UNITED STATES DEPARTMENT OF AGRICULTURE
Bureau of Agricultural Economics
Office of the Agricultural Statistician

SPECIAL PACIFIC NORTHWEST FRUIT AND BERRY SURVEY

PEARS

AVERAGE YIELDS PER TREE BY AGE GROUPS AND VARIETIES CROP OF 1935

WASHINGTON

and

OREGON

306 U. S. Courthouse

Portland, Oregon

. greet agosmalleneth

Issued July, 1938

INTRODUCTION

The data shown in this booklet for Pears are a by-product of the results obtained from the Special Pacific Northwest Fruit Tree and Berry Acreage Survey conducted in the State of Washington in 1936. In this Survey the fruit trees were enumerated by kind, variety and age groups, and production by kind and variety for 1935. In this booklet the average yields per tree for the crop of 1935, as reported by growers, are shown for varieties and age groups by districts and State. As the yields shown are a composite of a number of different counties within the district, they should not be construed as being representative of any particular county. Likewise, as the data are for one year only, the entire yield schedule might be either up or down for any other year, though 1935 was considered about average insofar as yields are concerned. Individual orchards may vary greatly from the yields shown, though it is believed that the data give a reliable picture of the effect of increasing age upon the yields of Pear trees in the State of Washington.

The yields shown include graded fruit, culls and that part of the crop which remained unharvested.

In many cases growers reported trees of a certain variety of Pears in only one age group. From these reports it was possible to determine the yield per tree by age groups and varieties, on the basis of a considerable proportion of the total trees enumerated. In preparing the data in this booklet the number of trees of a single age group, with their production in 1935, were relisted by varieties and the average yields derived by districts and State. In some cases the enumerators were able to secure the number of trees but not the amount produced by those trees in 1935. In such cases, if the trees were from 2 to 5 years old, the production was considered to have been "zero". In the age groups for trees older than 5 years, a report showing "No Production" was edited out unless it was clearly shown by the schedule that the crop had actually failed.

The straight average yield per tree derived in each county by age group and variety, was weighted by the number of trees enumerated for this age group and variety in the county. The sum of the extensions in the district was then divided by the sum of the weights to arrive at the weighted average yield per tree for the particular variety and age group in the district. In this manner counties in which large numbers of trees were enumerated, were given their proportionate importance relative to the average yield per tree. To test the weighted average yields per tree, the total number of trees in each age group in the State was multiplied by the derived average yields in the age group and the total accumulated production was compared with the total production enumerated for that particular kind or variety. The accumulated computed production by varieties ranged from 7 percent below for D'Anjou to 5 percent above the enumerated production for Bartletts. In preparing the Charts found on the even numbered pages of this booklet the weighted average yields por tree were used. While the indicated yields per tree vary greatly between districts, questions involving the various horticultural aspects, agronomy and geographical location, as these may bear upon the yield, have not been considered in preparing this booklet. The yields shown were derived from a purely mathematical procedure, based on reports from growers.

> C. J. BORUM, Agricultural Statistician . In Charge

PAUL C. NEWMAN, Associate Statistician

C. J. HELTEMES, Assistant Statistician

FIRST HALF OF BOOKLET

WASHINGTON PEARS

TABLE OF CONTENTS

Page	Chart	Table
1	Map of Washington Fruit Districts	
2	Introduction	
	AVERAGE YIELDS PER TREE BY AGE GROUPS:	
3 & 4	Total Pears	1 & 2
5 & 6	Winter Pears 2	3 & 4
7 & 8	Bartlett 3	5 & 6
9 & 10	D'Anjou 4	7 & 8
11 & 12	Nelis 5	9 & 10
13 & 14	Bose 6	11 & 12
15 & 16	Miscellaneous Pears 7	13 & 14

LAST HALF OF BOOKLET

OREGON PEARS

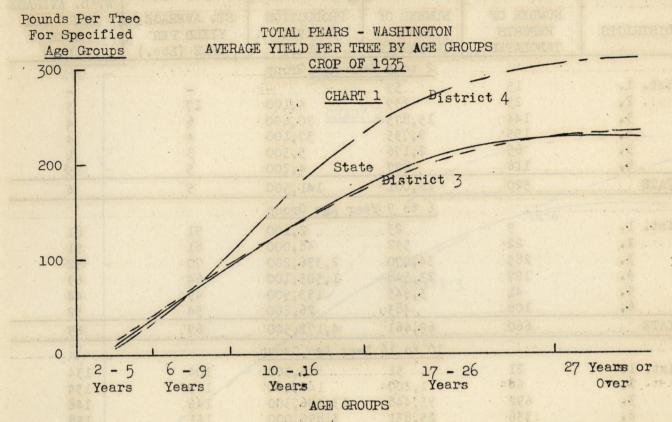
TABLE OF CONTENTS

P	age	The second secon	Chart	Table
		Map of Oregon Crop Reporting Districts		
	1	Introduction		
		AVERAGE YIELDS PER TREE BY AGE GROUPS:		
2	& 3	Total Pears	1	1 & 2
4	% 5	Winter Pears	2	3 & 4
6 8	& 7	Bartlett	3	5 & 6
8 8	k 9	D'Anjou	4	7 & 8
10 8	c 11	Bosc	5	9 & 10
12 8	c 13	Miscellaneous Pears	6	11 & 12

This booklet has been made possible by the cooperation of the Works Progress Administration as follows:
The field enumeration was made under W. P. A. Project O.P.
65-93-2049. The tabulation, summarization and analysis of
the data in this booklet was made under W. P. A. Project
O.P. 465-93-3-140. Both of the above mentioned projects
were sponsored by the Agricultural Experiment Station of
the State College of Washington. The four agencies cooperating in making the field enumeration under W. P. A.
Project O.P. 65-93-2049 were The Division of Horticulture
of the Washington State Department of Agriculture; The
Division of Farm Management and Agricultural Economics, Agricultural Experiment Station of the State College of Washington; The Federal Lend Bank of Spokane, and the Bureau of
Agricultural Economics of the U. S. Department of Agriculture.

The General Crops Section of the Agricultural Adjustment Administration contributed valuable support to the Survey by providing part of the technical and clerical personnel required in the collection and summarization of the data.

Table 1.	1. TOTAL PEARS - WASHINGTON AVERAGE YIELD PER TREE BY AGE GROUPS - CROP OF 1935					
		THE RESIDENCE AND ADDRESS.		ST. AVERAGE	WT'D. AVERAGE	
DISTRICTS	NUMBER OF	NUMBER OF	PRODUCTION	YIELD PER	YIELD PER	
DISTRICTS	REPORTS	TREES	IN 1935	TREE	TREE	
97100 3000 D	TABULATED	IN SAMPLE	(Lbs.)	(Lbs.)	(Lbs.)	
not eve tor	y from Berial was in	Track of Laboratory Street	ear Age Group			
Dist. 1.	73	250	2,000	8	8	
2.	70	518	7,300	14	5	
4.	237 281	32,282	318,800	10	12	
5.	203	15,723	132,900	8	9	
6.	261	5,712	18,500	5	2 .	
STATE	1,125	55,974	487,400		6	
on est to e	rutero elemina		ear Age Group	9	10	
Dist. 1.	45	234	13,300	57	85	
2. 1014	56	1,704	123,600	73	79	
3.	625	135,435	9,615,800	71	71 6000	
4.	401	65,321	4,375,200	67	68	
5.	174	9,730	286;600	29	29	
6.	283	1,488	70,200	47	47	
STATE	1,584	213,912	14,484,700	68	69	
		10 to 16 Ye	ar Age Group			
Dist. 1.	84	474	43,400	92	97	
2.	142	3,058	367,400	120	126	
3.	1,428	342,294	46,129,200	135	135	
5.	684	53,045	8,914,400	168	174	
6.	422	9,330	578,900	62	70	
STATE		6,075	427,200	70	70	
DIATE	3,538	414,276	56,460,500	136	138	
Dist. 1.	200		ar Age Group	vo bohmares es		
Dist. 1.	108	1,257	169,500	135	132	
3.	240 1,171	4,755	876,700	184	188	
4.	809	148,208 38,351	31,515,500	213	209	
	535	10,292	10,907,900	284	292	
5.	1,074	5,520	491,500	121 89	142	
STATE	3,937	208,383	45,204,500	217	91	
- ently lyteltor			Lder Age Group	donbord letor	esta stazie here	
Dist. 1.	89	843	177,900	211	209	
2.	65	1,303	267,600	205	196	
3.	322	34,182	8,195,000	240	235	
4.	197	5,082	1,542,700	304	313	
5.	852	5,003	837,500	167	168	
6.	2,130	11,019	1,089,800	99	98	
STATE	3,655	57,432	12,110,500	211	224	
Digt 7			ear or less Exc		Several desired	
Dist. 1.	399	3,058	406,100	133	121	
3.	573	11,338	1,642,600	145	143	
4.	3,783 2,372	692,401	95,774,300	138	132	
5.	2,186	177,522	25,873,100	146	145	
6.	4,526	25,591	2,964,900 2,086,600	74 82	83	
STATE	13,839				81	
	-/,0//	747,711	128,747,600	136	131	



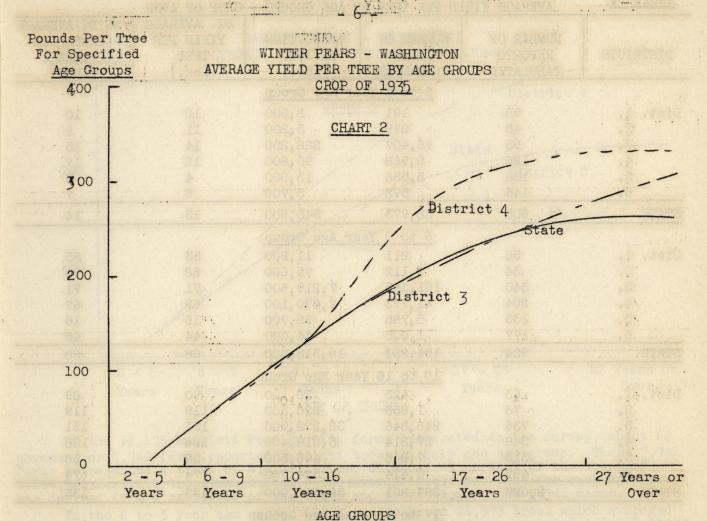
The data presented for Total Pears on Page 3 is a combination of the varietal data found on Pages 7, 9, 11, 13 and 15. While only 12,713 Pear growing farms were enumerated in the Survey, many farms grew more than one variety of Pears and the sum of the varietal reports exceeds the total number of farms reporting Pear trees. The average yield per tree for each age group was derived from relisting by varieties, the trees and production from 13,839 reports.

In the 2 to 5 year age group 55,974 Pear trees of all varieties averaged 10 pounds per tree, while 213,912 trees in the 6 to 9 year group averaged 69 pounds. In the 10 to 16 year group 414,276 trees averaged 138 pounds; in the 17 to 26 year group 208,383 trees averaged 215 pounds, and in the 27 year or older group 57,432 trees averaged 224 pounds per tree.

