

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
Office of Indian Affairs  
Division of Extension and Industry

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PHOENIX, ARIZONA

ANNUAL REPORT OF EXTENSION WORKERS

Report of HOPI INDIAN AGENCY  
(Jurisdiction)  
KEAMS CANYON, ARIZONA  
(Reservation)

From January 1, 1938 to December 31, 1938

Signatures:

<u>Frank Miller</u> (Extension Worker)	<u>Jan. 30, 1939</u> (Date)
<u>Seth Wilson</u> (Supervisor)	<u>Jan. 30, 1939</u> (Date)
<u>(Supervisor of Extension Work)</u>	<u>FEB 10 1939</u> (Date)

6. Outlook and recommendations, including tentative projects and programs of work for the next year in outline form. (Programs of Work, including complete projects, are due at the respective extension supervisors' offices in duplicate February 1.)

#### Definition of Terms Used in Report

1. Extension work in the Indian Service includes those matters which relate to the economic and social development of the Indians, including stockraising, farming, the home, marketing and rural organizations, boys' and girls' 4-H Clubs, arts and crafts, leasing, reimbursable funds, credit revolving funds, etc.
2. A program of work is a statement of the specific lines of extension work to be undertaken during a year or a period of years by the extension workers.
3. A plan of work is a definite outline of procedure for carrying out the different phases of the program of work. Such a plan provides specifically for the means to be used and the methods of using them. It also shows what, how, when, and where the work is to be done, and who is to do it.
4. A community is a more or less well-defined group of Indian people with common interests and problems, into which a jurisdiction is divided for conducting organized extension work.
5. A 4-H Club is an organized group of boys and/or girls with the objective of demonstrating improved practices in agriculture or home economics, and/or providing desirable training for the members.
6. 4-H Club members enrolled are those boys and girls who actually start the work outlined for the year.
7. 4-H Club members completing are those boys and girls who satisfactorily finish the work outlined for the year.
8. Records consist of definite information on file in the office that will enable the worker to verify the data on extension work included in this report.
9. The Statistics should include only Indian activities and results of such activities.

#### Human Interest Stories

In addition to the narrative and statistical sections, each report should include at least three human interest stories---incidents which the workers have encountered in conducting extension work---which can be used for publicity purposes.

#### Accuracy

All figures entered in the statistical section should be carefully checked, and calculations carefully figured. Only the methods of measurement used in the report should be used--bushels, pounds, tons, etc. Answers should be definite. Such answers as "All", "All Adults", etc., are not satisfactory, as such information can not be tabulated.

1. Number of resident families: a. Enrolled at reservation: 751 b. Enrolled elsewhere: \_\_\_\_\_ c. Non-enrolled: \_\_\_\_\_ d. Total: \_\_\_\_\_
2. Estimated average family income from agriculture: 1/ \$ 212.00 (573)
3. Names of communities in which the extension program has been cooperatively worked out by extension workers and local committees: \_\_\_\_\_  
First Mesa - Second Mesa - Oraibi - Hotoville
4. Names of communities in which the extension program has not yet been cooperatively worked out: \_\_\_\_\_  
Note: Attach a sketch map 8" x 10 $\frac{1}{2}$ " showing districts and communities.
5. Community houses: a. No. built this year: \_\_\_\_\_ b. Total No. on reser.: 9\*  
Note: Attach a short narrative showing extent to which the community houses are used and include a list of equipment contained in the building.

