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DURUM DATA

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FOREWORD

Pertinent statistical information must be collected and made available if the Durum Industry is to be kept informed of the broader economic aspects of the business, to keep track of trends, and, if possible, aid in forecasting future developments. These comments were made at a recent Durum Wheat Seminar at North Dakota State University and prompted the collection of data contained in this report. Although a number of industry facets are not covered, due to lack of complete data, it is hoped this report will stimulate interest in the collection and dissemination of more accurate and usable durum statistics.

"Durum Data" is the seventh in a series of reports and articles made possible through a grant from the North Dakota State Wheat Commission. The grant was made to the Department of Agricultural Economics for a study of the "Factors Affecting the Marketing of North Dakota Wheat." Previous publications in this series are:

1. Wheat Statistics for North Dakota, Fred R. Taylor, Ronald A. Anderson, Agricultural Economics Report No. 20, August 1961.
2. Protein Content of North Dakota Wheat, Ronald A. Anderson, North Dakota Farm Research, March-April 1962.
3. Market Factors of North Dakota Hard Red Spring Wheat, Ronald A. Anderson, Fred R. Taylor, Agricultural Economics Report No. 21, April 1962.
4. North Dakota Hard Red Spring Wheat Shipments, Ronald A. Anderson, Fred R. Taylor, North Dakota Farm Research, September-October 1962.
5. Durum Market Factors, 1962, Ronald A. Anderson, North Dakota Farm Research, January-February 1963.
6. Quality Factors of North Dakota Durum Shipments, 1960, 1961, 1962, Ronald A. Anderson, Fred R. Taylor, Agricultural Economics Report No. 26, January 1963.

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DURUM DATA

Ronald A. Anderson, Fred R. Taylor and Clinton D. Kurtz¹

Durum is essentially a North Dakota crop. During the past five years North Dakota has produced between 77 and 87 per cent of the total United States durum production. The average North Dakota acreage harvested (1950-1959) was 1,269,000 acres and the average production (1950-1959) was 19,073,000 bushels. The 1962 crop was harvested from 1,922,000 acres with an average yield of 31.0 bushels per acre.

The most important area of production is in the "durum triangle," a thirteen-county area in north central North Dakota.

DURUM WHEAT (PRELIMINARY)

State	Yield per acre		Production	
	Average		Average	
	1951-60	1962	1951-60	1962
	Bushels	Bushels	1000 bushels	1000 bushels
North Dakota	14.5	31.0	18,517	59,582
South Dakota	11.8	18.0	1,697	2,718
Montana	17.8 ¹	24.0	5,561 ¹	7,056
Minnesota	18.1	27.0	680	1,296
California	48.8 ¹	62.0	331 ¹	682
United States	14.6	28.6	24,951	71,334

¹Short-time average.

A 10 per cent sample of all carlots of durum wheat inspected at the Grand Forks inspection point between August 1 and October 31, 1960-1961 and 1962 provides a good indication of the high quality of the durum shipments from North Dakota.

In 1960, 89 per cent of the carlot shipments graded No. 3 hard amber durum or better. In 1961, 96 per cent fell in this category, and in 1962, 87 per cent of the carlot shipments graded No. 1, 2 or 3 hard amber durum.²

¹Assistant in Agricultural Economics, Agricultural Economist, and Research Assistant, respectively.

²Quality Factors of North Dakota Durum Shipments, 1960, 1961, 1962, Ronald A. Anderson, Fred R. Taylor, Agricultural Economics Report No. 26, January 1963.

TABLE 1. DURUM WHEAT: UNITED STATES ACRES SEEDED AND HARVESTED, PER CENT ABANDONED, TOTAL PRODUCTION AND YIELD PER HARVESTED AND SEEDED ACRE, 1935-62

Year	Acres Seeded	Acres Har- vested	Seeded, But Not Har- vested	Per Cent Aban- doned	Total Pro- duction	Yield Per Har- vested Acre	Yield Per Seeded Acre
	- - - - - 000 acres	- - - - -	- - - - -	(%)	(000 bu.)	- - bu./acre - -	
1935	2,428	2,228	200	9.0	23,426	10.5	9.6
1936	3,555	1,543	2,012	130.4	8,113	5.2	2.3
1937	3,214	2,785	429	15.4	27,957	10.0	8.7
1938	3,793	3,484	309	8.9	29,715	11.4	10.5
1939	3,128	2,965	163	5.5	32,486	11.0	10.4
1940	3,371	3,029	342	11.3	32,294	10.7	9.6
1941	2,598	2,524	74	2.9	40,658	16.1	15.6
1942	2,155	2,109	46	2.2	41,236	19.6	19.1
1943	2,136	2,078	58	2.8	33,505	16.1	15.7
1944	2,099	2,057	42	2.0	29,666	14.4	14.1
1945	2,026	2,004	22	1.1	32,840	16.4	16.2
1946	2,493	2,453	40	1.6	35,836	14.6	14.4
1947	2,975	2,948	27	0.9	44,328	15.0	14.9
1948	3,278	3,220	58	1.8	45,142	14.0	13.8
1949	3,767	3,570	197	5.5	39,072	10.9	10.4
1950	2,918	2,829	89	3.1	37,212	13.1	12.8
1951	2,586	2,518	68	2.6	34,762	13.8	13.4
1952	2,328	2,174	154	6.6	22,493	10.3	9.7
1953	2,103	1,865	238	11.3	12,967	7.0	6.2
1954	1,637	1,309	328	20.0	4,982	3.8	3.0
1955	1,385	1,348	37	2.7	19,580	14.5	14.1
1956	2,489	2,318	171	6.9	38,791	16.7	15.6
1957	2,370	2,286	84	3.5	39,935	17.5	16.9
1958	938	906	32	3.4	21,669	23.9	23.1
1959	1,217	1,141	76	6.2	20,192	17.7	16.6
1960 ¹	1,673	1,642	31	1.8	34,141	20.8	20.4
1961 ¹	1,715	1,540	175	10.2	18,955	12.3	11.1
1962 ²		2,426			71,334	28.6	
1963							
1964							

