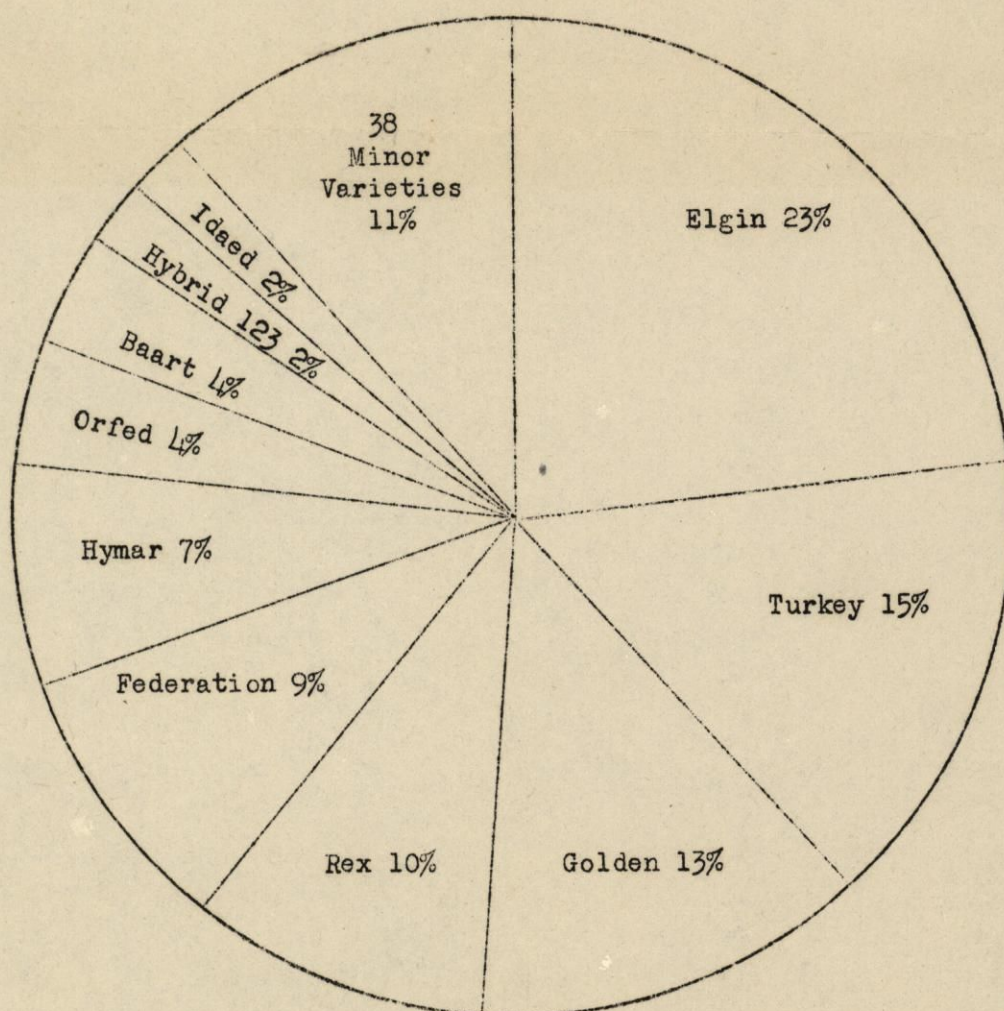


U.S. Department of Agriculture  
Bureau of Agricultural Economics  
Agricultural Estimates

In  
Cooperation  
With

Oregon Wheat Commission  
And  
Washington State Dept. of Agriculture

# PACIFIC NORTHWEST WHEAT 1949 BY VARIETIES



WHEAT PRODUCTION BY VARIETIES  
IN THE PACIFIC NORTHWEST

WASHINGTON  
OREGON • NORTHERN IDAHO



# PACIFIC NORTHWEST WHEAT

## 1949 ACREAGE HARVESTED AND PRODUCTION BY VARIETIES

(A preliminary report)

Five varieties, Elgin, Turkey, Golden, Rex, and Federation, accounted for approximately 70 percent of the wheat produced in the Northwest (Washington, Oregon, and northern Idaho) in 1949, according to a survey recently completed under the Northwest Wheat Project. Another group of five varieties, Hymar, Orfed, Baart, Hybrid 128, and Idaed, accounted for 19 percent, while the balance of 11 percent was made up of 38 varieties. This report, representing the first comprehensive survey of the acreage, yield, and production of wheat by varieties in the Northwest, was made possible largely through the cooperation of about seven thousand wheat growers.

