

No. *Mr. John Ahern* From *1941* To *Subject*

*[Lanor Co]
Churchill Co*

ANNUAL REPORT

JOHN AHERN

1941

AC 0089/1/71

"GRIP"

"Reg. U. S. Pat. Off."

**INDIVIDUAL BINDER
FAVORITE SERIES**



"Made in U. S. A."

COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS

U.S. Department of Agriculture
and State Agricultural Colleges
Cooperating

Extension Service
Washington, D. C.

COMBINED ANNUAL REPORT OF COUNTY EXTENSION WORKERS

This report form is for use by county extension agents in making a combined statistical report on all extension work done in the county during the year. Agents resigning during the year should make out this report before quitting the service.

State _____

County Kander

REPORT OF

(Name) Home Demonstration Agent.

From _____ to _____, 194

Assistant Home Demonstration Agent.

From _____ to _____, 194

4-H Club Agent.

From _____ to _____, 194

John P. Ahern
Assistant County Agent in charge of Club Work.

From Nov. 1, 1940 to Oct. 31, 194 1

Paul L. Maloney
Agricultural Agent.

(Except Dec., Jan., & Feb.,)
From Nov. 1, 1940 to Oct. 31, 194 1

Assistant Agricultural Agent.

From _____ to _____, 194



READ SUGGESTIONS, PAGES 2 AND 3

Approved: _____

Date _____

State Extension Director.

AC 0089 / 1 / 71

SUGGESTIONS RELATIVE TO THE PREPARATION OF THE COUNTY EXTENSION AGENT'S ANNUAL REPORT

The annual report should be a summary, with analysis and interpretations, for presentation to the people of the county, the State, and the Nation of the extension activities in each county for the year, and the results obtained by the county extension agents assisted by the subject-matter specialists. The making of such a report is of great value to the county extension agents and the people of the county in showing the progress made during the year as a basis for future plans. It is of vital concern also to the State and Nation as a measure of rural progress and a basis for intelligent legislation and financial support of extension work.

At least four copies of the annual report should be made: One copy for the county officials, one copy for the agent's files, one copy for the State extension office, and one copy for the Extension Service, United States Department of Agriculture. *The report to the Washington office should be sent through the State extension office.*

STATISTICAL SUMMARY

Where two or more agents are employed in a county they should submit a single statistical report showing the combined activities and accomplishments of all county extension agents employed in the county during the year. Results obtained through assistance rendered agents by specialists should also be included. This report shows, insofar as possible, the part each agent has taken in forwarding the extension program. The county totals should be the sum of the activities and accomplishments of individual agents *minus duplications due to two or more agents participating in the same activity or accomplishment.* The county totals, when properly recorded, show the progress made in the county during the year in forwarding the entire extension program. Negro men and women agents should prepare a combined statistical report separate from that of the white agents.

The statistical summary should be a report of this year's activities and results that can be verified by records on file in the county office. Where records are not available careful estimates are desired. Such estimates should be marked "Est."

NARRATIVE SUMMARY

A separate narrative report is desired from the leader of each line of work, such as county agricultural agent, home demonstration agent, boys' and girls' club agent, and Negro agent. Where an assistant agent has been employed during a part or all of the year, the report of his or her work should be included with the report of the leader of that line of work. Where an agent in charge of a line of work has quit the service during the year, the information contained in his or her report should be incorporated in the annual report of the agent on duty at the close of the report year, and the latter report so marked.

The narrative report should summarize and interpret, under appropriate subheadings, the outstanding results accomplished and the extension methods used for each project. Every statement should be clear-cut, concise, forceful, and, where possible, reenforced with necessary data from the statistical summary. Use a descriptive style of writing, giving major accomplishments first under each project. Give extension methods fully relating to outstanding results only, and where practicable illustrate with photographs, maps, diagrams, blueprints, or copies of charts and other forms used. Full credit should be given to all cooperating agencies. The lines should be single-spaced, with double space between the paragraphs and reasonably good margins. The pages should be numbered in consecutive order.

The following outline is merely suggestive of how the narrative report may be clearly and systematically presented. Each agent should prepare an outline to fit the situation and the work to be reported.

SUGGESTIVE OUTLINE OF ANNUAL NARRATIVE REPORT

- I. Cover and title page.
- II. Table of contents.
- III. Summary of activities and accomplishments, preferably of one or two typewritten pages only, placed at the beginning of the narrative report.
- IV. Changes in county extension organization made during the year to improve regular procedures or to meet emergencies.
- V. County extension program.
 - (1) Problems determining extension program.
 - (2) Influence of State and National agricultural agencies operating in county upon extension program.
 - (3) Activities and results.

Under appropriate headings present in some detail for each major problem or line of work the goals set up, the methods used, the cooperation received, the coordination effected, the results achieved, and the significance of these results in terms of problem solution.
- VI. Outlook and recommendations.

TERMINOLOGY

To insure reports which convey the intended meaning to others and to facilitate the compilation of satisfactory national statistics on extension, it is extremely important that terms be used in accordance with accepted definitions. The following definitions of extension terms have been approved by the United States Department of Agriculture and the Association of Land Grant Colleges and Universities. Agents should read these definitions before starting to write the annual reports.

DEFINITIONS OF EXTENSION TERMS

1. An extension program is a statement of the specific projects to be undertaken by the extension agents during a year or a period of years.

2. A plan of work is a definite outline of procedure for carrying out the different phases of the program. Such a plan provides specifically for the means to be used and the methods of using them. It also shows what, how much, when, and where the work is to be done.

3. A community is a more or less well-defined group of rural people with common interests and problems. Such a group may include those within a township, trade area, or similar limits. For the purpose of this report a community is one of the several units into which a county is divided for conducting organized extension work.

4. A project leader, local leader, or committeeman is a person who, because of special interest and fitness, is selected to serve as a leader in advancing some phase of the local extension program. A project leader may be either an organization or a subject-matter leader.

5. Demonstrations as contemplated in this report are of two kinds—method demonstrations and result demonstrations. A method demonstration is a demonstration given by an extension worker or other trained leader for the purpose of showing how to carry out a practice. Examples: Demonstrations of how to can fruits and vegetables, mix spray materials, and cull poultry.

A result demonstration is a demonstration conducted by a farmer, home maker, boy, or girl under the direct supervision of the extension worker, to show locally the value of a recommended practice. Such a demonstration involves a substantial period of time and records of results and comparisons, and is designed to teach others in addition to the person conducting the demonstration. Examples: Demonstrating that the application of fertilizer to cotton will result in more profitable yields, that underweight of certain children can be corrected through proper diet, that the use of certified seed in growing potatoes is a good investment, or that a large farm business results in a more efficient use of labor.

The adoption of a farm or home practice resulting from a demonstration or other teaching activity employed by the extension worker as a means of teaching is not in itself a demonstration.

6. A result demonstrator is an adult, a boy, or a girl who conducts a result demonstration as defined above.

7. A cooperator is a farmer or home maker who agrees to adopt certain recommended practices upon the solicitation of an extension worker. The work is not directly supervised by the extension agent and records are not required, but reports on the success of the practices may be obtained.

8. A 4-H Club is an organized group of boys and/or girls with the objectives of demonstrating improved practices in agriculture or home economics, and of providing desirable training for the members.

9. 4-H Club members enrolled are those boys and girls who actually start the work outlined for the year.

10. 4-H Club members completing are those boys and girls who satisfactorily finish the work outlined for the year.

11. A demonstration meeting is a meeting held to give a method demonstration or to start, inspect, or further a result demonstration.

12. A leader-training meeting is a meeting at which project leaders, local leaders, or committeemen are trained to carry on extension activities in their respective communities.

13. An office call is a call in person by an individual or a group seeking agricultural or home-economics information, as a result of which some definite assistance or information is given. A telephone call differs from an office call in that the assistance or information is given or received by means of the telephone. Telephone calls may be either incoming or outgoing.

14. A farm or home visit is a call by the agent at a farm or home at which some definite information relating to extension work is given or obtained.

15. Days in office should include time spent by the county extension agent in the office, at annual and other extension conferences, and on any other work directly related to office administration.

16. Days in field should include all days spent on official duty other than "days in office."

17. Letters written should include all original letters on official business. (Duplicated letters should not be included.)

18. An extension school is a school usually of 2 to 6 days' duration, arranged by the Extension Service, where practical instruction is given to persons not resident at the college. An extension short course differs from an extension school in that it is usually held at the college or another educational institution and usually for a longer period of time.

19. Records consist of definite information on file in the county office that will enable the agent to verify the data on extension work included in this report.

20. The county extension association or committee is that county organization, whether a membership or a delegate body, which is recognized officially in the conduct of extension work in the county.

GENERAL ACTIVITIES

Report Only This Year's Extension Activities and Results That Can Be Verified

1. List below the names, titles, and periods of service of the county extension agents whose work is included in this report. Include time of assistants with that of regular agent.

AGENT	Total months of service this year (a)	Days devoted to work with adults (b)	Days devoted to work with 4-H Club and other youth (c)	Total days in office (d)	Total days in field (e)
(Name) Home demonstration agent.....	1				
Asst. home demonstration agent.....					
4-H Club agent.....	9	41	3	21	23
Assistant county agent in charge of club work.....					
John P. Ahern.....	12	19	0	0	19
Paul L. Maloney.....					
Agricultural agent.....	3				
Assistant agricultural agent.....					

2. County extension association or committee:

- (a) Agricultural extension:
 - (1) Name Lander County Farm Bureau (2) Number of members 0
- (b) Home demonstration:
 - (1) Name (2) Number of members 0
- (c) 4-H Club:
 - (1) Name (2) Number of members 0

- 3. Number of communities in county where extension work should be conducted 2 3
- 4. Number of above communities in which the extension program has been planned cooperatively by extension agents and local committees 2 4
- 5. Number of different voluntary county or community project leaders or committeemen actively engaged in forwarding the extension program:
 - (a) Adult work { (1) Men 5 (2) Women 0 } (b) 4-H Club work { (1) Men 1 (2) Women 0 } (3) Older club boys 0 (4) Older club girls 0 } 5
- 6. Number of different paid local leaders engaged in agricultural, conservation and adjustment programs { (a) Men 3 (b) Women 0 } 6
- 7. Number of clubs or other groups organized to carry on adult home demonstration work 0 7
- 8. Number of members in such clubs or groups 0 8

ITEM	Home demonstration agents (a)	4-H Club agents (b)	Agricultural agents (c)	County total ¹ (d)
9. Number of 4-H Clubs	0	1	0	1
10. Number of different 4-H Club members enrolled { (1) Boys ² 0 (2) Girls ² 0 }	0	5	0	5
11. Number of different 4-H Club members completing { (1) Boys ³ 0 (2) Girls ³ 0 }	0	5	0	5

12. Number of different members enrolled in 4-H Club work for:⁴

MEMBERS	1st year	2d year	3d year	4th year	5th year	6th year and over
(a) Boys	5	0	0	0	0	0
(b) Girls	0	0	0	0	0	0

¹ County total should equal sum of preceding three columns minus duplications due to two or more agents participating in the same activity or accomplishment.
² Report the total number of different boys or girls enrolled in club work. This total should equal the sum of the project enrollments reported on pages 7 to 24, minus duplications due to the same boy or girl carrying on two or more subject-matter lines of work. Do not include boys and girls enrolled late in the year in connection with the succeeding year's program.
³ Same as footnote 2 but refers to completions instead of enrollments.
⁴ The total for this question should agree with county total, question 10.

GENERAL ACTIVITIES—Continued

Report Only This Year's Extension Activities and Results That Can Be Verified

ITEM	Age	10 and under	11	12	13	14	15	16	17	18	19	20 and over
13. Number of different 4-H Club members enrolled according to age ¹												
	(a) Boys	0	0	0	0	1	0	2	2	0	0	0
	(b) Girls	0	0	0	0	0	0	0	0	0	0	0
14. Number of 4-H Club members: ¹ (a) In school 5 (b) Out of school 0												

ITEM	Home demonstration agents (a)	4-H Club agents (b)	Agricultural agents (c)	County total ² (d)
15. Number of 4-H Club teams trained { (1) Judging 0 (2) Demonstration 0 }	0	0	0	0
16. Number of groups ³ other than 4-H Clubs organized for extension work with rural young people 16 years of age and older 0	0	0	0	0
17. Members in groups reported in question 16 { (1) Young men 0 (2) Young women 0 }	0	0	0	0
18. Total number of farm or home visits ⁴ made in conducting extension work 41	41	81	122	18
19. Number of different farms or homes visited 19	19	14	33	19
20. Number of calls relating to extension work { (1) Office 12 (2) Telephone 8 }	12	3	15	20
21. Number of news articles or stories published ⁵ 7	7	3	10	21
22. Number of individual letters written 168	168	64	172	22
23. Number of different circular letters issued (not total copies mailed) 7	7	1	8	23
24. Number of bulletins distributed 55	55	0	55	24
25. Number of radio talks broadcast or prepared for broadcasting 0	0	0	0	25
26. Number of events at which extension exhibits were shown 0	0	0	0	26
27. Training meetings held for local leaders or committeemen { (a) Number of meetings: (1) Adult work 0 (2) 4-H Club 0 } { (b) Total attendance of: (1) Men leaders 0 (2) Women leaders 0 } { (c) Total attendance of: (1) Number 0 (2) Leaders 0 }	0	0	0	27
28. Method demonstration meetings held (include all method demonstrations in both adult and 4-H Club work given by agents and specialists not reported under question 27) { (1) Number 3 (2) Total attendance 18 }	3	5	30	28
29. Meetings held at result demonstrations { (1) Number 0 (2) Total attendance 0 }	0	0	0	29

¹ The total for this question should agree with county total, question 10.
² County total should equal sum of preceding three columns minus duplications due to two or more agents participating in the same activity or accomplishment.
³ Do not include groups previously reported under question 9.
⁴ Do not count a single visit to both the farm and home as two visits.
⁵ Do not count items relating to notices of meetings only.
 NOTE.—Questions 18-34 refer to the total number of different activities conducted this year. The totals should equal the sums of the corresponding information reported on following pages minus duplications where the same activity relates to two or more lines of work.