¹Preliminary

²Estimated

SOURCE: The Wheat Situation, ERS, USDA

TABLE 2. TOTAL UNITED STATES DURUM PRODUCTION AND PER CENT OF TOTAL PRODUCED IN EACH MAJOR DURUM PRODUCING STATE, 1935 THROUGH 1961

Year	Total United States Production (000 bu.)	Major Durum Producing States				
		North Dakota	South Dakota	Montana	Minnesota	Cali- fornia
		per cent				
1935	23,426	76	17	1	6	--
1936	8,113	81	9	--	10	--
1937	27,957	82	13	--	5	--
1938	39,715	76	20	--	4	--
1939	32,486	79	18	--	3	--
1940	32,294	78	18	--	4	--
1941	40,658	81	16	--	3	--
1942	41,236	84	13	--	3	--
1943	33,505	90	8	--	2	--
1944	29,666	91	7	--	2	--
1945	32,840	91	8	--	1	--
1946	35,836	90	8	--	2	--
1947	44,328	91	6	--	3	--
1948	45,142	90	8	--	2	--
1949	39,072	88	9	--	3	--
1950	37,212	86	10	--	4	--
1951	34,762	82	16	--	2	--
1952	22,493	89	9	--	2	--
1953	12,967	93	6	--	1	--
1954	4,982	85	10	4	1	--
1955	19,580	65	4	29	2	--
1956	38,791	48	3	47	2	--
1957	39,935	67	5	22	6	--
1958	21,669	86	7	4	3	--
1959	20,192	85	2	10	3	--
1960	34,141	79	6	11	3	1
1961 ¹	18,955	77	10	8	3	2
1962 ²	71,334	83	4	10	2	1
1963						
1964						

¹Preliminary

²Estimated

SOURCE: Agricultural Statistics, USDA
The Wheat Situation, ERS; USDA
Crop Production, Annual Summary, SRS, USDA

TABLE 3. TOTAL UNITED STATES DURUM ACREAGE HARVESTED AND PER CENT OF TOTAL IN EACH MAJOR DURUM PRODUCING STATE, 1935 THROUGH 1962

Year	Total United States Acreage Harvested (000 acres)	Major Durum Producing States				
		North Dakota	South Dakota	Montana	Minnesota	Cali- fornia
		per cent				
1935	2,228	76	18	1	5	--
1936	1,543	82	11	--	7	--
1937	2,785	75	22	--	3	--
1938	3,484	76	22	--	2	--
1939	2,965	83	15	--	2	--
1940	3,029	78	19	--	3	--
1941	2,524	79	18	--	3	--
1942	2,109	81	16	--	3	--
1943	2,078	85	13	--	2	--
1944	2,057	88	10	--	2	--
1945	2,004	91	8	--	1	--
1946	2,453	91	8	--	1	--
1947	2,948	92	6	--	2	--
1948	3,220	90	8	--	2	--
1949	3,570	88	10	--	2	--
1950	2,829	85	12	--	3	--
1951	2,518	84	14	--	2	--
1952	2,174	84	15	--	1	--
1953	1,865	93	6	--	1	--
1954	1,309	93	5	1	1	--
1955	1,348	73	5	20	2	--
1956	2,318	50	6	42	2	--
1957	2,286	65	5	25	5	--
1958	906	86	8	4	2	--
1959	1,141	82	5	9	4	--
1960	1,642	78	7	13	2	*
1961 ¹	1,540	82	8	8	2	*
1962 ²	2,426	79	6	12	2	1
1963						
1964						

*Less than one (1) per cent of total United States acreage harvested.

¹Preliminary

²Estimated

SOURCE: Agricultural Statistics, USDA
The Wheat Situation, ERS, USDA
Crop Production, Annual Summary, SRS, USDA

