotion by T.V., radio, letters and news articles, personal calls.</p> <p>Work done by Chapman.</p>

Program Area: Sugar Beets

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
<p>To interest Aroostook County farmers in raising a minimum of 20,000 acres of Sugar Beets in 1968. To obtain maximum yields by following recommended practices and the timely carrying out of these practices.</p>	<p>Three hundred and fifty six contracts were made to plant over 30,000 acres of Sugar Beets. Twenty six thousand and thirty nine acres were planted. 12,158 acres were planted by MSI and its twenty-three corporations, 46.7% of the total acreage. Three hundred and thirty one Maine farmers planted thirteen thousand eight hundred and eightyone acres, 53.3% of the acreage planted. 291 Aroostook farmers planted 11881 acres; 45.6%. The planting of 26039 acres is an increase of 17009 acres over the 9000 planted in 1967 an increase of over 65%. The beets were planted from May 11th to the first week in July. The major portion of the farmers beets were planted from May 20th to June 1st, with a few farmers planting as late as June 15th. A large percentage of MSI corporation beets were planted on land not ready for beets, and throughout June into the second week of July. The beets were planted with John Deer, Oliver, International, Milton, and Graymour planters. All of the planters did a good job of planting except the Graymour. The Graymour resulted in very erratic seed placement. In taking plant counts, the population varied from seven to eight plants per foot to large spaces without any plants. The doubles were over twenty percent compared to 5% or less with the other planters used. Farmers are doing a better job in selecting desirable beet fields, testing their soil, and applying lime as recommended. 22,000 soil samples were taken this year, compared to 19,000 in 1967. It is estimated that</p>	<p>Personnel of Maine Sugar Industries, The Sugar Beet Growers Assoc., The Extension Service, and Dr. Hepler held a meeting on sugar beet production practices. After a unanimous agreement on practices, the agent prepared Information Sheets giving specific recommendations on all practices. These information sheets were given to growers at meetings and were available to interested growers at the offices of M.S.I., the Sugar Beet Growers Assoc., ASCP, ASCS, and the Extension Service offices throughout the state.</p> <p>The effectiveness of the methods used may be best evaluated by the following facts. Growers did a much better job in selecting soil recommended for sugar beets, practically all growers had soil samples taken to determine the Ph of thier fields. The Univ. of Maine set up a special soil analysis program giving the agent the Ph results of farmers samples within twenty-four hours. Farmers were given the results of their analysis with recommendations the day they were received at the Presque Isle office.</p>
		<p>Work done by Roberts.</p>

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
	75,000 tons of lime was applied compared to 50,000 last year.	
	The agent cooperated with MSI and the Growers Association in encouraging, and assisting growers in raising Sugar Beets. The personnel of MSI, the Maine Sugar Beet Growers Assoc., and the Extension Service met and unanimously agreed on recommendations for growing beets in 1968. Following this meeting the agent prepared new information sheets on Sugar Beet production for 1968. These information sheets were sent to potential growers, and a supply was given to the offices of SCS, ASCS, and the Extension Service throughout the state. The agent worked a total of 280 days during this period.	Growers as a whole did not plant as early as necessary to obtain maximum yields. Growers were busy loading potatoes when they should have been planting, which delayed the potato planting operation. The beets were not planted until the potato operation was completed. Growers planted the majority of thier beets throughout June up the beginning of the second week in July.
	The agent in cooperation with other agencies held 35 meetings with an attendance of two thousand two hundred and fifty one. At these meetings he presented information on recommended Sugar Beet production practices for 1968. 19,340 copies of circular letters were sent out. 450 special publications distributed. The agent presented thirty five T.V. programs and made 35 tapes for radio. 396 farm visits were made, 857 telephone calls, 21 news articles prepared. The agent also had 267 office calls.	The major portion of MSI's acreage was also planted on land not ready for beets. This was done primarily to increase acreage to build an acreage history in case acreage allotments were made in 1969.
	The major changes in recommendations for growing Sugar Beets in 1968 were the use of pelltited seed, broadcasting fertilizer and planting to a stand. Growers also for the first time commercially used liquid fertilizer,	The use of pelltited seed appeared to give satisfactory germination and materially reduced the percentage of doubles.
		The planting to a stand gives an adequate plant population providing the seed spacing was not in excess of five inches.
		The broadcasting of fertilizer if properly applied appeared to give as good results as placed in the band. Regular fertilizer produced

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
	<p>and many used Ro-Neet in place of Pyramin and T.C.A. to control weeds.</p>	<p>as good yields as liquid.</p>
	<p>Pyramin with oil or Suficant was also used as a post emergence spray.</p>	
	<p>In view of the changes in recommended practices as well as other new practices utilized by the grower, the Extension Service hired Perley Dean to work with Lew Roberts in obtaining the results from these new practices. On personal calls information was obtained on practices individuals used, plant counts taken to determine plant population, and various practices evaluated. Data was obtained from 56 farmers on 86 fields consisting of 1422 acres.</p>	<p>In fact, one of MSI's field men says that the best beets in his area was where regular fertilizer was used.</p>
	<p>These farmers planted thier beets from May 6th to June 16th. Sixty-three fields were planted in Caribou soil, 8 in Conant, 3 Allagash and 2 Stetson, 10 not classified.</p>	<p>Farmers liked the convience of the liquid fertilizer but the inability to obtain it when ready to plant delayed planting as much as five days to a week. Farmers also felt that there was a great variation in the analysis of the liquid fertilizer and they were not confident that they obtained the analysis purchases. This contention is borne out the analysis of liquid fertilizer by the Maine Agricultural Experiment Station analysis.</p>
	<p>Twenty-two fields were fall plowed, 13 spring plowed and 33 tool barred.</p>	
	<p>Farmers as a whole did a good job in selecting fields. There was a large variation in the Ph reading from farm to farm and within most farmers fields.</p>	<p>The excessive use of liquid fertilizer, especially high rates of nitrogen will decrease yields and the sugar content of the beets. MSI recommendations to stop cultivation and apply Valco Kill-Em-Dead, which is Pyramin with oil or Pyramin with Suficant, was very expensive, and with a few exceptions did not kill the weeds, but greatly retarded the growth of beets, materially reducing yields.</p>
	<p>The seed spacing varied from 2 1/2" to 8". Twenty-four percent of the fields were planted 2 1/2" to 4", 50% of the fields were planted 5", 24% of the fields were planted 5 1/2" to 6", less than one percent of the fields were planted over 6" to 8".</p>	

Program Area: Sugar Beets

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
	<p>On the bases of actual field counts the emergence was as follows: at 4" spacing varied from 172-236 with an average of 201; At 5" spacing varied from 95-181 with an average of 137; At 5 1/2" spacing varied from 96-150 with an average of 122; At 6" spacing varied from 81-124 with an average of 106; At 7" spacing varied from 70-112 with an average of 91. It appears that to have a desirable population one should have 120 plants per hundred foot or row at harvesting time. It is generally recognized that there is a loss of about 10% of the plants from emergence to harvesting time. A 4" spacing with average of 201 plants less 10% would be about 180 plants; A 5" spacing with average of 137 plants less 10% would be about 126 plants; A 6" spacing with average of 106 plants less 10% would be about 95 plants; A 7" spacing with average of 91 plants less 10% would be about 82 plants.</p> <p>This data bears out that it is very risky to space seed at planting more than 5".</p> <p>In regard to cultivation the number of cultivations varied from one to seven. Growers who cultivated 5 times or more were more successful in controlling weeds.</p> <p>Only nine farmers reported using mechanical blockers. The remaining farmers did nothing or thinned by hand.</p>	<p>MSI by virtue of being in the fertilizer and machinery business has discouraged these dealers to the extent that they will not be advising farmers to raise beets.</p> <p>In fact, under present management it appears that the number of farmers raising beets will decrease. The acreage will have to be raised by MSI and its corporations.</p> <p>Work done by Roberts.</p>

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Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
	<p>All farmers with the exception of three used herbicides to control weeds. Pyramin and T.C.A. used on 54 fields, Ro-Neet on 22, and Tilliam on 7. There was great variation in weed control with all of the materials used.</p> <p>Growers reported from excellent to very poor control with all materials. Pyramin used as a post emergence spray proved helpful to only one of the eight who utilized this practice. In most cases the pyramin was applied when the weeds were too large. The weeds were not killed, but the beet plants were retarded.</p> <p>Yield data is being obtained from all growers whom cooperated in this study. After yields have been obtained, a complete summary will be made, especially pointing out the practices that resulted in higher as well as the low yields.</p> <p>In spite of the exceptionally good fall weather the beet harvesting operation didn't move along as smoothly and rapidly as desired. The three major reasons for the lag on the harvesting operation were: There was not adequate supply of harvesters operating to harvest the increased acreage. MSI's new receiving stations were not ready to operate. This made it necessary for many farmers to truck to Easton or pile in the fields. This resulted in a delay in unloading the trucks for two to three hours.</p> <p>As of Monday, November 11th, there was approximately 1500 acres of beets not harvested. One third of this acreage was MSI's and two thirds was farmers. 1170 acres are in Aroostook County.</p>	