GENERAL ACTIVITIES—Continued
Report Only This Year's Extension Activities and Results That Can Be Verified

ITEM	Home demonstration agents (a)	4-H Club agents (b)	Agricultural agents (c)	County total ¹ (d)		
30. Tours conducted.....	(1) Adult work.....	(a) Number.....	NA	1	} 30	
		(b) Total attendance.....		2		
	(2) 4-H Club.....	(a) Number.....	0	0		
		(b) Total attendance.....	0	0		
31. Achievement days held.....	(1) Adult work.....	(a) Number.....	0	0	} 31	
		(b) Total attendance.....	0	0		
	(2) 4-H Club.....	(a) Number.....	0	0		
		(b) Total attendance.....	0	0		
32. Encampments held..... (Do not include picnics, rallies, or short courses, as these should be reported under other meetings.)	(1) Farm women.....	(a) Number.....	0	0	} 32	
		(b) Total members attending.....	0	0		
		(c) Total others attending.....	0	0		
	(2) 4-H Club.....	(a) Number.....	0	0		
		(b) Total boys attending.....	0	0		
		(c) Total girls attending.....	0	0		
33. Other meetings of an extension nature participated in by agents or specialists and not previously reported.....	(1) Number.....	13	1	14	} 33	
	(2) Total attendance.....	91	14	105		
34. Meetings held by local leaders or committeemen not participated in by agents or specialists and not reported elsewhere.....	(1) Adult work.....	(a) Number.....	1	0	} 34	
		(b) Total attendance.....	3	0		3
	(2) 4-H Club.....	(a) Number.....	0	0		0
		(b) Total attendance.....	0	0		0
34½. Number of above meetings (questions 27-34) at which discussion group method of presentation was followed.....		12	1	13	34½	

SUMMARY OF EXTENSION INFLUENCE FOR YEAR

It is highly desirable for extension workers to consider the proportion of farms and farm homes in the county which have been definitely influenced to make some substantial change in farm or home operations as a result of the extension program for men, women, boys, and girls. It is recognized that this information is very difficult for agents to report accurately, so a conservative estimate based upon such records, surveys, and other sources of information as are available will be satisfactory. Such estimates should be marked "Est."

Include results of emergency activities as well as the regular extension program.

35. Number of farms in county.....	65	35
36. Number of farms on which changes in practices have definitely resulted from the agricultural extension program.....	Est. 30	36
37. Number of farm homes in which changes in practices have definitely resulted from the home demonstration program.....	0	37
38. Number of other homes in which changes in practices have definitely resulted from the home demonstration program.....	0	38
39. Number of farm homes with 4-H Club members enrolled.....	3	39
40. Number of other homes with 4-H Club members enrolled.....	0	40
41. Total number of different farm families influenced by some phase of the extension program..... (Include questions 36, 37, and 39, minus duplications.)	Est. 43	41
42. Total number of different other families influenced by some phase of extension program..... (Include questions 38 and 40, minus duplications.)	0	42

¹ County total should equal sum of preceding three columns minus duplications due to two or more agents participating in the same activity or accomplishment.

NOTE.—Questions 13-34 refer to the total number of different activities conducted this year. The totals should equal the sums of the corresponding information reported on following pages minus duplications where the same activity relates to two or more lines of work.

CEREALS¹
Report Only This Year's Extension Activities and Results That Can Be Verified

ITEM	Corn (a)	Wheat (b)	Oats (c)	Rye (d)	Barley (e)	Grain sorghums, rice, and other cereals ² (f)	
43. Days devoted to line of work by:							
(1) Home demonstration agents.....	NA	NA	NA	NA	NA	NA	} 43
(2) 4-H Club agents.....							
(3) Agricultural agents.....							
(4) Specialists.....							
44. Number of communities in which work was conducted.....							44
45. Number of voluntary local leaders or committeemen assisting.....							45
46. Days of assistance rendered by voluntary leaders or committeemen.....							46
47. Number of adult result demonstrations conducted.....							47
48. Number of meetings at result demonstrations.....							48
49. Number of method-demonstration meetings held.....							49
50. Number of other meetings held.....							50
51. Number of news stories published.....							51
52. Number of different circular letters issued.....							52
53. Number of farm or home visits made.....							53
54. Number of office calls received.....							54
55. Number of 4-H Club members enrolled.....		(1) Boys.....					} 55
		(2) Girls.....					
56. Number of 4-H Club members completing.....		(1) Boys.....					} 56
		(2) Girls.....					
57. Number of acres in projects conducted by 4-H Club members completing.....							57
58. Total yields of crops grown by 4-H Club members completing.....	bu.	bu.	bu.	bu.	bu.	bu.	58
59. Number of farmers following fertilizer recommendations.....							59
60. Number of farmers following insect-control recommendations.....							60
61. Number of farmers following disease-control recommendations.....							61
62. Number of farmers following marketing recommendations.....							62
63. Number of farmers assisted in using timely economic information as a basis for readjusting enterprise.....							63
66. Number of farmers following other specific practice recommendations: ³		(1).....					} 66
		(2).....					
		(3).....					
		(4).....					
		(5).....					

¹ Report fall-sown crops the year they are harvested.

² Indicate crop by name.

³ For the sake of uniformity it is suggested that each State prepare a list of the more important practices to be reported upon by all agents in that State.

LEGUMES AND FORAGE CROPS

Report Only This Year's Extension Activities and Results That Can Be Verified

ITEM	Alfalfa	Sweet-clover	Red, bur, and other clovers	Vetch	Lespedeza	Pastures	
	(a)	(b)	(c)	(d)	(e)	(f)	
67. Days devoted to line of work by:							
(1) Home demonstration agents.....	NA	NA	NA	NA	NA	NA	} 67
(2) 4-H Club agents.....							
(3) Agricultural agents.....							
(4) Specialists.....							
68. Number of communities in which work was conducted.....							68
69. Number of voluntary local leaders or committeemen assisting.....							69
70. Days of assistance rendered by voluntary leaders or committeemen.....							70
71. Number of adult result demonstrations conducted.....							71
72. Number of meetings at result demonstrations.....							72
73. Number of method-demonstration meetings held.....							73
74. Number of other meetings held.....							74
75. Number of news stories published.....							75
76. Number of different circular letters issued.....							76
77. Number of farm or home visits made.....							77
78. Number of office calls received.....							78
79. Number of 4-H Club members enrolled.....							} 79
(1) Boys.....							
(2) Girls.....							
80. Number of 4-H Club members completing.....							} 80
(1) Boys.....							
(2) Girls.....							
81. Number of acres in projects conducted by 4-H Club members completing.....							81
82. Total yields of crops grown by 4-H Club members completing.....							} 82
(1) Seed.....	bu.	bu.	bu.	bu.	bu.	x x x x	
(2) Forage.....	tons	tons	tons	tons	tons	x x x x	
83. Number of farmers following fertilizer recommendations.....							83
84. Number of farmers following insect-control recommendations.....							84
85. Number of farmers following disease-control recommendations.....							85
86. Number of farmers following marketing recommendations.....							86
87. Number of farmers assisted in using timely economic information as a basis for readjusting enterprise.....							87
90. Number of farmers following other specific practice recommendations: ¹							} 90
(1).....							
(2).....							
(3).....							
(4).....							
(5).....							

¹ For the sake of uniformity it is suggested that each State prepare a list of the more important practices to be reported upon by all agents in that State.

LEGUMES AND FORAGE CROPS—CONTINUED

Report Only This Year's Extension Activities and Results That Can Be Verified

ITEM	Soybeans	Cowpeas and field peas	Velvet-beans	Field beans	Peanuts	All other legumes and forage crops ¹	
	(g)	(h)	(i)	(j)	(k)	(m)	
67. Days devoted to line of work by:							
(1) Home demonstration agents.....	NA	NA	NA	NA	NA	0	} 67
(2) 4-H Club agents.....						3	
(3) Agricultural agents.....						0	
(4) Specialists.....						2	
68. Number of communities in which work was conducted.....						2	68
69. Number of voluntary local leaders or committeemen assisting.....						0	69
70. Days of assistance rendered by voluntary leaders or committeemen.....						0	70
71. Number of adult result demonstrations conducted.....						0	71
72. Number of meetings at result demonstrations.....						0	72
73. Number of method-demonstration meetings held.....						0	73
74. Number of other meetings held.....						0	74
75. Number of news stories published.....						0	75
76. Number of different circular letters issued.....						0	76
77. Number of farm or home visits made.....						11	77
78. Number of office calls received.....						1	78
79. Number of 4-H Club members enrolled.....						0	} 79
(1) Boys.....						0	
(2) Girls.....						0	
80. Number of 4-H Club members completing.....						0	} 80
(1) Boys.....						0	
(2) Girls.....						0	
81. Number of acres in projects conducted by 4-H Club members completing.....						0	81
82. Total yields of crops grown by 4-H Club members completing.....							} 82
(1) Seed.....	bu.	bu.	bu.	bu.	lb.	0 bu.	
(2) Forage.....	tons	tons	tons	tons	tons	0 tons	
83. Number of farmers following fertilizer recommendations.....						0	83
84. Number of farmers following insect-control recommendations.....						0	84
85. Number of farmers following disease-control recommendations.....						0	85
86. Number of farmers following marketing recommendations.....						0	86
87. Number of farmers assisted in using timely economic information as a basis for readjusting enterprise.....						2	87
90. Number of farmers following other specific practice recommendations: ²							} 90
(1).....							
(2).....							
(3).....							
(4).....							
(5).....							

¹ Indicate crop by name.

² For the sake of uniformity it is suggested that each State prepare a list of the more important practices to be reported upon by all agents in that State.

POTATOES, COTTON, TOBACCO, AND OTHER SPECIAL CROPS

Report Only This Year's Extension Activities and Results That Can Be Verified

ITEM	Irish potatoes (a)	Sweetpotatoes (b)	Cotton (c)	Tobacco (d)	Sugar beets and all other special crops ¹ (e)	
91. Days devoted to line of work by:						
(1) Home demonstration agents.....	NA	NA	NA	NA	NA	} 91
(2) 4-H Club agents.....						
(3) Agricultural agents.....						
(4) Specialists.....						
92. Number of communities in which work was conducted.....						92
93. Number of voluntary local leaders or committeemen assisting.....						93
94. Days of assistance rendered by voluntary leaders or committeemen.....						94
95. Number of adult result demonstrations conducted.....						95
96. Number of meetings at result demonstrations.....						96
97. Number of method-demonstration meetings held.....						97
98. Number of other meetings held.....						98
99. Number of news stories published.....						99
100. Number of different circular letters issued.....						100
101. Number of farm or home visits made.....						101
102. Number of office calls received.....						102
103. Number of 4-H Club members enrolled.....						} 103
(1) Boys.....						
(2) Girls.....						
104. Number of 4-H Club members completing.....						} 104
(1) Boys.....						
(2) Girls.....						
105. Number of acres in projects conducted by 4-H Club members completing.....						105
106. Total yields of crops grown by 4-H Club members completing.....	bu.	bu.	lb. ²	lb.		106
107. Number of farmers following fertilizer recommendations.....						107
108. Number of farmers following insect-control recommendations.....						108
109. Number of farmers following disease-control recommendations.....						109
110. Number of farmers following marketing recommendations.....						110
111. Number of farmers assisted in using timely economic information as a basis for readjusting enterprise.....						111
114. Number of farmers following other specific practice recommendations: ³						} 114
(1)						
(2)						
(3)						
(4)						
(5)						

¹ Indicate crop by name.
² Report yield of cotton in pounds of seed cotton.
³ For the sake of uniformity it is suggested that each State prepare a list of the more important practices to be reported upon by all agents in that State.

FRUITS, VEGETABLES, AND BEAUTIFICATION OF HOME GROUNDS

Report Only This Year's Extension Activities and Results That Can Be Verified

ITEM	Home gardens (a)	Market gardening, truck, and canning crops (b)	Beautification of home grounds (c)	Tree fruits (d)	Bush and small fruits (e)	Grapes (f)	
115. Days devoted to line of work by:							
(1) Home demonstration agents.....	NA	NA	0	0	NA	NA	} 115
(2) 4-H Club agents.....			1	0			
(3) Agricultural agents.....			0	0			
(4) Specialists.....			0	0			
116. Number of communities in which work was conducted.....			1	1			116
117. Number of voluntary local leaders or committeemen assisting.....			1	0			117
118. Days of assistance rendered by voluntary leaders or committeemen.....			1	0			118
119. Number of adult result demonstrations conducted.....			0	0			119
120. Number of meetings at result demonstrations.....			0	0			120
121. Number of method-demonstration meetings held.....			1	0			121
122. Number of other meetings held.....			0	0			122
123. Number of news stories published.....			0	0			123
124. Number of different circular letters issued.....			0	0			124
125. Number of farm or home visits made.....			2	0			125
126. Number of office calls received.....			0	0			126
127. Number of 4-H Club members enrolled.....							} 127
(1) Boys.....			1	0			
(2) Girls.....			0	0			
128. Number of 4-H Club members completing.....							} 128
(1) Boys.....			1	0			
(2) Girls.....			0	0			
129. Number of acres in projects conducted by 4-H Club members completing.....			x x x x	0			129
130. Total yields of crops grown by 4-H club members completing.....	bu.	bu.	x x x x	0 bu.	bu.	bu.	130
131. Number of farms or homes where fertilizer recommendations were followed.....			0	0			131
132. Number of farms or homes where insect-control recommendations were followed.....			1	0			132
133. Number of farms or homes where disease-control recommendations were followed.....			0	0			133
134. Number of farms or homes where marketing recommendations were followed.....			x x x x	0			134
135. Number of farms or homes where assistance was given in using timely economic information as a basis for readjusting enterprise.....			x x x x	1			135
136. Number of homes where recommendations were followed as to establishment or care of lawn.....	x x x x	x x x x	0	x x x x	x x x x	x x x x	136
137. Number of homes where recommendations were followed regarding planting of shrubbery and trees.....	x x x x	x x x x	1	x x x x	x x x x	x x x x	137
138. Number of homes where recommendations were followed as to treatment of walks, drives, or fences.....	x x x x	x x x x	0	x x x x	x x x x	x x x x	138
139. Number of homes where recommendations were followed as to improving appearance of exterior of house and outbuildings.....	x x x x	x x x x	1	x x x x	x x x x	x x x x	139
140. Number of homes where other specific practice recommendations were followed: ¹							} 140
(1)			0	0			
(2)							
(3)							
(4)							

¹ For the sake of uniformity it is suggested that each State prepare a list of the more important practices to be reported upon by all agents in that State.

