

COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS.

U. S. DEPARTMENT OF AGRICULTURE  
AND STATE AGRICULTURAL COLLEGES  
COOPERATING.

STATES RELATIONS SERVICE, OFFICE OF  
EXTENSION WORK, NORTH AND WEST,  
WASHINGTON, D. C.

ANNUAL REPORT OF COUNTY AGENT. Leader

Due November 30, 1919.

State, Arizona County, \_\_\_\_\_

Report of W. H. Cook, County Agent. *Loz*

From Nov. 30, 1918, to November 30, 1919.

(If agent has not been employed entire year, indicate exact period. Agents resigning during year should make out this report before quitting the Service.)

PART II. TABULAR REPORT.

Index to State Tabular summary and  
analysis of demonstration work  
inserted following Page 4.

Index to classified distribution and  
analysis of county agents' time  
inserted following Page 6.

Approved:

Date, \_\_\_\_\_ (Name) \_\_\_\_\_

*President of Farm Bureau.*

Approved and forwarded by:

(Address) \_\_\_\_\_

Date, \_\_\_\_\_

*State County Agent Leader.*

## SUMMARY REPORT OF WORK OF COUNTY AGENT.

### TO THE COUNTY AGENT:

In the annual report due from each agent it is desired that the agent give a clear, concise account of the work of the year. This report should be divided into two parts: (1) A narrative report, and (2) a tabulated or summary report.

(1) **Narrative Report:** This is by far the more important part of the annual report and should be in effect a statement in orderly fashion, and under appropriate subheadings of the work done and the results secured under each project undertaken, as well as the miscellaneous work accomplished. This report may be illustrated with photographs, maps, diagrams, blue prints, or copies of charts used in demonstration work.

(2) **Summary Report:** This is really designed to be a summary of those features of the narrative report that can be tabulated. In order that comparable State and national summaries may be made, it is necessary that each agent use practically the same method of tabulating. To secure such uniformity, the accompanying blank has been prepared. It is based on the report blanks used by the agents since the work started and covers only the more usual phases of the work. Under each subdivision of the blank, space is provided to accommodate such entries as an individual agent may wish to make. Some of the questions will not apply to the work in a certain county, and these, of course, need not be answered. It may often happen that the added items are more important than the provided headings. It may also be necessary at times to make estimates, but, so far as possible, all data should be based on office records. The following pages are designed as a form which the agent may use in accounting for such phases of his work as it may be possible to put in tabular form.

*Instructions for tabulating results of demonstration work.*—Below are given instructions for use in filling out tables on page 5 of the summary report.

These tables are for the purpose of tabulating the definite demonstration work\* of the agent where accurate known results were secured. Under each of the following titles with appropriate subheadings list all demonstration work in relation to that subject: Corn, Oats, Wheat, Potatoes, Alfalfa, Other Farm Crops, Orchard Fruits, Small Fruits, Truck Crops, Soil Demonstrations, Liming, Green Manuring, Drainage, Miscellaneous Demonstrations in Relation to Crops and Soils, Feeding Demonstrations, Stock Judging, Hog-cholera Control, Blackleg Treatment, and Miscellaneous Demonstrations in Relation to Live Stock.

(1) In column 1 give the total number of demonstrations in regard to each particular subject, whether a meeting was held or not, but do not list demonstrations given at miscellaneous public meetings, such as institutes, short courses, farmers' clubs, etc.

(2) In column 2 list all demonstration meetings held.

(3) In column 3 give the total attendance at meetings listed in column 2.

(4) In column 4 give a measure of the total number of units involved in the demonstration in terms of acres, tons, bushels, etc.

(5) In column 5 give results of demonstrations, expressing results in terms of increased yield in bushels, tons, dollars, acres, etc. Indicate the measurement used. Do not give the increase in percentage.

(6) In column 6 give the total profit secured due to increase as given in column 5 after all additional expenses of the method demonstrated, including the extra cost of harvesting and marketing, have been deducted.

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\*A demonstration is an effort designed to show by example the practical application of an established fact. Demonstration may be of methods or results.

On this page draw or attach a map of your county, showing community boundaries and number of farm bureau members in each community.

Locate officers and executive committee with an X.

Locate community committeemen with a dot.

On this page draw or attach a map of your county, showing community boundaries, and locating thereon demonstrations listed on page 5 of this report.