Elgin (Alibel) was the most important variety produced in the Northwest in 1949, accounting for about 23 percent of the production. This variety has expanded rapidly in recent years, particularly in Oregon where it made up slightly more than a third of last year's crop. In both Washington and northern Idaho, Elgin accounted for a little less than 20 percent of the 1949 production. Turkey (Rio) was second in importance for the area as a whole, producing approximately 15 percent of the crop. While this variety ranks first in the State of Washington, it is of relatively little significance in both Oregon and northern Idaho. Golden (Goldcoin, Fortyfold), with 13 percent, was about as important as Turkey. This is the leading variety grown in northern Idaho, accounting for about a third of the 1949 crop. The variety is also of considerable significance in the State of Washington, where it made up 12 percent of the crop, but only about 6 percent of Oregon's crop was of this variety. While Rex ranked fourth in the Northwest with 10 percent, the variety is declining. In northern Idaho, however, it is important, ranking second last year with 28 percent, and it is still one of importance in Oregon where it made up about 14 percent of last year's crop, but in the State of Washington the variety accounted for less than 6 percent. Federation stands fifth in the area, with Oregon the leading producer. In that State close to 21 percent of the 1949 crop was of this variety, but in Washington it made up only a little more than 6 percent and in northern Idaho less than 1 percent.

In the second group, accounting for 19 percent of the 1949 wheat crop in the Northwest, Hymar is the most important. This variety, however, is of little significance in either Oregon or northern Idaho, but did account for close to 11 percent of the Washington State production. Orfed is more generally distributed, but most of the Northwest's crop is produced in Washington as is also the case with Baart and Hybrid 128. The production of Idaed in the State of Oregon is very small, but the variety is of some significance in Washington and northern Idaho, particularly the latter.

The 1949 production of wheat by classes in the Northwest is also indicated by the survey to have been about as follows: white wheat, 81.0 percent; hard red winter, 16.4; soft red winter, 1.0; and hard red spring, 1.4. White wheat made up about 95 percent of the 1949 crop in Oregon and about 93 percent in northern Idaho, but in Washington the percentage of white wheat was somewhat lower at 73. In Washington hard red winter is of considerable importance, accounting for about 24 percent of the 1949 crop.

This preliminary report on the 1949 production of wheat by varieties in the Northwest represents a segment of the data being collected under the Northwest Wheat Project. Federal funds for this project are being made available by the Research and Marketing Administration through the Bureau of Agricultural Economics while State matching funds are being contributed by the Oregon Wheat Commission and the Washington State Department of Agriculture. Copies of this report may be obtained by addressing H. C. R. Stewart, Agricultural Statistician, 348 Federal Office Building, Seattle; Walter Johnson, Assistant Director, State Department of Agriculture, Olympia; E. J. Bell, Administrator, Oregon Wheat Commission, Pendleton; R. C. Ross, Agricultural Statistician, P. O. Box 1778, Boise; or N. I. Nielsen, Agricultural Statistician, 306 U. S. Court House, Portland.

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W H E A T  
P A C I F I C   N O R T H W E S T  
ESTIMATED 1949 ACREAGE HARVESTED AND PRODUCTION BY VARIETIES  
(WASHINGTON, OREGON, NORTH IDAHO)