FORESTRY, WILDLIFE CONSERVATION, AND AGRICULTURAL ENGINEERING

Report Only This Year's Extension Activities and Results That Can Be Verified

ITEM	Forestry (a)	Wildlife conservation, fur and game farming (b)	Agricultural engineering ¹ (farm and home) (c)	
141. Days devoted to line of work by:				
(1) Home demonstration agents.....	NA	NA	NA	} 141
(2) 4-H Club agents.....				
(3) Agricultural agents.....				
(4) Specialists.....				
142. Number of communities in which work was conducted.....				142
143. Number of voluntary local leaders or committeemen assisting.....				143
144. Days of assistance rendered by voluntary leaders or committeemen.....				144
145. Number of adult result demonstrations conducted.....				145
146. Number of meetings at result demonstrations.....				146
147. Number of method-demonstration meetings held.....				147
148. Number of other meetings held.....				148
149. Number of news stories published.....				149
150. Number of different circular letters issued.....				150
151. Number of farm or home visits made.....				151
152. Number of office calls received.....				152
153. Number of 4-H Club members enrolled.....				} 153
(1) Boys.....				
(2) Girls.....				
154. Number of 4-H Club members completing.....				} 154
(1) Boys.....				
(2) Girls.....				
154½. Number of 4-H Club members not in special project clubs who participated in forestry or wildlife conservation activities.....			XXXXXXXXXXXX	} 154½
(1) Boys.....				
(2) Girls.....			XXXXXXXXXXXX	
155. Number of units handled by 4-H Club members completing. (This refers to questions 154 and 154½).....				} 155
(1) Transplant beds.....		Coverts ² improved	Acres terraced.....	
(2) Acres planted to forest trees.....	0	or built.....	Machines or equipment repaired.....	
(3) Acres improved.....	0	Nest boxes, feed trays for song birds.....	Articles made.....	
(4) Acres of woodland protected from fire.....	0	operated.....	Equipment installed.....	
(5) Acres of woodland protected from fire.....	0	Animals or birds produced.....		

FORESTRY—Continued

156. Number of farms on which new areas were reforested by planting with small trees.....	0	156
157. Acres involved in preceding question.....	0	157
158. Number of farmers planting windbreaks or shelterbelts.....	0	158
159. Number of farmers planting trees for erosion control.....	0	159
160. Number of farmers making improved thinnings and weedings.....	0	160
161. Number of farmers practicing selection cutting.....	0	161
162. Number of farmers pruning forest trees.....	0	162
163. Number of farmers cooperating in prevention of forest fire.....	0	163
164. Number of farmers adopting improved practices in production of naval stores.....	0	164
165. Number of farmers adopting improved practices in production of maple sugar and sirup.....	0	165

¹ 4-H farm shop clubs should be reported under this heading.

² Include food patches planted or left standing for wildlife.

FORESTRY—Continued

Report Only This Year's Extension Activities and Results That Can Be Verified

166. Number of farmers assisted in timber estimating and appraisal.....	0	166
167. Number of farmers following wood-preservation recommendations.....	0	167
168. Number of farmers following recommendations in the marketing of forest products.....	0	168

WILDLIFE CONSERVATION—Continued

169. Number of farms on which specific improvements for wildlife have been made.....	0	169
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ITEM	RABBITS		FOXES AND OTHER FUR ANIMALS		GAME BIRDS		CONSERVATION CAMPS		
	4-H members (a)	Adults (b)	4-H members (c)	Adults (d)	4-H members (e)	Adults (f)	4-H members (g)	Adults (h)	
169½. Number of individuals engaged or assisted in activity.....	0	0	0	0	0	0	0	0	169½
169½. Number of animals or birds produced by such individuals.....	0	0	0	0	0	0	XXXX	XXXX	169½

AGRICULTURAL ENGINEERING—Continued

Engineering activities	Number of farms (a)	Number of units (b)	Total value of service or savings (c)	
170. Terracing complete with outlets and contour cultivation.....	NA	NA acres.	\$ NA	170
170½. Growing crops on contour.....		acres.		170½
170½. Gully control.....		acres.		170½
171. Drainage practices.....		acres.		171
172. Irrigation practices.....		acres.		172
173. Land-clearing practices.....		acres.		173
174. Better types of machines.....		machines.		174
175. Maintenance and repair of machines.....		machines.		175
176. Efficient use of machinery.....		XXXXXXXXXX		176
176½. Better ginning of cotton.....		gin stands		176½
177. All buildings constructed (include silos).....		buildings.		177
178. Buildings remodeled, repaired, painted.....		buildings.		178
179. Farm electrification.....		farms. ¹		179
180. Home equipment (include sewing machines).....				180
181. Total of columns (a) and (c).....	farms.	XXXXXXXXXX	\$	181

182. Number of machines repaired as reported in questions 175 and 180, by types:				
(a) Tractors.....	0			} 182
(b) Tillage implements.....	0	(c) Harvesters and threshers.....	0	
(d) Plows.....	0	(e) Mowers.....	0	
(f) Planters.....	0	(g) Sewing machines.....	0	
(h) Other.....	0			

183. Number of buildings and equipment improved as reported in questions 177, 178, 179, 180, by types:				
(a) Dwellings constructed according to plans furnished.....	0	(h) Dairy buildings.....	0	} 183
(b) Dwellings remodeled according to plans furnished.....	0	(i) Silos.....	{ (1) Regular.....	
(c) Sewage systems installed.....	0	(j) Hog houses.....	{ (2) Trench or pit.....	
(d) Water systems installed.....	0	(k) Poultry houses.....	0	
(e) Heating systems installed.....	0	(l) Storage structures.....	0	
(f) Lighting systems installed.....	0	(m) Other.....	0	
(g) Home appliances and machines.....	0			

¹ Report the number of farms using electricity in farm enterprises for income-producing purposes such as electric milking, milk cooling, incubating, brooding, hotbed heating, etc.

POULTRY AND BEES

Report Only This Year's Extension Activities and Results That Can Be Verified

ITEM	Poultry (including turkeys) (a)	Bees (b)	
184. Days devoted to line of work by:			
(1) Home demonstration agents.....	NA	NA	}184
(2) 4-H Club agents.....			
(3) Agricultural agents.....			
(4) Specialists.....			
185. Number of communities in which work was conducted.....			185
186. Number of voluntary local leaders or committeemen assisting.....			186
187. Days of assistance rendered by voluntary leaders or committeemen.....			187
188. Number of adult result demonstrations conducted.....			188
189. Number of meetings at result demonstrations.....			189
190. Number of method-demonstration meetings held.....			190
191. Number of other meetings held.....			191
192. Number of news stories published.....			192
193. Number of different circular letters issued.....			193
194. Number of farm or home visits made.....			194
195. Number of office calls received.....			195
196. Number of 4-H Club members enrolled.....			}196
(1) Boys.....			
(2) Girls.....			
197. Number of 4-H Club members completing.....			}197
(1) Boys.....			
(2) Girls.....			
198. Number of units in projects conducted by 4-H Club members completing.....	chickens	colonies	198

POULTRY—Continued

199. Number of families following an organized improved breeding plan as recommended.....	0	199
200. Number of families following recommendations in purchasing baby chicks.....	0	200
201. Number of families following recommendations in chick rearing.....	0	201
202. Number of families following production-feeding recommendations.....	0	202
203. Number of families following sanitation recommendations in disease and parasite control.....	0	203
204. Number of families improving poultry-house equipment according to recommendations.....	0	204
205. Number of families following marketing recommendations.....	0	205
206. Number of families assisted in using timely economic information as a basis for readjusting enterprise.....	0	206
207. Number of families following other specific practice recommendations: ¹		
(a).....	0	}207
(b).....	0	

BEES—CONTINUED

208. Number of farmers following recommendations in transferring colonies to modern hives.....	0	208
209. Number of colonies involved in question 208.....	0	209
210. Number of farmers following disease-control recommendations.....	0	210
211. Number of farmers following requeening recommendations.....	0	211
212. Number of farmers following marketing recommendations.....	0	212
213. Number of farmers following other specific practice recommendations: ¹		
(a).....	0	}213
(b).....	0	

¹ For the sake of uniformity it is suggested that each State prepare a list of the more important practices to be reported upon by all agents in that State.

DAIRY CATTLE, BEEF CATTLE, SHEEP, SWINE, AND HORSES

Report Only This Year's Extension Activities and Results That Can Be Verified

ITEM	Dairy cattle (a)	Beef cattle (b)	Sheep (c)	Swine (d)	Horses and mules (e)	Other livestock ¹ (f)	
214. Days devoted to line of work by:							
(1) Home demonstration agents.....	NA	0	0	NA	NA	NA	}214
(2) 4-H Club agents.....		1	1				
(3) Agricultural agents.....		9	0				
(4) Specialists.....		0	0				
215. Number of communities in which work was conducted.....		2	1				215
216. Number of voluntary local leaders or committeemen assisting.....		3	0				216
217. Days of assistance rendered by voluntary leaders or committeemen.....		1	0				217
218. Number of adult result demonstrations conducted.....		0	0				218
219. Number of meetings at result demonstrations.....		0	0				219
220. Number of method-demonstration meetings held.....		1	1				220
221. Number of other meetings held.....		0	0				221
222. Number of news stories published.....		1	0				222
223. Number of different circular letters issued.....		0	0				223
224. Number of farm or home visits made.....		41	3				224
225. Number of office calls received.....		0	1				225
226. Number of 4-H Club members enrolled.....		2	2(2)				}226
(1) Boys.....							
(2) Girls.....		0	0				
227. Number of 4-H Club members completing.....		2	2(2)				}227
(1) Boys.....							
(2) Girls.....		0	0				
228. Number of animals in projects conducted by 4-H Club members completing.....		25	60				228
229. Number of farmers assisted in obtaining purebred sires.....		0	0				229
230. Number of farmers assisted in obtaining high-grade or purebred females.....		0	0				230
231. Number of bull, boar, ram, or stallion circles or clubs organized or assisted.....		0	0				231
232. Number of members in preceding circles or clubs.....		0	0				232
233. Number of herd or flock-improvement associations organized or assisted.....		0	0				233
234. Number of members in these associations.....		0	0				234
235. Number of farmers not in associations keeping performance records of animals.....		0	0				235
236. Number of families assisted in home butchering, meat cutting, and curing.....	x x x x	0	0		x x x x		236
237. Number of families assisted in butter and cheese making.....		x x x x	x x x x	x x x x	x x x x	x x x x	237
238. Number of farmers following parasite-control recommendations.....		0	0				238
239. Number of farmers following disease-control recommendations.....		0	0				239
240. Number of farmers following marketing recommendations.....		0	0				240
241. Number of farmers assisted in using timely economic information as a basis for readjusting enterprise.....		0	0				241

¹ Do not include rabbits, game, and fur animals, which should be reported under Wildlife Conservation.

AGRICULTURAL ECONOMICS

Report Only This Year's Extension Activities and Results That Can Be Verified

ITEM	Public problems and economic planning on county or community basis ¹	FARM MANAGEMENT			Outlook	Marketing, buying, selling, and financing
		Farm records (inventories, accounts, etc.)	Individual farm planning	Farm and home financing (short and long time)		
	(a)	(b)	(c)	(d)	(e)	(f)
244. Days devoted to line of work by:						
(1) Home demonstration agents.....	NA	NA	NA	NA	NA	NA
(2) 4-H Club agents.....						
(3) Agricultural agents.....						
(4) Specialists.....						
245. Number of communities in which work was conducted.....						245
246. Number of voluntary local leaders or committeemen assisting.....						246
247. Days of assistance rendered by voluntary leaders or committeemen.....						247
248. Number of adult result demonstrations conducted.....						248
249. Number of meetings at result demonstrations.....						249
250. Number of method-demonstration meetings held.....						250
251. Number of other meetings held.....						251
252. Number of news stories published.....						252
253. Number of different circular letters issued.....						253
254. Number of farm or home visits made.....						254
255. Number of office calls received.....						255
256. Number of 4-H Club members enrolled.....						256
(1) Boys.....	x x x x			x x x x	x x x x	x x x x
(2) Girls.....	x x x x			x x x x	x x x x	x x x x
257. Number of 4-H Club members completing.....						257
(1) Boys.....	x x x x			x x x x	x x x x	x x x x
(2) Girls.....	x x x x			x x x x	x x x x	x x x x
258. Number of farmers keeping farm accounts throughout the year under supervision of agent.....						0 258
259. Number of farmers keeping cost-of-production records under supervision of agent.....						0 259
260. Number of farmers assisted in summarizing and interpreting their accounts.....						0 260
261. Number of farmers assisted in making inventory or credit statements.....						0 261
262. Number of farmers assisted in obtaining credit.....						0 262
262½. Number of 4-H Club members receiving instruction in credit.....						2 262½
263. Number of farmers assisted in making mortgage or other debt adjustments.....						0 263
264. Number of farm credit associations assisted in organizing during the year.....						0 264
265. Number of farm business or enterprise-survey records taken during year.....						0 265
266. Number of farmers making recommended changes in their business as result of keeping accounts or survey records.....						0 266
267. Number of other farmers adopting cropping, livestock, or complete farming systems according to recommendations.....						0 267
268. Number of farmers advised relative to leases.....						0 268
269. Number of farmers assisted in developing supplemental sources of income.....						0 269
270. Number of families assisted in reducing cash expenditure:						
(a) By exchange of labor or machinery.....						0
(b) By bartering farm or home products for other commodities or services.....						0
(c) By producing larger part of food on farm.....						0
(d) By making own repairs of buildings and machinery.....						0

¹ Include county agricultural planning, taxation, land utilization, and economic basis of extension programs.

AGRICULTURAL ECONOMICS—Continued

Report Only This Year's Extension Activities and Results That Can Be Verified

271. Number of urban families moving to farms who have been assisted in getting established.....	0	271
272. Number of farm families on relief assisted to become self-supporting.....	0	272
273. Number of marketing associations or groups ¹ assisted in organizing during the year.....	0	273
274. Number of marketing associations or groups ¹ previously organized assisted by extension agents this year.....	0	274
275. Membership in associations and groups organized or assisted (273 and 274).....	0	275
276. Number of individuals (not in associations) assisted with marketing problems.....	0	276
276½. Number of 4-H Club members receiving instruction in marketing.....	0	276½
277. Number of families following other specific practice recommendations.....	0	277

ITEM	Standardizing, packaging, or grading	Processing or manufacturing	Locating markets and transportation	Use of current market information	Financing	Organization	Accounting	Keeping membership informed
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
278. Number of organizations assisted with problems of.....	0	0	0	0	0	0	0	0
279. Number of individuals (not in organizations) assisted with problems of.....	0	0	0	0	x x x x	x x x x	x x x x	x x x x

ITEM	Hay and grain	Cotton	Tobacco	Dairy products	Livestock	Wool
	(a)	(b)	(c)	(d)	(e)	(f)
280. Value of products sold by all associations or groups organized or assisted.....	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
281. Value of products sold by individuals (not in organizations) assisted.....	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

ITEM	Fruits and vegetables	Poultry and eggs	Home products		Livestock	Wool
			Food	Handicraft		
	(g)	(h)	(i)	(j)	(k)	(l)
280. Value of products sold by all associations or groups organized or assisted.....	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
281. Value of products sold by individuals (not in organizations) assisted.....	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

ITEM	Livestock	Feed for livestock	Farm equipment	Oil and gas	Fertilizer, seed, and other farm supplies	Home equipment	Home supplies
282. Value of supplies purchased by all associations or groups organized or assisted.....	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
283. Value of supplies purchased by individuals (not in organizations) assisted.....	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

¹ Include independent local associations, units of federations, branches of centralized organizations, terminal sales agencies, production associations which do buying or selling, and curb and home demonstration club markets.

