PHOENIX

5-344

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF INDIAN AFFAIRS
DIVISION OF EXTENSION AND INDUSTRY

ANNUAL REPORT OF EXTENSION WORK

Report of Hopi
(Jurisdiction)

Hopi
(Reservation)

Arizona
(State)

From January 1, 1942, to December 31, 1942.

Signatures:

Eugene D. Lowery — 1-10-43
(Extension Worker) (Date)

Burton A. Ladd — 1-10-43
(Superintendent) (Date)

HP1302

1. Total number resident Indian families (enrolled and nonenrolled)	2. Summary of Agricultural Operations			
	Total value of sales	Value of products consumed in home	Estimated total farm and livestock expenses	Total net agricultural income (A - B - C)
	A	B	C	D
* 703	$ 80,505	$ 75,318	$ 12,000	$ 143823

Total number having Agri. income	3. Distribution of Families by Estimated Net Agricultural Income — Number of families having net agricultural income									
	Under $50	$50 to $149	$150 to $249	$250 to $349	$350 to $449	$450 to $549	$550 to $649	$650 to $749	$750 to $999	$1,000 and over
A	B	C	D	E	F	G	H	I	J	K
475	82	150	100	60	50	7	5	8	6	7

Distribution of Families by Number of Livestock Owned

Kind of stock	Number of families having															
	None	1	2	3	4-9	10-19	20-29	30-39	40-49	50-74	75-99	100-149	150-199	200-299	300-499	500 and over
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
4. Cattle, beef	607	2	7	3	39	19	14	4	1	5		2				
5. Cattle, dairy	703															
6. Swine	701		2													
7. Sheep & Goats	429				1	17	28	56	40	74	14	30	8	5	1	

Livestock Products

Item	Unit	Production		Sales			Used on Farms and Homes	
		Quantity	Value $ (Gross)	Quantity	Unit Price	$ Received	Quantity	Value $ (Gross)
		A	B	C	D	E	F	G
8. Eggs	doz.	7800	3,120	300	.40	120	7500	3,000
9. Milk (Goats)	gal.	750	375				750	375
10. Butter Fat	lbs.							
11. Wool Mohair &	lbs.	78,250	23,475	78,250	.30	23,475		
12. Hides	lbs.	8,200	512	8,200	.0625	512		
13. Other (Spec.)								
14. Brought forward Item #23 (Cols. L plus N)				xxx	xxx	48,378	xxx	xxx
15. Brought forward Item #23 (Col. P)				xxx	xxx	xxx	xxx	19,995
16. Totals, Livestock & Livestock Products				xxx	xxx	72,485	xxx	23,370

* 58 Families at Moencopi not included
Navajo Service reports these.

Agency Hopi Reservation Hopi Dist.6 Year 19 42

HP1303

Agency Hopi Reservation Hopi Year 19 42

Kind	Opening Inventory Number	Acquisitions (Number)			No. Diff. Indians Purchasing	Pro-moted out	Reductions (Number)				
		Pro-moted in	Repay-ments	Pur-chases			Died, lost, stolen	Repay-ments	Sales (live)	Butch Sales (dressed)	
	A	B	C	D	E	F	G	H	I	J	
* 17. Cattle, beef, total	2118	1764		3		733	42		555	80	
(a) Cows	1188	230			xxx		18		118	16	
(b) Heifers	230	298			xxx	230	2		16	10	
(c) Steers	315	200			xxx		4		267	45	
(d) Calves	503	1031			xxx	503	18		147	9	
(e) Bulls	45	5		3	xxx				7		
** 18. Cattle, dairy, total											
(a) Cows					xxx						
(b) Heifers					xxx						
(c) Calves					xxx						
(d) Bulls					xxx						
19. Sheep, total	17 308	12 910		154		4910	715		1858		2
(a) Ewes	11 567	3 002			xxx		400		93		
(b) Lambs	4 910	8 000			xxx	4910	235		1765		1
(c) Wethers	600	1 908			xxx		60				
(d) Rams	231			154	xxx		20				
20. Swine, total	4	10				2					
(a) Sows	1	2			xxx						
(b) Pigs	2	8			xxx	2					
(c) Boars	1				xxx						
* 21. Horses & Mules, total	1646	349		10		196	46		80		
(a) Mares	343	73			xxx		9		17		
(b) Geldings	612	73		4	xxx		18		50		
(c) Colts	196	183			xxx	196	8		4		
(d) Stallions & Jacks	49				xxx		1		1		
(e) Mules or Burros	466	50		6	xxx		10		8		
22. Other livestock	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	
(a) Chickens	2000	xxx	4000	500		xxx	1500				2
(b) Turkeys	30	xxx	35			xxx	10				
(c) Waterfowl		xxx				xxx					
(d) Goats	1471	xxx	669			xxx	75				
(e) Other (Specify)		xxx				xxx					
23. Total	24,577	xxx	19737	667	xxx	5841 xxx	2388		2493	80	4

* Previous reports estimated- Cattle and horses were branded and these figures are correct.
It is impossible to use previous closing inventory and arrive at the correct figures.