FIGURE 1. LOCATION OF CROP REPORTING DISTRICTS IN MONTANA,
NORTH DAKOTA, SOUTH DAKOTA AND WESTERN MINNESOTA

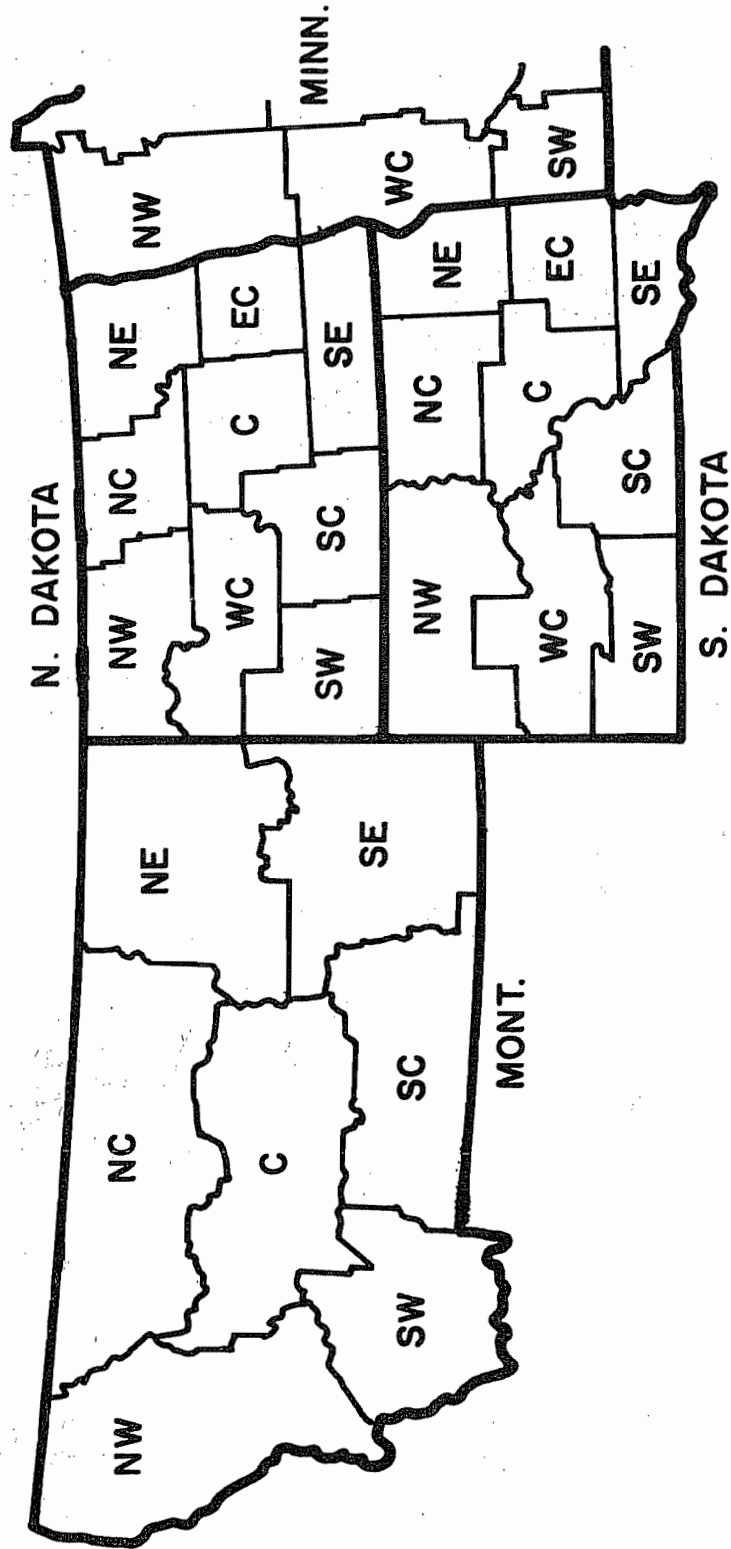


TABLE 4. DURUM WHEAT ACREAGE HARVESTED IN NORTH DAKOTA, BY MAJOR DURUM PRODUCING COUNTIES AND CROP REPORTING DISTRICTS, 1956 THROUGH 1961

County and District	Crop Year					
	1956	1957	1958	1959	1960	1961
	- - - - - 000 acres - - - - -					
Burke	6.5	8.0	2.5	8.2	12.5	17.0
Mountrail	28.5	37.0	12.0	23.0	43.0	46.0
Renville	9.0	18.0	9.0	12.5	23.0	29.0
Ward	28.0	34.0	10.0	23.5	43.0	44.0
Other Counties	<u>50.0</u>	<u>53.0</u>	<u>7.5</u>	<u>14.8</u>	<u>28.0</u>	<u>23.0</u>
NORTHWEST DIST.	121.5	150.0	41.0	82.0	149.5	159.0
Benson	68.0	94.0	68.0	84.0	112.0	97.0
Bottineau	49.0	58.0	38.0	57.0	87.0	104.0
McHenry	18.0	19.5	12.0	16.0	24.0	24.0
Pierce	29.5	51.0	36.0	48.0	57.0	51.0
Rolette	<u>64.0</u>	<u>60.0</u>	<u>40.0</u>	<u>49.0</u>	<u>65.0</u>	<u>68.0</u>
N. CENTRAL DIST.	228.5	282.5	194.0	254.0	345.0	344.0
Cavalier	109.0	142.0	68.0	72.0	102.0	117.0
Grand Forks	45.5	54.0	21.0	24.5	27.0	27.0
Nelson	43.0	76.0	60.0	67.0	78.0	75.0
Pembina	30.0	38.0	14.0	11.0	13.0	14.5
Ramsey	98.0	128.0	93.0	106.0	130.0	136.0
Towner	108.0	114.0	79.0	99.0	124.0	127.0
Walsh	<u>60.0</u>	<u>75.0</u>	<u>34.0</u>	<u>33.5</u>	<u>36.0</u>	<u>37.0</u>
NORTHEAST DIST.	493.5	627.0	369.0	413.0	510.0	533.5
Eddy	23.5	20.0	14.0	13.5	15.5	14.0
Foster	14.0	15.0	12.0	10.5	15.5	20.0
Stutsman	16.5	29.0	9.0	10.3	15.0	18.0
Wells	45.0	58.0	36.0	32.0	42.0	46.0
Other Counties	<u>11.0</u>	<u>14.5</u>	<u>5.5</u>	<u>6.2</u>	<u>8.5</u>	<u>9.0</u>
CENTRAL DIST.	110.0	136.5	76.5	72.5	96.5	107.0
Barnes	21.5	31.0	6.5	7.5	11.0	14.0
Cass	9.5	24.0	4.0	5.0	5.0	7.0
Griggs	10.5	16.0	5.5	8.3	11.0	13.0
Steele	9.5	21.0	11.0	11.0	15.0	15.0
Traill	<u>5.0</u>	<u>13.0</u>	<u>3.0</u>	<u>4.4</u>	<u>6.0</u>	<u>6.5</u>
E. CENTRAL DIST.	56.0	105.0	30.0	36.2	48.0	55.5
Dickey	7.5	11.5	11.0	13.5	15.5	18.0
LaMoure	11.0	16.0	6.5	9.0	13.5	20.0
Ransom	7.0	11.5	5.5	7.5	12.0	13.0
Richland	4.5	7.0	2.0	5.0	6.0	7.0
Sargent	15.0	14.5	9.0	12.0	17.5	21.0
Other Counties	<u>6.5</u>	<u>7.5</u>	<u>4.0</u>	<u>5.1</u>	<u>6.5</u>	<u>7.0</u>
SOUTHEAST DIST.	51.5	68.0	38.0	52.1	71.0	86.0
ALL OTHER DISTRICTS	95.0	111.0	21.5	37.2	60.0	59.0
STATE TOTAL	1,156.0	1,480.0	770.0	947.0	1,280.0	1,344.0

SOURCE: North Dakota Crop and Livestock Statistics, AMS, USDA and Department of Agricultural Economics, North Dakota State University, Fargo, North Dakota