FOODS AND NUTRITION

Report Only This Year's Extension Activities and Results That Can Be Verified

ITEM	Food selection and preparation	Food preserva- tion	
	(a)	(b)	
284. Days devoted to line of work by:	NA	NA	
(1) Home demonstration agents.....			} 284
(2) 4-H Club agents.....			
(3) Agricultural agents.....			
(4) Specialists.....			
285. Number of communities in which work was conducted.....			285
286. Number of voluntary local leaders or committeemen assisting.....			286
287. Days of assistance rendered by voluntary leaders or committeemen.....			287
288. Number of adult result demonstrations conducted.....			288
289. Number of meetings at result demonstrations.....			289
290. Number of method-demonstration meetings held.....	(1) By agents or specialists.....		} 290
	(2) By leaders.....		
291. Number of other meetings held.....	(1) By agents or specialists.....		} 291
	(2) By leaders.....		
292. Number of news stories published.....			292
293. Number of different circular letters issued.....			293
294. Number of farm or home visits made.....			294
295. Number of office calls received.....			295
296. Number of 4-H Club members enrolled.....	(1) Boys.....		} 296
	(2) Girls.....		
297. Number of 4-H Club members completing.....	(1) Boys.....		} 297
	(2) Girls.....		
298. Number of units in projects conducted by 4-H Club members completing:			
(a) Dishes of food products prepared.....	0	(b) Meals planned and served.....	0
(c) Quarts canned.....	0	(d) Other containers of jelly, jam, and other products.....	0
(e) Pounds of vegetables and fruits stored or dried.....	0		0
299. Number of families budgeting food expenditure for a year.....			0 299
300. Number of families following food-buying recommendations.....			0 300
301. Number of families serving better-balanced meals.....			0 301
302. Number of families improving home-packed lunches according to recommendations.....			0 302
303. Number of schools following recommendations for a hot dish or school lunch.....			0 303
304. Number of children involved in question 303.....			0 304
305. Number of families following recommended methods of child feeding.....			0 305
306. Number of individuals adopting recommendations for corrective feeding (such as weight control, anemia, pellagra, and constipation).....			0 306
307. Number of families producing and preserving home food supply according to annual food-supply budget.....			0 307
308. Number of families assisted in the canning or otherwise preserving of fruits, vegetables, and meats.....			0 308
309. Number of quarts canned by families reported under question 308. (Do not include 4-H Club members).....			0 309
310. Number of other containers of jam, jelly, or other products made by families reported under question 308. (Do not include 4-H Club members).....			0 310
311. Total estimated value of all products canned or otherwise preserved (questions 298, 309, 310) \$.....			0 311
312. Number of families following recommendations for the storage of home food supply.....			0 312
313. Number of families assisted in using timely economic information as a basis for readjusting family food supply.....			0 313

CHILD DEVELOPMENT AND PARENT EDUCATION

Report Only This Year's Extension Activities and Results That Can Be Verified

314. Days devoted to line of work by:			
(a) Home demonstration agents.....	0		} 314
(b) 4-H Club agents.....	0		
(c) Agricultural agents.....	0		
(d) Specialists.....	0		
315. Number of communities in which work was conducted.....	0		315
316. Number of voluntary local leaders or committeemen assisting.....	0		316
317. Days of assistance rendered by voluntary leaders or committeemen.....	0		317
318. Number of adult result demonstrations conducted.....	0		318
319. Number of meetings at result demonstrations.....	0		319
320. Number of method-demonstration meetings held.....	(a) By agents or specialists.....	0	} 320
	(b) By leaders.....	0	
321. Number of other meetings held.....	(a) By agents or specialists.....	0	} 321
	(b) By leaders.....	0	
322. Number of news stories published.....		0	322
323. Number of different circular letters issued.....		0	323
324. Number of farm or home visits made.....		0	324
325. Number of office calls received.....		0	325
326. Number of 4-H Club members enrolled.....	(a) Boys.....	0	} 326
	(b) Girls.....	0	
327. Number of 4-H Club members completing.....	(a) Boys.....	0	} 327
	(b) Girls.....	0	
328. Number of 4-H Club members not in special child-development projects who participated in definite child-development work.....		0	328
329. Number of families improving habits of children.....		0	329
330. Number of families substituting positive methods of discipline for negative ones.....		0	330
331. Number of families providing recommended play equipment.....		0	331
332. Number of families following recommendations regarding furnishings adapted to children's needs.....		0	332
333. Number of different individuals participating in child-development and parent-education program.....	(a) Men.....	0	} 333
	(b) Women.....	0	
334. Number of children involved in question 333.....		0	334
335. Number of families following other specific practice recommendations: ¹	(a).....		} 335
	(b).....		
	(c).....		
	(d).....		
	(e).....		

¹ For the sake of uniformity it is suggested that each State prepare a list of the more important practices to be reported upon by all agents in that State.

CLOTHING

Report Only This Year's Extension Activities and Results That Can Be Verified

336. Days devoted to line of work by:			
(a) Home demonstration agents.....	0	} 336	
(b) 4-H Club agents.....	0		
(c) Agricultural agents.....	0		
(d) Specialists.....	0		
337. Number of communities in which work was conducted.....	0		337
338. Number of voluntary local leaders or committeemen assisting.....	0		338
339. Days of assistance rendered by voluntary leaders or committeemen.....	0		339
340. Number of adult result demonstrations conducted.....	0		340
341. Number of meetings at result demonstrations.....	0		341
342. Number of method-demonstration meetings held.....	{ (a) By agents or specialists 0 (b) By leaders..... 0	} 342	
343. Number of other meetings held.....	{ (a) By agents or specialists 0 (b) By leaders..... 0		} 343
344. Number of news stories published.....	0		
345. Number of different circular letters issued.....	0		345
346. Number of farm or home visits made.....	0		346
347. Number of office calls received.....	0		347
348. Number of 4-H Club members enrolled.....	{ (a) Boys..... 0 (b) Girls..... 0	} 348	
349. Number of 4-H Club members completing.....	{ (a) Boys..... 0 (b) Girls..... 0		} 349
350. Number of articles made by 4-H Club members completing.....	{ (a) Dresses..... 0 (b) Other..... 0	} 350	

ITEM	Adults (a)	Juniors (b)	
351. Number of individuals following recommendations in construction of clothing.....	0	0	351
352. Number of individuals following recommendations in the selection of clothing.....	0	0	352
353. Number of individuals keeping clothing accounts.....	0	0	353
354. Number of individuals budgeting clothing expenditures.....	0	0	354
355. Number of families following clothing-buying recommendations.....	0	x x x x x	355
356. Number of individuals improving children's clothing according to recommendations.....	0	0	356
357. Number of individuals following recommendations in improving care, renovation, and remodeling of clothing.....	0	0	357
358. Number of families assisted in using timely economic information in determining how best to meet clothing requirements.....	0	x x x x x	358
359. Total estimated savings due to clothing program.....	\$ 0	\$ 0	359
360. Number of individuals following other specific practice recommendations: ¹			
(a).....	0	0	} 360
(b).....			

¹ For the sake of uniformity it is suggested that each State prepare a list of the more important practices to be reported upon by all agents in that State.

HOME MANAGEMENT AND HOUSE FURNISHINGS

Report Only This Year's Extension Activities and Results That Can Be Verified

ITEM	Home management (a)	House furnishings (b)	Handicraft (c)	
361. Days devoted to line of work by:				
(1) Home demonstration agents.....	NA	NA	NA	} 361
(2) 4-H Club agents.....				
(3) Agricultural agents.....				
(4) Specialists.....				
362. Number of communities in which work was conducted.....				362
363. Number of voluntary local leaders or committeemen assisting.....				363
364. Days of assistance rendered by voluntary leaders or committeemen.....				364
365. Number of adult result demonstrations conducted.....				365
366. Number of meetings at result demonstrations.....				366
367. Number of method-demonstration meetings held.....	{ (1) By agents or specialists (2) By leaders.....			} 367
368. Number of other meetings held.....	{ (1) By agents or specialists (2) By leaders.....			
369. Number of news stories published.....				369
370. Number of different circular letters issued.....				370
371. Number of farm or home visits made.....				371
372. Number of office calls received.....				372
373. Number of 4-H Club members enrolled.....	{ (1) Boys..... (2) Girls.....			} 373
374. Number of 4-H Club members completing.....	{ (1) Boys..... (2) Girls.....			
375. Number of units in projects conducted by 4-H Club members completing.....		{ rooms articles articles	} 375

HOME MANAGEMENT—Continued

376. Number of kitchens rearranged or improved for convenience according to recommendations.....	0	376
377. Number of families following recommendations in obtaining labor-saving equipment.....	0	377
378. Number of families adopting recommended laundering methods.....	0	378
379. Number of families assisted in home soap making.....	0	379
380. Number of families adopting recommended methods in care of house.....	0	380
381. Number of families assisted in making home-made equipment or conveniences.....	0	381
382. Number of women following a recommended schedule for home activities.....	0	382
383. Number of 4-H Club members keeping personal accounts.....	0	383
384. Number of families keeping home accounts according to a recommended plan.....	0	384
385. Number of families budgeting expenditures in relation to income according to a recommended plan.....	0	385
386. Number of families assisted in developing home industries as a means of supplementing income.....	0	386
387. Number of families following recommended methods in buying for the home (other than foods and clothing).....	0	387
388. Number of families assisted in using timely economic information as a basis for readjusting family living (other than reported under foods and clothing).....	0	388
389. Number of families assisted in making adjustments in home making to gain a more satisfactory standard of living.....	0	389

HOME MANAGEMENT—Continued

390. Number of families having increased time for rest and leisure activities as a result of the home-management program.....	0	390
391. Total estimated saving due to home-management program..... \$.....	0	391
392. Number of families following other specific practice recommendations: ¹		
(a)	0	392
(b)	0	

HOUSE FURNISHINGS—Continued

393. Number of families improving the selection of household furnishings.....	0	393
394. Number of families following recommendations in improving methods of repairing, remodeling, or refinishing furniture.....	0	394
395. Number of families following recommendations in improving treatment of windows (shades, curtains, draperies).....	0	395
396. Number of families following recommendations in improving arrangement of rooms (other than kitchens).....	0	396
397. Number of families improving treatment of walls, woodwork, and floors.....	0	397
398. Number of families applying principles of color and design in improving appearance of rooms.....	0	398
399. Total estimated savings due to house-furnishings program..... \$.....	0	399
400. Number of families following other specific practice recommendations: ¹		
(a)	0	400
(b)	0	

HANDICRAFT—Continued

401. Number of families following recommendations regarding handicraft.....	0	401
402. Number of families following other specific practice recommendations: ¹		
(a)	0	402
(b)	0	

HOME HEALTH AND SANITATION

Report Only This Year's Extension Activities and Results That Can Be Verified

403. Days devoted to line of work by:		
(a) Home demonstration agents.....	0	403
(b) 4-H Club agents.....	0	
(c) Agricultural agents.....	0	
(d) Specialists.....	0	
404. Number of communities in which work was conducted.....	0	404
405. Number of voluntary local leaders or committeemen assisting.....	0	405
406. Days of assistance rendered by voluntary leaders or committeemen.....	0	406
407. Number of adult result demonstrations conducted.....	0	407
408. Number of meetings at result demonstrations.....	0	408
409. Number of method-demonstration meetings held.....		
(a) By agents or specialists.....	0	409
(b) By leaders.....	0	
410. Number of other meetings held.....		
(a) By agents or specialists.....	0	410
(b) By leaders.....	0	
411. Number of news stories published.....	0	411
412. Number of different circular letters issued.....	0	412
413. Number of farm or home visits made.....	0	413
414. Number of office calls received.....	0	414

¹ For the sake of uniformity it is suggested that each State prepare a list of the more important practices to be reported upon by all agents in that State

HOME HEALTH AND SANITATION—Continued

415. Number of 4-H Club members enrolled.....			
(a) Boys.....	0	415	
(b) Girls.....	0		
416. Number of 4-H Club members completing.....			
(a) Boys.....	0	416	
(b) Girls.....	0		
417. Number of 4-H Club members not in special health projects who participated in definite health-improvement work.....			
(a) Boys.....	0	417	
(b) Girls.....	0		
418. Number of individuals having health examination on recommendation of extension workers or participating in health contests.....			
(a) 4-H Club members.....	0	418	
(b) Others.....	0		
419. Number of individuals improving health habits according to recommendations.....	0	419	
420. Number of individuals improving posture according to recommendations.....	0	420	
421. Number of individuals adopting recommended positive preventive measures to improve health (immunization for typhoid, diphtheria, smallpox, etc.).....	0	421	
422. Number of families adopting better home-nursing procedure according to recommendations.....	0	422	
423. Number of families installing sanitary closets or outhouses according to recommended plans.....	0	423	
424. Number of homes screened according to recommendations.....	0	424	
425. Number of families following other recommended methods of controlling flies, mosquitoes, and other insects.....	0	425	
426. Number of individuals enjoying improved health as a result of health and sanitation program.....	0	426	
427. Number of families following other specific practice recommendations: ¹			
(a)	0	427	
(b)	0		

EXTENSION ORGANIZATION AND COMMUNITY ACTIVITIES

Report Only This Year's Extension Activities and Results That Can Be Verified

ITEM	Extension organization and program making	Community or country-life activities	
	(a)	(b)	
428. Days devoted to line of work by:			
(1) Home demonstration agents.....	NA	NA	428
(2) 4-H Club agents.....			
(3) Agricultural agents.....			
(4) Specialists.....			
429. Number of communities in which work was conducted.....			429
430. Number of voluntary local leaders or committeemen assisting.....			430
431. Days of assistance rendered by voluntary leaders or committeemen.....			431
432. Number of meetings held.....			432
433. Number of news stories published.....			433
434. Number of different circular letters issued.....			434
435. Number of farm or home visits made.....			435
436. Number of office calls received.....			436

¹ For the sake of uniformity it is suggested that each State prepare a list of the more important practices to be reported upon by all agents in that State.