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
	<p>The extremely dry weather and late planting materially reduces yields. At the present time there is not sufficient information available to estimate average yields. Many farmers have their beets piled in the field, and data for many others has been been tabulated.</p>	
	<p>However, there will be individual farmers in most areas that will have very profitable yields. It appears that farmers who selected good fields, followed lime recommendations, planted early, and carried out good cultural practices will have profitable yields, except where it was extremely dry throughout the growing season. Yields of beets planted late, on fields not ready for beets are extremely low. However, there are some farmers in most areas whom obtained very good yields. Yields as high as 20 tons and over per acre have been reported from Rommy Haines, Fort Fairfield; Herbert York, Farmington; Robert Chartier, Standish; Harold Thurston, Fryburg.</p>	
	<p>The very high sugar content of 15 to 19% averaging 17.5 for farmers beets is very good. In contrast cooperators whom applied excessive and late application of nitrogen produces beets with relative sugar content from 12 to 17%; with average of approximately 15.</p>	

Program Area: Vegetables

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
Commercial vegetable production, other than potatoes and peas, is not a significant factor in the agricultural sector of Aroostook County. (See potatoes as a separate program area in this report).	Numerous requests for information provided, especially to home gardeners with insect and disease problems. Information provided to only a small number of commercial growers with specific crop needs and problems.	Numerous requests for information and assistance indicates good effectiveness.
To provide the few interested commercial vegetable growers with timely information and to respond to specific requests for information and assistance.	Maine Extension "Home Vegetable Gardening" bulletins, "Vegetable Varieties for Maine" pamphlets and "Vegetable Insect and Disease Control in the Garden" pamphlets very popular this year, with several hundred of each distributed.	Revised Maine Extension bulletins and pamphlets were very effective this year.  Many new requests to receive the "Home Garden Newsletters" indicates good effectiveness.
To help home vegetable gardeners improve their economic and personal satisfactions through improved production, storage and safety practices.	A monthly "Home Garden Newsletter" distributed to the county's few growers. A "Maine 1968 Vegetable and Small Fruit Insect and Disease Control Recommendations for Commercial Growers" distributed and used to answer requests for specific crop problems.	Requests resulting from mass media announcements indicates good effectiveness.
	Individual calls in response to requests from growers and gardeners.	Individual calls in response to requests is always effective.
	Mass media utilized to make people aware of new information available.	Work done by Abdella, Erhardt, Berce, Chapman, Sweetser, Robinson, Whitney and E. Plissey.



Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
To increase the net income of dairy farmers and provide consumers with top quality milk at as low a price as possible.	A study of high moisture corn was undertaken, to determine the feasibility of its use. This study indicated high-moisture corn had potential for the area. At this writing the crop is nearly ready for harvest and looks good in spite of extremely poor weather during the growing season.	The request of dairymen to undertake this study, plus potato growers interest in the program indicates good effectiveness. Work done by Cook.
To update materials handling and buildings. To make the greatest use of labor saving devices. To make dairy farming more appealing to the labor force.	A corn trial was undertaken to study the effect of varying pH levels. A corn variety trial was also undertaken.	The obtainment of silage and grain yields at the variety trial indicated good effectiveness.
To increase the use of improved recordkeeping systems and linear programming.	A silage harvest was taken on the pH levels study, but animal and bird damage prevented obtaining grain yields.	Work done by Cook.
To improve the quality and increase the yield per acre of forage crops.	Meetings were held on weed control, production of corn silage, and use of lime on forage crops. Forage samples were taken to help evaluate feeding programs and improve feeding methods.	Interest in meetings and forage analysis work indicates good effectiveness. Work done by Cook.
To increase milk production per cow.	A meeting was held to discuss breeding problems and ways to improve breeding efficiency.	
To effect the adoption of better milking management practices.	In southern Aroostook milk production decreased 57 lb. per cow and value of feed increased \$2.00. Value of feed per cwt. of milk decreased from \$2.55 to \$2.54.	
To reduce the incidence of disease.	Talks were given at Eastern A. I. Unit meetings encouraging a better job of maintaining identities on sires and dams,	

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
	<p>so as to have more records available for bull provings. In the Island Falls unit there are 18 herds with 887 cows on DHIA and 3 herds with 158 cows on owner-sampler testing. The average number of cows per herd is 497. In the Houlton unit there are 3 herds with 78 cows on owner-sampler testing. Plans were formulated for two dairy farms. Two tours of new dairy barns were arranged. Many farm calls were made to assist dairymen, associated dairy industries and a 4-H Dairy Club with needs and problems. A 4-H Dairy judging school was held in June. A demonstration of proper 4-H fitting and showmanship was conducted in June.</p>	<p>The usefulness of artificial insemination and DHIA activities indicates good effectiveness.</p>
	<p>A five meeting series called "A Forage Economics Short Course" was held.</p>	<p>Work done by Cook.</p>
	<p>One meeting was held to discuss marketing problems with and industry representative.</p>	<p>Interest of dairymen and 4-H Club members indicates good effectiveness. Work done by Cook and Ness.</p>
		<p>Attendance in Forage Short Course not as high as indicated, but interest was good, and it was well received by those attending.</p>
		<p>Work done by Cook.</p>

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
<p>To provide the information and methods that will enable Aroostook County livestock producers to increase their labor returns. Improved labor returns for producers should result in an increased meat production which will benefit all customers.</p>	<p>The county's one large feed lot operation (some 1500 animals now) at Masardis continues to improve and expand, with an optimistic outlook toward further expansions. Very few of the Masardis feeding operation animals reach local county markets.</p>	<p>Quite limited interests in utilizing the many local sources of low-cost feed ingredients for Aroostook cattle feeding indicates only a low degree of effectiveness to-date. More careful study of the current potentials of beef cattle feeding could arouse interests and increase effectiveness.</p>
	<p>Several Aroostook livestock interests are watching this large Masardis feeding operation carefully. Potato processing plant wastes and locally grown grains are utilized in the animal feeding program at Masardis.</p>	<p>Limited requests for beef cattle and sheep information indicates moderate effectiveness.</p>
	<p>A new 10 million bu. grain elevator and handling facilities will be the first development aspect at a new deep-water seaport at Gros Cacouna, Quebec, about 85 miles from Fort Kent or Madawaska. This new grain facility could provide lower cost feed grains to the Aroostook area.</p>	<p>Work done by Goater, Robinson, Berce and Sweetser.</p>
	<p>The availability of beet pulp from the processing of sugar beets at Maine Sugar Industries, will provide a sizable volume of this feed ingredient.</p>	
	<p>Tater-Meal Inc. at Presque Isle is now processing potato waste from all the major processing plants in Aroostook plus a large processing plant in New Brunswick. This potato meal now goes in carload lots to major feed manufactureres in the north-eastern U.S.</p>	

Program Area: Livestock

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
To increase horsemanship skills and provide information to improve horse science knowledge. To encourage better use of horses in county recreational facilities.	The sheep population in the county continues to decrease.	
	A "Maine Beef Cattle Notes" newsletter sent periodically to 110 people.	
	A "Maine Sheep Notes" newsletter sent periodically to 60 people.	
	Judging of horses at No. Maine Fair and other county horse shows. Membership and interest in county riding and horse clubs on the increase.	Requests for horse judging information and horse management information indicates good effectiveness.
	New and improved stables, riding rings and horse trails undertaken by several horsemen and groups in the county this past year.	Interest in horses to provide recreational activities indicates good effectiveness.
	"Maine Light Horse Notes" newsletters sent periodically to 260 horsemen in the county.	Work done by Goater, Berce and Sweetser.

Program Area: Poultry

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
<p>To encourage poultry industry and farm people to make adjustments necessary to improve the county's competitive position in supplying eggs to this area's markets.</p>	<p>A monthly "Timely Topics" service letter and periodic service letters sent to 51 Aroostook County ag-teachers, allied industry people and egg producers.</p> <p>Several requests for information were answered.</p> <p>Five poultrymen responded to a questionnaire survey. Changes in county poultry operations included one remodeled facility, from a floor system to cages.</p>	<p>Requests for information and contacts from egg producers indicates good effectiveness.</p> <p>Work done by Whelden and Sweetser.</p>

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
To develop better understanding of the many uses of forest land resources.	Two woodlot demonstrations and one meeting on the management for Christmas trees were held in September 1968 at Crystal, Bancroft and New Limerick. Some 150 people attended these three Christmas tree activities and considerable interest was displayed. These were joint efforts with the Maine Christmas Tree Growers Assoc., the Maine Forest Service and Extension.	Interest in and attendance at Christmas Tree production and safety meetings indicated good effectiveness.
To guide citizens and forest land owners in making use decisions on management.	A "Woods Training and Safety Day" was held in Eagle Lake in April. This was a coordinated effort with Extension, local forest industries, the American Pulpwood Assoc., the Maine Forest Service and local woods equipment dealers involved. 88 people attended.	Work done by Bissell, Plummer, Blackstone, Berce, Whitney and Sweetser.
To improve the incomes of small woodland owners and operators by better management and efficient safer harvesting.	The Maine Forest Service, service foresters in Aroostook, utilize Extension Service facilities to distribute 800 copies monthly of a "Management Messages" newsletter.	Requests for and comments from newsletter recipients indicates good effectiveness.
To improve the manufacture and marketing of forest products to meet market demands.	An Extension "Forestry Facts" newsletter is distributed monthly to 260 woodland owners and industry operators in the county.	Work done by Sweetser.
To develop and offer training programs in management, harvesting, and utilization of forest resources.	Better utilization of the county's vast forest land resources has been continually stressed throughout the years. Plans are being considered to stimulate	Comments by forest industry representatives indicates an interest in better utilization of forestland resources.
To develop an understanding by Aroostook County youth of the conservation of natural resources and the opportunities for careers in the use of these resources.		