TABLE 5. DURUM WHEAT PRODUCTION IN NORTH DAKOTA, BY MAJOR DURUM PRODUCING COUNTIES AND CROP REPORTING DISTRICTS, 1956 THROUGH 1961

County and District	Crop Year					
	1956	1957	1958	1959	1960	1961
	- - - - - 000 bu. - - - - -					
Burke	117.0	136.0	37.5	147.6	262.5	127.5
Mountrail	476.0	592.0	240.0	310.5	838.5	391.0
Renville	153.0	324.0	166.5	231.2	517.5	188.5
Ward	476.0	612.0	220.0	399.5	946.0	352.0
Other Counties	650.0	719.5	109.0	182.1	552.0	211.5
NORTHWEST DISTRICT	1,872.0	2,383.5	773.0	1,270.9	3,116.5	1,270.5
Benson	1,156.0	1,457.0	1,564.0	1,260.0	2,408.0	776.0
Bottineau	784.0	928.0	646.0	940.5	1,870.5	936.0
McHenry	225.0	263.2	204.0	192.0	408.0	144.0
Pierce	442.5	612.0	720.0	672.0	997.5	331.5
Rolette	896.0	810.0	680.0	857.5	1,202.5	850.0
NORTH CENTRAL DIST.	3,503.5	4,070.2	3,814.0	3,922.0	6,886.5	3,037.0
Cavalier	1,907.5	2,840.0	1,836.0	1,728.0	2,040.0	2,047.0
Grand Forks	910.0	1,323.0	672.0	637.0	702.0	580.5
Nelson	731.0	1,520.0	1,740.0	1,440.0	1,755.0	1,200.0
Pembina	570.0	779.0	434.0	286.0	377.0	210.2
Ramsey	1,666.0	2,240.0	2,325.0	2,014.0	2,665.0	1,836.0
Towner	1,620.0	1,995.0	1,817.0	2,227.5	2,480.0	1,968.5
Walsh	1,110.0	1,650.0	935.0	670.0	720.0	555.0
NORTHEAST	8,514.5	12,347.0	9,759.0	9,003.0	10,739.0	8,397.7
Eddy	352.5	310.0	315.0	182.2	310.0	112.0
Foster	238.0	292.5	372.0	173.2	387.5	240.0
Stutsman	264.0	536.5	234.0	164.8	405.0	198.0
Wells	765.0	928.0	828.0	384.0	987.0	506.0
Other Counties	149.0	170.5	112.5	48.4	155.8	61.5
CENTRAL DISTRICT	1,768.5	2,237.5	1,861.5	952.6	2,245.3	1,117.5
Barnes	344.0	666.5	162.5	146.2	258.5	238.0
Cass	171.0	552.0	100.0	110.0	122.5	175.0
Griggs	157.5	312.0	154.0	174.3	264.0	182.0
Steele	171.0	535.5	385.0	297.0	465.0	367.5
Traill	105.0	357.5	102.0	114.4	192.0	159.2
EAST CENTRAL DIST.	948.5	2,423.5	903.5	841.9	1,302.0	1,121.7
Dickey	75.0	224.2	291.5	101.2	341.0	306.0
LaMoure	154.0	256.0	159.2	126.0	283.5	260.0
Ransom	87.5	218.5	126.5	105.0	234.0	247.0
Richland	69.5	168.0	58.0	85.0	150.0	136.5
Sargent	165.0	304.5	243.0	138.0	411.2	399.0
Other Counties	92.4	114.0	79.0	56.1	120.8	66.0
SOUTHEAST DISTRICT	643.7	1,285.2	957.2	611.3	1,540.5	1,414.5
ALL OTHER DISTRICTS	1,245.3	1,894.0	414.8	444.3	1,050.2	441.1
STATE TOTAL	18,496.0	26,640.9	18,480.0	17,046.0	26,880.0	16,800.0

SOURCE: North Dakota Crop and Livestock Statistics, AMS, USDA and Department of Agricultural Economics, North Dakota State University, Fargo, North Dakota

TABLE 6. DURUM WHEAT: YIELD PER HARVESTED ACRE IN NORTH DAKOTA, BY MAJOR DURUM PRODUCING COUNTIES AND CROP REPORTING DISTRICTS, 1956 THROUGH 1961