COMMUNITY OR COUNTRY-LIFE ACTIVITIES—Continued

437. Number of communities assisted in making social or country-life surveys, or in scoring themselves or their community organizations.....	0	437
438. Number of country-life conferences or training meetings conducted for community leaders.....	0	438
439. Number of community groups assisted with organizational problems, programs of activities, or meeting programs.....	0	439
440. Number of communities developing recreation according to recommendations.....	0	440
441. Number of families following recommendations as to home recreation.....	0	441
442. Number of community or county-wide pageants or plays presented.....	0	442
443. Number of community houses, clubhouses, permanent camps, or community rest rooms established for.....	{ (a) Adults (b) Juniors }	0 } 443
444. Number of communities assisted in establishing work centers for canning, seed treatment, meat curing, etc.....	0	444
445. Number of communities assisted in improving hygienic or public-welfare practices.....	0	445
446. Number of school or other community grounds improved in accordance with plans furnished.....	0	446
447. Number of communities assisted in providing library facilities.....	0	447
448. Number of 4-H Clubs engaging in community activities, such as improving school grounds, conducting local fairs, etc.....	0	448
449. Number of families aided in obtaining assistance from Red Cross or other relief agency.....	0	449

MISCELLANEOUS ACTIVITIES

Report Only This Year's Extension Activities and Results That Can Be Verified

ITEM	Coyotes and other predatory animals	Rodents	General-feeder insects ¹	Weeds	
	(a)	(b)	(c)	(d)	
450. Days devoted to line of work by:					
(1) Home demonstration agents.....	NA	0	0	NA	} 450
(2) 4-H Club agents.....		0	0		
(3) Agricultural agents.....		0	3		
(4) Specialists.....		0	0		
451. Number of communities in which work was conducted.....		0	1		451
452. Number of voluntary local leaders or committeemen assisting.....		0	0		452
453. Days of assistance rendered by voluntary leaders or committeemen.....		0	0		453
454. Number of adult result demonstrations conducted.....		0	0		454
455. Number of meetings at result demonstrations.....		0	0		455
456. Number of method-demonstration meetings held.....		0	3		456
457. Number of other meetings held.....		0	0		457
458. Number of news stories published.....		0	0		458
459. Number of different circular letters issued.....		0	0		459
460. Number of farm or home visits made.....		0	9		460
461. Number of office calls received.....		0	0		461
462. Number of farmers following recommendations.....		1	0		462
463. Pounds of poison used, or acres of weeds controlled.....		20#	1000		463
464. Total estimated saving due to control program.....	\$.....	\$10.00	\$ 500.	\$.....	464

MISCELLANEOUS 4-H CLUBS (Indicate by name)

ITEM	Leadership					
	(a)	(b)	(c)	(d)		
465. Number of 4-H Club members enrolled.....	{ (1) Boys.....	0	0	0	0	} 465
	(2) Girls.....	0	0	0	0	
466. Number of 4-H Club members completing.....	{ (1) Boys.....	0	0	0	0	} 466
	(2) Girls.....	0	0	0	0	

¹ Include grasshoppers, army worms, chinch bugs, and other insects not reported under specific crop or livestock headings.

SOIL CONSERVATION AND OTHER WORK

ITEM	Soil conservation	All other work	
	(a)	(b)	
467. Days devoted to line of work by:			
(1) Home demonstration agents.....	NA	NA	} 467
(2) 4-H Club agents.....			
(3) Agricultural agents.....			
(4) Specialists.....			
468. Number of communities in which work was conducted.....			468
469. Number of voluntary local leaders or committeemen assisting.....			469
470. Days of assistance rendered by voluntary leaders or committeemen.....			470
471. Number of adult result demonstrations conducted.....			471
471½. Number of meetings at result demonstrations.....			471½
472. Number of method-demonstration meetings held.....			472
473. Number of other meetings held.....			473
474. Number of news stories published.....			474
475. Number of different circular letters issued.....			475
476. Number of farm or home visits made.....			476
477. Number of office calls received.....			477
478. Number of 4-H Club members enrolled. (Do not include work previously reported.)		{ (1) Boys..... (2) Girls.....	x x x x } 478
479. Number of 4-H Club members completing. (Do not include work previously reported.)		{ (1) Boys..... (2) Girls.....	x x x x } 479
479½. Number of units in projects conducted by 4-H Club members completing. (Do not include work previously reported.)			x x x x 479½

SOIL CONSERVATION—Continued

ITEM	Number of farms	Number of units	
	(a)	(b)	
480. Tests for soil acidity.....	0	0 acres.	480
481. Applying lime materials.....	0	0 tons.	481
482. Tests for plant-food deficiencies.....	0	0 acres.	482
483. Applying recommended fertilizers.....	0	0 tons.	483
484. Proper land use—based on soil types (use of soil-survey maps).....	0	0 acres.	484
485. Using recommended crop rotations.....	0	0 acres.	485
486. Plowing under green manure.....	0	0 acres.	486
487. Controlling soil blowing.....	0	0 acres.	487
488. Strip cropping.....	0	0 acres.	488
489. Using cover crops.....	0	0 acres.	489
490. Approved summer-fallow.....	0	0 acres.	490
491. Constructing terraces. (Reported under question 170, p. 13.).....	x x x x	x x x x	491
492. Controlling gullies. (Reported under question 170½, p. 13.).....	x x x x	x x x x	492
493. Growing crops on contour. (Reported under question 170¼, p. 13.).....	x x x x	x x x x	493
494. Pasture and range improvement by contouring.....	0	0 acres.	494
495. Grassing waterways.....	0	0 acres.	495
496. Depth of moisture tests.....	0	0 acres.	496
497. Floodwater control for crop production.....	1	20 acres.	497
498. Farms in:	0	0 acres.	498
(1) Legal soil-conservation districts.....	0	0 acres.	
(2) Voluntary soil-conservation associations.....	0	0 acres.	
(3) Grazing associations.....	0	0 acres.	

WORK IN COOPERATION WITH OTHER FEDERAL AGENCIES¹

The purpose of this report on work in cooperation with other Federal agencies is to bring together in one place all the work done in relation to the programs of these agencies regardless of duplication. Include all related work reported under regular project headings on preceding pages, and in addition all other assistance rendered such agencies.

ITEM	AGRICULTURAL ADJUSTMENT ADMINISTRATION			Soil Conservation Service	Farm Security Administration
	Agricultural conservation program	Market agreement and order program	Surplus purchase and diversion program		
	(a)	(b)	(c)	(d)	(e)
499. Days devoted to line of work by:					
(1) Home demonstration agents.....	0	NA	NA	NA	NA
(2) 4-H Club agents.....	38				
(3) Agricultural agents.....	7				
(4) Specialists.....	9				
500. Number of communities in which work was conducted.....	2				500
501. Number of voluntary local leaders or committeemen assisting.....	0				501
502. Days of assistance rendered by such leaders or committeemen.....	0				502
503. Number of paid local leaders or committeemen assisting.....	3				503
504. Days of assistance rendered by paid local leaders.....	63				504
505. Number of meetings held.....	14				505
506. Number of news stories published.....	9				506
507. Number of different circular letters issued.....	8				507
508. Number of farm or home visits made.....	56				508
509. Number of office calls received.....	13				509
510. Number of farms or homes directly assisted by extension agents to carry out the program of the agency.....	Est. 30				510

510 - (a) Number of meetings of the AAA County Committee. 13

510 - (b) Number of above meetings (510-a) attended by Extension agent (s). 11

510 - (c) Number of AAA News Articles prepared by Extension Office. 7

510 - (d) Number of copies of circular postcards and letters on AAA prepared and distributed by Extension Office. 20

510 - (e) Number of AAA pamphlets, circulars or bulletins distributed by Extension Office 100

510 - (f) Approximate number of individual contacts by members of extension office at which various phases of the AAA program were discussed. This should count all calls which included an educational discussion of AAA regardless of the fact that the call may not have been originally intended as an AAA call.

Number of farm calls	(60 Est.)
Number of office calls	0
Number of telephone calls	0

510 - (g) Number of meetings with SCS district Supervisors attended by extension agent. 0

510 - (h) Number of off area farm plans. 0

510 - (i) Number of Soil Conservation district farm plans in effect 0

WORK IN COOPERATION WITH OTHER FEDERAL AGENCIES¹—Continued

The purpose of this report on work in cooperation with other Federal agencies is to bring together in one place all the work done in relation to the programs of these agencies regardless of duplication. Include all related work reported under regular project headings on preceding pages, and in addition all other assistance rendered such agencies.

ITEM	Rural Elec- trifi- cation	Tennessee Valley Authority	Works Progress Adminis- tration	National Youth Adminis- tration	Social Security, Public Health, Children's Bureau	All other (including relief)
	(f)	(g)	(h)	(i)	(j)	(k)
499. Days devoted to line of work by:						
(1) Home demonstration agents.....	NA	NA	NA	NA	NA	NA
(2) 4-H Club agents.....						
(3) Agricultural agents.....						
(4) Specialists.....						
500. Number of communities in which work was conducted.....						499
501. Number of voluntary local leaders or committeemen assisting.....						500
502. Days of assistance rendered by such leaders or committeemen.....						501
503. Number of paid local leaders or committeemen assisting.....						502
504. Days of assistance rendered by paid local leaders.....						503
505. Number of meetings held.....						504
506. Number of news stories published.....						505
507. Number of different circular letters issued.....						506
508. Number of farm or home visits made.....						507
509. Number of office calls received.....						508
510. Number of farms or homes directly assisted by extension agents to carry out the program of the agency.....						509
						510

¹ Farm Credit Administration not included, since provision is made for reporting work on farm and home financing in col. (d), p. 16.

State Office Copy

A N N U A L N A R R A T I V E

R E P O R T

1 9 4 1

by

JOHN P. AHERN, ASSISTANT COUNTY EXTENSION AGENT

FOR THE PERIOD FROM

NOVEMBER 1, 1940 TO OCTOBER 31, 1941

FALLON, NEVADA

---oOo---

A N N U A L N A R R A T I V E

R E P O R T

1 9 4 1

Statement of Agricultural Extension
activities in Churchill County, Nevada
with the assistance and efforts of re-
presentatives of the U. S. Department
of Agriculture, University of Nevada,
and Churchill County Farm Bureau coop-
erating

BY

JOHN P. AHERN, ASSISTANT COUNTY EXTENSION AGENT

FOR THE PERIOD FROM

NOVEMBER 1, 1940 TO OCTOBER 31, 1941

FALLON, NEVADA

---oOo---

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IV. CHANGES IN COUNTY EXTENSION ORGANIZATION DURING THE YEAR
TO IMPROVE REGULAR PROCEDURES OR TO MEET EMERGENCIES

Very little change was made during the year in the Extension Organization. The Fallon office had the responsibility of Southern Lander County in the Extension program during the year whereas this county was previously handled by the Ely office. The work in Southern Lander was under the jurisdiction of the Assistant County Extension Agent who acted as assistant agent in both Churchill and Lander Counties. The 4-H Club work with respect to the agricultural projects was carried largely by the assistant agent who assisted to some extent with the adult work in the county.

V. STATUS OF FARM BUREAU ORGANIZATION

1. Form of Organization - Distinctive features

The Churchill County Farm Bureau is made up of a number of community organizations and two departments, Dairy and Homemakers. Each community and each department is represented by one director. These directors and three directors elected at large constitute the executive or governing body of the organization. Problems are presented and discussed at regular monthly meetings in the centers where the Extension Agents are given an opportunity to present suggestions and information. Extension projects designed to improve the general welfare of the community are taken up and carried through the year. The County Farm Bureau is affiliated with the Nevada State Farm Bureau and the American Farm Bureau Federation.

2. Function of Members, Officers, and Committees in
developing Program of Work

According to the plan of the organization all members are eligible and are expected to take an active part in the functions of the organization. All members are expected to support the policies and projects of the organization.

The center meetings are presided over by the officers, who are generally responsible for building up and carrying out the program of work for their center. The work of the centers and departments is correlated by the county directors who are able to make valuable suggestions to the center officers.

The county chairman signs all legal documents and countersigns checks. The Secretary keeps records of the financial status of the organization and takes minutes of all meetings of the directors.

3. General Policies, including Relationships with
Other Organizations

The policy of the Churchill County Farm Bureau is to bring to the people of the county current and valuable information on agriculture and home making, help in the education of rural young folks and to work for unity among the farm families in the county.

county. The organization and the Extension Service which works through the Farm Bureau have very close and friendly cooperation with the Irrigation District, Experimental Farm, County Commissioners, local newspapers, schools and churches as well as other organized groups in the community.

VI. COUNTY PROGRAM OF WORK, PROJECT ACTIVITIES AND RESULTS ACHIEVED

1. Factors Determining Program.

The Extension Service is set up to serve the rural people within each community, therefore the conditions and factors influencing the people such as methods used, success achieved, level of thinking, standard of living, etc. to a great extent determine the program followed. The general conditions such as weather prevailing, status of the Government as to its relations with other countries and type of people living in a certain community to some extent influence the program followed. The program is set up with an ideal community in mind in the hopes that through the help of the Extension service a well organized, prosperous, and educated rural population will be the result.

3. Methods used in:

a. Development of projects

Projects are developed as a need arises for study on a particular problem. Through discussing the problem at hand with the farmers, Farm Bureau Directors and observing the conditions, the project is gradually outlined and eventually a plan is worked out. After the proposed plan has been made it is submitted to the Farm Bureau and other leaders for suggestions and approval.

b. Development of farm bureau departments (county) participating in extension work.

Since the Newlands Irrigation Project is the central part of agriculture in Churchill County and the farms of the Newlands project are rather closely gathered, most of the problems arising have been carried on rather successfully through the community organizations. Only a Dairy department and Home Community department have been organized.

c. Development of demonstrations.

In most part demonstrations are dependent upon the cooperation of a farmer or group of farmers. After a proposal is made a farmer may try it out, the others in the community are encouraged to observe it as it progresses. Any effective demonstration will, in time, become a recognized and common practice in the community. The farmer selected for the demonstrations must have the proper location and conditions for the demonstration and adequate publicity must be given it. Recommendations and suggestions relative to the demonstrations are given by the Extension Agents.

d. Development of project leaders.

4-H leaders were selected to lead the 4-H Clubs by the members and were approved by the agents whenever possible and the leaders held several meetings as a county club council with the agents to outline procedures and learn the methods used in carrying on the program.

4. In Dairying

b. Cow Testing

The dairy cow testing project met with much adversity during 1941. Rubyn Mobley who had done the testing for the past several years in a very satisfactory manner found himself too busy and the income from cow testing too small to continue the work. The records show that during 1940 he received an average of \$51.09 per month for his work and travel. When Mr. Mobley dropped the work, Art Krieger took up the job of gathering samples, with Eric Palludan doing the testing. This worked out quite well for some time until Mr. Krieger had to leave for an operation on an injured leg. At this time the county agents each had a try at gathering milk samples until Herbert Lohse was hired for the job and soon after the time when he got the equipment in shape he went to work at a better paying job and Mr. Krieger was called upon again for a short time till he was sent to the hospital for another operation, at which time Herbert Lohse took over again. During June the Assistant Agent was called to Army duty for two weeks during which time Mr. Crook took over the dairy herd testing work and has handled the Extension end of the program since that time. To date the summary of the years' work has not been made.

Mr. R. D. Crook will make a report on the years testing work.

d. Feeding

Conversations were held with farmers in the county relative to the amounts and kinds of feeds recommended for dairying in the county. The practice of feeding silage to dairy cows is not being carried out as generally now as previously due to the added job of feeding the silage from pit silos. It usually means that each day a team must be used to feed a small amount of silage to the dairy cows. Some still use silage however in the dairies.