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved.
	<p>the organization of a county forest industry group to have an organized impact on better utilization of the areas forest resources.</p> <p>Extension participated with others in the planning and operation of an "Aroostook County Conservation - Education Camp" for 7th and 8th grade youth during 2 weeks in August at Mud Lake in Sinclair. A group of Aroostook youth attended a week's session at Bryant Pond Conservation Camp in September.</p>	<p>The attendance of 40 girls and 60 boys at the first "Aroostook Conservation-Education Camp" indicates good effectiveness.</p> <p>Work done by Bissell, Berce, Whitney, Rappaport and Sweetser.</p>

<u>Objectives</u>	<u>Results or Progress</u>	<u>Effectiveness of Methods and Staff Involved</u>
<p>To provide food processors with information and suggestions for the solution of problems of the food processing industry in the area of potatoes, vegetable products and specialty items.</p>	<p>Information and service provided to two frozen pre-peeling potato processors and to some of the major county frozen french fry processors as requested.</p> <p>The production of frozen pre-peeled potatoes as well as frozen french fry products has increased within the county this year.</p>	<p>Ability to provide assistance when requested indicates good effectiveness.</p> <p>Work done by Highlands, Perry, Kittridge and Robinson.</p>



Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
<p>To have agricultural users to use pesticides in a proper manner for safety, including safely disposing of used containers and excess materials.</p>	<p>The safe use of pesticides and other chemicals has been the subject of several TV and radio programs plus news releases this year. A leaflet on pesticide use and safety was distributed to gardeners, homeowners &amp; others. Several hundred copies of a leaflet</p>	<p>A few requests for pesticide information plus the generally good interest of audiences when pesticide information is presented suggests good effectiveness of this work.</p>
<p>To reduce contamination of watersheds and the general environment.</p>	<p>entitled "Dennis The Menace Takes A Poke At Poison" was distributed to 4-H clubs and other youth groups throughout the year. "Pesticide Information Manual" contents were up-dated for Vo.-Ag. teachers and others.</p>	<p>Some incidents of injury due to misuse of pesticides chemicals indicates the need for more emphasis in this program area.</p>
<p>To have suburban land holders use pesticides with care around home gardens and ornamental plantings.</p>	<p>Several issues of a "Dealers Pesticide Newsletter" were sent periodically to about 75 people. The U. of M. Extension Specialist for Pesticide Safety worked with the total county staff and participated in a meeting for farm supply dealers at Caribou in January, a woods safety meeting at Eagle Lake in April and at two Conservation-Education Camp sessions for boys and girls at Sinclair (Mud Lake) in August.</p>	<p>Work done by Gall, Mosher, Plummer and the total county staff.</p>
<p>To have pesticide sellers understand and promote the proper use of pesticides.</p>	<p>Calls were made on 20 pesticide dealers and about 25 potato growers to specifically discuss pesticide handling and usage. This work with dealers and growers was to provide information and get their suggestions on how we can more effectively provide them with such information.</p>	
	<p>Work with aerial applicators on the use of pesticides chemicals. Pesticides safe handling and storage exhibits used.</p>	

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
To conduct appropriate applied research with potato production problems. To utilize research findings effectively.	<ol style="list-style-type: none"> <li>1. <u>Minor Elements</u> - On Flaisted Soil for response to yield and quality - 2 locations northern Aroostook.</li> <li>2. <u>Phosphorous Rate Study</u> - Cooperate with Hugh Murphy - 2 locations northern Aroostook.</li> <li>3. <u>Undercutting</u> - Effect on yield, quality and speed of desiccation of tops.</li> <li>4. <u>Timek</u> - 7 plots - Aphid Control material for F.D.A. to test.</li> <li>5. <u>Seedlings</u> - Jack Cameron - B-5461-4; Prescott Dow - B-5267-2.</li> <li>6. <u>Irrigation</u> - Herschel Smith's Farm - New type for this area moved by tandem wheels across the field. Started operation July 1st. (during growing months in Aroostook, rainfall was around - 5.5C inches below normal.)</li> </ol>	<p>Week after undercutting higher Sp. Gravity.</p> <p>No better than present varieties they are growing.</p> <p>Checked yields on September 5th, 1968 with Herschel Smith. Sebago - 148 no set; Ontario - 230 bbls/A. Norgold 226 bbls/A. He feels that irrigation will increase yields significantly each year.</p> <p>Work done by Murphy's staff, Mosher, Chapman, Robinson, and Stiles.</p>
To provide assistance relative to soil compaction or "pudding" problems.	<p>Soil compaction is becoming a serious problem on a number of potato farms - particularly those located on flat, relatively stone free and "heavy" soils. Follow-up farm visits have been made and efforts set in motion to establish several basic research, experimental plots, in the spring of 1969, utilizing gypsum as a possibility in alleviating these conditions. Plans are to establish plots in problem areas where gypsum will be applied at 1000, 2000, 3000, and 4000 lbs. per acre. Adjacent check plots will be established. Officials of the U.S. Gypsum Co. have been consulted to secure their assistance.</p>	<p>Growers requests for assistance with soil compaction problems indicates good potential for effectiveness.</p> <p>Work done by Murphy, Mosher and Stiles.</p>

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
<p>To explore and test-out the possibilities of new supplemental crops for added sources of income for Aroostook County.</p>	<p>Ten pounds of Wild Rice seed was secured and distributed for planting in May at appropriate locations at Limestone, Caribou, Fort Fairfield and Presque Isle. Survival and condition of these plantings to be evaluated next year.</p> <p>About 500 fiddlehead roots were secured in June and transplanted at locations in Washburn, Fort Fairfield and Presque Isle (Libby Farm). These plantings to be evaluated in future years. The New Brunswick Dept. of Agriculture is also undertaking fiddlehead research studies. Some 1200 fiddlehead roots from Bridgewater were started by McCains Foods for experimental commercial plantings in 1968.</p>	<p>Interest on the part of some people in the potentials for wild rice and/or fiddlehead production, as supplemental sources of income, indicates good potential effectiveness.</p> <p>Work done by Rappaport.</p>

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
To teach clothing construction skills to homemakers which will increase their sewing proficiency and make better looking garments. Sew Right.	Unit I thru III Workshop Patten, Houlton, Sherman, Presque Isle 3 training sessions 46 women trained	Women who have never sewed are learning how to use machine, how to fit and make simple garments for thier families.  Work done by Ross & Oak.
	Head start mothers (low-income) 10 started - 8 completed garments	Leaders are trained to teach others.
	Unit IV Skirts workshop Patten - 10	
	Unit IX - Tailoring Fitting slacks Sherman 4 Benedicta 4-H 10 Houlton 12	Work done by Ross.
	Tailoring unit IX Workshop Sherman 6 4 series Houlton 32 2 series Presque Isle 30 30 suits or coats made at classes	Women have given help in specific problems that were brought to class. All agreed it was a helpful shop.  Work done by Ross & Oak
	Workshop - Do you have a sewing problem Houlton - 16 Presque Isle - 18	

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
To help girls choose suitable styles, materials and sizes and patterns. Also to see good construction techniques.	Katahdin Valley High 70 Houlton High 60 4-H girls 20 Presque Isle 75	Simplicity wardrobe was shown, girls were allowed to try on garments. Agent also discussed styles, materials, construction details. Girls showed much interest in all phases.  Work done by Ross and Oak.
To help homemakers learn to knit and to improve their present knitting practices.	22 leaders trained 8 community meetings held 157 attendance 3 4-H clubs taught knitting	Each one making samples for their classes was an effective teaching method.  Work done by Oak.
To develop construction skills which will result in more attractive garments to satisfy family needs.	Arrangements were made for inclusion of three Basic Clothing Construction sections as a part of the Adult Basic Education SAD #27. Two are being taught in Fort Kent and one in St. Francis: A local high school Home Economics teacher teaches one section; the other two sections are taught by former CES aides. Enrollment 42.  Arrangements were also made for the inclusion of two tailoring sections in the General Adult Education program of SAD #27; these are being taught by another high school Home Economics teacher. Enrollment 31.	For the first time Basic Clothing Construction and Tailoring classes are a part of the adult education curriculum of SAD #27. This was accomplished through the cooperation of the local school officials and the efforts of interested citizens, Northern Aroostook CES Advisory Council members, and the Extension Agent.  Some Extension materials are being used. Comments from class members indicate satisfaction with arrangements and real gratitude for the chance to take these courses.