County and District	Crop Year					
	1956	1957	1958	1959	1960	1961
	bushels					
Burke	18.0	17.0	15.0	18.0	21.0	7.5
Mountrail	17.0	16.0	20.0	13.5	19.5	8.5
Renville	17.0	18.0	18.5	18.5	22.5	6.5
Ward	17.0	18.0	22.0	17.0	22.0	8.0
Other Counties	<u>13.0</u>	<u>13.6</u>	<u>14.5</u>	<u>12.2</u>	<u>19.8</u>	<u>9.1</u>
NORTHWEST DISTRICT	15.4	15.9	18.9	15.5	20.8	8.0
Benson	17.0	15.5	23.0	15.0	21.5	8.0
Bottineau	16.0	16.0	17.0	16.5	21.5	9.0
McHenry	12.5	13.5	17.0	12.0	17.0	6.0
Pierce	15.0	12.0	20.0	14.0	17.5	6.5
Rolette	<u>14.0</u>	<u>13.5</u>	<u>17.0</u>	<u>17.5</u>	<u>18.5</u>	<u>12.5</u>
NORTH CENTRAL DIST.	15.3	14.4	19.7	15.4	20.0	8.8
Cavalier	17.5	20.0	27.0	24.0	20.0	17.5
Grand Forks	20.2	24.5	32.0	26.0	26.0	21.5
Nelson	17.0	20.0	29.0	21.5	22.5	16.0
Pembina	19.0	20.5	31.0	26.0	29.0	14.5
Ramsey	17.0	17.5	25.0	19.0	20.5	13.5
Towner	15.0	17.5	23.0	22.5	20.0	15.5
Walsh	<u>18.5</u>	<u>22.0</u>	<u>27.5</u>	<u>20.5</u>	<u>20.0</u>	<u>15.0</u>
NORTHEAST DISTRICT	17.3	19.7	26.4	21.8	21.1	15.7
Eddy	15.0	15.5	22.5	13.5	20.0	8.0
Foster	17.0	19.5	31.0	16.5	25.0	12.0
Stutsman	16.0	18.5	26.0	16.0	27.0	11.0
Wells	17.0	16.0	23.0	12.0	23.5	11.0
Other Counties	<u>14.6</u>	<u>11.6</u>	<u>20.5</u>	<u>8.0</u>	<u>18.0</u>	<u>6.8</u>
CENTRAL DISTRICT	16.1	16.4	24.3	13.1	23.3	10.4
Barnes	16.0	21.5	25.0	19.5	23.5	17.0
Cass	18.0	23.0	25.0	22.0	24.5	25.0
Griggs	15.0	19.5	28.0	21.0	24.0	14.0
Steele	18.0	25.5	35.0	27.0	31.0	24.5
Traill	<u>21.0</u>	<u>27.5</u>	<u>34.0</u>	<u>26.0</u>	<u>32.0</u>	<u>24.5</u>
EAST CENTRAL DIST.	16.9	23.1	30.1	23.3	27.1	20.2
Dickey	10.0	19.5	26.5	7.5	22.0	17.0
LaMoure	14.0	16.0	24.5	14.0	21.0	13.0
Ransom	12.5	19.0	23.0	14.0	19.5	19.0
Richland	15.5	24.0	29.0	17.0	25.0	19.5
Sargent	11.0	21.0	27.0	11.5	23.5	19.0
Other Counties	<u>14.2</u>	<u>15.2</u>	<u>19.8</u>	<u>11.0</u>	<u>18.7</u>	<u>9.4</u>
SOUTHEAST DISTRICT	16.0	18.9	25.2	11.7	21.7	16.4
ALL OTHER DISTRICTS	13.1	17.1	19.2	10.7	16.1	7.5
STATE TOTAL	16.0	18.0	24.0	18.0	21.0	12.5

SOURCE: North Dakota Crop and Livestock Statistics, AMS, USDA and Department of Agricultural Economics, North Dakota State University, Fargo, North Dakota

TABLE 7. DURUM WHEAT: PER CENT OF SEEDED ACRES ABANDONED IN NORTH DAKOTA, BY MAJOR DURUM PRODUCING COUNTIES AND CROP REPORTING DISTRICTS, 1956 THROUGH 1961

County and District	Crop Year					
	1956	1957	1958	1959	1960	1961
	per cent					
Burke	7.1	6.3	16.6	3.5	0.8	8.1
Mountrail	3.5	3.9	7.7	8.0	0.7	19.3
Renville	2.2	2.7	2.1	10.7	5.0	9.4
Ward	1.1	2.9	1.9	4.1	1.2	20.0
Other Counties	<u>7.4</u>	<u>4.5</u>	<u>5.1</u>	<u>7.5</u>	<u>1.1</u>	<u>11.5</u>
NORTHWEST DISTRICT	4.7	3.9	5.3	6.8	1.6	15.6
Benson	2.9	1.6	2.9	3.4	0.9	24.8
Bottineau	2.0	1.7	2.6	1.7	1.1	7.1
McHenry	5.3	2.5	11.1	3.0	2.0	20.0
Pierce	4.8	1.9	6.5	5.9	0.5	23.9
Rolette	<u>1.5</u>	<u>1.6</u>	<u>7.0</u>	<u>2.0</u>	<u>0.3</u>	<u>10.5</u>
NORTH CENTRAL DIST.	2.8	1.7	4.9	3.2	0.9	16.9
Cavalier	3.5	1.4	2.9	1.4	2.9	4.1
Grand Forks	1.1	1.8	2.3	2.0	1.8	3.6
Nelson	2.3	2.6	1.6	2.9	2.5	2.6
Pembina	4.8	7.3	3.5	---	---	3.3
Ramsey	2.0	2.3	2.1	1.9	1.5	4.2
Towner	2.7	1.3	2.5	1.0	1.6	3.0
Walsh	<u>1.6</u>	<u>2.0</u>	<u>2.9</u>	<u>1.5</u>	<u>1.4</u>	<u>5.1</u>
NORTHEAST DISTRICT	2.6	2.0	2.4	1.7	1.9	3.7
Eddy	2.1	4.8	6.7	3.6	2.5	12.5
Foster	6.7	14.3	0.8	1.9	1.3	4.8
Stutsman	2.9	4.9	4.3	17.6	1.3	5.3
Wells	2.2	7.9	1.4	5.9	1.2	8.0
Other Counties	<u>8.3</u>	<u>9.4</u>	<u>---</u>	<u>3.1</u>	<u>2.3</u>	<u>25.0</u>
CENTRAL DISTRICT	3.5	7.8	2.6	6.6	1.5	7.6
Barnes	2.3	4.6	1.5	2.6	6.0	1.4
Cass	5.0	4.0	11.1	7.4	9.1	1.4
Griggs	4.6	20.0	1.8	2.4	1.8	2.2
Steele	5.0	4.6	4.4	1.8	6.3	1.3
Traill	<u>9.1</u>	<u>3.7</u>	<u>1.4</u>	<u>2.2</u>	<u>1.6</u>	<u>---</u>
EAST CENTRAL DIST.	4.3	7.1	5.4	3.0	5.0	1.4
Dickey	1.2	2.5	4.4	6.9	11.4	1.1
LaMoure	4.4	3.0	3.0	5.3	1.5	0.9
Ransom	6.7	4.2	3.5	3.8	1.6	---
Richland	10.0	6.7	---	5.7	---	---
Sargent	6.3	3.3	4.3	2.4	1.7	3.7
Other Counties	<u>7.1</u>	<u>7.4</u>	<u>2.4</u>	<u>12.1</u>	<u>4.4</u>	<u>7.8</u>
SOUTHEAST DISTRICT	7.2	4.1	3.6	5.6	4.1	3.1
ALL OTHER DISTRICTS	12.8	4.8	2.7	5.6	2.6	13.7
STATE TOTAL	4.2	3.4	3.4	3.5	1.9	9.7