5. In Poultry

b. Culling and feeding

Culling of the poultry flocks has been encouraged wherever an opportunity afforded itself. There appears to be a decided need in Churchill County for a program on better

culling and feeding of poultry. Many who have a small number of hens wait till mid-winter when egg production is very low to attempt to cull instead of culling early in the fall when it would be possible to detect the poor producers. The use of mash containing protein has been emphasized.

e. Turkey Management

2. Feeding

A recommendation to feed cod liver oil to a flock of young turkeys apparently slightly affected by rickets was followed apparently with good results.

6. In Agronomy

a. Corn

1. Variety tests

The results of the 1939-40 corn yield tests were tabulated and distributed to farmers in the county and the results of the tests were given wide publicity. Much interest is being shown in Churchill County in the variety tests being made. Each year more people become interested and want corn yield tests made of their corn fields.

In May and June 1941, 104 variety samples were planted over the valley, part of which were to be used in making silage tests and part for making grain tests. The varieties used consisted of both straight selected and hybrid varieties of yellow and white corn. The varieties planted were as follows:

<u>Hybrid</u>	<u>Selected</u>
Iowa - 939	Funk's Improved
S - 100	Lohse's Min. 13
S - 12	St. Charles White
S - 16	Other local white
Pfister Hybrid	and yellow varieties
U.S. 52	
Hamilton Hybrid (2 varieties)	
Funk Bros. Hybrid (6 varieties)	
Iowealth Hybrid 29 A	

Due to a number of conditions in the county very few corn yield test plots have been checked to date. All the silage tests have been made with results as follows in pounds of silage per 1/100 acres:

	Average Wt. of cob and grain	Wt. of Silage
Wonder White (1 sample)	92.00 #	414.00#
Local White (1 sample)	94.00 #	352.00#
Average White ----- 383.00#		
Funk's Improved (1 samples)	100.00 #	463.00#
Lohse Min. 13 (6 samples)	150.00 #	303.28#
Average all Straight selection - 338.74#		
U.S. 52 (3 samples)	91.00 #	297.57#
Hamilton Hybrids - Light	97.00 #	175.39#
Dark	103.00 #	275.76#
Average Hamilton Hybrids ----- 282.62#		
S - 100	123.00 #	452.00#
S - 12	102.00 #	284.00#
S - 16	110.00 #	380.00#
Average all Hybrids ----- 320.62#		
Average of all tests made ----- 330.21#		

The results shown in above table however, probably do not represent a true picture due to such a small number of samples of some of the varieties. For instance the results show the white corn to 383.00# per 1/100 acre and the average of all corn to be 330.21#, whereas the one sampling of each white corn happened to be taken in a plot where the yields on all varieties were high and the yellow corn outyielding the white. Such conditions as this do not show up in the above table. The results of the samples of white corn taken are as follows:

	Wt. of Green Cob	Wt. of Stover	Total Wt. of Silage
Wonder White	92	322	414
Other White	94	258	352
Funk's Improved	100	363	463
S - 12	102	282	284
Iowa 939	107	236	343
S - 16	110	270	380
S - 100	123	329	452

The one point which the test does tell, however, is probably of sufficient importance to pay for the trouble of making the test. That is the approximate yield of silage that might be expected on an acre of land. It has generally been considered in Churchill County that a 10

ton yield per acre was a good yield. The test shows, however, an average yield of 16.5 tons per acres of green corn before it goes through the fermentation process.

1941 was a cold season and a poor corn year and some varieties which in normal years would mature, were not well matured. The rather late spring and cold nights throughout the summer were probably the cause of the immaturity.

f. Alfalfa

3. Weevil control

Some observations were made on weevil infested areas in Churchill County where dusting had been done and where no dusting was done. Close observations showed that the dusting was beneficial, but little damage was done to that which had not been dusted. Weevil damage was not serious in 1941 in Churchill County.

r. Sugar Beets

1. Seed production

Some observations were made on a small plot of sugar beets which were plant by H. J. Small on the Dodge Island Ranch for the purpose of producing seed. With much effort a small patch was cut, dried and an attempt made to separate the seed with a combine harvester. The improper setting of the machine and improper types of parts made it impossible to separate the seed with this machine. A small outfit was obtained which with considerable trouble harvested the seed.

7. In Agricultural Economics

d. Farm Management

9. General farm accounts

Three months were spent helping V. E. Scott as Assistant Agricultural Extension Economist, during which time records were summarized over the state. In Churchill County most of the records were checked over with the farmer by the assistant agent during this 3 month period. Three new cooperators, James York, Wayne Conrad and Phillip Jones were started out with a farm account record book. Several farmers have been talked to regarding their records and some assistance given in keeping the records. Also several farmers were given help in filing income tax returns.

A meeting was held in May with the State Specialist, W. E. Scott, present to make comparisons of practices, size of business, expenses, etc. The meeting was poorly attended.

8. In Animal Husbandry

d. Hogs

3. Feeding

Recommendations were given to several farmers relative to balancing the ration for hogs by the use of skim milk or tankage. Churchill County has considerable dairying, there being dairy cows on most of the farms. The milk in most cases is used for the production of butterfat, being separated on the farm, the butterfat sold and the skim milk used for poultry and hog feed. This skim milk usually supplies sufficient protein for the hogs, but in most cases larger amounts of milk are fed than would be required to balance a grain ration. By this type of feeding the milk is not being put to its greatest use. The agents have recommended that more grain be fed and that 1 to $1\frac{1}{2}$ gallons of skim milk per day per pig be fed to balance the ration. In many cases pigs get all their feed from milk and hay. This constitutes a waste of a valuable protein supplement by being used as the energy and fattening feed. A few raisers attempt to feed hogs on grain without milk. For these cases it has been recommended that 10% of the concentrates be made up of meat scrap or tankage.

4. Disease control

Several outbreaks of hog cholera occurred in the spring of 1941. These were watched with much interest and farmers were warned to be careful about bringing hogs to their farms without investigating where they came from and the possibilities of picking up the disease. There have been no recent reports of hog cholera cases.

9. In Club Work

a. Agricultural

1. Beef cattle

Churchill County 4-H Club boys in 1941 had seven head of beef cattle. One animal, a registered bull, purchased with its dam from a 4-H Club boy in Humboldt County was the source of some worry for both its owners and the agent. The boys lost the cow shortly after she was brought home, leaving the calf without milk and thus cutting his chances to develop as well as he should. He turned out quite good however and sold for \$125.00.

Five head were fattened and sold at auction, one at Reno and the other four at the Nevada State Fair at Fallon. The feeding project turned out very well in 1941 with all boys but one showing some profit. The prices paid, however, were not sufficient to promote the feeding of prime beef, therefore a program of commercial feeding is being adopted among the 4-H Club boys in Churchill County. About 20 head will be fed in 1942.

2. Sheep

Eleven 4-H Club boys carried sheep projects in 1941. The Shamrock Sheep Club was organized with seven members and Mr. Ray Pulley as leader. The club acquired a registered Hampshire ram during the year for use on their ewes. One boy purchased a registered Hampshire ewe lamb from Roy Heise at Gardnerville. There were 7 fat lambs sold at fair time at the auction sale. Generally speaking the sheep projects are working out quite satisfactorily. There is opportunity for a purebred project program in this enterprise because the only two registered Hampshires known to the assistant agent in the County are owned by the Sheep club.

3. Dairy

Dairy projects in Churchill County are the most favored projects by the 4-H Club boys. In 1941, 31 4-H Club boys carried dairy projects. Four of the dairy projects are registered animals. A 4-H Dairy Club composed of 25 members with two leaders, Charlie Miller and Tony Erquiaga, was organized and functioned very well. Regular meetings were held and much benefit was derived from the club. Two members of the club, John Sorensen and Welburn Hall, were awarded a trip to Memphis, Tennessee as state winners in the Dairy Production Demonstration Contest. Virgil Getto a member of the dairy club was awarded a registered Holstein bull calf by the Model Dairy in Reno for having the highest rating in the Senior division of the dairy animal judging contest. This club carried on a very satisfactory community project by spending a day in the City Park hoeing and cleaning up the park grounds, pruning trees, etc. Welburn Hall was president of this club.

4. Swine

The swine projects in 1941 were the most successful projects carried from a financial standpoint. Eighteen boys carried swine projects, all of which showed a decided profit. The idea of properly balancing a ration was stressed and when recommendations were followed, good results were obtained. 50 head of hogs were sold on the auction sales in Reno and at the State Fair.

5. Poultry

The poultry projects carried in 1941 were as a whole rather small and not as satisfactory as some of the other projects. One project, however, was satisfactory. It consisted of 200 capons raised by Ray Nygren. Ray reported good success with a profit on his project. When caponizing the 200 cockerels only one was killed and 137 capons averaging 8 lbs. were sold from the project at an average price of 30¢ per pound. It is expected that larger poultry projects will be carried in 1942 with several laying projects added.

6. Rabbits

The five boys carrying rabbit projects had rather small projects however they showed a good profit.

7. Turkeys

One turkey project was carried in 1941. This project was small and bad luck caused the death of a large number of the boys poults.

11. Home Garden

Very little interest was shown in garden projects during 1941, there being only 2 garden projects carried. It appears that there will be nearly 20 such projects in 1942.

13. Corn

One very nice field of corn was grown by a 4-H Club boy along with a dairy project. No encouragement was given to corn projects in 1941, however, the assistant agent is making plans to have each of the boys with hog projects carry a corn project with it in the future.

The following shows a summary of 1941 4-H Club project values:

	Value of Sales / Ending Inven- tory	Value of Pur- chases / Be- ginning In- ventory	Total Produced
Hog Projects	\$ 1769.07	\$ 367.50	\$ 1401.57
Beef Projects	704.27	218.25	486.02
Sheep Projects	1181.69	617.00	564.69
Dairy Projects	1819.00	1133.00	686.00
Poultry Projects	474.88	65.63	409.25
Rabbit Projects	121.24	64.20	57.04
Garden Projects	37.10	0	37.10
Total	6072.25	2430.58	3641.67
Average per boy (62 boys)	97.94	39.20	58.74

10. In Community Activities

a. Farm Bureau Cooperation

The assistant county agent has worked with the Farm Bureau in Churchill County whenever it was possible. Several community meetings were attended as were most of the Farm Bureau director's meetings and one meeting of the dairy department of the Farm Bureau. Inasmuch as most of the time spent by the assistant agent in Churchill County was spent on 4-H Club work very little time was spent on actual Farm Bureau cooperation.

Several times during the year 4-H Clubs of the county through help of the leaders and agents took part on the farm center programs by putting on model club meetings, giving talks, musical numbers, etc.

d. Fairs and exhibits

The Extension Office personnel worked considerably with the Nevada State Fair. Most of the connection which the assistant agent had with it was in helping the 4-H Club members make their exhibits. Churchill County 4-H Club members exhibited 50 head of hogs, 4 fat beef, 15 head of sheep and 16 dairy animals besides turkeys, chickens and garden products at the Nevada State Fair in 1941.

12. In Control of Rodents and other Pests

a. Squirrels

The assistant agent helped during the spring and summer to distribute poisoned grain to farmers and to show the proper methods of distributing the poison grain to control squirrels and gophers. Some poison was spread by 4-H Club members as a community improvement project. The poisoned grain was obtained through the Fish and Wildlife Service and was made available to the farmers at half price.

e. Grasshoppers

Very few grasshoppers were reported in Churchill County during 1941. Reports came in from several sources that grasshoppers were seen in small patches but not of sufficient number to necessitate the spreading of poison. The lack of grasshoppers in 1941 was probably due to a combination of factors. In previous years before 1940 heavy infestations occurred and heavy poisoning as a control measure was carried out. In 1940 the infestations were very spotted and lasted but a short time, most of the spots infested were poisoned and there was left few hoppers for egg production for 1941. Scourges of grasshoppers tend to come in cycles, increasing in numbers each year to a point where natural enemies and human control measures subdue them. They then diminish in number till they are of little importance, natural enemies then also diminish and human control stops at which time they again increase tending to create a rather normal cycle. The year 1941 in Churchill County appears to be the bottom of the cycle for grasshopper numbers and it is natural to believe that following years may bring heavier infestations, therefore preparations for control in coming years is warranted.

No poison was distributed in 1941 as no infestations warranted the spreading of it.

13. In Rural Agricultural Engineering

a. Housing

3. Silos

Some suggestions were given to farmers on trench silos for corn and also upon temporary wire and paper upright silos. This type of silo has been recommended.

15. In Publication

a. Agricultural News writing

News stories of interest on 4-H Club work and other agricultural subjects have been given to the Fallon Eagle, Fallon Standard and the Nevada State Journal. Help was given Virgil Getto, State 4-H Club President, in editing a copy of the Nevada 4-H Club News.

19. Character and Scope of Office and Field Service

A large part of the time spent in Churchill County by the assistant agent was spent on 4-H Club work. Considerable time was spent in planting and checking corn variety test plots and some time was spent in working with the Dairy Herd Improvement Association. The work in the office consisted of making plans for projects and checking dairy herd records, corn yield test data, 4-H Club records, etc. In addition to the work done in Churchill County, which is covered in this report, the Extension program in Southern Lander County was administered by the assistant agent and the 4-H Club program in North Lyon County was taken care of.

20. Analysis and Interpretation of Tabular Summary

The statistical summary is a combined statistical report of all the work carried on by Royal D. Crook, District Extension Agent, Miss Lena Hauke, Home Demonstration Agent, and John P. Ahern, Assistant County Extension Agent. The statistics of John P. Ahern written up in this narrative report will be recorded under the heading of the 4-H Club Agent in the combined statistical report.

VII. Outlook and Recommendations

There is still a definite need for improved practices in farming in Churchill County. This should be emphasized by greater use of demonstrations with adults and 4-H Club members. The 4-H program was carried on in 1941 with this in mind and in most cases was quite successful and larger projects with better records are showing up more each year. It is expected that during the following year greater stress will be laid upon poultry and garden projects than in the past. Larger projects are expected and the beef and lamb feeding projects will be conducted in such a manner that the boys will compete on a commercial

market instead of a special market through high prices paid at auction sales. Encouragement will be given to commercial feeding of beef, sheep, hogs, poultry and dairy animals.

There is a definite need for a rotation system in cropping land and it is hoped that a 4-H Club boy or two can be encouraged to stage a demonstration on this practice.