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
	<p>At request of guidance instructor in Van Buren, the Extension Agent has advised and will continue to assist a low-income homemaker who is teaching a Head Start parents Basic Clothing Construction class.</p>	<p>Not enough time has elapsed to evaluate this procedure. 12 (c)                      Work done by E. Evans</p>
	<p>One Beginners Sewing class was held at St. Francis with an enrollment of 30.</p>	<p>Work done by M. Plissey. 12 (c)</p>
	<p>Two Beginners Sewing classes were taught to low-income homemakers by paid CES aides. Enrollment: Fort Kent - 15 and St. Agatha - 21.</p>	<p>The aides reported that all the robes were completed and were very attractive. Notes of appreciation were received saying that they were making use of the sewing techniques they learned.                       Work done by L. Pelletier, B. Cyr and M. Plissey 12 (c)</p>
	<p>Five homemakers from a housing development in Van Buren were taken on a field trip designed to help them learn to select fabrics.</p>	<p>Work done by M. Plissey 12 (d)</p>

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
To help homemakers more effectively plan clothing budget and use the money wisely.	6 leaders trained 4 community meetings held 54 attended	Pamphlet prepared by agent. Filmstrips by Sears and Household Finance used. Although women asked for this, I didn't feel that they were particularly interested.  Work done by Ross.
To help homemakers in better buymanship practices, especially of food.	5 community meetings 78 attendance	This was a continuing program from last year. Slides pamphlet and discussion were used as teaching methods. Work done by Ross & Oak.
	2 programs held for head start mothers Houlton attendance 10 Island Falls attendance 20 Subject matter also used in 2 radio talks	Work done by Ross.
To help homemakers have a better understanding of fibers, fabrics, and finishes so that they could more wisely select textiles and clothing for family.	28 leaders trained 15 community meetings 210 attendance Radio talks - 3	Filmstrips - Display of new material and garments to illustrate types of materials and finishes. Pamphlet prepared by agents. Kit of materials used in groups.  Work done by Ross & Oak.
To get homemakers to know what to look for in buying wooden and upholstered furniture and what makes the difference between cheap, moderate and high priced furniture.	6 leaders trained 4 community meetings 60 attendance	Pamphlet prepared by agent and studied before visiting a local furniture store. Salesman showed us examples of good, poor, furniture construction and materials. Women reported better understanding of what to look for in buying furniture.  Work done by Ross.

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
To provide information on buying rugs and carpets.	Several individual requests for information fulfilled. One radio program on this subject.	Individual work with women was effective because of selections made in rugs and carpets.  Work done by Oak.
To help community groups conduct better business meetings	21 groups represented by 50 women attending the training class	The agent prepared material according to Robert's Rules of Order for the training. A business meeting was demonstrated.  Work done by Oak.
To help acquaint people with the local situation in the use of Narcotics	10 community meetings with 170 attending. More meetings in 1969.	Ronald Lavway from Presque Isle Police Dept. who has received training on Narcotics presented the information and showed a kit of drugs.  Work done by Oak.
To understand Consumer Credit.	One area meeting - small attendance because of storm.	Excellent panel presenting consumer family credit. A banker, 2 lawyers, specialist and Extension Agent.  Work done by Schomaker, Wilson, and Oak.



Program Area: Family Relationships

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
To provide assistance to efforts for the handicapped.	For eye care and special services an Agent worked on rehabilitation of a recently blinded woman - how she could be helped financially and to function to her home through training. She presently received "talk books" and the necessary equipment to utilize these recordings through a local library. She has gained confidence now in doing things for herself.	The results of these efforts and methods were effective.  Work done by Oak. 12 (e)
To provide assistance and guidance to young families.	The majority of the 21 Extension groups worked with have members in young adulthood and are currently having their families. As an estimate 450 of these members are from young families. As an example, one group consists of all members of families living in mobile homes with their ages ranging between 19 and 30.  Head Start - 6 meetings - Houlton 2 meetings - Island Falls	Extension group activities are effective in providing the informational needs of many young homemakers on many subjects.  Work done by Oak & Ross. 12 (g)
To help parents of teenagers and in turn help teenagers to be more understanding.	The movie "Human Growth" shown to 38 teenagers and 25 parents.  A series of classes were held where films and the following topics were discussed: 1. Getting Along with Parents 2. Beginning to Date 3. Are Manners Important 4. Belong to a Group	Films, bulletins and reading materials made these meetings effective.  Work done by Oak and Central Aroostook Family Life Leader

Program Area: Family Relationships

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
To help parents receive information needed to acquaint their children with the facts of life.	Mrs. Joy Duvall Johnson talked with 25 interested young parents on Sex Education. 200 teenagers heard her speak at high school.	The Y.M.C.A. brought this noted speaker to the county.  Work done in cooperation with Oak & Y.M.C.A.
	Many committee meetings have been held with parents, teachers, and clergy to make plans to inform parents of how Sex Education can be taught in the school system of SAD #1.	These committee meetings have proved successful. 4 parent series are planned for 1969.
	Film strips previewed "Sex a Teenage Dilemma, Sex Education - U.S.A., Happily Married" and the movie "How Do I Love Thee."	Also a Sex Education Workshop for SAD #1 and other interested teachers in the area.  Work done by Rice and Oak.
	Sex a Teenage Dilemma film strip used as a basis for discussion in 5 community groups. Attendance 65.	Work done by Ross & Berce
To acquaint women with the physical and emotional changes in menopause	Change of Life bulletin presented to 4 community groups with discussion. Attendance 52.	Work done by Ross.
To help husbands and wives make more harmonious adjustments with one another in the family.	1 community meeting Attendance 25.	This meeting was effective because of the presentation and the discussion that followed.  Work done by Rice & Oak.
To improve understanding of the development patterns of young children.	Madawaska - A meeting was devoted to the topic of Mental, Social, and Physical Development of the 1-6 year Old Child. Attendance 51.	The lively discussion which followed indicated that the topic was pertinent and of concern to the parents of young children.

Program Area: Family Relationships

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
		The Family Life Committee assisted with the planning and promotion of this meeting together with M. Plissey and Rice. 12 (g)
	Fort Kent - A series of three meetings was held to consider the topics: 1. Childhood Disease - Att: 50 2. Preparing Your Child for School - Att: 50 3. Mental, Social, Physical Development of the Pre-school Child - Att: 40	The Fort Kent Family Life Committee assisted M. Plissey with the planning and promotion of this meeting.  Dr. R. Albert, Sr. Gloria Cuellette, Dr. F. P. Rice served as speaker. 12 (g)
	Served on Citizens Advisory Board Upward Bound	Work done by M. Plissey  M. Plissey - 15
	Participated in Van Buren School Board meeting regarding Year Round Head Start program.	M. Plissey - 15
To assist leaders in developing action programs to meet individual and community needs in aging.	6 meetings held with the Northern Maine Council on Aging. Those involved in the council are representatives of Y.M.C.A., CAAP, Independent Senior Citizens groups, and CES. County meeting held on Sept. 14 with 75 in attendance. S. Hyatt & Frema Grant were speakers and discussion leaders at county conference.	The effectiveness of this program is shown by the cooperation of all groups helping to promote senior citizen activities. Also the committee was increase by inviting the northern and southern Family Living Agents to be members. The third annual conference in Aroostook is also planned for Sept. 13, 1969 at the Caribou Methodist Church.
	Agent assisted with plans for a State Conference on Aging. 15 attended State Conference from Aroostook.	Work done by Oak, Hyatt, Grant, & Ross. 12 (h)

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
To coordinate activities with other agencies, departments and groups.	<p>Involvement with Senior Citizens groups in Presque Isle, Caribou, Ashland, Stockholm, Houlton, Mars Hill, Island Falls.</p> <p>2 meetings on "Food for the Mature Generation" Attendance 50.</p> <p>Professionals of other agencies, such as the Maine Dept. of Health and Welfare, Y.M.C.A., Social Security Admin., clergymen, teachers in the school systems, lawyers, bankers and artists all help to promote and expand Coop. Extension work in the Family Living program county-wide.</p>	Work done by Oak and Ross. 12 (i)
To provide assistance in the areas of the arts.	<p>Child Health Clinics: 4 in Mars Hill and 4 in other towns with 68 mothers interviewed.</p> <p>A "Patrons of Arts" group was advised and assisted in formulating a reorganization in Presque Isle. Many committee meetings were held and much planning went into this organization.</p>	Work done by Oak. 13 (b)
To emphasize and provide information on family emergency preparedness.	<p>7 communities in central Aroostook, with an attendance of 104, were taught the "First Aid" Course by qualified Red Cross instructors. One community with 18 people involved took the advanced course in "First Aid." Two communities received instructions on Home Preparedness from the Aroostook County Civil Defense Director.</p>	Work done by Oak. 13 (e)