HP1304

	Sales			Home Consumption Dressed		Closing Inventory		Number Indians Coming
ered Home con.	Live Dollars Rec'd.	Dressed Pounds	Dressed Dollars Rec'd.	Pounds	Value (dollars)	Number	Value (dollars)	
K	L	M	N	O	P	Q	R	S
50	30,993	22,110	3166	11300	1695	2425	137,910	96
	6,046	5 000	600			1203	78,195	xxx
	864	2 800	420			270	14,850	xxx
30	16,775	12 600	1890	7500	1125	69	4,485	xxx
20	6,373	1 710	256	3800	570	837	33,480	xxx
	340					46	6,900	xxx
								xxx
								xxx
								xxx
								xxx
069	13822			87 400	13 690	20820	146890	274
276	232			16,800	2 400	13800	96600	xxx
000	13590			30,000	4 500	5000	35,000	xxx
774				38,700	6,000	1674	8,370	xxx
19				1,900	190	346	6,920	xxx
3				300	90	9	150	
						3	70	xxx
3				300	90	5	50	xxx
						1	30	xxx
	392					1683	40880	450
	85					390	9750	xxx
	250					621	18630	xxx
	12					141	1410	xxx
	5					47	1410	xxx
	40					484	9680	xxx
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
000				4000	1000	3000	2000	
20						35	105	
645				25,800	4,120	1420	3000	
787		22110	3166	128,800	19,995	29392	330,935	xxx

2565

** No Dairy cows owned by Hopis

Field Crops

Crop	Unit	Acreage: Planted (A)	Acreage: Harvested (B)	Total Yield: Quantity (C)	Total Yield: Value $ (Gross) (D)	Sales: Quantity (E)	Sales: $ Received (F)	Quantity used on farm for: Seed (G)	Feed (H)	Food (I)
24. Forage, total	ton	55	55	25	250			xxx	25	xxx
(a) Alfalfa	ton							xxx		xxx
(b) Oth.Peren.hay	ton							xxx		xxx
(c) Ann. forage	ton	55	55	25	250			xxx	25	xxx
(d) Wild hay	ton							xxx		xxx
25. Cereal Grains,tot.	bu.	4430	4430	21,200	25 500	3100	3720	825	4000	13,275
(a) Corn field	bu.	4200	4200	20,000	24,000	3100	3,720	800	4000	12,100
(b) ~~Wheat~~ Sweet Corn	bu.	230	230	1 200	~~1 500~~ 1 500			25		1,175
(c) Oats	bu.									
(d) Barley	bu.									
(e) Other cereals	bu.									
26. Other field,tot.	xxx	305	305	xxx	4000	xxx	2500	25		875
(a) Potatoes	bu.	5	5	300	300			25		275
(b) Cotton	bales									
(c) Melons	tons	300	300	750	7500	250	2500			500
(d) Other	xxx			xxx		xxx		xxx	xxx	xxx
27. Total	xxx	4790	4790	xxx	33,550	xxx	6220	xxx	xxx	xxx

Horticulture

Item	Unit	No. of trees or vines: Planted this yr. (A)	No. of trees or vines: Producing (B)	Total yield: Quantity (C)	Total yield: Value $ (Gross) (D)	Sales: Quantity (E)	Sales: $ Received (F)	Quantity home consumed (G)	Acres (H)
28. Tree fruits	bu.	200	46,476	15,242	30,484	900	1800	14,342	813
29. Nuts(excl.wild)	lbs.								
30. Berries " "	qts.	xxx	xxx						
31. Total	xxx	xxx	xxx	xxx	30,484	xxx	1800	xxx	813

Garden

Kind	Family (home): No. families planting (A)	Family (home): Total acres planted (B)	Family (home): Value of yield (Gross)$ (C)	Community: No. families planting (D)	Community: Total acres planted (E)	Community: Value of yield (Gross)$ (F)
32. Dry	0					
33. Irrigated	130	27	2000			

Agency Hopi

Reservation Hopi

Dist. 6

Year 19 ~~43~~ 42

34. No. of different families producing gardens 130

35. Acres double cropped 24 to 33 0

HP1306

Land Under A.A.A. Program (Trust or Restricted Lands)