Table 2.	TOTAL PEARS - WASHINGTON							
14010 1	AVERAGE YIE	AVERAGE YIELD PER TREE BY AGE GROUPS - CROP OF 1935						
DISTRICTS	2 to 5 Years	6 to 9 Years	roups 10 to 16 Years	17 to 26 Years	27 Years and Over			
79.5	i jar	Yield i	n Pounds					
District 1.	8	85.	97	132	209			
District 2.	5	79	126	188	196			
District 3.	12	71	135	209	235			
District 4.	9	68	174	292	313			
District 5.	2	29	70	142	168]			
District 6.	6	47	70	91	98.			
STATE AVERAGE	10	69	138	215	224			

	#	1
•	' '	7785

Table 3.	WINTER PEARS - WASHINGTON AVERAGE YIELD PER TREE BY AGE GROUPS - CROP OF 1935					
	A Secretary of the second	Charles and Charles	12012 GROOTE	1	WT'D. AVERAGE	
	NUMBER OF	NUMBER OF	PRODUCTION	ST. AVERAGE	YIELD PER	
DISTRICTS	REPORTS	TREES	IN 1935	YIELD PER	TREE	
THE RESERVE OF THE RE	TABULATED	IN SAMPLE	(Lbs.)	TREE (Lbs.)	(Lbs.)	
		2 to 5 Ye	ar Age Group	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(200.)	
Dist. 1.	15	59	1-go -10up			
2.	25	239	4,100	10	-	
3.	144	15,875	90,600	17	3	
4.	155	9,755	37,100	0	4	
5.	65	2,176	5,500	3	4	
6.	116	897	4,200	3 5	5	
STATE	520	29,001	141,500	5	4	
			ar Age Group)	4	
Dist. 1.	9	23	2,100	91	81	
2.	22	592	48,000	81	91	
3.	285	34,070	2,396,200	70	72	
4.	197	23,548	1,505,100	64	69	
5.	41	3,945	193,900	49	44	
6.	106	483	26,200	54	52	
STATE	660	62,661	4,171,500	67	69	
			ear Age Group			
Dist. 1.	21	51	5,300	104	134	
2.	64	1,200	147,100	123	134	
3.	692	95,448	13,906,300	146	148	
4.	336	25,831	3,896,000	151	158	
5.	109	2,284	172,400	75	94	
6.	289	1,661	102,500	62	62	
STATE	1,511	126,475	18,229,600	144	148	
T. serieticy		17 to 26 Ye	ear Age Group	per tot post req	bisiv egazeva	
Dist. 1.	30	322	79,800	248	178	
2.	108	1,609	318,200	198	220	
3.	612	49,999	12,027,700	241	238	
4.	376	15,373	4,688,400	305	318	
5.	186	5,628	741,600	132	155	
	441	2,457	191,100	78	84	
STATE	1,753	75,388	18,046,800	239	238	
Di marianta	2'		der Age Group			
Dist. 1.	34	195	43,200	222	212	
2.	30	514	133,300	259	243	
3.	185	9,176	2,776,300	303	308	
4. 5.	87	1,445	459,500	318	331	
6.	349 968	1,554	345,500	222	222	
		5,546	492,400	89	87	
STATE	1,653	18,430	4,250,200	231	258	
Dist. 1.	Total - A		ear or less Ex		of doluteld	
2.	249	650	130,400	201	161	
3.	1,918	4,154	650,700	157	152	
4.	1,151	204,568	31,197,100	153	146	
5.	750	75,952 15,587	10,586,100	139	139	
6.	1,920	11,044	1,458,900	94	108	
STATE	6,097		The same of the sa	74	. 75	
-	0,0/1	311,955	44,839,600	144	1'40	

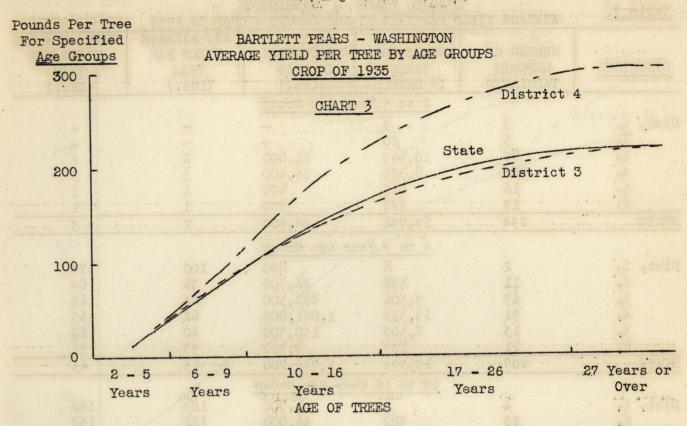


HEART - THATE

The data for Winter Pears on Page 5 is a combination of the varietal data for D'Anjou, Nelis, Bosc and Miscellaneous Pears. The yields per tree begin at 4 pounds in the 2 to 5 year age group, rise to 69 pounds in the 6 to 9 year group; 148 pounds in the 10 to 16 year group; 238 pounds in the 17 to 26 year group, and 258 pounds in the 27 year or older group. The average yield per tree for all ages of Winter Pears in 1935 was 140 pounds compared with 127 pounds for Bartletts and 131 pounds for all Pears.

Table 4.	AUUT AUSTER		- WASHINGTON	non della	Trans.
	AVERAGE YIELI	THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TO THE OWNER, THE		CROP OF 1935	
DISTRICTS	2 + 5	THE RESERVE AND PERSONS ASSESSED AND PARTY OF THE PERSONS ASSESSED.	roups	25 1 - 0(00 4
DISTRICTS	2 to 5	6 to 9	10 to 16	17 to 26	27 Years
	Years	Years	Years	Years	and Over
		Yield i	n Pounds	27 011	
District 1.	THE BUT	81	134	178	212
		osp, wee	11804.2	171 sac p	100,5
District 2.	3	91	134	220	243
District 3.	4	72	148	238	308
		097, 378	13804,3	272 00s	Mil .tela
District 4.	4	69	158	318	331
	assa, f		Sed value	LIX cas, L	171,0
District 5.	1	44	94	155	222 •
Material H.		bee, aoa; a	1068.36	1 97 384, 5	447.8
District 6.	5	52	62	84	
STATE AVERAGE	4.	69	148	238	258

Table 5. BARTLETT PEARS - WASHINGTON AVERAGE YIELD PER TREE BY AGE GROUPS - CROP OF 1935						
	MADIMOD 111	1 1100 1100 1	AGE GROUPS -	ST. AVERAGE	TATTO A CTENTA CTE	
	NUMBER OF	NUMBER OF	PRODUCTION		WT'D. AVERAGE	
DISTRICTS	REPORTS	TREES		YIELD PER	YIELD PER	
DISTRICTS	TABULATED		IN 1935	TREE	TREE	
	IADULATED	IN SAMPLE	(Lbs.)	(Lbs.)	(Lbs.)	
		2 to 5 Ye	ear Age Group			
Dist. 1.	58	191	2,000	10	10	
2.	45	279	3,200	11	9	
3.	93	16,407	228,200	14	15	
4.	126	5,968	95,800	16	17	
5.	138	3,536	13,000	4	3	
6.	145	592	3,700	6	7	
STATE	605	26,973	345,900	13	14	
	- State	6 to 9 Ye	ar Age Group			
Dist. 1.	36	211	11,200	53	85	
2.	34	1,112	75,600	68	68	
3.	340	101,365	7,219,600	71	71	
4.	204	41,773	2,870,100	69	67	
5.	133	5,785	92,700	16	16	
6.	177	1,005	44,000	44		
STATE	924	151,251	10,313,200	68	45 68	
		Landing		06	00	
Dist. 1.	63		ear Age Group	270 00	334	
		423	38,100	30	89	
2.	78	1,858	220,300	119	119	
3.	736	246,846	32,222,900	131	131	
4.	348	27,214	5,018,400	184	188	
5.	313	7,046	406,500	58	58	
6.	489	4,414	324,700	74	74	
STATE	2,027	287,801	38,230,900	133	135	
mark visit in			ear Age Group			
Dist. 1.	78	935	89,700	96	97	
2. 8 6 6	132	3,146	558,500	178	171	
3.	559	98,209	19,487,800	198	198	
4.	433	22,978	6,219,500	271	273	
5.	349	4,664	501,800	108	112	
6.	633	3,063	300,400	98	99	
STATE	2,184	132,995	27,157,700	204	203	
	TOUR BO THE	27 Years or	Older Age Group	TY SOARTVA		
Dist. 1.	55	648	134,700	208	208	
2.	35	789	134,300	170	160	
3.	137	25,006	5,418,700	217	216	
4.	110	3,637	1,083,200	298	302	
5.	503	3,449	492,000	143	137	
6.	1,162	5,473	597,400	109	109	
STATE	2,002	39,002	7,860,300	202	211	
DAY	Total -	All Ages (1)	Tear or less ex	ccluded)	T 40 10 10 10 10 10 10 10 10 10 10 10 10 10	
Dist. 1.	290	2,408	275,700	114	106	
2.	324	7,184	991,900	138	137	
3.	1,865	487,833	64,577,200	132		
4.	1,221	101,570	15,287,000		127	
5.	1,436	24,480	1,506,000	151	151	
6.	2,606	14,547	1,270,200	62 87	57	
STATE	7,742	638,022			87	
	1,175	000,022	83,908,000	132	127	

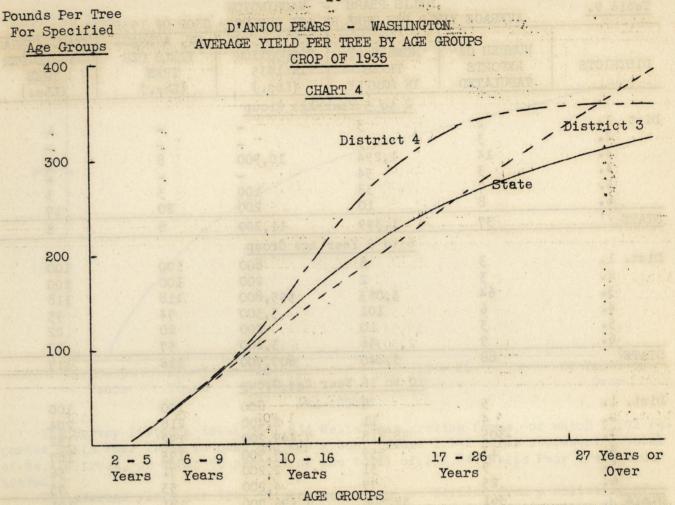


Of the 11,175 Bartlett Pear growing farms enumerated in the Survey, about 69 percent, or 7,742 farms reported Bartlett trees in only one age group. These 7,742 farms represented a total of 638,022 trees, or about 49 percent of the total of 1,296,941 Bartlett trees enumerated. The average yield per tree for each age group was derived from a relisting of the trees and production of the 7,742 farms.

In the 2 to 5 year age group, 605 farms reported 26,973 trees which averaged 14 pounds per tree, while in the 6 to 9 year group, 924 farms reported 151,251 trees which averaged 68 pounds per tree. Similarly, in the 10 to 16 year group, 2,027 farms reported 287,801 trees with an average of 135 pounds per tree; in the 17 to 26 year group, 2,184 farms reported 132,995 trees averaging 203 pounds per tree, and in the 27 year or older group, 2,002 farms reported 39,002 trees which averaged 211 pounds of Bartlett Pears per tree in 1935.