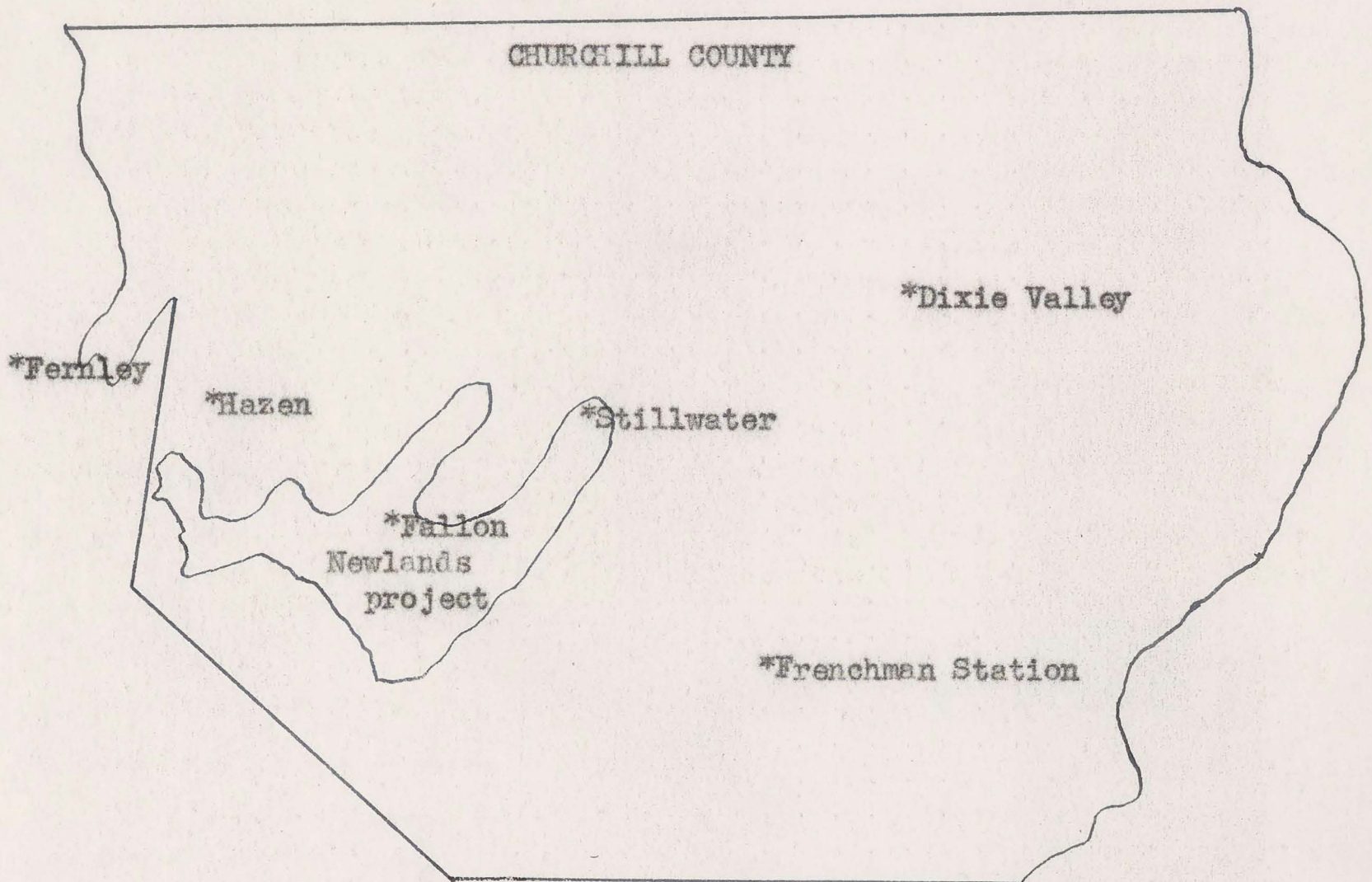
VIII. Summary of Activities and Accomplishments

4-H Club work was carried on with good success in 1941, with larger, more practical projects being carried and improved rations used in most cases. Three 4-H Club boys in Churchill County were awarded trips for their outstanding work and one boy was awarded a registered bull calf. Others received medals. Sixty-two club boys successfully completed projects and improved methods were used in project work.

Assistance was given to the Dairy Herd Improvement Association in collecting samples of milk and keeping records.

A corn yield variety test was carried on in the county with 21 different varieties of corn tested. Part of the tests were made for silage yields, the rest for grain yields.

Assistance was given to Royal D. Crook on other projects whenever help was needed.

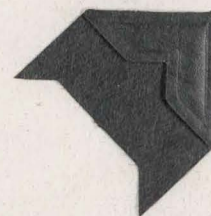
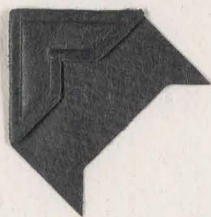


The Extension work in Churchill County was confined almost entirely to the Newlands Project, outline in the above map. Work on all agricultural projects was about equally distributed over the entire project. Fourteen communities, mostly old school districts, have been designated within the project. Dixie Valley, to which the Agricultural Conservation Program and Land-Use Planning Program extend, is counted as the fifteenth community in the county.

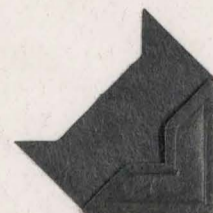
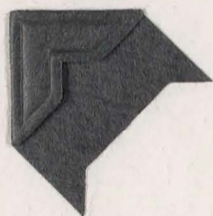


The County Wide 4-H Dairy Club had as their community improvement project, the cleaning up of the City Park. Flowers were hoed, trees pruned and weeds were cleaned from the walks. An ice cream bust followed.





John Sorensen and Welburn Hall demonstrating the
use of the milking machine at County 4-H Club Field
Day.



Louis Erquiaga and Ralph Bell demonstrating
the proper feeding of the dairy calf at the
County 4-H Club Field Day.



4-H Club members
show their sheep and
beef at the Nevada
State Fair at Fallon,
Nevada.





Nick Holt Jr. with his 4-H beef.



Ray Nygren examines a capon from his 4-H project which consisted of 200 capons.

A N N U A L N A R R A T I V E

R E P O R T

1 9 4 1

Statement of Agricultural Extension
activities in Southern Lander County,
Nevada, with the assistance and efforts
of representatives of the U. S. Depart-
ment of Agriculture, University of Nev-
ada, and Lander County Farm Bureau co-
operating.

BY

JOHN P. AHERN, ASSISTANT COUNTY EXTENSION AGENT

FOR THE PERIOD FROM

NOVEMBER 1, 1940 TO OCTOBER 31, 1941

FALLON, NEVADA

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IV. CHANGES IN COUNTY EXTENSION ORGANIZATION DURING THE YEAR TO IMPROVE REGULAR PROCEDURES OR TO MEET EMERGENCIES.

During 1941 the Southern half of Lander County was administered from the Extension office at Fallon, while the Northern half was administered from the Extension office at Winnemucca. District Extension Agent, Paul Maloney, carried on livestock projects in the northern end of the county. Assistant County Extension Agent, John P. Ahern, carried on the program in the Southern end of the county and acted as secretary to the Agricultural Conservation Association for the entire county. Prior to this year the work done by the Fallon office was carried on by the Ely office.

V. STATUS OF FARM BUREAU ORGANIZATION

1. Form of Organization - Distinctive features.

The Lander County Farm Bureau, Incorporated is organized on a community basis under the laws of the State of Nevada. The Agricultural Extension work for the county is carried on through two offices. The southern end through the Fallon office and the northern through the Winnemucca office. The county is generally considered to be divided into these two communities, although the farms are widely scattered over the county as the roads connecting the two ends are unimproved.

The governing board of the Lander County Farm Bureau is composed of five directors, elected from the active members for a term of one year. These directors assisted by the Nevada Extension Service formulate a program which is designed to bring new and improved methods of farming to the ranchers of the county. Since this is primarily a livestock county this program is largely relative to the livestock industry, agricultural conservation, range and meadow improvement.

2. Functions of Members, Officers and Committees in Developing Program of Work.

The board of directors cooperate with the Extension service in formulating the program of work. The program and budget for the year are adopted at an annual meeting and filed before the first Monday of January each year with the Board of County Commissioners. A complete and detailed report of the activities for the preceding year are presented and filed each year.

The president is the executive head of the farm bureau and presides at all meetings, appoints committees, signs all checks and legal documents. The secretary-treasurer keeps record of the proceedings of all meetings, collects membership dues and has custody of the funds of the organization. The executive committee has charge of the organization when the board is not in session. This committee consists of the President, Sec'y.-Treasurer and Vice-president.

3. General Policies, including Relationships with Other Organizations

The general policy of the Farm Bureau is to study problems of the farm and rural homes, marketing, education of rural young people and to put the results of this study before the farm population. It sponsors educational demonstrations in both adult and 4-H Club work attempting to teach improved practices in the farm and home problems and instill upon the rural people the desirability of carrying out these improved and approved practices.

The Lander County Farm Bureau, Incorporated has the cooperation of the Nevada State Farm Bureau, Nevada Extension Service, United States Department of Agriculture, United States Department of Interior, Division of Grazing, Federal Land Bank, Farm Credit Administration, Production Credit Association, General Land Office, Board of Livestock Commissioners and the Agricultural Conservation Association.

The Extension Offices at Winnemucca and Fallon assist these governmental agencies in carrying out their program. All relation and cooperation with the above named agencies and organizations have been friendly.

VI. COUNTY PROGRAM OF WORK, PROJECT ACTIVITIES AND RESULTS ACHIEVED

1. Factors Determining Program.

The programs of work are drawn up when a need arises for study of certain problems. The Farm Bureau leaders assisted by the agents make up the programs after recommendations for the project have been secured by study of the conditions and records which are filed in the offices, and recommendations by Extension Specialist from the University of Nevada.

Factors considered in the program include a need for a program, soil conditions, climatic conditions, type of crops grown, farming methods prevalent, marketing conditions and the cooperation expected to take part in the program.

Few meetings or tours are arranged on the programs as the farms are very scattered and meetings are difficult. Generally the roads are unimproved so few method demonstrations and Result Demonstrations can be held.

2. Influence of State and National Agricultural Agencies Operating in County upon Extension Program.

Inasmuch as the livestock business in Lander County is the chief enterprise, the Forest Service which controls a large amount of the land used for grazing has considerable influence on the livestock business. Grazing rights on the forest are issued each year to those running livestock in Lander County and the number of livestock which they are permitted to run is determined by the Forest Service as well as the number of livestock which

they can own to a certain extent. Through the Forest Service the stockmen of Lander County have organized the Toyabe Livestock Association which has been carrying on to some extent the work which might be done or assisted by the Extension Service.

The Agricultural Conservation Association and the Extension Service in Lander county have very close contact and the policies of the Agricultural Conservation Association to some extent determine the program of work which is carried on by the Extension Service. The Extension Service assists the association in carrying out soil building practices and administering the business of the association.

Inasmuch as there is no Taylor Grazing district in Lander county this agency has no effect on the Extension Service there.

3. Methods used in:

(a) Development of projects.

Projects are developed when a problem is seen with a possible solution through a project. Each year at the annual meeting the program of work is discussed with the Farm Bureau directors. Here the outline is made for regular projects carried on from year to year and miscellaneous projects which are in an experimental stage. Successful projects are continued and expanded as long as a need exists and are carried from one part of the county to others where it appears they will be of some benefit to the agriculture of that section. The main projects carried by the Assistant Agent in the Southern end of the county are cooperation of the Agricultural Conservation Association, Purebred Sires, Boy's and Girl's Club Work, Range Inspections and Meadow Improvement.

(b) Development of farm bureau departments (county) participating in extension work.

Leadership in each department is secured through the directors. Those who have taken an active part in Farm Bureau represent the ranchers in their section of the county and help the Extension Agents work up projects. These leaders volunteer their services and carry on their work for the benefit of ranchers in the county.

(c) Development of demonstrations.

Demonstrations are worked up through the cooperation of leaders in the county who volunteer to help the work with their services. In southern Lander few demonstrations were conducted during 1941 due to the agent not being well acquainted with the problems and possibilities. Much time was spent in studying the counties agriculture by the Assistant Agent in charge of the Extension program in southern Lander County.

(d) Development of project leaders.

Project leaders are obtained from among the farmers. A project begun usually is handled by first contacting a cooperative farmer who is interested in the particular project by needing a solution to the problem in question. Through the help of the agent this leader is able to carry on the project and thus helps agricultural people as a whole as well as himself.

4. In Dairying

(a) Building and equipment.

Very little dairying is done in Lander County. There are approximately 170 cows being milked on the farms of the county. Most of these are not well bred dairy cattle but rather range cows put into the corral and milked. Little work has been done relative to the dairy enterprise in Lander County. In most cases the buildings are very inadequate for the dairy business and with the exception of two or three herds it is impractical to attempt to develop dairy herds and put up dairy equipment.

(b) Cow testing

No cow testing is done.

(c) Disease control

Disease control is carried on in connection with the beef enterprise.

(d) Feeding

Several producers of milk for city use have been talked to relative to feeding their cows for production.

5. In Poultry

(b) Culling and feeding (Calendar)

(d) Housing

Most of the poultry in Lander County are in small farm flocks and therefore are not handled in such a way as to get production. The County Agent, however, has talked to some farmers relative to feeding and housing the poultry. Very poor poultry production methods prevail in the small flocks and some attempt will be made to encourage producers to care for their poultry better in an attempt to produce more home food.

6. In Agronomy

(a) Corn

4.5 acres of corn was grown in Lander County in 1941.

(b) Wheat

Approximately 100 acres of wheat was grown in 1941, none of which was fall wheat. One small field of fall wheat was seeded in the fall of 1941 however and will be watched to see the results of fall seeding in that locality.

(c) Barley

Very little barley is grown in Lander County. Most of that grown was grown in Northern Lander County.

(f) Alfalfa

(5) Production

Most of the farms in Southern Lander County have small amounts of alfalfa. Some effort has been given to the planting of more alfalfa, for the purpose of improving the quality of feed for the livestock and to get soil building crops on the soil. Two crops of hay are cut with an average yield per acre of about $2\frac{1}{2}$ tons according to estimates made. Especially in the ACP the use of alfalfa has been encouraged. The use of alfalfa in a rotation system on the cropland has been stressed.

(h) Pastures

(1 & 2) Introduction and Variety

The desirability of developing permanent pastures with mixed grasses and legumes has been stressed. For fairly wet pasture land Ladino and Strawberry clover have been recommended in mixtures with Brome and crested wheat grasses. However, most of the land dries up too much in late summer to support Ladino and Strawberry clovers. In some of the low canyons where water is ample, good pastures could be developed.

(1) Weeds

(8) White top

A small patch of white top near the road on the J. N. Bryan, Campbell Creek ranch, has been noticed and recommendations made regarding its control. Since the patch was small it was recommended that the weeds be dug with a shovel attempting to get all the rhizomes and root stalks. Mr. Bryan attempted to remove the weeds in this manner and the results will be noted next year.