## SUMMARY REPORT OF WORK OF COUNTY AGENT.

## (A) LIST OF DEMONSTRATIONS.

Name of demonstration, classifying under (1) crops, (2) live stock, (3) soil, (4) farm business, (5) miscellaneous.	1* Number of demonstrations, 1919.	2* Number of meetings at demonstrations, 1919.	3* Total attendance at meetings, 1919.	4* Total units in demonstrations, 1919.	5* Resultant increase (yield per acre or other measurement), 1919.	6* Total profit due to increase given in column 5, 1919.
ILLUSTRATIVE ENTRY.						
CROPS. <i>Oat Smut Control</i> .....	15	12	250	1,200 a.	8 bu. to a.	\$4,200

\* See explanation given on page 2, instructions for tabulating results of demonstration work.



## SUMMARY REPORT OF WORK OF COUNTY AGENT—Continued.

	Number.	
(B) CROP PROJECTS.		
<i>List only work done in connection with demonstrations and campaigns incident to crop projects.</i>		
1. Farms selecting seed corn in fall.....	67	1
2. Acres planted with fall selected seed corn.....	1192	2
3. Farms testing seed corn for germination.....	35	3
4. Acres planted with tested seed.....	733	4
5. Farms growing corn for ensilage.....	72	5
6. Acres of corn grown for ensilage.....	2057	6
7. Total number of farms on which corn growing was introduced or farm practice relative to corn culture modified as a result of corn projects (include spread of influence from demonstrations).....	138	7
8. Total acres of corn involved in question 7.....	1135	8
9. Farms treating seed wheat for smut.....	12	9
10. Acres sown with treated seed.....	400	10
11. Total number of farms on which wheat growing was introduced or farm practice relative to wheat culture modified as a result of wheat projects (include spread of influence from demonstrations).....	55	11
12. Total acres of wheat involved in question 11.....	1940	12
13. Farms treating seed oats for smut.....	3	13
14. Acres oats sown with treated seed.....	65	14
15. Total number of farms on which oats growing was introduced or farm practice relative to oats culture modified as a result of oats project (include spread of influence from demonstrations).....	50	15
16. Total acres of oats involved in question 15.....	1315	16
17. Farms treating seed potatoes for disease.....	13	17
18. Acres of potatoes planted with seed treated for disease.....	98	18
19. Total number of farms on which potato growing was introduced or farm practice relative to potato culture modified as result of potato projects (include spread of influence from demonstrations).....	5	19
20. Total acres of potatoes involved in question 19.....	11	20
21. Total number of farms on which hay growing was introduced or farm practice relative to hay culture modified as result of hay projects (include spread of influence from demonstrations).....	9	21

## SUMMARY REPORT OF WORK OF COUNTY AGENT—Continued.

	Number.	
22. Total acres of hay involved in question 21.....	331	22
23. Total number of farms on which alfalfa growing was introduced or farm practice relative to alfalfa culture modified as result of alfalfa projects (include spread of influence from demonstrations).....	23	23
24. Total acres of alfalfa involved in question 23.....	635	24
25. Total number of farms on which sweet clover growing was introduced or farm practice relative to sweet clover culture modified as result of sweet clover projects (include spread of influence from demonstrations).....	5	25
26. Total acres of sweet clover involved in question 25.....	47	26
27. Total number of farms on which soy bean growing was introduced or farm practice relative to soy bean culture modified as result of soy bean projects (include spread of influence from demonstrations).....	4	27
28. Total acres of soy beans involved in question 27.....	31	28
29. Total number of farms on which cow pea growing was introduced or farm practice relative to cow pea culture modified as result of cow pea projects (include spread of influence from demonstrations).....	13	29
30. Total acres of cow peas involved in question 29.....	174	30
31. Total number of farms on which winter or hairy vetch growing was introduced or farm practice relative to winter or hairy vetch culture modified as result of winter or hairy vetch projects (include spread of influence from demonstrations).....	1	31
32. Total acres of winter or hairy vetch involved in question 31.....	15	32
33. Total number of farms on which barley growing was introduced or farm practice relative to barley culture modified as result of barley projects (include spread of influence from demonstrations).....	27	33
34. Total acres of barley involved in question 33.....	675	34
35. Total number of farms on which rye growing was introduced or farm practice relative to rye culture modified as result of rye projects (include spread of influence from demonstrations).....	2	35
36. Total acres of rye involved in question 35.....	0	36
37. Total number of farms on which orchards were planted or farm practice relative to horticulture modified as result of orchard projects (include spread of influence from demonstrations).....	49	37
38. Total acres of orchards involved in question 37.....	254	38
39. Total number of farms on which red, alsike, or white clover growing was introduced or farm practice relative to red, alsike, or white clover culture modified as result of clover projects (include spread of influence from demonstrations).....	0	39
40. Total acres of clover involved in question 39.....	0	40