Table 6.	BARTLETT PEARS - WASHINGTON AVERAGE YIELD PER TREE BY AGE GROUPS - CROP OF 1935						
			Groups				
DISTRICTS	2 to 5 Years	6 to 9 Years	10 to 16 Years	17 to 26 Years	27 Years and Over		
600	X ac	Yield	in Pounds	ALC: ALC: ALC: ALC: ALC: ALC: ALC: ALC:			
District 1.	10	85.	89	97	208		
District 2.	9	68	119	171	160		
District 3.	15	71	131	198	216		
District 4.	17	67	188	273	302		
District 5.	3	16	58	112	137		
District 6.	7	45	74	99	109		
STATE AVERAGE	14	68	135	203	211		

Table 7.	D'ANJOU PEARS - WASHINGTON AVERAGE YIELD PER TREE BY AGE GROUPS - CROP OF 1935					
	And the same of th		TOD OTTOOLS	ST. AVERAGE	WT'D. AVERAGE	
	NUMBER OF	NUMBER OF	PRODUCTION	YIELD PER		
DISTRICTS	REPORTS	TREES	Control of the second s		YIELD PER	
DIDITIOID	TABULATED		IN 1935	TREE	TREE	
	IADULATED	IN SAMPLE	(Lbs.)	(Lbs.)	(Lbs.)	
		2 to 5 Yes	ar Age Group			
Dist. 1.	3	3			134	
2.	3 5	20				
3.	89	10,667	21,000	2	-	
4.	102			7	2 3	
5.	16	8,301	26,400	2	3	
6.		417	600	1	1	
	19	328	300	1	1	
STATE	234	19,736	48,300	2	3	
The state of the s		6 to 9 Yes	ar Age Group			
Dist. 1.	2	8	800	100	94	
2.	11	478	36,300	76	84	
3.	69	7,506	482,500	64	62	
4.	91	17,339	1,071,000	62	67	
5.	13	2,509	150,700	60	60	
6.	21	139				
STATE	207	The same of the sa	7,900	57	52	
SIAIE	201	27,979	1,749,200	63	65	
		10 to 16 Ye	ear Age Group			
Dist. 1.	4	9	1,700	189	188	
2.	23	302	46,000	152	157	
3.	156	16,534	2,441,400	148		
4.	171		2,395,000		147	
5. 18000.	18	13,355		179	184	
6.	61	900	74,200	82	111	
***************************************	***	282	18,600	66	66	
STATE	433	31,382	4,976,900	159	161	
2007 125, 121	betrogen ammet		ar Age Group	at althe seas		
Dist. 1.	3	203	58,200	287 .	286	
2.	39	882	184,700	209	245	
3. 1016	231	15,174	4,045,100	267	266	
4.	234	11,080	3,719,900	336	338	
5.	60	4,262	628,100	147	164	
6.	52	286	22,800	80	93	
STATE	619	31,887	8,658,800	272	262	
DES RESEVER			der Age Group	-/-	202	
Dist. 1.	4	63	27,700	440	444	
2.	13	174	63,500	365	363	
3.	76	2,048	804,200			
4.803	40			393	390	
		813	286,800	353	353	
5.	27	270	100,900	374	320	
6.	60	1,526	83,000	54	56	
STATE	220	4,894	1,366,100	279	319	
			ear or less ex	cluded)	40 404 145 146	
Dist. 1.	16	286	88,400	309	254	
2.	91	1,856	330,500	178	166	
3.	621	51,929	7,794,200	150	131	
4.	638	50,888	7,499,100	147	. 147	
5.	134	8,358	954,500	114		
6.	213	2,561	132,600		131	
STATE		the Real Property lies and the Personal Property lies and the		52	66	
STATE	1,713	115,878	16,799,300	145	138	

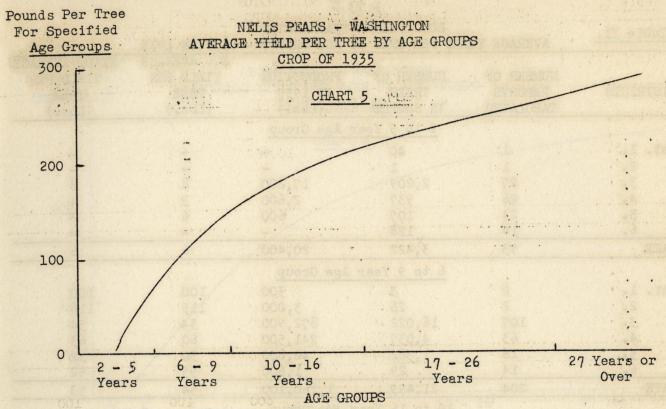


A total of 2,792 D'Anjou Pear growing farms were enumerated in the Survey, of which 1,713 reported D'Anjou trees in only one age group. These 1,713 farms represented a total of 115,878 trees, or about 43 percent of the total of 269,476 D'Anjou trees enumerated.

The average yield per tree for each age group was derived from a relisting of the trees and production on the 1,713 farms. In the 2 to 5 year age group 234 farms reported 19,736 trees, which averaged 3 pounds per tree, while in the 6 to 9 year group 207 farms reported 27,979 trees, which averaged 65 pounds per tree. In the 10 to 16 year group 433 farms reported 31,382 trees, which averaged 161 pounds; in the 17 to 26 year group 619 farms reported 31,887 trees which averaged 262 pounds and in the 27 year old or older group 220 farms reported 4,894 trees, which averaged 319 pounds per tree in 1935.

Table 8.	AVERAGE YIE	d. T.			
Text make let it out after the	100		Groups	7850	
DISTRICTS	2 to 5	6 to 9	10 to 16	17 to 26	27 Years and
	Years	Years	Years	Years	Over
	Institut	Yield	in Pounds		
District 1.	909	-94	188	286	444
2.	389	84	157	245	363
3.	2	62	147	266	390
4.	3	67	184	338	353
5.	í	60	111	164	320
6.	1	52	. 66	. 93	56
STATE AVERAGE	3	'65	161	262	319

Table 9.	AVERAGE YIF	NELIS PEARS	- WASHINGTON Y AGE GROUPS -	CDOD OF 1075	
To the second se		THE TREE D	I AGE GROUPS -	CROP OF 1935	I TOTTO A TOTTO A
	NUMBER OF	NUMBER OF	PRODUCTION	ST. AVERAGE YIELD PER	WT'D. AVERA
DISTRICTS	REPORTS	TREES	IN 1935	TREE	YIELD PER
2	TABULATED	IN SAMPLE	(Lbs.)	(Lbs.)	TREE
was a district to the party of the	A The Control of the		r Age Group	(108.)	(Lbs.)
Dist. 1.	2		r Age Group	*	
2.	3	3.	-	-	-
3.	14	1,294	70 000	-	-
4.		54	10,900	8	8
5.	3 7	33	100	-	
6.	8	10	200	3 20	3
STATE	37	1,399	11,200	8	17
The Park of the Pa				0	8
Dist. 1.	7		Age Group		
2.	3	8	800	100	100
3.	3 64	2	200	100	100
4.	6	5,063	595,800	118	118
5.	3	101	7,500	74	95
6.	9	56	200	20	22
STATE	88	5,240	3,200	57	57
STORE THE PARTY			607,700	116	117
		10 to 16 Yea	r Age Group		
Dist. 1.	5	8	800	100	100
2.	4.	. 11	2,400	218	204
3.	305	38,818	7,449,200	192	192
4.	13	559	97,900	175	187
5.	9	31	2,200	71	56
6.	25	79	4,200	53	73
STATE	361	39,506	7,556,700	191	191
Cover en ut	bere temper true	17 to 26 Yea:	r Age Group	NOTE TO TEST	profit (Contraction
Dist. 1.	8	56	.14,200	. 254	. 040
2.	13	84	26,300	. 313	242
3.	321	30,421	7,420,200	244	279
4.	33	677	218,900	323	3 2 3
.5.	23	49	7,900	161	112
6.	33	162	20,700	128	136
STATE	431	31,449	7,708,200	245	244
	. 2'	7 Years or Old		The state of the s	
Dist. 1.	2997 11 A	30	6,000	200	1 71
2.		9	2,800	311	171
3.	3 88	6,075	1,836,900	302	297 296
4.	7	55	23,500	427	396
5.	75	168	19,700	117	121
6.	71	194	23,700	122	125
STATE	255	6,531	1,912,600	293	289
	Total - A		ar or Less Exc		- Carley Contract Con
Dist. 1.	29	105	21,800	208	10/
2.	26	111	31,700	286	186
3.	792		17,313,000	212	252
4.	62	1,446	347,800	241	205
5.	117	291	30,100	103	80
	146	501	52,000	104	106
STATE	1,172	The same of the last of the la	17,796,400	212	204
The same of the sa			7.1.1.70,400	-1-	204



The Survey listed a total of 1,834 Nelis Pear growing farms, of which 1,172 reported Nelis Pear Trees in only one age group. These 1,172 farms represent a total of 84,125 trees, or about 60 percent of the total of 139,847 Nelis Pear Trees enumerated.

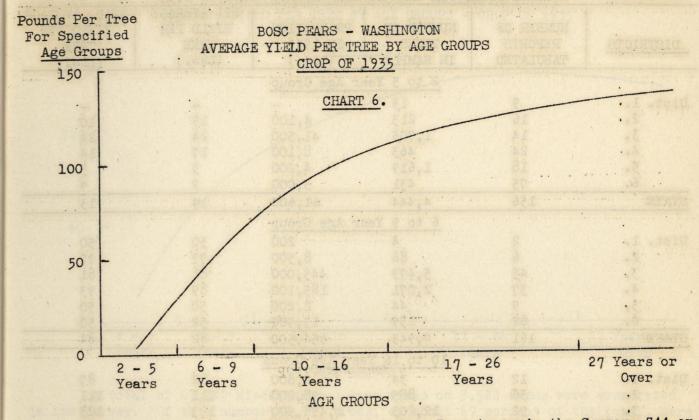
The average yield per tree in each age group was derived from a relisting of the trees and production on the 1,172 farms. In the 2 to 5 year age group 37 farms reported 1,399 trees, which averaged 8 pounds per tree. In the 6 to 9 year age group, 88 farms reported 5,240 trees, which averaged 117 pounds per tree, while in the 10 to 16 year group, 361 farms reported 39,506 trees, which averaged 191 pounds; 431 farms in the 17 to 26 year group reported 31,449 trees, averaging 244 pounds, and in the 27 year or older group 255 farms reported 6,531 trees, which averaged 289 pounds each in 1935.

NELIS PEARS - WASHINGTON

AVERAGE YIELD PER TREE BY AGE GROUPS - CROP OF 1935

Table 10.	AVERAGE YIE	LD PER TREE B	Y AGE GROUPS - (CROP OF 1935						
Age Groups										
DISTRICTS	2 to 5	6 to 9	10 to 16	17 to 26	27 Years					
	Years	Years	Years	Years	and Over					
Yield in Pounds										
District 1.		100	100	242	171					
District 2.		100	204	279	297					
DISCITICU Z.		100	204		a process of the state of the s					
District 3.	8	118	192	244	296					
			All - Margon Miller		706					
District 4.	the bur	95	187	323	396					
District 5.	3	22	56	112	121.					
Charles and the same					7.9					
District 6.	17	57	73	136	125,					
STATE AVERAGE	8	117.	191	244	289					

Table 11.		BOSC PEARS -	WASHINGTON		
	AVERAGE YI	ELD PER TREE BY	AGE GROUPS -		" And Cross and
				ST. AVERAGE	WT'D. AVERAGE
DIGEDIAMA	NUMBER OF	NUMBER OF	PRODUCTION	YIELD PER	YIELD PER
DISTRICTS	REPORTS	TREES	IN 1935	TREE	TREE
	TABULATED	IN SAMPLE	(Lbs.)	(Lbs.)	(Lbs.)
		2 to 5 Year	Age Group		
Dist. 1.	1	40	and the state of the state of		
2.	1	1			005
3.	27	2,209	17,200	8	8
4.	26	937	2,600		4
5.	24	107	600	3 6	3
6.	14	128			
STATE	93	3,422	20,400	6	6
					-
Diat 1		6 to 9 Year			6 10
Dist. 1.	2	3	300	100	100
2.		26	3,000	115	116
4.	107	16,022	872,900	54	54
5.	1.6	4,037	241,500	60	63
6.	14	1,382	40,800	30	32
STATE	204		1,600	55	52
DIAIE	204	21,499	1,160,100	54	53
was comit date		10 to 16 Year	Age Group	6 - 9	
Dist. 1.		drapas and ari	an Attach	stor of Dotall	Season Pill
2.	1	2 .	500	250	250
3.	139	27,893	2,516,800	90	89 .
4.	84	8,054	884,100	110	110
5.	37	834	58,900	71	.76
6.	20	365	23,600	65	51
STATE	281	.37,148	3,483,900	94	.94
	nerove debias	17 to 26 Year	Age Group	A SECTION OF A SEC	mint no linera
Dist. 1.	terisoner of	sout the sale		THE PLANTS TO	of all one of eat
2.	5	22	3,300	150	135
3.	31	3,054	367,300	120	120
4.	33	1,861	284,100	153	152
5.	15	650	39,300	60	.72
6.	18	110	8,600	78	111
STATE	102	5,697	702,600	123	122
The County Date of the County	2	7 Years or Olde		of all themself to	
Dist. 1.		7 - 10 dr 02 02 02 02 02 02 02 02 02 02 02 02 02	a ngo dioup		
2.	The state of the s			Part Service Control	
3.	9	992	120,000	101	101
4.	4	62		121	121
5.	22	76	16,700	269 114	269
6.	29	79	7,600	96	164
STATE	64	1,209	153,000	127	105
***************************************			STATE OF THE PARTY		135
/			ar or Less Ex	ccluded)	
Dist. 1.	3	43	300	7	7
2.	9	51	6,800	133	121
3.	313	50,170	3,894,200	78	74
4.	210	14,951	1,429,000	96	-90
5.	114	3,049	148,300	49	47
6.	95	711	41,400	58	62
STATE	744	68,975	5,520,000	80	76
	N. Carla Pietra paragraphy of the Co.				THE RESERVE THE PARTY OF THE PA