Program Area: Home Management

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
To create an awareness of informational resources that Coop. Extension offices and Agents can provide.	<p>"Tips for Homemakers" a monthly newsletter is distributed to about 2500 homemakers in the county. Two hundred additional copies are provided the northern Aroostook office of the Dept. of Health and Welfare for distribution to low-income homemakers.</p> <p>Contacts with High School Home Economics teachers have made them more aware of available Extension resources.</p>	<p>Provides timely informatuon and is a contact with those who are already involved in Extension programs and also to a clientele not reached by other methods.</p> <p>Prepared by E. Evans, Oak, M. Plissey, and Ross. 13 (d)</p> <p>High school teachers have requested publications for use in teaching their high school age and adult students including Head Start parents.</p>
To help homemakers plan for and choose better lighting for their homes; and to make changes in their present lighting equipment that will be more pleasing and give "Better Light for Better Sight".	<p>8 leaders trained 5 community meetings 56 attendance Other meetings to be held next year.</p>	<p>Work done by E. Evans, Oak and Ross. 12 (i)</p> <p>Mrs. Harriett Lewin, Maine Public Service, prepared the subject matter, illustrative material and did the training.</p> <p>Women report that they have made changes such as putting, rearranging lights, height and position.</p> <p>Work done by Ross.</p>
To teach homemakers to re-finish old furniture by learning methods of removing old finish, sanding, types of finishes and how to apply new ones.	<p>3 workshops 19 attendance 25 pieces of furniture refinished.</p>	<p>Women learn by doing their own pieces of furniture and observing others work.</p> <p>Work done by Ross &amp; Oak.</p>

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
To teach young homemakers to make slip covers and re-upholster furniture.	21 women either made a slip cover or upholstered a chair or divan. 1 community meeting- attendance 18	Demonstrations and actual work on the chairs was an effective way of teaching. Work done by Lake and Oak.
To teach homemakers how to select a good knife and care for knives.	18 leaders trained 9 community meetings 123 in attendance	Knife kit, film and demonstrations were effective in teaching how to select a good knife. Work done by Oak.
To help families realize the importance of making a "Will"	3 community meetings 56 attending More meetings to be held in 1969.	Agent presented subject matter and used charts. The interest indicated that the method was effective. Work done by Oak.
To help homemakers learn how to care for furniture	10 leaders trained 4 community meetings held 74 attended	Demonstration and mimeograph material effectively taught the care of furniture. Work done by Lake and Oak.

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
To improve the nutrition of St. John Valley residents	Prepared a proposal for nutrition aides to work with donated food recipients and other low-income homemakers.	Awaiting approval. Work done by E. Evans 12 (c)
To provide information to help consumers solve immediate problems.	A number of individual requests for a variety of kinds of information have been answered.	Comments indicate that these persons found the answers useful and were grateful to have a place to go for answers or alternatives. Work done by E. Evans 13(d)
To provide the recipients of donated foods with information on the most effective use of these commodities.	Recipes for use of donated foods sent to town and city managers.	Community managers requested 1500 copies of recipes for distribution. Two towns asked for demonstrations on using these commodities. Work done by Oak. 12 (1)
Manage Your Way to Quicker Meals To help homemakers plan and prepare nutritious meals quickly	12 leaders trained 6 community meetings 75 attendance	Subject matter and recipe bulletin prepared by agent. Each group prepared a meal using methods and recipes. Women report suggestions help them organize their work to do it more quick and efficiently. Work done by Ross.

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
Casseroles - To help homemakers prepare nutritious casseroles and also to provide them with new recipes.	9 community meetings 120 attendance	Subject matter prepared by agent. Extension Women submitted recipes of favorite casseroles. Women report recipes have become favorites with their families.  Work done by Ross.
How well Does Your Family Eat?		
To help homemakers actually see where they are doing a good job in feeding family and how diets can be improved.	5 community meetings - 75 attended More will be held after Dec. 1	Group members figured a typical days menu - used in their family for Vitamin A - C Calcium and protein values. It was an enlightening exercise for them.  Work done by Ross.
Food for the Mature Generation		
To teach older people food needs, buying and methods of preparation.	2 community meetings with Senior Citizens Attendance 60	A film on Food Fads was shown. The demonstration on food preparation appealed to the older people. They were also pleased with recipes.  Work done by Gushee, Oak, & Ross.
Good nutrition for you and your family	Oakfield Health Council 15 4-H Club, Benedicta 15	Work done by Ross.



Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
To help homemakers use salmon in planning meals and the nutritive value of salmon.	24 leaders were trained from 15 communities 242 attended community meetings	Subject matter prepared by agent. Each group prepared a meal using salmon recipes.  Work done by Oak.
To help homemakers to do Outdoor Cookery more effectively.	21 leaders trained 201 attended 12 community meetings	How to buy chicken in the market, cut and prepare for a chicken barbeque was demonstrated. Also, wrapping food in foil was shown. Agent prepared subject matter.  Work done by Oak.
To help homemakers use Vegetables in various ways in planning family meals.	36 leaders trained from 19 communities 411 attended community meetings 3 radio talks	Nutritive value of vegetables and place in diet, quiz and vegetable dishes demonstrated & eaten were effective teaching methods.  Work done by Oak and Ross.
To add interest and variety to family meals.	A publication, <u>Favorite Recipes of Valley Homemakers</u> was prepared and distributed in time for the Christmas holiday season.  Served as commentator at Hospital Guild Style Show.	Work done by M. Plissey 12 (k)  Work done by M. Plissey.
To improve the nutrition of St. John Valley residents.	Nutrition classes were taught in seven towns in Northern Aroostook to 186 Head Start mothers.	The Head Start mothers seemed to realize that they are responsible to a great extent for the health of family members and that health can affect the children's progress in school.  Work done by E. Daigle 12 (c)

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<u>Objectives</u>	<u>Results or Progress</u>	<u>Effectiveness of Methods and Staff Involved</u>
	A lecture on Nutrition was given to a class of 70 boys (about 19 years of age) at Fort Kent College.	Work done by M. Plissey 13 (a)

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
<p>To develop the reading habit and love of books to add richness to everyday living.</p>	<p>21 Extension groups held meetings or readings giving book reviews and discussing books. Total attendance 312.</p>	<p>Work done by Oak.</p>
	<p>Community librarians made up suggested reading lists.</p>	
	<p>A Central Aroostook Committee is promoting the project and made a "reading" folder for 1968 and 1969. Indications are that this effort will be a continuing one.</p>	<p>The continued request over a period of years for this kind of list is evidence that it fills a need.</p>
	<p>A list of new books for National Library Week was prepared in cooperation with the Fort Kent librarian for distribution.</p>	<p>Work done by M. Plissey.</p>

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
<p>To assist organized women's Extension groups in being an effective means of disseminating Extension educational information.</p>	<p>In southern and central Aroostook, these groups and councils are the cooperative organizations through which Agents work in training leaders to teach in the communities. These groups present information in various fields of Home Economics and related areas. The Agents also teach subject matter in Home Economics and related areas directly to these groups.</p> <p>These groups also have special projects. Some of these are:</p> <ol style="list-style-type: none"> <li>1. International - This year Puerto Rico was studied in 35 groups attended by 420 women.</li> <li>2. Safety - a monthly newsletter by a safety leader in Central Aroostook goes to 42 leaders.</li> <li>3. A "Let's Read" project is developed by a committee in central Aroostook and reaches all ages.</li> <li>4. Health and Community service activities.</li> <li>5. County meetings, spring and fall, are held with attendance of some 400 women in the two areas.</li> </ol>	<p>These two areas of the county have 37 groups with a membership of 1500 women.</p> <p>Work done by Cak and Ross.</p>

Program Area: Leadership Development

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
To have leaders to increase in numbers and quality.	Club activities in the areas of arts, crafts, drama, photography and physical education involved new 4-H leaders and different youth.	Interest in newer areas for leadership and involvement indicates good potential.
To provide young people with opportunities to develop their leadership ability.	The Bon Air Wives 4-H Club involved several wives of servicemen to help youth in their locality. Schools became quite interested in drama project work.	Work done by Rappaport.
To provide for the development of "leader trainers" and the provision for training for new and experienced leaders.	The presentation of 4-H Clubs demonstrations and contest events such as Style Dress Revues, Favorite Foods Contests, and Achievement Nights provide youngsters with opportunities to develop their leadership skills and to get public recognition for this leadership.	Interest in 4-H Club demonstrations and contest events indicates good effectiveness. Work done by Ross, Oak, Berce, Rappaport, R. Evans and Sweetser.
To provide that State, Regional and National youth events be available as educational activities for Aroostook County youth.	As the result of several conferences, it seems reasonable that some additional interested adults will afford leadership to the Youth Development Program.	To date only the existing 4-H Clubs have made plans for activities during the coming year. Considerable increase in 4-H Club membership is anticipated. Work done by R. Evans.
To provide for encouragement and incentives to all youngsters involved with 4-H Club work.	See "Science and Tech." program area Southern Aroostook contests in demonstrations were conducted without ribbon awards.	Work done by Berce and Rappaport. No youngster was singled out as being second or third rate, but ability and work was recognized. Work done by Berce.