Type of Ownership	Crop Lands			Grazing Lands		
	Acres	Amount of A.A.A. Benefit Payments $		Acres	Amount of A.A.A. Benefit Payments $	
		Owner	Lessee		Owner	Lessee
	A	B	C	D	E	F
36. ~~Ind. Tribal and operated~~ Tribal	6,084	4,250	xxx	253,580	11,007	xxx
37. Leased to Non-Ind. from Ind.			xxx			xxx
38. Leased to Ind. from oth. Ind.						
39. Leased to Ind. from Non-Ind.		xxx			xxx	
40. Total	6,084	4,250		253,580	11,007	

Expenses of Agricultural Production

Cost of Production	Livestock	Livestock products	Field crops	Horticultural crops	Garden crops	Total
	A	B	C	D	E	F
41. Actual expense	$ 6000	$ 800	$4000	$ 1100	$ 100	$ 1200

4-H Club Work

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
	Corn	Other cereals	Potato	Garden	Poultry	Dairy Cattle	Beef Cattle	Sheep	Swine	Canning	Sewing	Clothing	Handicraft		Total 1/	No. different members
Proj. Enrollment: 42. Boys																
43. Girls																
Completions: 44. Boys																
45. Girls																
Units	Acres				Head					Cts.	Pieces				xxx	xxx
46. No. units involved															xxx	xxx

1/ Each figure in Column O must equal the total of Columns A to N, inclusive.

47. Percentage of completions (proj. enrol. - Col. O)_____%; if below 80% explain in project summary

48. (a) No. 4-H Clubs_____(b) No. members who won county prizes_____(c) who won state prizes_____

49. Estimated number of boys and girls of Club age: Boys:_____ Girls:_____

50. Total estimated value of all 4-H Club products: $_____

Agency Hopi Reservation Hopi Dist. 6 Year 19~~43~~ 42

HP1307

FOOD PRODUCED AND CONSUMED						
Kind	Unit	Total produced and consumed	Used fresh	Canned	Dried	Stored
		A	B	C	D	E
51. Milk	gals.	750	750			
52. Potatoes (including sweet)	lbs.	18000				1500
53. Mature dry legumes, nuts	lbs.	~~24000~~		1000	3800	3800
54. Tomatoes, citrus fruits	lbs.	5000	5000			
55. Leafy, green, yellow vegetables	lbs.					
56. Other vegetables and fruits	lbs.					
57. Eggs	doz.	7500	7500			
58. Meat, poultry, fish	lbs.					
59. Flour, cereals	lbs.	1,272,000	100,000		1,172,000	1,272,000
60. Butter fats	lbs.					
61. Other fats	lbs.					
62. Sugars (Honey, maple sugar, etc.)	lbs.					

CLOTHING AND HOUSEHOLD ARTICLES MADE		
Type of Article	Estimated Expense (Dollars)	Estimated Gross Value (Dollars)
	A	B
63. Clothing	450	1600
64. Household articles (Pottery)	Labor only	400
65. Furniture constructed	100	200

Agency Hopi Reservation Hopi Dist. 6 Year 19 ~~43~~ 42

HP1308

Indian Cooperative Associations and other Enterprises as of December 31, 1942

Type of Enterprise	Name of Enterprise	Formally Organized	Chartered by Tribe	Incorp'ted state laws	Date approved by Ind. Office	Number Indian Members	Ownership: Individual	Ownership: Group	Number of Units Operated Cooperatively: Cows	Bulls	Sheep	Horses	Other (Specify)
	A	B	C	D	E	F	G	H	I	J	K	L	M
66. Tribal Enterprises, total	xxx	xx	xx	xx	xxx								xxx
(a) Bull pool	Hopi Tribal Ram Enterprise	yes		no	6/27/42	274		✓			100		
(b) Farming													
(c) Cattle prod													
(d) Seed													
(e) Tractor and Machine													
(f) Lend Credit Funds													
(g) Stores													
(h) Sawmill													
(i) Other													
(j)													
(k)													
67. Co-op. Asso., total	xxx	xx	xx	xx	xxx								xxx
(a) Stock, c. only	Polacca Stockgrowers Ass'n	yes		no	1941	11		✓		8			
(b) Stock, c. only	Hopi Stockmens Union	yes		no	1940	21		✓		15			
(c) Stock, c. only													
(d) Stock, c. only													
(e) Stock, c - s													
(f) Stock, c - h													
(g) Stock, h. only													
(h) Stock, s. only													
(i) Farm. and Machine													
(j) Stores													
(k) Credit													
(l) Other													
68. Other, total	xxx	xx	xx	xx	xxx								xxx
(a)													
(b)													
69. TOTAL	xxx	xx	xx	xx	xxx	306				23	100		xxx