## SUMMARY REPORT OF WORK OF COUNTY AGENT—Continued.

	Number.	
41. Total number of farms on which bean growing was introduced or farm practice relative to bean culture modified as result of bean projects (include spread of influence from demonstrations) -----	0	41
42. Total acres of beans involved in question 41 -----	0	42
43. Total number of farms on which sorghum, Kafir, or feterita growing was introduced or farm practice relative to sorghum, Kafir, or feterita culture modified as result of sorghum, Kafir, or feterita projects (include spread of influence from demonstrations) -----	57	43
44. Total acres of sorghum, Kafir, or feterita involved in question 43 -----	936	44
45. Number of persons given information in regard to storing fruits and vegetables -----	1023	45
46. Number of persons assisted in home garden work -----	3868	46
47. Number of quarts of fruits and vegetables canned by adults, exclusive of regular boys' and girls' club work -----	24751	47
48. Number of canning demonstrations held for women -----	27	48
49. Pounds of fruit or vegetables dried -----	767	49
50. Eggs preserved (dozen) -----	192	50
51. Approximate value of garden products involved in question 46 -----	137,040	51
List below any additional work relative to crop projects not covered by above questions:		
No. of farmers assisted in growing cotton -----	363	
Acres represented -----	31177	
Cars of seed potatoes introduced -----	1	
Pounds of Hairy Peniuion seed secured -----	1500	
Tons of Milo seed certified for purity -----	2	
Acres of Broom corn grown at agent's suggestion -----	4	
Acres of Sudan grain grwon at agent's suggestion -----	45	
Cattle treated for lice -----	35	
Cattle treated for ear tick -----	500	
Farmers influenced and directed in planting trick -----	4	
United Verde Extension, Victory gardens -----	89	
Acerage -----	7½	
Value of produce grown -----	2913	
Pure Mebane cotton seed grown and saved for planting -----	400A.	

## SUMMARY REPORT OF WORK OF COUNTY AGENT—Continued.

	Number.	
(C) REPORT OF LIVE-STOCK PROJECTS.		
<i>List only work done in connection with demonstrations or campaigns incident to live-stock projects.</i>		
52. Registered stallions secured.....	0	52
53. Registered bulls secured.....	5	53
54. Registered cows secured.....	2	54
55. Registered rams secured.....	19	55
56. Registered boars secured.....	14	56
57. Registered sires (all kinds) transferred from one community to another.....	59	57
58. Cow-testing associations organized in 1919.....	0	58
59. Number of members in above associations.....	0	59
60. Cows tested or under test in 1919 for milk production in all such associations organized in 1919 or previously.....	0	60
61. Cows tested for milk production by individuals.....	17	61
62. Cows discarded as result of test (questions 60 and 61).....	2	62
63. Farms on which balanced rations were figured for farmers.....	38	63
64. Live-stock breeders' associations organized in 1919.....	0	64
65. Total membership in such live-stock breeders' associations.....	1	65
66. Animals tested for tuberculosis.....	46	66
67. Animals treated for blackleg.....	8700	67
68. Hogs vaccinated for cholera by farmers or veterinarians.....	7	68
69. Hogs vaccinated for cholera by agent (demonstrations only).....	7	69
70. Hog cholera control clubs organized in 1919.....	0	70
71. Silos erected.....	48	71
List below any additional work relative to live-stock projects not covered by above questions:		
Day old chicks secured for 33 families.....	4115	
Farmers given silo information.....	50	
Farmers given feeding information.....	20	
Daily cows sold through agent's help.....	80	
Screw worm remedies used on numerous ranches.		
Set of Silo forms belonging to Extension service used in constructing monolithic silos		

Hogs dipped for lice control  
 Cattle treated for ear tick

90  
 16

SUMMARY REPORT OF WORK OF COUNTY AGENT—Continued.

	Number.	
(D) SOILS, FERTILIZERS, AND FERTILITY PROJECTS.		
<i>List only work done in connection with demonstrations or campaigns incident to soils, fertilizers, and fertility projects.</i>		
72. Crop-rotation systems planned and adopted.....	20	72
73. Drainage systems planned and adopted.....	5	73
74. Acres included in these drainage areas.....	2682	74
75. Irrigation systems planned and adopted.....	18	75
76. Acres included in these irrigation areas.....	2860	76
77. Farmers reenforcing manure with acid phosphate or ground-rock phosphate.....	0	77
78. Farmers using commercial fertilizers.....	6	78
79. Tons of commercial fertilizers used.....	0	79
80. Farms on which fertilizers were home mixed.....	0	80
81. Tons of home-mixed fertilizers used.....	0	81
82. Farms testing soil for acidity.....	20	82
83. Farms using lime.....	2	83
84. Local sources of lime or limestone developed.....	2550	84
85. Limestone crushers or grinders introduced.....	0	85
86. Tons of lime or limestone used.....	0	86
87. Acres of hay land and permanent pasture top-dressed (straw, manure, or fertilizer).....	30	87
88. Acres of clover or other legumes plowed under for green manure.....	284	88
List below any additional work relative to soils, fertilizers, and fertility projects not covered by above questions:		
Acres covered with acid phosphate under agent's direction.....	300	
" omv;ved on alkali control work.....	2002	
Soil moisture determinations.....	6	
Introduced the disc. to make borders on farms.....	2	
Irrigation systems modified affecting.....	560 A.	