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
	<p>Older youth conference, at the Univ. of Maine was offered to primarily 4-H'ers throughout the county.</p>	<p>15 delegates attended and there were slots for more to have attended. Timing of event may have had some effect on attendance. Work done by Berce and Rappaport.</p>
	<p>National Awards Program competition at Univ. of Maine provided opportunity for 7 older 4-H'ers to be selected for oral interview.</p>	<p>2 members selected as state winners- both won trips to 47th National 4-H Club Congress at Chicago.</p>
	<p>Four new 4-H Clubs established in Southern Aroostook. A horse club, two school clubs, and a girl's club.</p>	<p>New clubs largely the result of parent and teacher interest.</p>
	<p>Five new 4-H Clubs began in central Aroostook. Two arts and/or crafts clubs, one low-income group club and two conventional clubs.</p>	<p>Work done by Berce and Rappaport.</p>
	<p>One new 4-H Club in northern Aroostook. This additional club replaced a previous one.</p>	

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
<p>To provide for young people and parents to understand employment trends, educational and training needs and opportunities, and availability of financial assistance.</p>	<p>A central Aroostook 4-H Style Dress Review was held in April. Made arrangements for showing of Simplicity Wardrobe for two area Home Economics classes and area 4-H clothing members and parents.</p>	<p>Work done by Oak &amp; Rappaport.</p>
<p>To provide for opportunities to change the life patterns of some of the county's more deprived youth.</p>	<p>The fourth annual southern Aroostook 4-H Camping Trip was carried out in July. Parents, members and guests toured a lumbermen's museum and a modern lumber mill; stayed overnight at a remote, private campground; visited a historic site; visited the site of a proposed regional hydro-electric project; and toured the facility used for a county conservation-education camp.</p>	<p>Work done by Oak, Berce &amp; Ross.</p> <p>Leaders and members have requested a continuation of this activity for four consecutive years.</p>
<p>To have young people of various ages and economic levels to learn skills and explore areas of learning in addition to those offered in the formal school situations so that they may be better equipped for adult living.</p>	<p>The fourth annual southern Aroostook 4-H Camping Trip was carried out in July. Parents, members and guests toured a lumbermen's museum and a modern lumber mill; stayed overnight at a remote, private campground; visited a historic site; visited the site of a proposed regional hydro-electric project; and toured the facility used for a county conservation-education camp.</p>	<p>Work done by Berce.</p>
<p>To train youth in allocation of their resources.</p>		
<p>To have Aroostook County youth aware of educational and vocational opportunities.</p>		

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<u>Objectives</u>	<u>Results or Progress</u>	<u>Effectiveness of Methods and Staff Involved</u>
To provide for young people to apply the principles of economics to improve their competence as consumers.	Youngsters provided with consumer information and experiences through 4-H Club projects and the keeping of records associated with this youth project work.	Work done by Berce and Rappaport.



Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
To provide for young people to discover scientific principles through experimentation and research.	Special session was arranged for southern Aroostook 4-H leaders, parents and members who are vegetable-garden-project-oriented onpossibilities for meaningful experimentation. Subject matter presented by Agent Rappaport.	A better understanding developed among leaders, parents, and youth involved.  Work done by Berce and Rappaport.
To develop understanding of and interest in scientific principles.	Special session arranged for southern Aroostook leaders with a representative of a regional electric company resulted in inovative presentations at favorite project and demonstration contests.	Good effectiveness of this approach with leaders. Work done by Berce.

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<u>Objectives</u>	<u>Results or Progress</u>	<u>Effectiveness of Methods and Staff Involved</u>
To provide for youth to learn the values of accurate and complete reporting and record keeping through 4-H Club projects.	4-H Club project record forms and guidelines are provided for most all youth project activities. Record keeping of Club project activities receives much emphasis during a Club year's work. Completed records are required to get official credit for members completion of project activities.	4-H Club record keeping procedures are effective in demonstrating the importance of records to Club members.  Work done by Berce and Rappaport.

Program Area: Special Youth Programs

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
To provide 7th and 8th grade level county youth with an educational and social summer camping experience within Aroostook County. This is to be undertaken in the way of an "Aroostook County Conservation-Education Camp" activity on a trial basis in 1968.	<p>An "Aroostook County Conservation-Education Camp" was operated for 2 weeks in August at Camp Karawanee on Mud Lake in Sinclair. Forty girls participated the first week and sixty boys the second week. The camp was operated with a full-time hired director, assistance from state and federal resource agency personnel and catered food service for about \$25.00 per camper. One Extension Agent hired the director, developed weekly schedules, etc. Several Extension staff members worked in securing financial support.</p> <p>Campers received instruction in soils, hunter safety, forest management, geology, pesticides, fisheries, wildlife, wild flowers and wild plants plus recreational activities. Plans are underway to expand the camp activity to 4 weeks in 1969, if possible.</p> <p>Youth from all sections of the county participated.</p>	<p>Enthusiasm by the campers and favorable comments from many of the resource agency people involved indicates good effectiveness.</p> <p>Work at the camp undertaken by Berce and Rappaport. Berce performed the key role in this activity for the county Extension staff. Gall and Bissell helped with instructional sessions.</p> <p>Whitney, Oak and Sweetser provided support.</p>
To provide for greater opportunities for employment and training of county youth.	Extension participated in a county "Youth Opportunities United" committee effort.	<p>Interest in YOU program indicated good effectiveness.</p> <p>Work done by Sweetser.</p>
To provide new and expanded youth project materials and youth learning experiences.	Project materials in the areas of embroidery, arts, crafts, drama, puppets, photography, music, play reading and physical education developed this past year.	<p>Interest of several people to provide adult leadership and youth involvement in new areas of activities indicates good potential.</p> <p>Work done by Rappaport.</p>

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
	<p>A Mapleton Arts and Crafts 4-H Club active in 1968 with emphasis on embroidery project work. Arts 4-H Clubs at Presque Isle, Washburn, and Limestone active this past year. A "4-H Art Club TV Show" presented in May.</p> <p>Photography Clubs were active in Presque Isle and Madawaska.</p> <p>A "Drama Workshop" involving 35 teachers was held in April to stimulate drama in education projects in the schools. Drama Clubs were active in Presque Isle and Limestone.</p> <p>Puppet plays were produced at schools in Mapleton and Washburn.</p> <p>A radio drama program was produced at WSJR Radio.</p> <p>A "Music and Movement Program" was worked on.</p> <p>French play reading was planned for.</p>	
<p>To reach and involve new youth with a special effort in the Houlton area.</p>	<p>Through the directed efforts of a college work study aide, two sessions a week for up to 24 previously unreached youth were conducted for 4 weeks. It was not possible to involve girls in this first effort (they appeared not to be interested). Boys were not particularly interested in educational programs, but seemed to find supervised sports activities to be meaningful. The purchase of a small amount of equipment, the free use of a vacant lot in a borderline slum area of Houlton combined the physical necessities for this experiment.</p>	<p>Some new youth reached and involved in youth activities. Additional information provided to these youth.</p> <p>Work done by Berce.</p>

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
To assist with Maine Rural Youth Corps training and to provide assistance to RYC efforts in Aroostook County.	Attended final 2 <sup>1</sup> / <sub>2</sub> days of RYC training session at So. Campus of the Univ. of Maine in Bangor to develop an acquaintance with personnel to be working in Aroostook. Developed an understanding of the function and purpose of the project.	Potential effectiveness of Maine's 5 RYC workers in Aroostook is good.  Work done by Berce.
To provide youth information to schools.	Career booklets and leaders guides made available to seven junior-senior high schools, as were directories of higher education in Maine.	Some schools used considerable quantities of these materials.  Work done by Berce.
To inform and expose county residents to the International Foreign Youth Exchange program.	Returned IFYE delegate Karen Martikainen was scheduled at 2 social studies classes at Houlton Jr.-Sr. High School; a general assembly at East Grand High School; the Houlton Senior Citizens; a general meeting of So. Aroostook 4-H leaders, parents, member and guests; and other groups in Presque Isle, Van Buren and Eagle Lake.  An area veterinarian and family were hosts for IFYE delegate Rafael Garcia from Venezuela in Sept. Garcia was accompanied to assemblies at Island Falls High School, Katahdin High School and an older 4-H group at Houlton by members of the host family.	Interest in IFYE program indicates good effectiveness.       Work done by Berce and Rappaport.
To receive information to strengthen youth activities in Aroostook County.	Attended the 1968 annual meeting of the New England 4-H Club Agents Assoc.	Assembled considerable information on fund raising. Work done by Berce.
To provide assistance with the sex education needs of youth.	A "Sex-A Moral Dilemma for Teenagers" film shown to the Linneus 4-H Club and a group of southern Aroostook older 4-H members.	A greater amount of self-responsibility was promoted as well as a changed understanding of adults.  Work done by Berce and Ross.