SOURCE: North Dakota Crop and Livestock Statistics, AMS, USDA and Department of Agricultural Economics, North Dakota State University, Fargo, North Dakota

TABLE 8. NORTH DAKOTA DURUM ACREAGE HARVESTED, YIELD PER ACRE, PRODUCTION AND PER CENT OF SEEDED ACRES ABANDONED, 1962 PRELIMINARY DATA

County and District	Acres Harvested (000 acres)	Yield Per Harvested Acre (bu./acre)	Total Production (000 bu.)	Per Cent Abandoned (%)
Burke	27.0	36.0	972.0	1.8
Mountrail	74.0	34.0	2,516.0	2.6
Renville	43.0	33.0	1,419.0	2.3
Ward	77.0	37.0	2,849.0	1.3
Other Counties	43.0	31.2	1,340.0	2.3
NORTHWEST DISTRICT	264.0	34.5	9,096.0	2.0
Benson	149.0	31.0	4,619.0	1.3
Bottineau	148.0	34.0	5,032.0	1.3
McHenry	44.0	34.0	1,496.0	2.2
Pierce	80.0	31.0	2,480.0	1.2
Rolette	101.0	29.0	2,929.0	0.9
NORTH CENTRAL DIST.	522.0	31.7	16,556.0	1.3
Cavalier	165.0	27.0	4,455.0	2.9
Grand Forks	37.0	33.0	1,221.0	2.6
Nelson	96.0	29.0	2,784.0	2.0
Pembina	14.0	34.0	476.0	3.4
Ramsey	176.0	28.0	4,928.0	2.2
Towner	175.0	29.0	5,075.0	1.1
Walsh	42.0	29.0	1,218.0	2.3
NORTHEAST DISTRICT	705.0	28.6	20,157.0	2.2
Eddy	19.0	28.0	532.0	2.6
Foster	39.0	32.0	1,248.0	1.2
Stutsman	26.0	38.0	988.0	1.9
Wells	57.0	34.0	1,938.0	1.7
Other Counties	10.0	34.6	346.0	2.0
CENTRAL DISTRICT	151.0	33.5	5,052.0	1.8
Barnes	19.0	36.0	684.0	2.6
Cass	12.0	32.0	384.0	4.0
Griggs	18.0	38.0	684.0	1.6
Steele	24.0	38.0	912.0	1.6
Traill	8.0	36.0	288.0	1.2
EAST CENTRAL DIST.	81.0	36.4	2,952.0	3.4
Dickey	21.0	27.0	567.0	4.5
LaMoure	24.0	27.0	648.0	4.0
Ransom	16.0	21.0	336.0	3.0
Richland	10.0	21.0	210.0	20.0
Sargent	25.0	21.0	525.0	5.7
Other Counties	9.0	29.7	267.0	2.2
SOUTHEAST DISTRICT	105.0	24.3	2,553.0	6.0
ALL OTHER DISTRICTS	94.0	34.2	3,216.0	1.9
STATE TOTAL	1,922.0	31.0	59,582.0	2.1

SOURCE: Statistical Reporting Service, USDA, Fargo, North Dakota

TABLE 9. DURUM WHEAT ACREAGE HARVESTED IN MONTANA, BY MAJOR DURUM PRODUCING COUNTIES AND CROP REPORTING DISTRICTS, 1956 THROUGH 1961

County and District	Crop Year					
	1956	1957	1958	1959	1960	1961
	----- 000 acres -----					
Blaine	39.3	23.9	0.2	----	0.1	----
Chouteau	45.2	17.2	0.7	2.3	2.4	0.8
Glacier	29.2	14.5	0.1	0.6	2.2	0.3
Hill	62.0	39.2	0.5	2.8	4.0	0.7
Liberty	73.0	26.6	2.8	5.1	20.3	28.8
Phillips	37.5	23.5	0.5	1.0	2.8	0.8
Pondera	72.1	40.9	5.6	19.6	22.9	12.6
Teton	35.0	26.5	1.8	13.4	15.8	10.6
Toole	92.9	51.7	2.1	10.8	20.2	9.0
NORTH CENTRAL DIST.	486.2	264.0	14.3	55.6	90.7	63.6
Daniels	44.0	30.8	0.4	4.0	10.8	3.6
Dawson	43.0	26.6	0.7	3.9	4.6	0.1
Garfield	1.8	2.0	0.4	1.8	0.4	----
McCone	59.0	30.4	1.3	4.8	6.1	4.7
Richland	43.2	31.2	4.2	5.0	12.9	5.3
Roosevelt	75.6	50.1	6.8	10.4	30.8	10.3
Sheridan	46.0	41.3	3.4	14.0	29.2	21.4
Valley	112.0	70.5	2.0	8.6	14.7	4.1
NORTHEAST DISTRICT	424.6	282.9	19.2	52.5	109.5	49.5
Carter	0.5	0.5	0.3	0.4	0.2	----
Custer	3.2	1.0	0.5	0.7	1.4	0.1
Fallon	5.0	2.2	----	0.9	----	----
Powder River	1.9	1.0	0.5	----	----	----
Prairie	4.5	1.4	----	0.3	0.1	0.3
Rosebud	3.9	0.5	----	0.5	0.3	0.2
Wibaux	4.4	2.3	----	0.5	0.9	0.5
SOUTHEAST DISTRICT	23.4	8.9	1.3	3.3	2.9	1.1
Big Horn	2.5	0.4	0.2	0.4	0.9	0.2
Carbon	0.8	0.5	0.7	0.4	0.1	0.2
Park	0.4	2.1	0.1	0.1	0.4	----
Stillwater	0.1	0.1	0.1	0.2	0.2	----
Sweet Grass	0.1	0.2	0.1	0.1	----	0.3
Treasure	0.1	0.1	----	----	----	----
Yellowstone	1.5	0.5	1.1	0.8	1.0	1.3
SOUTH CENTRAL DIST.	5.5	3.9	2.3	2.0	2.6	2.0
ALL OTHER DISTRICTS	38.3	17.3	2.9	1.6	2.3	2.8
STATE TOTAL	978.0	577.0	40.0	115.0	208.0	119.0