Agency Hopi Reservation Hopi Dist. 6 Year 19 42

HP1309

LANDS BY TRIBES - NET AREA OF RESERVATION

Type of Land or Use	Land owned by Indians				Gov't. owned	Non-Indian owned
	Total	Trust Allotted	Tribal	Fee Patent		
16. Total beginning of year *			501,912		30	
I. Increases						
a. Acquisitions						
b. Corrections			[illegible]			
II. Decreases						
a. Losses						
b. Corrections						
17. Total, end of year			501,942 87			
18. TOTAL AREA UNDER IRRIGATION DIVISION PROJECTS						
19. TOTAL AREA UNDER FORESTRY & GRAZING DIV. SUPERVISION			494,782			

Lands Indian Operated (Line 1, Col. II)

Lands Non-Indian Operated (Line 1, Col. IX)

* Figures reported on this line must agree with those reported on Line 17 of last year's report. Any difference between the figures reported on Lines 16 and 17 of this years report must be fully accounted for in the tables on the reverse side of the form as well as in Lines 16, I and II.

E. Vance Day	Range Supervisor	1-23-43
Compiled by	Title	Date
Compiled by	Title	Date
Compiled by	Title	Date
Eugene D. Lowery	Agri. Aide	1-23-43
Verified by	Title	Date
Approved by	Title	Date

HP1310

ANNUAL NARRATIVE OF EXTENSION WORK.
Calendar Year 1942
Hopi Indian Agency
Keams Canyon, Arizona

When the extension worker Eugene D. Lowery was transferred to the Hopi Jurisdiction March 1, 1942 (Position Range Rider) the Jr. Agricultural Extension Agent J. K. Hall was on sick leave, and had been for four months. He did not return until May 1, 1942. After attending a few meetings, work was started to gather individual rams for the recently fenced ram pasture. Within six weeks 70% of all rams were in the pasture which was very good for the first year.

A rodent control project was completed by the first of May. This project was carried out in cooperation with other departments in which 7,000 acres of farm and range lands were treated. The CCC-ID furnished special trained enrollees to supervise the distribution of the poison.

The Jr. Agricultural Extension Agent (Mr. Hall) returned to duty May the first, and the next four months were spent on making reimbursable loans to individual Indians and to the tribe. 54 C type purebred Rambouillet rams, three registered Hereford bulls, one wagon, five work teams, and several sets of harness, etc., were purchased on loans by individuals. The Hopi tribe secured a loan from Industry Among Indians funds and purchased 100 C type Rambouillet rams to put out on a rental basis to individual Indians. All available rams were used this past fall. 52% of all rams in use on the Hopi range at present are C type purebred Rambouillet rams. 60% of all bulls in use on the Hopi range are registered Herefords.

Sheep dipping was completed in August. A total of 26,000 sheep and goats were dipped. 54.6% lamb crop which was very poor. The poor lamb crop was due to a combination of several things, a shortage of rams, the rams they had were of an inferior breed , and poor range and livestock management practices.

Six sets of branding corrals were built. The materials were furnished by the Government and the Hopi stockmen donated the labor. All horses and cattle were branded with the Indian's individual brand and also the tribal brand (H5). This is the first time in several years that all Hopi livestock have been branded, dipped and tallyed.

This year was exceptionally dry, and there was a shortage of water on both irrigated projects within the jurisdiction.

The Jeddito Project was formed by the Polacca Stockgrower's Association. They planted wheat and raised 25 tons of hay which was used to feed the Association bulls and their work stock. In addition they each raised a very nice garden.

One allottee on the Phillips Farm Project raised some cane which did very well as he made 97 gallons of syrup. Rock has been hauled for the construction of all homes. Actual construction has started on two houses, but cold weather has curtailed this work.

Eugene D. Lowery

HP1311

District #6 Hopi Indian Reservation

	(From An. Report) Number Sold	Average Live Weight Per Animal Sold	Total Gross Weight of all Animals Sold
Beef Cattle			
Cows	118	751	88618
Heifers	16	540	8640
Steers	267	613	164371
Calves	147	382	56154
Bulls	7	570	3990
Sheep & Goats			
Ewes	93	90	8370
Lambs	1765	70	123550
Wethers	35	100	3500
Kids			
Rams			
Swine			
Sows			
Pigs			
Boars			
Poultry			
Chickens			
Turkeys			
Water fowl			