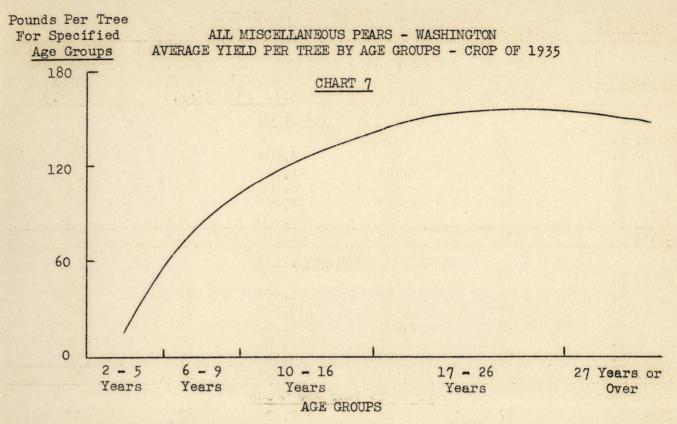


Of the total of 1,135 farms reporting Bosc Pear trees in the Survey, 744 or about 66 percent, reported Bosc Pear trees in only one age group. These 744 farms represent a total of 68,975 trees, or about 64 percent of the total of 107,959 Bosc Pear trees enumerated.

The average yield per tree in each age group was derived from a relisting of the trees and production on the 744 farms. In the 2 to 5 year age group, 93 farms reported 3,422 trees, which averaged 6 pounds per tree. The 21,499 trees in the 6 to 9 year age group on 204 farms averaged 53 pounds per tree, while 37,148 trees in the 10 to 16 year group on 281 farms averaged 94 pounds. In the 17 to 26 year group 5,697 trees on 102 farms averaged 122 pounds, and in the 27 year or older group 1,209 trees on 64 farms averaged 135 pounds per tree in 1935.

Table 12.	AVERAGE YIE	BOSC PEARS	- WASHINGTON AGE GROUPS -	CROP OF 1935	
00.5		'Age G		A STATE OF THE STA	STATE OF STATE OF
DISTRICTS	2 to 5 Years	6 to 9 Years	10 to 16 Years	17 to 26 Years	27 Years and Over
102	100000000000000000000000000000000000000	Yield in	n Pounds		
District 1.	1-100	100	CRUIT S	22.5	
District 2.		116	250	135	- 87APS
District 3.	. 8	54	89	120	121
District 4.	4	63	110	152.	269
District 5.	3	32	76	72	164 .
District 6.		52	51	111	105
STATE	6	53	94	122	135

Table 13.	MIS AVERAGE YIEL	CELLANEOUS PEAD PER TREE BY	ARS - WASHING AGE GROUPS - (GTON OF 1935	
	-	The state of the s	TIGE CHOOLD -	ST. AVERAGE	WT'D. AVERAGE
	NUMBER OF	NUMBER OF	PRODUCTION	YIELD PER	YIELD PER
DISTRICTS	REPORTS	TREES	IN 1935	TREE	TREE
	TABULATED	IN SAMPLE	(Lbs.)	(Lbs.)	(Lbs.)
		2 to 5 Yes	ar Age Group		
Dist. 1.	9	13	PRANCE		
2.	16	213	4,100	19	10
3.	14	1,705	41,500	24	24
4.	24	463	8,100	17	14
5.	18	1,619	4,200	3	3
6.	75	431	3,700	9	9
STATE	156	4,444	61,600	14	13
		6 to 9 Yea	r Age Group		
Dist. 1.	2	4	200	50	50
2.	6	86	8,500	99	99
3.	45	5,479	445,000	81	81
4.	37	2,071	185,100	89	93
5.	9	44	2,200	50	50
6.	62	259	13,500	52	50
STATE	161	7,943	654,500	82	84
		10 to 16 Ye	ar Age Group	ta - Line	(1)
Dist. 1.	12	34	2,800	82	87
2.	36	885	98,200	111	111
3.	92	12,203	1,498,900	123	123
4.	68	3,863	519,000	134	139
5.	45	519	37,100	71	71
6.	183	935	56,100	60.	62
STATE	436	18,439	2,212,100	120	122
		17 to 26 Yes	ar Age Group	C DIDLY SERVED	a service and
Dist. 1.	19	63	7,400	. 117	132
2.	51	621	103,900	167	163
3.	29	1,350	195,100	145	144
4.	76	1,755	465,500	265	256
5.	. 88	667	66,300	99	94
STATE	338	1,899	139,000	73	72
DIAIE	601	6,355	977,200	154	155
	2		der Age Group	DIT EDAMENTA	TABLE BIDER
Dist. 1.	19	102	9,500	93	100
2.	14	331	67,000	202	201
3.	12	61	15,200	249	244
5.	36 225	515	132,500	257	261
6.	808	1,040	216,200	208	205
STATE	1,114	3,747	378,100	101	98
		5,796	818,500	141	150
D: -1 -181	Total - A		ear or less exc	eluded)	
Dist. 1.	61	216	19,900	92	117
2.	123	2,136	281,700	132	128
3.	192	20,798	2,195,700	106	108
4.	241	8,667	1,310,200	151	148
5.	385	3,889	326,000	84	89
STATE	1,466	7,271	590,400	81 -	79
DIALE	2,468	42,977	4,723,900	110	114



A total of 63,947 Miscellaneous Pear trees on 3,522 farms were enumerated in the Survey. Of this number 42,977 trees, or about 67 percent of the total, were reported in only one age group on 2,468 or about 70 percent of the total number of farms.

The average yield per tree in each age group was derived from a relisting of the trees and production on the 2,468 farms. In the 2 to 5 year age group 156 farms reported 4,444 trees averaging 13 pounds each. In the 6 to 9 year group, 161 farms reported 7,943 trees averaging 84 pounds each, while in the 10 to 16 year age group 436 farms reported 18,439 trees averaging 122 pounds. 601 farms in the 17 to 26 year group reported 6,355 trees with an average of 155 pounds, and in the 27 year or older group, 1,114 farms reported 5,796 trees, which averaged 150 pounds per tree in 1935.

Table 14.

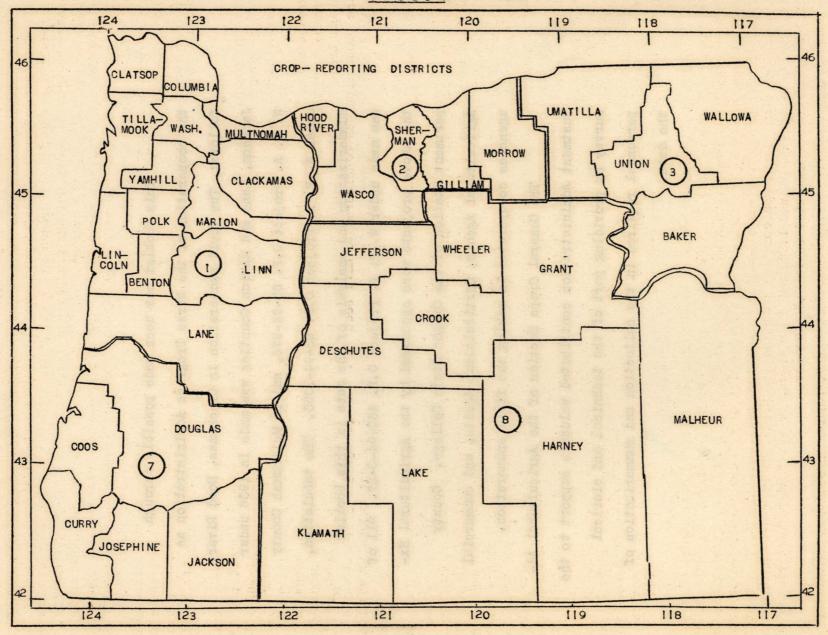
ALL MISCELLANEOUS PEARS - WASHINGTON

AVERAGE YIELD PER TREE BY AGE GROUPS - CROP OF 1935

	AVERAGE YI.	ELD PER TREE	BY AGE GROUPS -	CROP OF 1935	The second secon						
		Age	Groups								
DISTRICTS	2 to 5	6 to 9	10 to 16	17 to 26	27 Years						
	Years	Years	Years	Years	and Over						
	Yield in Pounds										
District 1.	-	50	87	132	100						
District 2.	10	99	111	163	201						
District 3.	24	81	123	144	244						
District 4.	14	93	139	256	261						
District 5.	3	50	71	94	205						
District 6.	9	50	62	72	98						
STATE	13	84	122	155	150						

This booklet has been made possible through
the cooperation of the Works Progress Administration as
follows: The field enumeration in Clackamas, Hood River,
Jackson, Lane and Marion Counties was made in 1936 under
W. P. A. Project O.P. 65-94-976, and in Multnomah County
under W. P. A. Project O.P. 65-94-1053. The tabulation,
summarization and analysis of the data in this booklet
was made under W. P. A. Project O.P. 465-94-3-27. All of
the above projects were sponsored by the Agricultural Experiment Station of the Oregon State College. County
Agricultural Agents, Horticultural Agents, and commercial
agencies co-operated in making the field enumeration.

The General Crops Section of the Agricultural Adjustment Administration contributed valuable support to the Survey by providing part of the technical and clerical personnel required in the collection and summarization of the data.



INTRODUCTION

The data shown in this booklet for Pears are a by-product of the results obtained from the Special Pacific Northwest Fruit Tree and Berry Acreage Survey conducted in six counties of Oregon in 1936. In this Survey the fruit trees were enumerated by kind, variety and age groups, and the production by kind and variety, for 1935. In this booklet the average yields per tree for the crop of 1935, as reported by growers, are shown for varieties and age groups for the six counties enumerated. Since the data are for one year only, the entire yield level might be either higher or lower for any other year, though 1935 is considered about average so far as yields are concerned. Individual orchards may vary greatly from the yields shown, though it is believed that the data give a rather reliable indication of the effect of increasing age upon the yields of Pear trees in the State of Oregon. The yields shown include graded fruit, culls, and that part of the crop which was unharvested.