## PROJECT VII - PUBLIC AFFAIRS AND COMMUNITY RESOURCE DEVELOPMENT

Program Area: Community Resource Development

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
To provide for better working relationships, coordination and skilled assistance to the St. John - Aroostook Resource Conservation and Development Project.	<p>One full time agent was added to the staff to work primarily with the RC&amp;D project. Follow-up contacts have been made with towns that have project measures and leaders have been provided with educational assistance in methods of citizen involvement. Limestone has been one of these towns where the people are being assisted in making plans for a town recreation area.</p> <p>Steering committee members who in the past have shown a decline in interest have been called upon by the agent to build up their interest.</p> <p>An Aroostook County Patron of the Arts Association has been formed with temporary officers and shows promise of expanding into a worthwhile endeavor.</p> <p>Agent is working closely with the RC&amp;D Project Coordinator and all agencies involved to promote good working relationships and to forward the program for the good of the total project area.</p> <p>One agent and temporary chairman of Patrons of Arts group participated in meeting at U. of M. concerning possible coop. development on a state-wide basis.</p>	<p>Leaders in Limestone recognize the need for more involvement by the general citizenry. Steering committee members are attending meetings and taking active role in the conduct of the business.</p> <p>Work done by Sweetser, Oak, and Whitney.</p>

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
<p>To provide for Aroostook County people to improve community situations that they believe could be more desirable.</p>	<p>A monthly "RC&amp;D Newsletter" goes to 550 people with Extension assistance.</p>	<p>The request for assistance by community officials, community planning boards and various community and multi-community groups and organizations indicates good effectiveness in the approaches to work with these efforts and help to provide needs.</p>
<p>To have Aroostook County people mobilize the resources available to them for effecting constructive economic and social change.</p>	<p>In an effort to assist individual communities and groups of neighboring communities with planning and development activities, the following are examples of work undertaken this past year: A meeting with Island Falls selectmen and planning board members to discuss effective utilization of a recently completed comprehensive town plan; a meeting with Woodland selectmen to discuss town needs and problems; four meetings at Stockholm with selectmen, interested citizens and PTA group to discuss town needs and problems; a meeting with Blaine selectmen to discuss needs and problems; a meeting with the Monticello Kiwanis Club to discuss needs and problems; a meeting with the Madawaska town council to discuss needs and problems; a meeting with Westfield citizens to discuss needs and problems (especially a swimming pool); a meeting with Sinclair citizens to discuss needs and problems (especially sewage disposal); several meetings with citizens from Weston, Orient, Bancroft and Wytovitlock with Washington and Penobscot county towns to help form a Tri-County Development Assoc. to work on the general area needs and problems (especially recreations and health services problems); a meeting with St. Agatha</p>	<p>Work done by Berce, Chapman, R. Evans, Oak, Whitney, and Sweetser.</p>
<p>To have Aroostook communities develop their human leadership resources and natural resources.</p>		

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
Aroostook people to become more aware of the need for and importance providing community recreation facilities.	selectmen to discuss needs and problems (especially recreation and sewage needs); a meeting with Fort Fairfield, Easton, Mars Hill and Westfield representatives to discuss planning and election of a representative to the No. Maine Reg. Planning Comm. board. Much assistance was provided with organization, technical help, sources of financial help and general encouragement or stimulation.	Many requests for planning help and other assistance indicates very good effectiveness.
To increase people's understanding of the role of recreation and tourism as economic and social factors.	Community recreation facilities and services planning provide to many towns, including: Houlton, Mars Hill, Island Falls, Masardis, Portage Lake, Eagle Lake, Fort Kent, Limestone, Frenchville, Van Buren, St. Agatha, New Sweden, St. Francis and Caribou.  Assistance provided to several private recreation enterprises. The roles of recreation discussed on radio programs and in news releases.	Work done by Monticello, Berce, Whitney and Sweetser.
To help provide Aroostook County with active and effective planning at all levels from community to county-wide.	Only about 20 of the 70 communities in the county have community planning boards and some of the current 20 boards are not active. Efforts are underway to have active community planning boards in a majority of the county's communities next year. Local planning board members from Madawaska, Ashland, Portage, Caribou, Limestone and Presque Isle participated in a 10-week "Local Planning" course in April to June 1968. Planning boards members have indicated desires for further assistance.	Expressed interests from a few community planning boards indicates the need and potentials for good effectiveness of more efforts along these lines.
To coordinate all Aroostook planning efforts well with state-wide and neighboring Canadian efforts.	Only about 20 of the 70 communities in the county have community planning boards and some of the current 20 boards are not active. Efforts are underway to have active community planning boards in a majority of the county's communities next year. Local planning board members from Madawaska, Ashland, Portage, Caribou, Limestone and Presque Isle participated in a 10-week "Local Planning" course in April to June 1968. Planning boards members have indicated desires for further assistance.	The active and progressive efforts and activities of the No. Maine Regional Planning Commission displays good effectiveness.



Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
	<p>One Extension Agent serves as the secretary of the No. Maine Regional Planning Comm. (county wide) and participated in six meetings of the directors of this Commission in 1968.</p>	<p>The fact that the NMRPC directors and CRANO directors plan to meet semi-annually in the future indicates good effectiveness of this effort.</p>
	<p>Support is provided to the Aroostock County Chambers and Associate efforts.</p>	<p>Work done by Whitney, Berce, R. Evans, and Sweetser.</p>
	<p>Efforts were carried out to provide for a joint meeting of the No. Me. Reg. Planning Comm. and a similar type planning organization in northern New Brunswick Province, called CRANC, in October.</p>	
<p>To continue and strengthen the cooperation between the Extension staff, other segments of the U. of M., state departments and federal agencies active in Aroostock County.</p>	<p>Extension Agents serve as secretaries of three Technical Action Panel (TAP) efforts in the county. These TAP meet monthly to discuss and formulate actions to help with needs and problems. Activities underway on such efforts as donated foods distribution, recreation needs, health service needs, housing for low-income families, business assistance, etc.</p>	<p>Interest and activities of 3 county TAP's indicates good effectiveness.</p>
<p>To fully utilize federal and state programs to further community and resource development.</p>	<p>Efforts are underway to assist with pollution control of the county's watersheds, needed service for the mentally retarded, expanded potato processing facilities, transportation facilities and services, better forestland resources utilization, etc.</p>	<p>Interest and activities on several major county-wide problems indicates good effectiveness.</p> <p>Work done by Montville, Bennett, Berce, Cak, Whitney, R. Evans, E. Evans, and Sweetser.</p>

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
To provide assistance to county business and industrial development efforts.	Two agents participated in a follow-up of a "Seminar for Change" conference in New Hampshire.  One Agent, along with several others industrial development interests in the county, participated in a "Maine Industrial Development Seminar" in April.	Interest in and requests for assistance by industrial and business interests indicates good effectiveness.
To assist with all efforts to improve the Northern Aroostook County economy.	Efforts continue to assist county wood using industries with their needs.  Work was undertaken with the management of the Birds Eye Div. of General Foods at Caribou to provide assistance with employee motivation efforts in October. These efforts still in progress.	Work done by Sweetser.
Cooperative efforts with USDA and State Agencies.	We are at present, in the exploratory state with various organizations (local, county, state, and national) to determine how programs can be effectively utilized to afford the greatest benefit in Northern Aroostook County.  Developing a "directory" of all government agencies (local, county, state, and federal) in cooperation with the Northern Aroostook Technical Action Panel.  Arranging a course in woodland management to be taught by State Forestry Personnel. This came about as a result of conference with Soil Conservation Service staff members.	Cannot be determined at this time.  Work done by E. Evans and R. Evans.  In development stage at the present time.  Work done by E. Evans and R. Evans.

Program Area: Community Resource Development

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
	A "Southern Aroostook Technical Action Panel Agency Directory" was developed and distributed to all communities, organizations and groups in summer 1968.	Acceptance of this "directory" of available governmental services indicates good effectiveness. Work done by Berce and Ross.
	A coordinated effort is being made by the Northern Aroostook Technical Action Panel to intensively study the housing situation and alternatives available for the region of the county.	Work done by Smith, Warner, E. Evans and R. Evans.
	With other members of the Southern Aroostook Technical Action Panel, participated in an informational meeting with Town of Amity officials and citizens.	Work done by Berce.