Indian Extension Activity Groups (Include in 6. Nos. 10 and 11)	No.	Number of adult Indians belonging		
		Male	Female	Total
6. Indian Extension Organizations	0			0
7. County or State farm organ.	0			0
8. No. of adult ind. not belonging to any farm org.		0	0	0
9. No. of adult ind. who won County or State prizes on agri. products:				2
10. a. No. of cooperative livestock associations on reservation:				0
b. No. of members: Male: _____ Female: _____ Total: _____				
c. No. of livestock owned (1) Cattle: Females: _____ Bulls: _____ Steers: _____ by members: (2) Sheep: Ewes: _____ Rams: _____ Wethers: _____ (3) Other: _____				
11. No. of other cooperative associations: (Designate kind, numbers, and membership, and attach a short narrative including history, equipment owned and approx. value):				

Use	LAND USE 2/ (Do not report in fractional acres)						
	Tribal & trust or restr'd all't'd and administrative reserves			Fee Pat. Ind. owned & operated	Leased to Indians by Non-Indians	Total operated by Indians (D & E & F)	Leased to Indians by other Indians
	Total (C & D)	Used by Non-Indians	Used by Indians				
A	B	C	D	E	F	G	H 3/
12. Cultivated dry	5160		5160			5160	
13. Cultivated irrig.	11		11			11	
14. Grazed 4/	431023		431023			431023	
15. Timber operations	38465		38465			38465	
16. Other							
17. Total	474659		474659			474659	
18. Admin. Purposes	130	21. Total est. tillable acreage in net area: 8000					
19. Idle	25546	22. Total No. farms operated: (a) By Indians: 643					
20. Total net area 5/	499248	(b) By Non-Ind.: 0					

- 1/ Include only income from livestock and livestock products, farm crops, horticulture and gardens.
- 2/ The figures reported in this table must agree with the land-use figures as reported in the Superintendent's annual report.
- 3/ Acreage reported in Column H should be included in Column D and/or Column A
- 4/ All lands grazed including timber land grazed.
- 5/ Question 20, Column B must equal net area of reservation tribal and trust or restricted allotted and administrative reserve lands, or full explanation given.

	On hand begin. year	Acreage		Unit	Total Yield	Sales		Amt. used on farm for		On hand end year
		Planted	Harvested			Quantity	Dollars received	Feed and food	Seed	
Cereals 6/										
49. Field corn	10000	3539	3539	bu.	35000	2100	2520	25000	2000	105900
50. Sweet corn	100	120	120	bu.	1200			1100	100	100
51. Wheat				bu.						
52. Oats				bu.						
53. Barley				bu.						
54. Rye				bu.						
55. Wild rice				lbs.						
56. Other <sup>peas</sup> <del>peas</del> (designate)	10	11		bu.	110			100	10	10
57. Total	100110	3670	3659		36310			26200	2110	106010
Other crops										
58. Peas				bu.						
59. Beans	600	525	525	bu.	2100	500	950	1000	600	600
60. Chili peppers 7/	60	9	9	lbs.	1500			1400	60	100
61. Alfalfa seed				lbs.						
62. Clover seed				lbs.						
63. Potatoes not inc. in gard.				bu.						
64. Cotton				bales						
65. Sugar beets				ton						
66. Other crops (designate)										
67.										
68.										
69. Total	660	534	534		3600	500	950	2400	660	700

6/ The sum of the items in columns E, G, H, and I must equal the sum of columns A plus D.

7/ Report only in the equivalent of lbs. of dry peppers.

HORTICULTURE

Tree and vine fruits 8/	No. of trees or vines		Unit	Total Yield C	Disposition			
	Planted this yr. A	Produc- ing. B			Sales		Used on farm	
					Quantity D	Dollars received E	Used fresh F	Stored or Canned G
70. Apples	180	700	3 bu.	2100	300	240	500	1200
71. Pears	30	140	2 $\frac{1}{2}$ bu.	350	50	50	200	100
72. Plums and Prunes	6	8	2 bu.	16	-	-	10	6
73. Apricots	24	135	5 bu.	675	200	300	300	175
74. Peaches	260	1300	2 $\frac{1}{2}$ bu.	4500	500	500	1000	3000
75. Cherries	24	75	1 bu.	75	10	15	25	40
76. Grapes	60	210	bu.	210	50	50	100	60
77. Other (designate)								
78.								
79. Nuts			lbs.					
80. Dates			lbs.					
81. Figs			lbs.					
82. Other (designate)								
83. Total	xxx	xxx	xxx	xxx	xxx	\$1155.00	xxx	xxx
Small fruits								
84. Raspberries			qts.					
85. Strawberries			qts.					
86. Wild berries	xxx	xxx	qts.					
87. Other (designate)								
88. Total	xxx	xxx	xxx	xxx	xxx		xxx	xxx
89. Total acres: in questions 70-82 inclusive					220			
						in questions 84-87 inclusive		

8/ The sum of the items in columns D, F, and G must equal column C. Do not include in column G fruit purchased for canning.