Class & Variety	: Acreage Harvested :		Yield :		Production	
	: Percent:		per		: Percent	
	: Acres		: of		: Bushels	
	: Total :		Acre		: of	
			Bu.			Total
<b>A. WHITE WHEAT</b>						
1. Elgin (Alicel)	759,695	18.2	27.6	20,946,230	22.9	
2. Golden (Goldcoin, Fortyfold)	525,180	12.6	22.7	11,912,930	13.0	
3. Rex	381,655	9.2	25.0	9,524,200	10.4	
4. Federation	392,015	9.4	21.9	8,572,670	9.3	
5. Hymar	270,860	6.5	23.9	6,464,650	7.1	
6. Orfed	184,645	4.4	21.5	3,962,050	4.3	
7. Baart	297,650	7.2	11.4	3,381,960	3.7	
8. Hybrid 128	93,385	2.2	22.8	2,128,200	2.3	
9. Idaed	100,090	2.4	18.4	1,842,500	2.0	
10. Wilhelmina (White Holland & Victory )	49,890	1.2	30.3	1,510,200	1.7	
11. Requad	65,800	1.6	22.2	1,460,100	1.6	
12. Marfed	21,880	.5	27.0	590,740	.6	
13. Zimmerman	19,900	.5	26.1	518,900	.6	
14. Jenkin	12,020	.3	29.3	351,800	.4	
15. Hard Federation	21,355	.5	16.0	342,100	.4	
16. Galgalos	16,410	.4	10.5	172,400	.2	
17. Lemhi	3,850	.1	30.1	115,800	.1	
18. White Winter	3,700	.1	23.9	88,500	.1	
19. Major	3,520	.1	18.0	63,300	.1	
20. Pilcrow (Thompson Club)	1,900	.1	33.3	63,200	.1	
21. Pacific Bluestem	3,410	.1	13.0	44,360	.1	
22. Albit	2,020	.1	16.8	34,000	--	
23. Prohibition	1,300	--	22.7	29,500	--	
24. Rink	925	--	25.9	24,000	--	
25. Florence (Burbank)	1,125	--	16.4	18,470	--	
26. Dicklow	630	--	18.3	11,550	--	
27. Hybrid 63	195	--	32.3	6,300	--	
28. Bluechaff	60	--	26.7	1,600	--	
TOTAL WHITE WHEAT	3,235,065	77.7	22.9	74,182,210	81.0	
<b>B. HARD RED WINTER WHEAT</b>						
29. Turkey (Rio)	734,425	17.6	18.6	13,690,840	14.9	
30. Ridit	26,400	.6	25.7	678,050	.7	
31. Wasatch	22,470	.6	18.2	408,300	.5	
32. Mosida	9,670	.2	17.2	166,600	.2	
33. Tenmarq	5,210	.1	21.4	111,400	.1	
34. Yogo	2,710	.1	8.5	23,000	--	
35. Pawnee	395	--	19.0	7,500	--	
TOTAL RED WINTER WHEAT (HARD)	801,280	19.2	18.8	15,085,690	16.4	
<b>C. SOFT RED WINTER WHEAT</b>						
36. Triplet	39,370	1.0	19.3	760,200	.8	
37. Red Russian	6,150	.1	30.5	187,350	.2	
38. Jones Fife	975	--	10.4	10,150	--	
TOTAL SOFT RED WINTER WHEAT	46,495	1.1	20.6	957,700	1.0	
<b>D. HARD RED SPRING WHEAT</b>						
39. Marquis	50,550	1.2	15.5	784,520	.9	
40. Kinney	5,060	.1	26.8	135,400	.2	
41. Thatcher	7,440	.2	16.9	125,400	.1	
42. Huston (Early Wonder)	4,500	.1	20.2	91,000	.1	
43. Regent	2,400	.1	20.6	49,440	.1	
44. Komar	1,900	.1	15.7	29,900	--	
45. Comet	850	--	13.5	11,500	--	
46. Rescue	280	--	28.0	7,840	--	
47. Mida	295	--	13.2	3,900	--	
48. Premier	40	--	25.0	1,000	--	
TOTAL HARD RED SPRING WHEAT	73,315	1.8	16.9	1,239,900	1.4	
OTHER & UNKNOWN	9,845	.2	16.2	159,500	.2	
TOTAL	4,166,000	100.0	22.0	91,625,000	100.0	