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
<p>To provide for Aroostook County people to better understand their social, economic and political environment.</p> <p>To have Aroostook people aware of current taxation problems.</p>	<p>An "Aroostook County Government" publication was prepared in June 1968 and several hundred copies were distributed to legislators, county government officials, community officials, schools, public libraries, etc.</p> <p>A "The Property Tax- Aroostook County" publication was prepared in October 1968. Some 1000 copies have been distributed to officials of all levels of county government, development groups, planning boards, community managers, etc.</p>	<p>Requests for and favorable comments about "Aroostook County Government" and "The Property Tax-Aroostook County" publications indicates good effectiveness.</p> <p>Work done by Dearborn, Whitney and Sweetser.</p>
<p>To have Aroostook people better able to develop action programs to meet individual and community needs.</p>	<p>The Maine Community Betterment program is being encouraged and promoted. Caribou, Presque Isle, Madawaska, and Fort Fairfield enrolled to date.</p>	<p>The fact that no small communities are enrolled in the Maine Community Betterment program indicates limited effectiveness to date.</p> <p>Work done by Whitney &amp; Sweetser.</p>
<p>To have more Aroostook people aware of the need for beautification programs. To have Aroostook communities to improve their environments.</p>	<p>"Tidy's Tidings" a coordinated Extension and Keep Maine Scenic Div. newsletter is mailed periodically to 500 people in the county. (Several activities to landscape public buildings in several towns are detailed in the Home Ground Improvement program area of this report.)</p> <p>Beautification activities have been the subject of several radio programs and news release. Many Aroostook County communities annually participate in clean-up, fix-up and paint-up campaigns.</p>	<p>Requests for and comments about "Tidy's Tidings" indicates good effectiveness of this publication.</p> <p>Community interests in beautification activities indicates good effectiveness.</p> <p>Work done by Wyman, Dearborn and total Extension Agent staff.</p>

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
To coordinate with and assist with county promotional and development activities.	<p>Fort Fairfield received state-wide recognition recently for an outstanding community clean-up campaign. Many groups and organizations have shown interest in community beautification efforts.</p> <p>Extension staff meets with and provides informational assistance, etc. to the "Aroostook County Chambers and Associates" organization. Information and assistance was provided to eleven local Chambers of Commerce and several local development groups. Information was provided to the No. Me. Regional Planning Comm. to help with data for a community profiles project.</p>	<p>Interest in county planning, promotional and development activities indicates good effectiveness.</p> <p>Work done by Whitney &amp; Sweetser.</p>
To assist with arrangements and programs for visiting organizations and groups.	<p>Assistance provided for a tour for three hundred participants in a North-east Soil and Water Conservation District Supervisors meeting in July.</p> <p>A program provided for 40 women associated with an American Society of Agronomy meeting in July.</p>	<p>Comments indicate good effectiveness.</p> <p>Work done by Whitney and Sweetser.</p> <p>Work done by Oak.</p>
To help provide information on the usage of and harmful effects of narcotics.	<p>Women's Extension groups active in receiving information on and disseminating information about narcotics and drugs.</p>	<p>Interest indicates good effectiveness.</p> <p>Work done by Oak.</p>
To help with information and assistance for the county's senior-citizens.	<p>Considerable assistance provided to have an effective "Second Annual Older Adult's Conference" in Presque Isle in September. Extension staff involved in the planning</p>	<p>Participation and interest indicates good effectiveness.</p> <p>Work done by Hyatt and Oak.</p>

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
To assist with activities and information to help low-income families.	<p>program presentations for the conference. The conference was a coordinated effort between Extension, the Older Americans Act, O.E.O., Community Action Agencies, YMCA and individual senior-citizen organizations. 100 citizens county-wide attended. Efforts coordinated with the No. Maine Council on Aging.</p> <p>Continual efforts underway by several staff members to coordinate activities with the St. John Valley Action Council and the Central Aroostook Action Program. One Agent participated in a 9-week continuing education course CSE36 entitled "Property in Affluence," funded under Title I of H.E.A.</p>	<p>Interest and activities indicates good effectiveness.</p> <p>Work done by Berce, Ross, Oak, Whitney, M. Plissey, R. Evans, E. Evans, Rappaport and Sweetser.</p>
To assist with efforts for better sex education programs for Aroostook County.	<p>Agents involved in providing information and assistance to SAD #1, Van Buren and other school systems to bring sex education courses into high schools.</p> <p>Agents worked with ETV staff to have county people preview a "Sons and Daughters" 5-program series to be shown on ETV in Jan., 1969. Twenty-three attended November preview showing to discuss the possibility of local discussion groups based on the series showings, etc.</p>	<p>Interest and activities indicates good effectiveness.</p> <p>Work done by Rice, Ross, Berce, Oak, E. Evans, M. Plissey and Sweetser.</p>

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
	One Agent participated in a state-wide Maine Property Tax Conference in Sept.	Work done by Sweetser.
	The Univ. of Maine honored True Sleeper of Sherman Mills as an Outstanding Farmer at the annual University Open House in April.	
	Extension cooperated with the American Wool Council and Sheep Breeders Assoc. in promoting and organizing a "Make It Yourself with Wool" contest for Aroostook girls age 10 through 21. Twenty-seven girls enrolled in the program and 22 girls entered the county contest competition. Eighty-seven adults attended the competition. The two top winners will go to a state contest in Dec. This activity will be repeated in 1969.	Interest and participation indicates good effectiveness.  Work done by Oak.
To assist public libraries with information and organizational needs.	A graded list of new Library books was prepared in Cooperation with the Fort Kent librarian for distribution during Children's Library Week.	The continued request over a period of years for this kind of list is evidence that it fills a need. 12 (i)
	CES publications have been provided the library.	The librarian reports that a number of people have made use of this CES bulletins. 12 (i)
To provide other agencies with informational needs.	Bulletins have been placed on Fort Kent FHA display rack.	Not enough time has passed for evaluation to be valid. 12 (i)
	House plans requested by FHA representative have been provided.	Cooperative with other agencies is an effective way of reaching additional clientele. 12 (i)

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
To assist county arts and crafts organizational plans.	Assistance was given in making arrangements for a meeting of Northern Aroostook people interested in the formation of an organization of Patrons of Arts in Aroostook County.	Evidence of interest was evinced and an organization has now been formed. 23 (f)
To assist with senior citizens efforts.	Assisted in planning for state-wide <u>Community Leaders in Aging Conference</u> .  Serve on Board of Northern Maine Council on Aging.	One representative from Northern Aroostook attended the conference. 12 (h)  Involvement too recent to make evaluation. 12 (h)
To develop an understanding of human sexuality and better communication between parents and children on this aspect of life.	Seven representatives from Northern Aroostook attended the ETV pre-viewing of the sex education series.	The representatives thought the series was well done.  As soon as notification of dates programs will be shown. Decisions regarding methods to be used in encouraging use can be implemented. Madawaska Family Life Committee and other representatives plan to help with the promotion. 12(i & k)  Work done by E. Evans.
To provide assistance to the senior-citizens of southern Aroostook.	Cooperation with Central Aroostook Action Program personnel and two Extension Women's groups to assist in opening 2 senior citizen's centers at Houlton and Island Falls. Participated in several subsequent senior citizen meetings. Assisted with planning state conference on aging workshop.	New groups and people now have additional knowledge of available information and assistance.  Work done by Berce and Ross.



Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
To provide owners and builders with technical information and assistance in producing more livable houses, which give the best possible values for the investments.	Information on low-cost housing was presented to the Central Aroostook Technical Action Panel members.	Sub-committee is still active and is gathering material which may be used later.
To provide for special study and technical knowledge for building activities for low-income families.	A T.A.P. sub-committee was set up to investigate low-cost housing.	Work done by Oak and Whitney.
	Two agents attended conference in N.H. on housing and attended one day conference in Augusta on housing.	
	There is some interest in Aroostook in the construction of lower cost homes in a pre-fabrication mill. This will be followed up to check out the feasibility.	
c	Assisting in developing programs for low-cost housing with other agencies at the Technical Action Panels in southern and northern Aroostook.	Interest to undertake activities in low-income housing indicates good effectiveness.
		Work done by Berce, E. Evans, and R. Evans.

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
To develop in Aroostook citizens an understanding of fire hazards, fire prevention and escape from fire.	Safety information and printed materials provided to groups and organizations. Response to requests for informational materials. (see Forestry program area for efforts with woods industry safety activities)	Response and support for well planned safety activities indicates good effectiveness.
To understand farm and home equipment hazards and precautions for safe operation.	Special efforts underway in 1968 to have an effective program to prevent farm accidents, particularly during the harvest season. Meetings held with labor organizations, farm equipment dealers and farmers to develop an effective farm safety program. Plans now underway to provide a more effective county farm safety program in 1969.	Special interest on the part of many key farm and allied industry leaders, to have a hard-hitting farm safety campaign in 1969, indicates a good potential for good effectiveness. Special farm safety program planning undertaken by Lane and Area Potato Specialists.
To have Aroostook citizens understand safety precautions to use during seasonal and holiday activities.	Season and holiday safety considerations given timely information.	Work done by Lane and the total county staff.

Objectives	Results or Progress	Effectiveness of Methods and Staff Involved
To develop in Aroostook County citizens an understanding of the need for preparedness to survive man-made or natural disasters.	Coordinated activities with a county USDA Defense Board. Agent participation in bi-monthly Defense Board meetings and periodic C.D. exercise alerts.	Interest of county C.D. organization in information indicates good effectiveness.
To provide for an understanding of fallout radiation and the requirements of protective shelters for man and animals.	Activities coordinated with county C.D. Director and C.D. Information Officer.	Good participation in county USDA Defense Board meetings indicates good effectiveness.
To have an understanding by citizens for intelligent action in time of disaster and to take steps to encourage residents to prepare for emergencies.	Information released on the protection and use of livestock and crops in the events of an emergency. Use of C.D. materials for meeting displays, etc. Information on family survival planning and protection distributed.	Response of citizens to a family shelter survey indicated good interest.
	Extension staff provides a county Defense Board member and alternate member.	
	Distribution of periodic "Rural Civil Defense Newsletters."	Work done by Lane, Sweetser and Robinson with total county staff involved.