(m) Ladino Clover

The agent has recommended the use of Ladino clover on fairly wet meadow and pasture land. Its use has been especially recommended as a pasture plant.

(o) Meadows

(1) Improvement

Considerable time was spent on the improvement of the hay meadows in Lander County. A good deal of meadow land exists in Lander County much of which is native grasses and small amounts of native clover. In a few meadows the results of some Alsike clover seed which Royal D. Crook, district extension agent, distributed in that county in 1932 can be seen. There is a considerable amount of Alsike in these meadows, which shows that it will stay and reseed itself over a number of years.

Two meadows of very high productivity and quality were observed, one of them being on the farm of R. H. Daniels in Smokey Valley the other on the farm of J. D. Callaghan. Both were meadows which had been plowed up in years before and seeded to Redtop and Timothy. The clover present are native and make up a small part of the coverage. The thing of interest is that both meadows are in canyons where they are well drained and are in rather light soil. These meadows have a supply of water late in the summer time, which keeps the plants from dying at that time. All the meadows on the lower lands are largely of sedges and rushes and are of a coarse wirey type. The wet springs and dry summers make it difficult for the better types of grasses and legumes to survive.

A test plot for demonstration purposes is being planned on the Streshley place to try out some of the better grasses and legumes on the lower heavy land meadows.

(p) Alsike Clover

The use of alsike clover has been recommended and encouraged by the agent for use in improving the meadows in Lander County.

7. In Agricultural Economics

(a) Marketing

Since the Assistant Agent was not well acquainted with the county during 1941 very little was attempted in the way of Agricultural Marketing. Beef and sheep men have been advised to practice close culling during 1941 to get the advantage of high prices and to avoid large numbers of stock on hand when prices fall.

(k) Agricultural Adjustment

The annual meeting of the Lander County Agricultural Conservation Association was held November 23, 1940 and the following committeemen were elected to serve for 1941:

Chairman	- Don F. Maestretti
Vice-Chairman	- Joe Streshley
Reg. Member	- E. R. Marvel
1st. Alternate	- Walter Schmidlein
2nd. Alternate	- J. D. Callaghan

At the beginning of 1941 the 1940 program was not complete and considerable time was spent in clearing that before the 1941 educational program could be completed. The educational program was completed in June and part of the compliance checked in June. On the 31st of October, 1941, there remained 13 ranches to be contacted for a recheck on the 1941 program. These farms will be checked soon and the entire program will be completed by the first of the coming year. The 1942 ACP and Farm Defense program is under way and will be complete by November 16, 1941.

The office of the association was transferred in January from Ely to Fallon where it functioned quite well until July when it became difficult to get a supervisor who could do the job on a part time basis. In September 1941 a county office was set up in Austin with Bert Gondolfo in charge as Administrative Assistant and as supervisor. Since that time the work has progressed satisfactorily.

During the year the soil building practices were stressed by the agent and advice given to the farmers and committee regarding the practices which should be encouraged. Such practices as reseeding meadows and range land where water is available have been stressed as these practices seem to be ones most needed.

An educational program on "food for defense" has been carried on by the supervisor and agent by explaining the goals set up to each rancher after getting his intentions for production in 1942.

8. In Animal Husbandry

(a) Beef Cattle

(1) Range improvement

Inasmuch as the county is new territory the Assistant Agent, a great deal could not be done with respect to range improvement except to make examinations of the ranges in an attempt to find a means of improving them. Some time has been spent in doing this.

The rainfall is very short over most of the range land in Lander County, therefore in the most part it is hopeless to attempt much artificial reseeding except in canyons and flats where springs and natural water accumulate in large enough quantities to support the better types of range grasses. Tests have shown that for desert ranges where the annual precipitation is less than 8 inches, artificial reseeding has little or no value. Where water is available either by creek, seepage or rainfall concentration there are hopes of building the ranges by introducing the better grasses and clover. This has been encouraged in contacts with ranchers.

Natural building up of the native grasses and brouse plants may be accomplished to some extent on the desert ranges by deferring the grazing on the area until the plants have an opportunity to produce seed and build up a surplus of energy in its root system. This has been encouraged through the Agricultural Conservation Program and by talking with ranchers regarding the ranges. Some of the better range land and poorer meadows might well be transformed into good pastures by reseeding and proper rotation.

Considerable amounts of White Sage in patches have been noted over the county, however, the plants are small. It is not known to the agent whether this valuable plant is increasing or decreasing in scope. Further observation will reveal something regarding this question.

(3) Purebred sires

Purebred rams and bulls have been encouraged for use on the range in Lander county and a large part of those who buy bulls and rams are now buying purebred stock. The bull and ram sale in Elko put several good quality animals into the county. This project is also being encouraged through 4-H Club work which in time should be a strong force in putting more purebreds on the ranges.

Dick Magee in Grass Valley is transferring over to purebred animals fast and is doing much to promote the purebred sire project.

J. N. Bryan bought in other states around 100 bulls, part of which he sold and part of which he is using on his range herds.

(4) Culling

The farmers and ranchers have been encouraged to use good bulls and practice close culling during 1941.

(b) Sheep

(2) Range Management

Farmers and the agent discussed the range management problem especially with relation to seasonal uses of the ranges and deferred grazing.

(7) Disease control

Literature was given to those requesting it relative to sheep diseases.

(h) Relationship of the public domain to the range industry

(2) Protective livestock associations

Considerable use is made of the Toyabe National Forest for range. The Toyabe Livestock Association has some activities in a protective way.

(3) Taylor Grazing Act

Since the Taylor Grazing Act does not extend into Lander County there were not problems with relation to it.

9. In Club Work

(a) Agricultural

(1), (2), (15) Beef cattle, Sheep, Flower gardens and home grounds

Two 4-H Club work in Lander County is small with regard to numbers of members, however, the work will eventually have an important place among the few eligible boys and girls. In 1941 there were 5 boys enrolled. These 5 boys carried and completed 7 projects, making 100% completions. All the goals set up were not reached however, as the plans were to start two purebred projects in 1941.

None were started, but plans are under way to start one or two in 1942. As the members live so far apart, club meetings are difficult, therefore none were attempted in 1941. Each boy carried his project individually.

Bert Gondolfo of Austin has consented to act as a 4-H Club leader for the coming year and a few more members are anticipated. Community club meetings will be attempted in Austin as most of the members stay in Austin during the winter months and it will give an opportunity to have some meetings without so much travel by the boys. To date no interest has been shown by any girls for club work.

The projects carried in 1941 consisted of 4 sheep projects, 2 beef and 1 landscaping project. The landscaping project carried by Roy Daniels was to landscape the new home his parents built in Smokey Valley. To date he has only cleared the yard and cleaned out brush, etc. He has plants heeled in to be planted this fall or next spring.

The livestock projects are all grade projects. However James and Harry Brown intend to buy purebred Rambouillet ewes and a buck to start breeding registered rams for sale, while Don and Bob Schmidlein have a similar project in mind.

None of the boys attended club camp in 1941. Roy Daniels planned to attend but dropped out at the last minute due to finding a job which he felt he could not afford to miss.

A few years should develop some good purebred projects.

10.. In Community Activities

(a) Farm Bureau cooperation

The Board of Directors of the Lander County Farm Bureau assisted in completing a program of work.

11. In Horticulture

(b) Family orchard improvement

Recommendations relative to pruning the home orchard were given to one farmer and plans are made to prune the orchard next spring.

12. In Control of Rodents and other Pests

(d) Gophers

Assistance was given Roy A. Brown in getting poison grain for poisoning gophers and the proper method of baiting for the gophers was explained.

15. In Publication

(a) Agricultural news writing

News articles of interest and value to agriculture were published in the Austin and Battle Mountain papers. These articles pertained mostly to the Agricultural Conservation Program.

19. Character and Scope of Office and Field Service

The Fallon Extension Office is located 113 miles from Austin which is about in the central part of southern Lander County, therefore the Assistant Agent had to do considerable traveling in order to make contacts with farms in the county. The territory was new to the agent so the contacts made were largely for the purpose of getting acquainted with the agriculture of the county, where the farms were located and something as to the size of the various enterprises carried out. Most of the work was directly in cooperation with the Agricultural Conservation Association, this being a handy organization to work through in becoming acquainted in the county. The field work was largely visiting farmers, inspecting meadows, and ranges and carrying on a little 4-H Club work. Much of the office work was in checking AAA forms and helping to carry on the AAA program.

20. Analysis and Interpretation of Tabular Summary

During the 9 months of service as Assistant County Extension Agent, 44 days were spent doing work in Lander County, 21 of which were in the office and 23 in the field. A total of 41 farm and home visits were made to 19 different farms in the county. Due to the long distance from the farms to the office only 12 office calls and 7 telephone calls were received. Days listed in the field were days spent away from the Fallon office, although part of these days were spent in the AAA office in Austin.

Thirty-eight days were spent in cooperation with the Agricultural Conservation Association, 3 days to 4-H Club work and 3 days to other projects in the county.

The Assistant Agent expects to spend much more time on Extension projects apart from AAA during the next year as he has become more familiar with the county.

VII. Outlook and Recommendations

The Extension program for 1942 should carry on more actively during the following year. Since a large part of the time spent during 1941 was in becoming acquainted with the problems, projects, and ranchers little could be done in an Extension program. The Agricultural Conservation Association will carry on well next year and should need less help from the agents. It is contemplated to do more work especially on the Purebred Sires project, Meadow Improvement project and the Range Improvement work, as these three seem to be the most important due to the livestock enterprise in the county.

It is recommended that the two agents working in the county make attempts to plan their work more together than in the past.

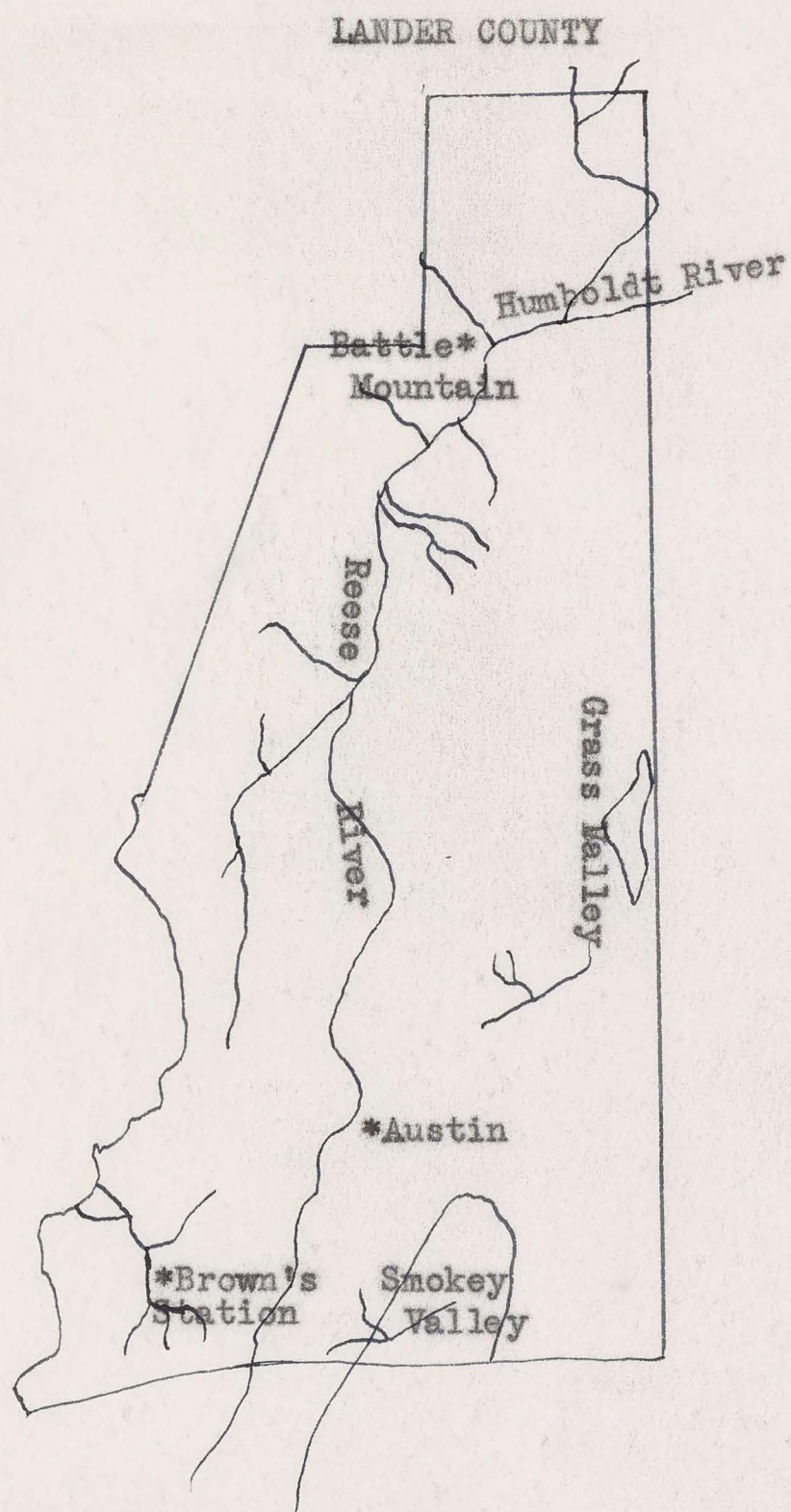
The projects which the Assistant Agent intends to carry on are:

- | | |
|-----------------------|--------------------------------------|
| 1. Farm Bureau | 5. Boys and Girls Club Work |
| 2. Purebred Sires | 6. Agricultural Conservation Program |
| 3. Range Inspections | 7. Banker-Farmer Cooperation |
| 4. Meadow Improvement | 8. Cattle Marketing |

VIII. Summary of Activities and Accomplishments

The accomplishments for 1941 consist of:

1. The enrollment of 5 boys in Club work with completed projects.
2. Assisted the Agricultural Conservation Association make reports for 16 farmers to receive payment under the 1940 Agricultural Conservation program and 42 farmers receive payment under the 1941 program.
3. Made inspections of the ranges and learned much regarding the range business in Lander county.
4. Inspected the mountain meadows and have plans for carrying out a meadow improvement demonstration in 1942.
5. Gave publicity to pertinent farm problems and interests.
6. Gave out information relative to good farming and ranching practices.
7. Helped promote a "food for defense" program in the county.
8. General conclusions have been drawn relative to the possible methods of carrying on Extension work in Lander County.



Lander County is divided into two districts for the purpose of Extension work. These two districts are the Southern and Northern. The farms are scattered over the entire county, usually being located along Reese River and creeks flowing from the mountains. The farms in the Southern district are located in three general localities. These are: 1. along Reese River; 2. In Smokey Valley, and 3. in and around Grass Valley.



A Lander County 4-H Club member took on the difficult job of landscaping the home shown under construction above.