SOURCE: Montana Agricultural Statistics, AMS, USDA, Montana Department of Agriculture, Helena, Montana

TABLE 10. DURUM WHEAT PRODUCTION IN MONTANA, BY MAJOR DURUM PRODUCING COUNTIES AND CROP REPORTING DISTRICTS, 1956 THROUGH 1961

County and District	Crop Year					
	1956	1957	1958	1959	1960	1961
	- - - - - 000 bu. - - - - -					
Blaine	797.5	295.3	4.5	-----	1.8	-----
Chouteau	949.2	266.6	21.7	55.2	33.6	8.8
Glacier	848.3	246.5	3.4	12.6	35.2	5.1
Hill	1,366.8	588.0	14.0	58.8	56.0	5.6
Liberty	2,044.0	399.0	78.4	91.8	304.5	288.0
Phillips	525.0	272.1	9.0	10.0	33.6	9.6
Pondera	2,093.7	722.8	168.0	437.2	419.7	250.2
Teton	957.0	539.6	59.2	350.8	317.8	195.0
Toole	2,695.5	827.2	65.1	172.8	282.8	72.0
NORTH CENTRAL DIST.	12,277.0	4,157.1	423.3	1,189.2	1,485.0	834.3
Daniels	484.0	338.8	3.6	56.0	205.2	32.4
Dawson	344.0	399.4	10.8	35.0	47.0	0.4
Garfield	12.6	18.0	4.4	10.8	2.8	-----
McCone	592.0	425.6	11.7	33.6	57.1	27.0
Richland	405.8	625.2	77.2	59.6	201.0	61.6
Roosevelt	797.5	627.8	88.4	114.4	646.8	103.0
Sheridan	552.0	536.9	40.8	224.0	700.8	214.0
Valley	1,594.4	925.3	18.0	93.8	219.8	39.2
NORTHEAST DISTRICT	4,782.3	3,897.0	254.9	627.2	2,080.5	477.6
Carter	3.5	6.0	3.0	4.0	2.4	-----
Custer	28.8	21.0	6.0	13.9	25.1	2.9
Fallon	50.0	35.2	-----	8.1	-----	-----
Powder River	15.2	29.0	5.0	-----	-----	-----
Prairie	22.5	27.7	-----	4.0	2.6	3.9
Rosebud	33.6	10.0	-----	7.0	6.6	5.6
Wibaux	30.8	41.4	-----	3.5	16.2	2.5
SOUTHEAST DISTRICT	184.4	170.3	14.0	40.5	52.9	14.9
Big Horn	52.1	12.0	3.8	8.0	18.3	3.9
Carbon	21.6	11.4	19.2	13.2	2.8	6.2
Park	8.0	46.8	3.0	2.0	7.1	-----
Stillwater	2.3	2.5	3.0	6.0	5.4	-----
Sweet Grass	4.8	6.0	2.3	1.1	-----	3.2
Treasure	2.3	3.0	-----	-----	-----	-----
Yellowstone	46.5	13.6	35.6	28.0	36.0	33.8
SOUTH CENTRAL DIST.	137.6	95.3	66.9	58.3	69.6	47.1
ALL OTHER DISTRICTS	711.7	335.3	80.9	39.8	56.0	54.1
STATE TOTAL	18,093.0	8,655.0	840.0	1,955.0	3,744.0	1,428.0

SOURCE: Montana Agricultural Statistics, AMS, USDA, Montana Department of Agriculture, Helena, Montana

TABLE 11. DURUM WHEAT: YIELD PER HARVESTED ACRE IN MONTANA, BY MAJOR DURUM PRODUCING COUNTIES AND CROP REPORTING DISTRICTS, 1956 THROUGH 1961

County and District	Crop year					
	1956	1957	1958	1959	1960	1961
	----- bushels -----					
Blaine	20.3	12.4	22.5	----	18.0	----
Chouteau	21.0	15.5	31.0	24.0	14.0	11.0
Glacier	29.1	17.0	34.0	21.0	16.0	17.0
Hill	22.0	15.0	28.0	21.0	14.0	8.0
Liberty	28.0	15.0	28.0	18.0	15.0	10.0
Phillips	14.0	11.6	18.0	10.0	12.0	12.0
Pondera	29.0	17.7	30.0	22.3	18.3	19.9
Teton	27.3	20.4	32.9	26.2	20.1	18.4
Toole	<u>29.0</u>	<u>16.0</u>	<u>31.0</u>	<u>16.0</u>	<u>14.0</u>	<u>8.0</u>
NORTH CENTRAL DIST.	25.3	15.7	29.6	21.4	16.4	13.1
Daniels	11.0	11.0	9.0	14.0	19.0	9.0
Dawson	8.0	15.0	15.4	9.0	10.2	4.0
Garfield	7.0	9.0	11.0	6.0	7.0	----
McCone	10.0	14.0	9.0	7.0	9.4	5.7
Richland	9.4	20.0	18.4	11.9	15.6	11.6
Roosevelt	10.5	12.5	13.0	11.0	21.0	10.0
Sheridan	12.0	13.0	12.0	16.0	24.0	10.0
Valley	<u>14.2</u>	<u>13.1</u>	<u>9.0</u>	<u>10.9</u>	<u>15.0</u>	<u>9.6</u>
NORTHEAST DISTRICT	11.3	13.8	13.3	11.9	19.0	9.6
Carter	7.0	12.0	10.0	10.0	12.0	----
Custer	9.0	21.0	12.0	19.9	17.9	29.0
Fallon	10.0	16.0	----	9.0	----	----
Powder River	8.0	29.0	10.0	----	----	----
Prairie	5.0	19.8	----	13.3	26.0	13.0
Rosebud	8.6	20.0	----	14.0	22.0	28.0
Wibaux	<u>7.0</u>	<u>18.0</u>	<u>----</u>	<u>7.0</u>	<u>18.0</u>	<u>5.0</u>
SOUTHEAST DISTRICT	7.9	19.1	10.8	12.3	18.2	13.5
Big Horn	20.8	30.0	19.0	20.0	20.3	19.5
Carbon	27.0	22.8	27.4	33.0	28.0	31.0
Park	20.0	22.3	30.0	20.0	17.8	----
Stillwater	23.0	25.0	30.0	30.0	27.0	----
Sweet Grass	48.0	30.0	23.0	11.0	----	10.7
Treasure	23.0	30.0	----	----	----	----
Yellowstone	<u>31.0</u>	<u>27.2</u>	<u>32.4</u>	<u>35.0</u>	<u>36.0</u>	<u>26.0</u>
SOUTH CENTRAL DIST.	25.0	24.4	29.1	29.2	26.8	23.6
ALL OTHER DISTRICTS	20.9	19.4	27.8	24.8	24.3	19.3
STATE TOTAL	18.5	15.0	21.0	17.0	18.0	12.0