W H E A T  
S T A T E   O F   W A S H I N G T O N  
ESTIMATED 1949 ACREAGE HARVESTED AND PRODUCTION BY VARIETIES

Class & Variety	Acreage Harvested		Yield per Acre Bu.	Production	
	Acres	Percent		Bushels	Percent
		of Total			of Total
A. WHITE WHEAT					
1. Elgin (Alice)	387,370	14.3	27.6	10,697,000	18.6
2. Golden (Goldcoin, Fortyfold)	312,930	11.6	22.0	6,872,500	12.0
3. Hymar	256,620	9.5	24.0	6,153,700	10.7
4. Federation	158,900	5.9	23.3	3,698,000	6.4
5. Rex	110,450	4.1	28.9	3,191,900	5.6
6. Baart	275,570	10.2	11.3	3,105,600	5.4
7. Orfed	135,350	5.0	22.7	3,076,800	5.3
8. Hybrid 128	93,120	3.4	22.8	2,122,200	3.7
9. Requa	60,100	2.2	22.6	1,357,300	2.4
10. Idaed	43,040	1.6	16.3	701,600	1.2
11. Marfed	21,390	.8	27.2	580,900	1.0
12. Wilhelmina (White Holland & Victory)	3,790	.1	24.3	92,000	.2
13. Jenkin	3,520	.1	19.6	69,000	.1
14. Major	3,520	.1	18.0	63,300	.1
15. Pilcrow (Thompson Club)	1,900	.1	33.3	63,200	.1
16. Pacific Bluestem	3,250	.1	12.4	40,300	.1
17. Hard Federation	1,350	--	25.6	34,500	.1
18. Lemhi	540	--	42.6	23,000	--
19. Albit	1,620	.1	14.2	23,000	--
TOTAL WHITE WHEAT	1,874,330	69.2	22.4	41,965,800	73.0
B. HARD RED WINTER WHEAT					
20. Turkey (Rio)	693,810	25.7	18.9	13,118,200	22.8
21. Wasatch	22,470	.8	18.2	408,300	.7
22. Riddit	17,050	.6	20.6	350,800	.6
23. Tenmarq	5,140	.2	21.3	109,300	.2
24. Yogo	2,710	.1	8.5	23,000	.1
25. Mosida	270	--	21.5	5,800	--
TOTAL HARD RED WINTER WHEAT	741,450	27.4	18.9	14,015,400	24.4
C. SOFT RED WINTER WHEAT					
26. Triplet	34,380	1.3	19.2	661,400	1.1
27. Red Russian	2,980	.1	32.8	97,800	.2
28. Jones Fife	270	--	21.1	5,700	--
TOTAL SOFT RED WINTER WHEAT	37,630	1.4	20.3	764,900	1.3
D. HARD RED SPRING WHEAT					
29. Marquis	39,520	1.4	13.8	546,400	1.0
30. Thatcher	7,040	.3	16.3	115,000	.2
31. Komar	1,620	.1	14.2	23,000	--
TOTAL HARD RED SPRING WHEAT	48,180	1.8	14.2	684,400	1.2
32. OTHER & UNKNOWN	5,410	.2	14.9	80,500	.1
TOTAL	2,707,000	100.0	21.2	57,511,000	100.0



# W H E A T

## S T A T E   O F   O R E G O N

### ESTIMATED 1949 ACREAGE HARVESTED AND PRODUCTION BY VARIETIES

Class and Variety	: Acreage Harvested :		Yield :		Production	
	:           : Percent :		Per       :		: Percent	
	: Acres   : or Total:		Acre     :		Bushels  :	
	:           :		: Bu.     :		:           :	
A.   WHITE WHEAT						
1. Elgin (Alicel)	315,715	30.1	26.5	8,381,100	36.1	
2. Federation	228,425	21.8	20.9	4,781,000	20.6	
3. Rex	173,705	16.5	19.1	3,309,800	14.3	
4. Golden (Goldcoin Fortyfold)	73,000	7.0	19.9	1,454,700	6.3	
5. Wilhelmina (White Holland and Victory)	42,800	4.1	30.9	1,320,800	5.7	
6. Orfed	38,975	3.7	18.4	718,100	3.1	
7. Zimmerman	19,900	1.9	26.1	518,900	2.2	
8. Hard Federation	19,765	1.9	15.2	300,400	1.3	
9. Jenkin	8,400	.8	33.3	279,900	1.2	
10. Baart	21,800	2.1	12.4	270,200	1.2	
11. Galgalos	16,410	1.6	10.5	172,400	.7	
12. Idaed	7,770	.7	19.4	150,600	.7	
13. Lemhi	3,310	.3	28.0	92,800	.4	
14. White Winter	3,700	.4	23.9	88,500	.4	
15. Requa	4,220	.4	20.0	84,300	.4	
16. Prohibition	1,300	.1	22.7	29,500	.1	
17. Hymar	1,140	.1	25.7	29,300	.1	
18. Rink	925	.1	25.9	24,000	.1	
19. Dicklow	630	.1	18.3	11,550	.1	
20. Albit	400	-	27.5	11,000	.1	
21. Marfed	450	-	20.0	9,000	-	
22. Hybrid 63	195	-	32.3	6,300	-	
23. Hybrid 128	265	-	22.6	6,000	-	
24. Bluechaff	60	-	26.7	1,600	-	
25. Pacific Bluestem	60	-	20.0	1,200	-	
26. Florence (Burbank)	25	-	26.0	650	-	
TOTAL WHITE WHEAT	983,345	93.7	22.4	22,053,600	95.1	
B.   HARD RED WINTER WHEAT						
27. Turkey (Rio)	40,205	3.8	14.0	563,000	2.4	
28. Mosida	1,600	.2	24.9	39,900	.2	
29. Pawnee	395	-	19.0	7,500	-	
TOTAL RED WINTER WHEAT (HARD)	42,200	4.0	14.5	610,400	2.6	
C.   SOFT RED WINTER WHEAT						
30. Red Russian	1,600	.2	27.5	44,000	.2	
31. Jones Fife	135	-	9.6	1,300	-	
TOTAL SOFT RED WINTER WHEAT	1,735	.2	26.1	45,300	.2	
D.   HARD RED SPRING WHEAT						
32. Marquis	7,190	.7	22.2	159,400	.7	
33. Kinney	5,060	.5	26.8	135,400	.5	
34. Huston (Early Wonder)	4,500	.4	20.2	91,000	.4	
35. Comet	850	.1	13.5	11,500	.1	
36. Thatcher	400	-	26.0	10,400	-	
37. Komar	280	-	24.6	6,900	-	
38. Mida	5	-	20.0	100	-	
TOTAL HARD RED SPRING WHEAT	18,285	1.7	22.7	414,700	1.8	
39. OTHER AND UNKNOWN	4,435	.4	17.8	79,000	.3	
TOTAL	1,050,000	100.0	22.1	23,203,000	100.0	