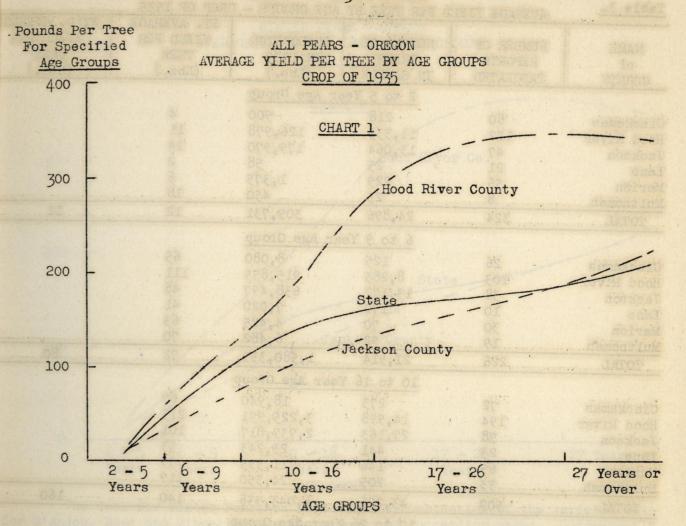
In many cases growers reported trees of a certain variety of Pears in only one age group. From these reports it was possible to determine the yield per tree by age groups and varieties on the basis of a considerable proportion of the total trees enumerated. In preparing the data in this booklet the number of trees of a single age group, with their production in 1935, were relisted by varieties and age groups and the average yields derived by counties and total. In some cases the enumerators were able to secure the number of trees but not the amount produced by those trees in 1935. In such cases, if the trees were from two to five years old, the production was considered to have been "0". In the age groups for trees older than five years, a report showing no production was edited out unless it was clearly shown by the schedule that the crop had actually failed.

The straight average yield per tree derived in each county by age group and variety was weighted by the total number of trees enumerated for that age group and variety in the county. The sum of the extensions for the six counties was then divided by the sum of the weights to arrive at the weighted average yield per tree for the particular variety and age group. In this manner counties in which large numbers of trees were enumerated were given their proportionate importance relative to the average yield per tree. To test the weighted average yields per tree, the total number of trees enumerated in each age group in the six counties was multiplied by the derived average yields in the age group, and the total accumulated production was compared with the total production enumerated for that particular variety. The accumulated computed production by varieties ranged from 3 percent below for D'Anjous to 2 percent above the enumerated production for Bartletts. In preparing the Charts found on the odd numbered pages of this booklet, the weighted average yields per tree were used, while the Tables below the Chart show both the weighted and straight average. The yields shown were derived from a purely mathematical procedure based on reports from growers.

While a total of 18 counties were enumerated in the Oregon Fruit Survey, 12 of the 18 were enumerated in 1935 and 6 were enumerated in 1936. In order to provide a comparable comparison with reported yields in the State of Washington, only those Oregon counties are included in this booklet which were enumerated in 1936 and for which the production was shown for the crop of 1935, the same as in the State of Washington. The six Oregon counties comprise the principal Pear growing areas in the State, as they contained 1,153,847 Pear trees, or about 86 percent of the total of 1,345,612 trees enumerated in the 18 counties.

C. J. BORUM, Agricultural Statistician In Charge PAUL C. NEWMAN, Associate Statistician C. J. HELTEMES, Assistant Statistician mable 1

Table 1.	AVERAGE VIEW	ALL PEARS	- OREGON AGE GROUPS - (7D0D 00 1075	
	AVERAGE TIES	D FER IREE BI	AGE GROUPS - (ST. AVERAGE	WITTED ATTITUDE OF
NAME	NUMBER OF	NUMBER OF	PRODUCTION	YIELD PER	WT'D. AVERAGE YIELD PER
of	REPORTS	TREES	IN 1935	TREE	TREE
COUNTY	TABULATED	IN SAMPLE	(Lbs.)	(Lbs.)	(Lbs.)
Total to	HE Total VH TON	THE RESERVE THE PERSON NAMED IN	ar Age Group	0 10 88 11 UBO0	(LUS.)
Clackamas	188	2,318		de variety and	alm vd basere
Hood River	186	21,498	3,150	e booklet the	int ni thi
Jackson	63	15,307	299,453	v 10114 words or	
Lane	61	132	186,246	12	
Marion	182	1,370	9,175	TANK TO THE YEAR	
Multnomah	19	67	950	14	
TOTAL	699	40,692	499,850		10
· poddebining s	SA WATTH GOID	SAT THE TWOM IS		12	12
			ar Age Group	PARTY DO BOAR W	
Clackamas	90	696	40,230	. 58	
Hood River	181	17,317	1,721,220	99	
Jackson	54	22,487	1,219,719	54	
Lane	40	1,623	56,455	35	
Marion	120	1,527	73,265	48	
Multnomah	40	378	18,586	49	A can elate a
TOTAL	525	44,028	3,129,475	71	77
		10 to 16 Ye	ear Age Group	in 135. In	Short backs
Clackamas	225	1,538	113,282	74	
Hood River	263	20,749	4,160,768	201	
Jackson	149	38,474	4,253,603	111	
Lane	73	1,379	88,393	64	
Marion	271	5,734	409,729	71	
Multnomah	162	1,466	128,222	87	
TOTAL	1,143	69,340	9,153,997	132	149
		17 to 26 Ye	ar Age Group	douget and in la	TOT AUDITOR
Clackamas	407	2,207	205,774	93	
Hood River	171	9,410	3,187,883	339	
Jackson	502	172,725	27,285,972	158	
Lane	125	2,083	180,416	87	
Marion	286	3,811	373,465	98	
Multnomah	344	2,912	335,143	115	
TOTAL	1,835	193,148	31,568,653	163	171
th the welghted	od work Jane		lder Age Group	40 444-1 601	PIP BUT SELL
Clackamas	778	4,831	433,926	OO WOLLD	
Hood River	70	2,384	807,828	90	
Jackson	165	56,795	12,650,623	339 223	
Lane	104	581	66,966	115	
Marion	344	2,401	260,274	108	中的一个
Mul tnomah	305	3,366	517,585	154	i er er po
TOTAL	1,766	70,358	14,737,202	209	208
Ed Sport unrus	Total -	EASTERN SERVICE STREET	ear or less Exc		200
Clackamas	1,688	11,590	796,362	69	notani Hana
Hood River	871		10,177,152	143	, et out day all
Jackson	933	305,788	45,596,163	149	0,010,1 To 3
Lane	403	5,798	393,106	68	- Comment
Marion	1,203	14,843	1,125,908	76	
Multnomah	870	8,189	1,000,486	122	a selection of
TOTAL	5,968		59,089,177	142	134
			7.1-/1-/1		177



The data presented for All Pears on Page 2 are a combination of varietal data found on Pages 6, 0, 10 and 12. The Survey in the 6 counties enumerated a total of 5,326 Pear growing farms, but many farms grew more than one variety of Pears and the sum of the varietal reports exceeds the total number of farms reporting Pear trees. The average yield per tree for each age group was derived from a relisting of the trees and production from 5,968 reports. In the 2 to 5 year age group 40,692 Pear trees of all varieties averaged 12 pounds per tree, while 44,028 trees in the 6 to 9 year group averaged 77 pounds. In the 10 to 16 year group 69,340 trees averaged 149 pounds; in the 17 to 26 year group 193,148 trees averaged 171 pounds, and in the 27 year or older group 70,358 trees averaged 208 pounds each in 1935.

ALL PEARS - OREGON

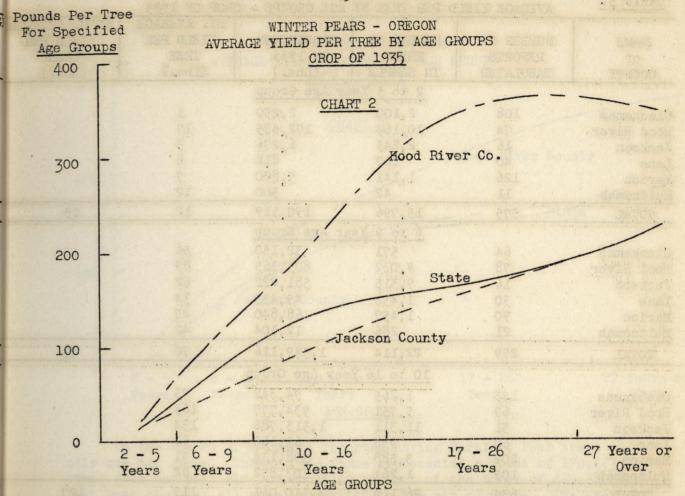
AVERAGE YIELD PER TREE BY AGE GROUPS - CROP OF 1935

COUNTIES

Age Groups

	1111 1111	DI AGE GROOTE	- Onor or 19	
Acres	A	ge Groups		
2 to 5 Years	6 to 9 Years	10 to 16 Years	17 to 26 Years	27 Years Or Over
563	Yield	in Pounds	·· · · · · · · · · · · · · · · · · · ·	Carrier Surgery Confe
3881	58	74	93	90
14	99	201	339	
12		111	158	223
7	35	64	87	339 223 115
7		71	98	108
14	49	87	115	154
. 12	71	132	163	209
. 12	77	149		208
	2 to 5 Years 1 14 12 7 7 14 12	2 to 5 6 to 9 Years Yield 1 58 14 99 12 54 7 35 7 48 14 49 12 71	Age Groups 2 to 5	Years 6 to 9 Years 10 to 16 Years 17 to 26 Years Yield in Pounds 1 58 74 93 14 99 201 339 12 54 111 158 7 35 64 87 7 48 71 98 14 49 87 115 12 71 132 163

Mahla 7		WINTER PEA	RS - OREGON		
Table 3.	AVERAGE YIEL	D PER TREE BY		CROP OF 1935	
		in the same of		ST. AVERAGE	WT'D. AVERAG
NAME	NUMBER OF	NUMBER OF	PRODUCTION	YIELD PER	YIELD PER
of	REPORTS	TREES	IN 1935	TREE	TREE
COUNTY	TABULATED	IN SAMPLE	(Lbs.)	(Lbs.)	(Lbs.)
		2 to 5 Yes	ar Age Group		
Clackamas	80	218	900	4	
Hood River	112	11,335	126,978	11	
Jackson	47	13,064	179,970	14	
Lane		25	58	2	
Marion	56	229	1,375	6	
Multnomah	8	25	450	18	
TOTAL	324	24,896	309,731	12	11
		6 to 9 Yes	ar Age Group		
Clackamas	26	125	8,080	65	
Hood River	103	8,285	915,855	111	
Jackson	38	13,172	638,497	48	
Lane	10	170	7,020	41	
Marion	30	. 70	4,425	63	
Multnomah	19	92	6,482.	70	
TOTAL	226	21,914	1,580,359	72	80
		10 to 16 Ye	ear Age Group	MAN	904
Clackamas	72	273	18,940	69	
Hood River	194	14,998	3,225,991	215	
Jackson	98	00 3/7	0 070 070	101	
Lane	23	441	23,243	. 53	
Marion	69	146	11,595	79	
Multnomah	53	205	24,350	119	
TOTAL	509	43,226	6,043,936	140	160
			ear Age Group	1 groups	
Clackamas	142	793	65,023	82	
Hood River	127	8,088	2,872,928	355	
Jackson	332	103,119	16,304,802,	158	C TO LEGOT
Lane	. 38	297	25,425	86	
Marion	86	796	65,642	82	Ing a men a
Multnemah	134	1,086	131,946	121	207
TOTAL	859	114,179	19,465,766	170 .	183
	er group, 70, 35		older Age Grou	CHURCH NE DATE	
Clackamas	292	1,884	141,687	75	
Hood River	51	2,045	711,616	348	
Jackson	115	37,878	8,620,269	228	
Lane	38	108	13,645	126	
Marion	116	440	47,000	107	
Multnemah	95	573	88,542	155	All States and States
TOTAL	707	42,928	9,622,759	224	219
	Total -	All Ages (1 Y	ear or less E	xcluded)	
Clackamas	612	3,293	234,630	71	
Hood River	587	44,751	7,853,368	175	No. of the last of
Jackson	630	194,396	28,483,355	147	
Lane	130	1,041	69,391	67	a seion à Life.
Marion	357	1,681	130,037	77	
Multnomah	309	1,981	251,770	127	Tribution of
TOTAL	2,625	247,143	37,022,551	150	140



The data for Winter Pears on Page 4 are a combination of the varietal data for D'Anjou, Bosc and Miscellaneous Pears found on succeeding pages. Consequently, the sum of the varietal reports exceeds the total number of farms reporting Winter Pears, as some farms grew more than one variety.