## SUMMARY REPORT OF WORK OF COUNTY AGENT—Continued.

	Number.	
(E) PROJECTS RELATING TO FARM HOMES AND FARM BUSINESS.		
<i>List only work done in connection with demonstrations and campaigns incident to farm home and farm business projects.</i>		
89. Farm account books placed in hands of farmers.....	50	89
90. Farmers who kept such accounts through the year.....	33	90
91. Farmers assisted by agent in summarizing their accounts.....	13	91
92. Farmers who made profitable changes in their business as result of record keeping.....	170	92
93. Farmers' exchanges organized in 1919.....	525	93
94. Value of business done in 1919 through all such exchanges organized by agent or his predecessors.....	320009	94
95. Other purchasing and marketing associations organized in 1919.....	13	95
96. Total value of business done in 1919 incident to question 95.....	362356	96
97. Approximate savings effected in 1919 by above associations and exchanges.....	23074	97
98. Farms rented in 1919 through such associations and exchanges.....	0	98
99. Farms supplied with labor in 1919 through such associations and exchanges.....	15	99
100. Total number of laborers furnished to farmers.....	557	100
101. Water-supply and sewage-disposal systems introduced.....	2	101
102. Farms cooperating in rodent or insect control work.....	1473	102
103. Total acres involved in question 102.....	398437	103
104. Farm loan associations organized.....	19	104
105. Number of farmers assisted in securing credit for purchase of machinery, seeds, fertilizers, or supplies.....	20	105
106. Number of farmers assisted in securing tractors, sprayers, ditching machines, or other power machinery to economize labor.....	389	106
List below any additional work relative to farm home and farm business projects not covered by above questions:		
Roden control campaign under way covering.....	150,000	
Farmers given tractor and implement help.....	125	
Farm Loan Assns. under way.....	2	
Cotton growers associations organized.....	2	
Acres of cotton involved.....	2,000	700
Cotton gin site secured thru association.....	1	
Financial support in advance toward gin.....	\$3,000	
Cement cistern cover suggested instead of iron-saued.....	\$60	

## SUMMARY REPORT OF WORK OF COUNTY AGENT—Continued.

	Number.	
(F) EXTENDING WORK OF THE AGENT IN THE COUNTY.		
107. Different farmers visited on their farms.....	2490	107
108. Total number of farm visits made.....	8099	108
109. Calls on agent at office relating to county agent work.....	6135	109
110. Meetings held under auspices of farm bureau or agent in which he took part.....	229	110
111. Total attendance at such meetings.....	13555	111
112. Membership in County Farm Bureau (November 30, 1919).....	827+	112
113. Increase or decrease in membership during year (Mark + or -).....	25+	113
114. Boys' and girls' clubs organized in 1919.....	8	114
115. Total membership in such clubs organized in 1919.....	59	115
116. Agricultural articles written by agent published in local papers.....	293	116
117. Agricultural articles written by agent for County Farm Bureau News.....	162	117
118. Letters mailed (include original copies of circular letters).....	5,713	118
119. Total circulation of all such circulars and circular letters.....	13,654	119
120. Local extension schools, including farmers' institutes at which county agent assisted.....	8	120
121. Days devoted by agent to above extension schools and institutes.....	24	121
122. Total enrollment at such schools and institutes.....	198	122
123. Agricultural observation parties conducted incident to project work.....	21	123
124. Total number of persons in such parties.....	583	124
125. Meetings or demonstrations held at which assistance was rendered by college or department specialists.....	95	125
*126. Number of questionnaires or other requests for information handled by agent for United States Department of Agriculture or other Federal officials.....	80	126
*127. Number of questionnaires or other requests for information handled by agent for agricultural college or other State institutions or officials.....	67	127
*128. Number of persons from college, U. S. department, or other public institutions calling on agent personally for assistance.....	45	128

\* See page 14.



**SUMMARY REPORT OF WORK OF COUNTY AGENT—Concluded.**

List below all work in relation to the projection of the agent's work throughout the county:

[A large rectangular area with horizontal dashed lines for writing.]

(Signed) \_\_\_\_\_ *County Agent.*

Date mailed to State county agent leader: \_\_\_\_\_