# W H E A T

## N O R T H E R N I D A H O

### ESTIMATED 1949 ACREAGE HARVESTED AND PRODUCTION BY VARIETIES

Class & Variety	: Acreage Harvested :		Yield per Acre Bu.	: Production :	
	Acres	:Percent:		Bushels	:Percent
		: of :			: of
		: Total :			: Total
<b>A. WHITE WHEAT</b>					
1. Golden (Goldcoin Fortyfold)	139,250	34.0	25.8	3,585,730	32.9
2. Rex	97,500	23.8	31.0	3,022,500	27.7
3. Elgin (Alicel)	56,610	13.8	33.0	1,868,130	17.1
4. Idaed	49,280	12.1	20.1	990,300	9.1
5. Hymar	13,100	3.2	21.5	281,650	2.6
6. Orfed	10,320	2.5	16.2	167,150	1.5
7. Wilhelmina (White Holland & Victory)	3,300	.8	29.5	97,400	.9
8. Federation	4,690	1.2	20.0	93,670	.9
9. Requa	1,480	.4	12.5	18,500	.2
10. Florence (Burbank)	1,100	.3	16.2	17,820	.1
11. Hard Federation	240	.1	30.0	7,200	.1
12. Baart	280	.1	22.0	6,160	.1
13. Jenkin	100	--	29.0	2,900	--
14. Pacific Bluestem	100	--	28.6	2,860	--
15. Marfed	40	--	21.0	840	--
TOTAL WHITE WHEAT	377,390	92.3	26.9	10,162,810	93.2
<b>B. HARD RED WINTER WHEAT</b>					
16. Riddit	9,350	2.3	35.0	327,250	3.0
17. Mosida	7,800	1.9	15.5	120,900	1.1
18. Turkey (Rio)	410	.1	23.5	9,640	.1
19. Tenmarq	70	--	30.0	2,100	--
TOTAL HARD RED WINTER WHEAT	17,630	4.3	26.1	459,890	4.2
<b>C. SOFT RED WINTER WHEAT</b>					
20. Triplet	4,990	1.2	19.8	98,800	.9
21. Red Russian	1,570	.4	29.0	45,550	.4
22. Jones Fife	570	.1	5.5	3,150	--
TOTAL SOFT RED WINTER WHEAT	7,130	1.7	20.7	147,500	1.3
<b>D. HARD RED SPRING WHEAT</b>					
23. Marquis	3,840	.9	20.5	78,720	.7
24. Regent	2,400	.6	20.6	49,440	.5
25. Rescue	280	.1	28.0	7,840	.1
26. Mida	290	.1	13.1	3,800	--
27. Premier	40	--	25.0	1,000	--
TOTAL HARD RED SPRING WHEAT	6,850	1.7	20.6	140,800	1.3
OTHER & UNKNOWN	--	--	--	--	--
TOTAL	409,000	100.0	26.7	10,911,000	100.0