The average yields per tree begin at 11 pounds in the 2 to 5 year age group, as reported by growers for 24,896 trees, and rise to 80 pounds in the 6 to 9 year group; while in the 10 to 16 year group 43,226 trees averaged 160 pounds; 114,179 trees in the 17 to 26 year group averaged 183 pounds, and in the 27 year or older group 42,928 trees averaged 219 pounds. The yields referred to are the weighted average yields for the 6 counties shown in the Table.

Table 4.	AVERAGE YI	WINTER PE	ARS - OREGON AGE GROUPS -	CROP OF 1935	wonesquard partit poot				
COUNTIES	2 to 5	Age (Groups 10 to 16	17 to 26	27 Years				
	Years	Years	Years	Years	and Over				
Yield in Pounds									
Clackamas	4	65	69	82 '	75				
Hood River	11	111	215	355	348				
Jackson	14	.48	101	158	348 228				
Lane	2	41	53	86	126				
Marion	6	63	79	82	107				
Multnomah	18	70	119	121	155				
STRAIGHT AVG.	12	72	140	170	224				

WIIGHTED AVG.

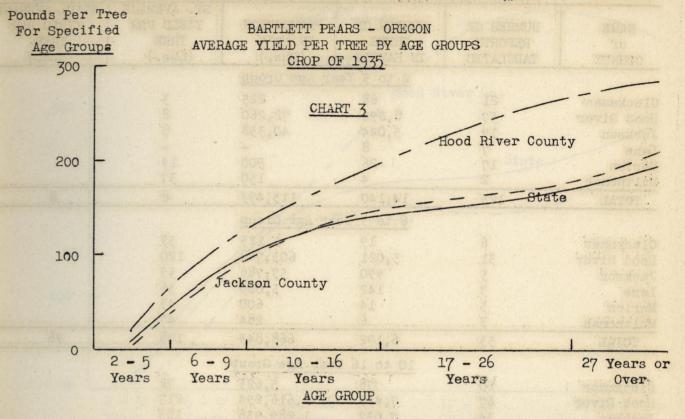
11

160

219

170 183

Table 5.	AVERAGE YIE	BARTLETT PE LD PER TREE BY	ARS - OREGON AGE GROUPS - (TROP OF 1935	
	No. of the last of	Target Sales (10 percent)	ANT STREET	ST. AVERAGE	WT'D. AVERAG
NAME	NUMBER OF	NUMBER OF	PRODUCTION :	YIELD PER	YIELD PER
of	REPORTS	TREES	IN 1935	TREE	TREE
COUNTY	TABULATED	IN SAMPLE	(Lbs.)	(Lbs.)	(Lbs.)
		2 to 5 Ye	ar Age Group		(2200)
Clackamas	108	2,100	2,250		
Hood River	74	10,163	172,475	1	
Jackson	16	2,243	6,276	17	
Lane	40	107	818	3	
Marion	126	1,141	7,800	7	90
Multnomah	11	42	500	12	
TOTAL	375	15,796	190,119	12	17
			ar Age Group	12	13
Clackamas	64	571	32,150	56	
Hood River	78	9,032	805,365	89	000
Jackson	16	9,315	581,222	62	
Lane	30	1,453	49,435	34	
Marion	90	1,457	68,840	47	
Multnomah	21	286	12,104	42	
TOTAL	299	22,114	1,549,116	70	
A THE STATE OF THE			ear Age Group	710	73
Clackamas	153	1,265		ar.	
Hood River	69	5,751	94,342	75	
Jackson	51	11,311	1,513,786	163	
Lane	50	938	65,150	134	1 - 1
Marion	202	5,588	398,134		
Multnomah	109	1,261	103,872	71 82	
TOTAL	634	26,114	3,110,061	119	100
TITOGO PO BORNE	eragy suchas	Charles de la	ar Age Group	date for minte	127
Clackamas	265	1,414	THE RESERVE THE PERSON NAMED IN POST OF THE PERSON NAMED IN PARTY OF THE P	Bone one Mar	udina di non
Hood River	44	1,322	140,751	100	the sum of
Jackson	170	69,606	314,955 10,981,170	238	Facts, os s
Lane	87	1,786	154,991	158	AST
Marion	200	3,015	307,823		bedroger as
Multnomah	210	1,826	203,197	102	Tide : quotie
TOTAL	976	78,969	12,102,887		di di anorii
Control of the Control		27 Years or Ol		153	152
Clackamas	486	2,947		0.0	A COUNTY OF
Hood River	19	339	292,239	99	
Jackson	50	18,917	96,212	284	· A elder
Lane	66	473	4,030,354	213	
Marion	228	1,961	53,321	113	ON TONION AND
Multnomah	210	2,793	213,274 429,043	109	MANAGORIA MANAGORIA
TOTAL	1,059	27,430		154	
designation of the same	and the second s		5,114,443	186	192
Clackamas			ar or less Excl		train 100 harman
Hood River	1,076	8,297	561,732	68 .	Desire and Desire
Jackson	284	26,607	2,323,784	87	
Lane	303		17,112,808	154	
Marion	273	4,757	323,715	68	THAT THE PARTY OF
Multnomah	846	13,162	995,871	76	TO ELANOVO TO SERVICE
TOTAL	561	6,208	748,716	121	The second second second
TOTAL	3,343	170,423	22,066,626	129	124

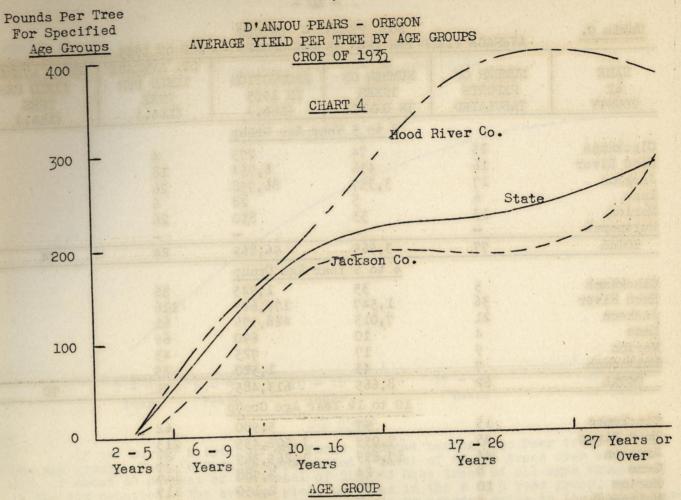


In the Survey 3,343 farms reported having Bartlett Pear trees in only one age group. These 3,343 farms represented a total of 170,423 trees over one year old, or about 40 percent of the total of 429,360 Bartlett Pear trees of all ages enumerated in the six counties. The average yield per tree of each age group was derived from a relisting of the trees and production on the 3,343 farms.

In the 2 to 5 year age group 375 farms reported 15,796 trees which yielded an average of 13 pounds per tree in 1935. In the 6 to 9 year group 299 farms reported 22,114 trees which averaged 73 pounds; in the 10 to 16 year group 634 farms reported 26,114 trees which averaged 127 pounds; in the 17 to 26 year group 976 farms reported 78,969 trees which averaged 152 pounds, and in the 27 year or older group 1,059 farms reported 27,430 trees which yielded an average of 192 pounds per tree.

Table 6.	AVERAGE YI	BARTLETT PE ELD PER TREE B	ARS - OREGON Y AGE GROUPS -	CROP OF 1935	SAMBROADO TRAVESTO NO PROPERTO DE LA COMPTENTA				
	PASS.	Age G	The same of the sa		Thatta I				
COUNTIES	2 to 5	6 to 9	10 to 16	17 to 26	27 Years				
	Years	Years	Years	Years	and Over				
Yield in Pounds									
Clackamas	1	56	75	100	99				
Hood River	17	89	163	238	284				
Jackson	3	62	134	158	213				
Lane	8.	34	69	87	113				
Marion	7	34 47	71	102	109				
Multnomah	12	42 .	82	111	154				
STRAIGHT	AVG. 12	7.0	119	153	186				
WEIGHTED	AVG. 13	73	127	152	192				