**GARDENS**

	A	B	C	D	E	F	G	H	I	J	K
Storage goals for a family of five	1200# Potatoes	100# Onions	50# Dried corn	15# Pop-corn	300# Squash or pumpkins	400# Cabbage	100# Tomatoes	500# Carrots	300# Rutabaga or turnips	120# Red beets	200# Dry beans
No. families											
90. who reached		310	450	420	320				15		420
91. more than reached		240	310	280	80				5		80
92. Saved seeds		460	630	550	580				20		630

93. Estimated number of families who reached storage goals for 6 vegetables: 180

94. Present season's production was normal;     % above normal; 15% below normal.

	Family Gardens (Home)		Community Gardens		
	No. families planting	Acreage planted	Number	No. families planting	Acreage planted
	A	B	C	D	E
95. Dry	630	87			
96. Irrigated				630	12

97. Production yield of gardens:

	Pounds		Pounds		Pounds
a. Potatoes		g. Tomatoes		m. Red beets	
b. Sweet potatoes		h. Squash	120000	n. Turnips	6500
c. Onions	68000	i. Melons	320000	o. Other (Desig.)	
d. Corn (dried)	50000	j. Carrots	1500	p. _____	
e. Popcorn (dried)	5700	k. Beans	6000	q. _____	
f. Cabbage		l. Peas	2000	r. Total (a to q)	579700

**HOME EXTENSION WORK**

	Quarts Canned			Pounds Dried		
	Quantity	Estimated expense	Estimated value	Quantity	Estimated expense	Estimated value
	A	B	C	D	E	F
98. Fruits	3500	\$380	\$1051.			
99. Vegetables	2500	100	276			
100. Meats	500	20	55.			
101. Fish						
102. Total						

\* Garden acreage increase over previous reports, to include products listed normally listed under field production.

FARM AND HOME BUILDINGS

	A	B	C	D	E
	No. on reservation	No. new units constr. or instal.	Value new constr. or instal.	No. units remodeled or improved	Resulting increased value
103. Permanent dwellings	330	32	338,800.	87	118,800.
104. Barns	28	5	150.	8	150.
105. Hog houses	7	-	-	2	20.
106. Poultry houses	280	12	480	22	440.
107. Granaries or store-rooms	650	15	1125.	45	1300.
108. Silos	None	-	-	-	-
109. Toilets	38	12	240.	14	70.
110. Root cellars	53	8	480	16	400
111. Drainage systems	12	4	320	8	240
112. Farm irrigation systems	14	-	-	14	420
113. Terraces & soil-saving sys.	1	-	-	1	850
114. Water systems incl. wells	9	4	500	5	200
115. Heating systems Stoves- heaters	380	60	1200	160	640
116. Electric lighting systems	3	1	800	2	200
117. Miscellaneous (designate)					
- stock corrals	140	30	600	60	600.

Article	No. of pieces	Est. cost	Est. value	Article	No. of pieces	Est. cost	Est. value
118. Clothing				119. Household arti- cles			
a. Dresses				a. Quilts			
b. Underwear				b. Blankets			
c. Underskirts				c. Pillows			
d. Shirts				d. Pillow slips			
e. Coats				Pair			
f. Suits				e. Curtains			
g. Aprons				f. Rugs			
h. Sweaters				g. Soap			
i. Trousers				h. _____			
j. Gloves				i. _____			
Mittens				j. _____			
k. Moccasins				Total			
l. Pajamas or night dress				120. Home-made furni- ture constructed			
m. Coveralls							
n. _____							
Total				Total			