NAME of COUNTY	Table 7.	Table 7. AVERAGE YIELD PER TREE BY AGE GROUPS - CROP OF 1935						
NAME NUMBER OF NUMBER OF PRODUCTION THE PER THESE THESES		Section of the sectio		TIOL GROOTS		WT'D. AVERACE		
OF REPORTS THESS N 1955 THEE (Lbs.)	NAME	NUMBER OF	NUMBER OF	PRODUCTION				
COUNTY TABULATED N. SAMPLE (Lbs.) (Lbs.)	of	REPORTS	TREES					
Clackemas	COUNTY	TABULATED	IN SAMPLE					
Clackemas			2 to 5 Yea	And a figure for the contract of the contract		The same of the sa		
Hood River	Clackamas	21			7			
Jackson					2			
Marion					8			
Marion 17 26 500 19 Multhomah 2 4 150 37 TOTAL 123 14,140 113,493 8 8 Clackemas 6 19 1,125 59 Hod River 31 5,021 603,768 120 Jackson 5 990 57,986 59 Lane 3 142 5,080 36 46 600 43 Multhomeh 3 142 5,080 36 46 600 43 Multhomeh 3 6 284 47 47 46 600 43 Multhomeh 3 6 88,683 108 96 Clackemas 20 78 5,625 72 72 7449 1,616,294 217 Jackson 34 7,032 1,89,938 183 Lane 3 55 1,925 35 Multinomeh 6 22 2,604 118 TOTAL <	Lane	mou nevig book		40,770	_			
Multhomeh 2	Marion	17		500	19			
TOTAL 123	Multnomah							
Clackemas 6 19 1,125 59 1,000 1,	TOTAL	123	14,140			8		
Hood River 31			6 to 9 Yes					
Hood River 31 5,021 603,768 120 Jackson 5 990 57,986 59 Lane 3 142 5,080 36 Marion 5 14 600 43 Multnomah 3 6 284 47 TOTAL 53 6,192 668,843 108 96 Clackamas 20 78 5,625 72 Hood River 67 7,449 1,616,294 217 Jackson 34 7,032 1,289,338 183 Lane 3 55 1,225 35 Marion 13 30 1,975 66 Multnomah 6 22 2,604 118 TOTAL 143 14,666 2,918,361 199 205 Clackamas 36 284 22,008 77 Hood River 55 6,254 2,443,092 391 Jackson 128 42,237 7,701,286 182 Lane 17 214 15,565 73 Marion 14 81 6,708 83 Multnomah 20 255 30,080 118 TOTAL 270 49,325 10,218,739 207 225 Clackamas 35 193 17,196 89 Hood River 25 1,330 497,852 374 Jackson 46 15,423 4,420,868 287 Lane 10 19 2,103 111 Marion 13 27 4,225 156 Multnomah 15 93 20,782 223 TOTAL 144 17,085 4,965,026 290 280 Total All Ages (1 Year or less Excluded) Clackamas 118 642 46,179 72 Multnomah 12 32 70,726 13,510,436 191 Lane 40 438 24,673 56 Marion 62 178 14,008 79 Miltnomah 23 79,044 5,233,266 180 Jackson 232 70,726 13,510,436 191 Lane 40 438 24,673 56 Marion 62 178 14,008 79 Miltnomah 65 380 53,900 142	Clackamas	6	19	1.125	59			
Jackson 5 990 57,986 59 Lane 3 142 5,080 36 Marion 5 14 600 43 Multnomah 3 6 284 47 TOTAL 53 6,192 668,843 108 96	Hood River	31						
TOTAL 53 6,192 668,843 108 96		5						
TOTAL 53 6,192 668,843 108 96		3	142					
TOTAL 53 6,192 668,843 108 96		5	14					
Clackemas 20 78 5,625 72 72 73 73 7449 7449 746,6294 217 7449 732 7449			. 6	284	47			
Clackemas 20	TOTAL	53	6,192	668,843	108	96		
Hood River 67 7,449 1,616,294 217 Jackson 34 7,032 1,289,938 183 Lane 3 55 1,925 35 Marion 13 30 1,975 66 Multhomah 6 22 2,604 118 TOTAL 143 14,666 2,918,361 199 205	27 Years or			ear Age Group	25 26-			
Jackson 34 7,032 1,289,938 183 Lane 3 55 1,925 35 Marion 13 30 1,975 66 Multomah 6 22 2,604 118 TOTAL 143 14,666 2,918,361 199 205			78		72			
Lane					217			
Marion 13 30 1,775 66 Multnomah 6 22 2,604 118 TOTAL 143 14,666 2,918,361 199 205 17 to 26 Year Age Group Clackamas 36 284 22,008 77 Hood River 55 6,254 2,443,092 391 Jackson 128 42,237 7,701,286 182 Lene 17 214 15,565 73 Marion 14 81 6,708 83 Multnomah 20 255 30,080 118 TOTAL 270 49,325 10,218,739 207 225 27 Years or Older Age Group Clackamas 35 193 17,196 89 Hood River 25 1,330 497,852 374 Jackson 46 15,423 4,420,868 287 Lane 10 19 2,103					183			
Multnomah 6 22 2,604 118 TOTAL 143 14,666 2,918,361 199 205 17 to 26 Year Age Group Clackamas 36 284 22,008 77 Hood River 55 6,254 2,443,092 391 Jackson 128 42,237 7,701,286 182 Lane 17 214 15,565 73 Marion 14 81 6,708 83 Multnomah 20 255 30,080 118 TOTAL 270 49,325 10,218,739 207 225 27 Years or Older Age Group Clackamas 35 193 17,196 89 Hood River 25 1,330 497,852 374 Jackson 46 15,423 4,420,868 287 Lane 10 19 2,103 111 Marion 13 27 4,225 156								
TOTAL 143 14,666 2,918,361 199 205 17 to 26 Year Age Group								
17 to 26 Year Age Group 284 22,008 77 17 184 1						a.aeon.i.		
Clackamas 36 284 22,008 77 Hood River 55 6,254 2,443,092 391 Jackson 128 42,237 7,701,286 182 Lane 17 214 15,565 73 Merion 14 81 6,708 83 Multnomah 20 255 30,080 118 TOTAL 270 49,325 10,218,739 207 225 27 Years or Older Age Group Clackamas 35 193 17,196 89 Hood River 25 1,330 497,852 374 Jackson 46 15,423 4,420,868 287 Lane 10 19 2,103 111 Marion 13 27 4,225 156 Multnomah 15 93 20,782 223 TOTAL 144 17,085 4,963,026 290 280 Clackamas 118 642 46,179 72 Hood River 235 29,044 5,233,266 180 Jackson 232 70,726 13,510,436 191 Lane 40 438 24,673 56 Marion 62 178 14,008 79 Multnomah 46 380 53,900 142	TOTAL	143		THE RESIDENCE OF THE PARTY OF T	199	205		
Hood River 55 6,254 2,443,092 391 Jackson 128 42,237 7,701,286 182 Lane 17 214 15,565 73 Marion 14 81 6,708 83 Multnomah 20 255 30,080 118 TOTAL 270 49,325 10,218,739 207 225 27 Years or Older Age Group Clackamas 35 193 17,196 89 Hood River 25 1,330 497,852 374 Jackson 46 15,423 4,420,868 287 Lane 10 19 2,103 111 Marion 13 27 4,225 156 Multnomah 15 93 20,782 223 TOTAL 144 17,085 4,963,026 290 280 Clackamas 118 642 46,179 72 Hood River 235 29,044 5,233,266 180 Jackson 232 70,726 13,510,436 191 Lane 40 438 24,673 56 Marion 62 178 14,008 79 Multnomah 46 380 53,900 142	(I) polsomi a	7/	CALL TO THE RESERVE T					
Jackson 128 42,237 7,701,286 182 Lane 17 214 15,565 73 Marion 14 81 6,708 83 Multnomah 20 255 30,080 118 TOTAL 270 49,325 10,218,739 207 225 27 Years or Older Age Group Clackamas 35 193 17,196 89 Hood River 25 1,330 497,852 374 Jackson 46 15,423 4,420,868 287 Lane 10 19 2,103 111 Marion 13 27 4,225 156 Multnomah 15 93 20,782 223 TOTAL 144 17,085 4,963,026 290 280 Total - All Ages (1 Year or less Excluded) Clackamas 118 642 46,179 72 Hood River 235 29,044 5,233,266 180 Jackson 232 70,726 <								
Lane 17 214 15,565 73 Marion 14 81 6,708 83 Multhomah 20 255 30,080 118 TOTAL 270 49,325 10,218,739 207 225 27 Years or Older Age Group Clackamas 35 193 17,196 89 Hood River 25 1,330 497,852 374 Jackson 46 15,423 4,420,868 287 Lane 10 19 2,103 111 Marion 13 27 4,225 156 Multhomah 15 93 20,782 223 TOTAL 144 17,085 4,963,026 290 280 Total - All Ages (1 Year or less Excluded) Clackamas 118 642 46,179 72 Hood River 235 29,044 5,233,266 180 Jackson 232 70,726 13,510,436 191 Lane 40 438 24,673 56 Marion 62 178 14,008 79 Multhomah 46 380 53,900 142								
Marion 14 81 6,708 83 Multnomah 20 255 30,080 118 TOTAL 270 49,325 10,218,739 207 225 27 Years or Older Age Group Clackamas 35 193 17,196 89 Hood River 25 1,330 497,852 374 Jackson 46 15,423 4,420,868 287 Lane 10 19 2,103 111 Marion 13 27 4,225 156 Multnomah 15 93 20,782 223 TOTAL 144 17,085 4,963,026 290 280 Total - All Ages (1 Year or less Excluded) Clackamas 118 642 46,179 72 Hood River 235 29,044 5,233,266 180 Jackson 232 70,726 13,510,436 191 Lane 40 438 24								
Multnomah 20 255 30,080 118 TOTAL 270 49,325 10,218,739 207 225 27 Years or Older Age Group Clackamas 35 193 17,196 89 Hood River 25 1,330 497,852 374 Jackson 46 15,423 4,420,868 287 Lane 10 19 2,103 111 Marion 13 27 4,225 156 Multnomah 15 93 20,782 223 TOTAL 144 17,085 4,963,026 290 280 Total - All Ages (1 Year or less Excluded) Clackamas 118 642 46,179 72 Hood River 235 29,044 5,233,266 180 Jackson 232 70,726 13,510,436 191 Lane 40 438 24,673 56 Marion 62 178 14,008								
TOTAL 270 49,325 10,218,739 207 225 27 Years or Older Age Group Clackamas 35 193 17,196 89 Hood River 25 1,330 497,852 374 Jackson 46 15,423 4,420,868 287 Lane 10 19 2,103 111 Marion 13 27 4,225 156 Multnomah 15 93 20,782 223 TOTAL 144 17,085 4,963,026 290 280 Clackamas 118 642 46,179 72 Hood River 235 29,044 5,233,266 180 Jackson 232 70,726 13,510,436 191 Lane 40 438 24,673 56 Marion 62 178 14,008 79 Multnomah 46 380 53,900 142								
27 Years or Older Age Group						225		
Clackamas 35 193 17,196 89 Hood River 25 1,330 497,852 374 Jackson 46 15,423 4,420,868 287 Lane 10 19 2,103 111 Marion 13 27 4,225 156 Multnomah 15 93 20,782 223 TOTAL 144 17,085 4,963,026 290 280 Total - All Ages (1 Year or less Excluded) Clackamas 118 642 46,179 72 Hood River 235 29,044 5,233,266 180 Jackson 232 70,726 13,510,436 191 Lane 40 438 24,673 56 Marion 62 178 14,008 79 Multnomah 46 380 53,900 142		ounds per tree	- President			22)		
Hood River 25 1,330 497,852 374 Jackson 46 15,423 4,420,868 287 Lane 10 19 2,103 111 Marion 13 27 4,225 156 Multnomah 15 93 20,782 223 TOTAL 144 17,085 4,963,026 290 280 Total - All Ages (1 Year or less Excluded) Clackamas 118 642 46,179 72 Hood River 235 29,044 5,233,266 180 Jackson 232 70,726 13,510,436 191 Lane 40 438 24,673 56 Marion 62 178 14,008 79 Multnomah 46 380 53,900 142	Clackamas	35						
Jackson 46 15,423 4,420,868 287 Lane 10 19 2,103 111 Marion 13 27 4,225 156 Multnomah 15 93 20,782 223 TOTAL 144 17,085 4,963,026 290 280 Total - All Ages (1 Year or less Excluded) Clackamas 118 642 46,179 72 Hood River 235 29,044 5,233,266 180 Jackson 232 70,726 13,510,436 191 Lane 40 438 24,673 56 Marion 62 178 14,008 79 Multnomah 46 380 53,900 142								
Lane 10 19 2,103 111 Marion 13 27 4,225 156 Multnomah 15 93 20,782 223 TOTAL 144 17,085 4,963,026 290 280 Total - All Ages (1 Year or less Excluded) Clackamas 118 642 46,179 72 Hood River 235 29,044 5,233,266 180 Jackson 232 70,726 13,510,436 191 Lane 40 438 24,673 56 Marion 62 178 14,008 79 Multnomah 46 380 53,900 142				4.420.868				
Marion 13 27 4,225 156 Multnomah 15 93 20,782 223 TOTAL 144 17,085 4,963,026 290 280 Total - All Ages (1 Year or less Excluded) Clackamas 118 642 46,179 72 Hood River 235 29,044 5,233,266 180 Jackson 232 70,726 13,510,436 191 Lane 40 438 24,673 56 Marion 62 178 14,008 79 Multnomah 46 380 53,900 142					Control of the Contro			
Multnomah 15 93 20,782 223 TOTAL 144 17,085 4,963,026 290 280 Total - All Ages (1 Year or less Excluded) Clackemas 118 642 46,179 72 Hood River 235 29,044 5,233,266 180 Jackson 232 70,726 13,510,436 191 Lane 40 438 24,673 56 Marion 62 178 14,008 79 Multnomah 46 380 53,900 142	Marion							
TOTAL 144 17,085 4,963,026 290 280 Total - All Ages (1 Year or less Excluded) Clackamas 118 642 46,179 72 Hood River 235 29,044 5,233,266 180 Jackson 232 70,726 13,510,436 191 Lane 40 438 24,673 56 Marion 62 178 14,008 79 Multnemah 46 380 53,900 142	Multnomah							
Total - All Ages (1 Year or less Excluded) Clackemas	TOTAL	144				280		
Clackamas 118 642 46,179 72 Hood River 235 29,044 5,233,266 180 Jackson 232 70,726 13,510,436 191 Lane 40 438 24,673 56 Marion 62 178 14,008 79 Multnemah 46 380 53,900 142	254	Total -				Toyer Book		
Hood River 235 29,044 5,233,266 180 Jackson 232 70,726 13,510,436 191 Lane 40 438 24,673 56 Marion 62 178 14,008 79 Multnemah 46 380 53,900 142	Clackamas		NAME OF TAXABLE PARTY OF TAXABLE PARTY.					
Jackson 232 70,726 13,510,436 191 Lane 40 438 24,673 56 Marion 62 178 14,008 79 Multnomah 46 380 53,900 142	Hood River							
Lane 40 438 24,673 56 Marion 62 178 14,008 79 Multnemah 46 380 53,900 142	Jackson							
Marion 62 178 14,008 79 Multnemah 46 380 53,900 142		40						
Multnemah 46 380 53,900 142			178					
MOMAT.		46	380			Control of the contro		
	TOTAL	.733	101,408	18,882,462	186	159		

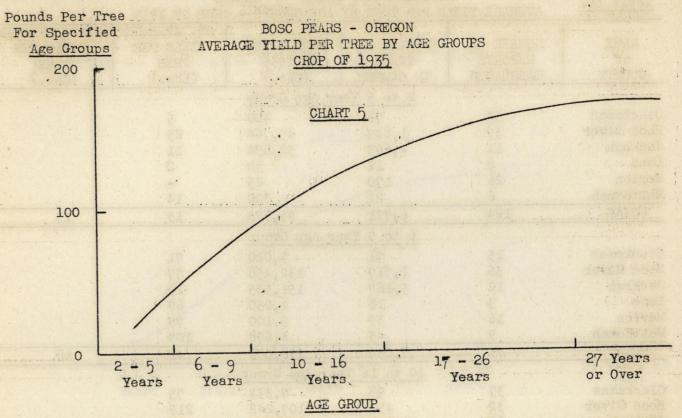


The Survey listed a total of 733 farms which reported having D'Anjou Pear trees in only one age group. These 733 farms represented a total of 101,408 trees, or about 27 percent of the total of 368,591 D'Anjou trees enumerated in the six counties.

In the 2 to 5 year group the average yield from 14,140 trees was 8 pounds per tree, while 6,192 trees in the 6 to 9 year group averaged 96 pounds. In the 10 to 16 year group 14,666 trees averaged 205 pounds; 49,325 trees in the 17 to 26 year group averaged 225 pounds, and in the 27 year or older group 17,085 trees averaged 280 pounds. The Survey indicated that in 1935 D'Anjous yielded an average of 159 pounds per tree of all ages above one year, compared with 124 pounds for Bartletts, 140 pounds for All Winter Pears and 134 pounds for All Pears.

bartletts, 140	The Cart	D'ANJOU PEA	RS - OREGON		
Table 8.	AVERAGE YIEL	LD PER TREE BY	AGE GROUPS -	CROP OF 1935	Zeval Doon !
A STATE OF THE STA	2 to 5 Years	Age G	roups 10 to 16 Years	17 to 26 Years	27 Years and Over
Yield in Pounds					
Clackamas Hood River Jackson Lane Marion	3 8 8 - 19 37	59 120 59 36 43 47	72 217 183 35 66 118	77 391 182 73 83 118	89 374 287 111 156 223
Multnomah AVC	21	108	199	207	290
STRAIGHT AVG. WEIGHTED AVG.		96	205	225	280

Table 9.	ATTENDA OF THE	BOSC PEARS	- OREGON	TROP OF 1935	District Ball
	AVERAGE YIEL	D PER TREE BY	AGE GROUPS - 0	ST. AVERAGE	WT'D. AVERAGE
	NITING OF	NUMBER OF	PRODUCTION	YIELD PER	YIELD PER
NAME	NUMBER OF	TREES	IN 1935	TREE	TREE
ef	REPORTS TABULATED	IN SAMPLE	(Lbs.)	(Lbs.)	(Lbs.)
COUNTY	TABULATED			1-0-0-7	
			ar Age Group		
Clackamas	25	74	275	4	
Hood River	16	496	8,954	18	
Jackson	17	3,357	86,758	26	
Lane	6	. 5	28	6 26	
Marion	13	33	850	20	
Multnomah		7 0/5	06 865	24	24
TOTAL	77	3,965	96,865	24	4
			ear Age Group		
Clackamas	5	35	1,945	56 116	
Hood River	36	1,547	179,629	61	
Jackson	21	7,013	428,976	69	0
Lane	4	10	725	43	The state of the s
Marion	9	17	1,520	35	
Multnomah	82	8,665	613,485	71	70
TOTAL	95			2.7 X X	
			Year Age Group	62	
Clackamas	15	97	5,980	213	
Hood River	9.5	7,059	1,502,455	71	
Jackson	44	17,699	1,265,369 2,788	116	
Lane	8	18	2,150	119	
Marion	10	8	1,136	142	(mg)
Multnomah		24,905	2,779,878	112	116
TOTAL	177		NAME AND POST OF THE PERSON NAME AND ADDRESS OF THE PERSON NAM		NO TOWNS HOW
			Year Age Group	100	
Clackamas	17	48	5,243	109	
Hood River	29	1,283	273,232	157	
Jackson	93	32,785	5,158,458	162	
Lane	3	750	22,977	66	
Marion	21	350 138	15,414	112	
Multnomah	13	34,608	5,475,974	158	159
TOTAL	176			The Lorentz Burney Differs of the	- Alexander Co
			Older Age Grou		0
Clackamas	36	356	10,744	30 145	
Hood River	7	240	34,746	175	
Jackson	29	10,279	1,802,898	132	
Lane	4	18	3,550	197	
Marion	8	37	6,414	173	
Multnomah	11	10,936	1,859,144	170	173
TOTAL	95		Year or less		Total Comment
		- All Ages (1			
Clackamas	98	610	24,187	40	
Hood River	183	10,625	1,999,016	188	
Jackson	204	71,133	8,742,459	123	
Lane	25	49	4,948	101	
Marion	61	436	30,252	108	
Multnomah	36	226	24,484	130	129
TOTAL	607	83,079	10,825,346	170	

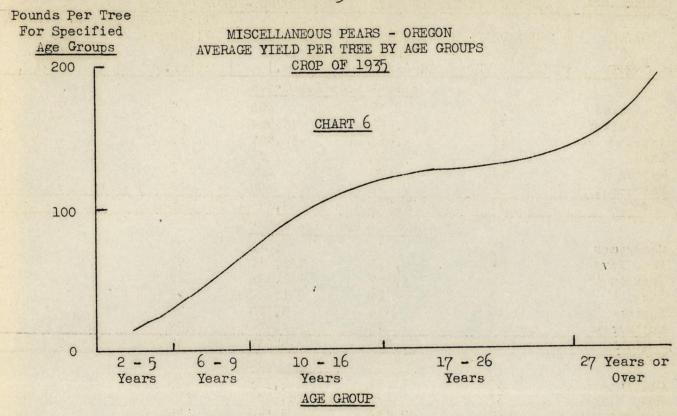


In the Survey a total of 607 farms reported having Bosc Pear trees in only one age group. These 607 farms represented a total of 83,079 trees over one year old, or about 40 percent of the total of 210,063 Bosc trees of all ages enumerated in the six counties. The average yield per tree in the 2 to 5 year group, as reported by 77 farms representing 3,965 trees, was 24 pounds, while in the 6 to 9 year group 8,665 trees on 82 farms averaged 70 pounds. In the 10 to 16 year group 24,905 trees on 177 farms averaged 116 pounds; in the 17 to 26 year group 34,608 trees on 176 farms averaged 159 pounds, and in the 27 year or older group 10,936 trees on 95 farms averaged 173 pounds each.

According to the Survey, Bosc trees in the 2 to 5 year group in 1935 yielded 24 pounds per tree, compared with 13 pounds for Bartletts, 8 pounds for D'Anjous and 17 pounds for Miscellaneous varieties.

BOSC PEARS - OREGON AVERAGE YIELD PER TREE BY AGE GROUPS - CROP OF 1935 Table 10. Age Groups 27 Years 17 to 26 10 to 16 2 to 5 6 to 9 COUNTIES and Over Years Years Years Yield in Pounds 30 145 175 132 197 173 62 109 18 26 6 56 116 61 69 43 35 Clackamas 213 213 Hood River 157 71 Jackson Lane 66 26 119 Marion 142 112 Multnomah 158 170 112 24 71 STRAIGHT AVG. 173 116 159 24 70 WEIGHTED AVG.

Table 11. MISCELLANEOUS PEARS - OREGON AVERAGE YIELD PER TREE BY AGE GROUPS - CROP OF 1935						
	AVERAGE ILEL	D PER TREE DI	AGE GROUPS - (ST. AVERAGE	TITTLE OF THE L	
NAME	NUMBER OF	NUMBER OF	DDODIGUTON		WT'D. AVERAGE	
of	REPORTS	TREES	PRODUCTION	YIELD PER	YIELD PER	
COUNTY	TABULATED	IN SAMPLE	IN 1935 (Lbs.)	TREE (Lbs.)	TREE (Lbs.)	
000111	IADOLATED			(TD2.)	(LUS.)	
			ar Age Group			
Clackamas	34	76	400	5		
Hood River	39	1,849	45,764	25		
Jackson Lane	11 8	4,663	52,854	11		
Marion	26	12	30	2		
Multnomah	6	170	300	14		
TOTAL	124	6,791	99,373	15	17	
TOTAL	754			1)	17	
	The same of the sa	A STATE OF THE PARTY OF THE PAR	ar Age Group			
Clackamas	15	71	5,010	71		
Hood River	36	1,717	132,458	77		
Jackson	12	5,169	151,535	29	0	
Lane	3	18	1,250	69		
Marion Multnomah	16	39	3,100	79		
TOTAL	91	43	4,678	109	48	
TOTAL	71	7,057		42	40	
1910-10	etsey		ear Age Group	SEY LOSY		
Clackamas	37	98	7,335	75		
Hood River	32	490	107,242	219		
Jackson	20	2,432	184,510	76		
Lane	.12	362	18,530	51		
Marion Multnomah	42	98.	7,470	76		
TOTAL	189	3,655	20,610	95	103	
TOTAL	107				. 109	
OD BEST NOR	Sa diam's about		ear Age Group	teraters emist		
Clackamas	89	461	37,772	82		
Hood River	43	551	156,604	284		
Jackson	111	28,097	3,445,058	123		
Lane Marion	18 51	79 365	9,210	117		
Multnomah	101	693	35,957 86,452	99		
TOTAL	413	30,246	3,771,053	125	127	
TOTAL	. 417				121	
27 Years or Older Age Group						
Clackamas	221	1,335	113,747	85		
Hood River	19	475	179,018	377		
Jackson	40	12,176	2,396,503	197		
Lane	24	83	10,750	130		
Marion Multnomah	95	395	39,225	99		
TOTAL	468	443	61,346 2,800,589	138	102	
TOTAL		14,907			192	
Total - All Ages (1 Year or less Excluded)						
Clackamas	396	2,041	164,264	80		
Hood River	169	5,082	621,086	122	A THIT ARTS	
Jackson	194	52,537	6,230,460	119	N. Je water almost	
Lane	65	554	39,770	72		
Marion	234	1,067	85,777	80		
Multnomah	227	1,375	173,386	126	300	
TOTAL	1,285	62,656	7,314,743	117	109	



In the Survey 1,285 farms reported 62,656 Miscellaneous Pear trees in single age groups over one year old. These 62,656 trees represent about 43 percent of the total of 145,833 Miscellaneous Pear trees of all ages enumerated in the six counties.

The average yield per tree in the 2 to 5 year group, according to reports from 124 farms having 6,791 trees, was 17 pounds in 1935. In the 6 to 9 year group 7,057 trees on 91 farms averaged 48 pounds; 3,655 trees in the 10 to 16 year group on 189 farms averaged 103 pounds; in the 17 to 26 year group, 30,246 trees on 413 farms averaged 127 pounds, and in the 27 year or older group 14,907 trees on 468 farms averaged 192 pounds each.

Table 12. MISCELLANEOUS PEARS - OREGON

AVERAGE VIELD PER TREE BY AGE GROUPS - CROP OF 1935

Table 12.	AVERAGE YIELD PER TREE BY AGE GROUPS - CROP OF 1935					
	Age Groups					
COUNTIES	2 to 5	6 to 9	10 to 16	17 to 26	27 Years	
	Years	Years	Years	Years	and Over	
Yield in Pounds						
Clackamas	5	71	75	82	85	
Hood River	25	77	219	284	377	
		00		107	100	
Jackson	11	29	76	123	197	
Lane	2	69	51	117	130	
Dano		380, 70	,-			
Marion	- 11	79	76	99	99	
Multnomah	14	109	118	125	138	
STRAIGHT AVG	. 15	42	95	125	188	
WEIGHTED AVG	. 17	48	103	127	192	