SOURCE: Montana Agricultural Statistics, AMS, USDA, Montana Department of Agriculture, Helena, Montana

TABLE 12. DURUM WHEAT: PER CENT OF SEEDED ACRES ABANDONED IN MONTANA, BY MAJOR DURUM PRODUCING COUNTIES AND CROP REPORTING DISTRICTS, 1956 THROUGH 1961

County and District	Crop Year					
	1956	1957	1958	1959	1960	1961
	Per Cent					
Blaine	1.0	5.9	0	----	0	----
Chouteau	1.1	1.1	0	8.0	0	0
Glacier	1.0	0.7	0	0	0	25.0
Hill	0.6	2.0	0	0	2.4	36.4
Liberty	0.5	4.6	0	1.9	0.5	1.0
Phillips	1.0	8.9	0	9.1	0	0
Pondera	2.0	1.0	1.7	0.5	1.7	0.8
Teton	1.1	1.1	10.0	0.7	0.6	0.9
Toole	2.0	8.8	0	0.9	3.3	25.6
NORTH CENTRAL DIST.	1.3	4.3	2.0	1.2	0.4	6.0
Daniels	7.0	3.1	0	0	0.9	7.7
Dawson	6.9	1.1	12.5	0	6.1	75.0
Garfield	45.4	0	0	5.3	0	----
McCone	10.1	1.9	18.8	11.1	4.7	35.6
Richland	4.0	3.1	0	2.0	11.6	3.6
Roosevelt	7.0	1.9	1.4	1.0	1.3	20.2
Sheridan	3.0	7.0	2.8	0.7	0.7	7.8
Valley	1.0	3.0	4.8	1.1	0.7	12.8
NORTHEAST DISTRICT	5.5	3.4	3.5	2.0	2.9	14.5
Carter	16.7	16.7	40.0	0	0	----
Custer	25.6	0	0	0	0	0
Fallon	35.1	4.3	----	10.0	----	----
Powder River	9.5	0	0	----	----	----
Prairie	29.7	0	----	0	0	0
Rosebud	4.9	16.7	----	0	0	50.0
Wibaux	20.0	4.2	----	0	0	0
SOUTHEAST DISTRICT	23.8	4.3	13.3	2.9	0	15.3
Big Horn	3.8	0	50.0	0	18.2	33.3
Carbon	0	0	12.5	20.0	0	0
Park	0	0	0	0	0	----
Stillwater	0	0	50.0	0	0	----
Sweet Grass	0	0	0	0	----	0
Treasure	0	0	----	----	----	----
Yellowstone	0	0	21.4	0	9.1	7.1
SOUTH CENTRAL DIST.	1.8	0	23.3	4.8	10.3	9.1
ALL OTHER DISTRICTS	2.0	3.4	3.3	0	0	3.4
STATE TOTAL	3.8	3.8	4.8	1.7	2.3	9.8

SOURCE: Montana Agricultural Statistics, AMS, USDA, Montana Department of Agriculture, Helena, Montana

TABLE 13. DURUM WHEAT ACREAGE HARVESTED IN SOUTH DAKOTA, BY MAJOR DURUM PRODUCING COUNTIES AND CROP REPORTING DISTRICTS, 1956 THROUGH 1961

County and District	Crop Year					
	1956	1957	1958	1959	1960	1961
	- - - - - 000 acres - - - - -					
Clark	6.1	4.7	4.1	5.5	11.8	11.5
Codington	2.0	2.7	3.6	3.4	5.6	7.0
Day	5.9	7.1	7.2	7.4	12.2	14.1
Deuel	0.3	0.3	0.7	0.6	0.7	1.7
Grant	0.7	0.8	1.3	0.7	1.4	1.8
Hamlin	0.6	1.1	1.3	1.7	2.3	3.3
Marshall	3.8	4.0	3.3	3.6	5.5	4.1
Roberts	4.1	4.4	3.5	4.0	5.9	6.6
NORTHEAST DISTRICT	23.5	25.1	25.0	26.9	45.4	50.1
Brown	7.7	9.3	4.7	4.5	10.7	8.9
Campbell	1.5	1.1	0.5	0.1	1.4	1.4
Edmunds	4.0	6.5	1.5	1.1	3.1	2.8
Faulk	1.3	2.5	1.7	0.5	1.1	0.9
McPherson	2.1	2.5	1.4	1.1	2.6	1.7
Potter	1.5	1.2	1.2	0.6	0.6	0.6
Spink	10.6	5.6	3.1	2.8	7.6	7.4
Walworth	1.7	1.7	0.7	0.1	0.9	0.8
NORTH CENTRAL DIST.	30.4	30.4	14.8	10.8	28.0	24.5
Brookings	0.5	0.5	0.8	1.1	0.8	1.9
Davison	*	0.1	0.1	----	*	*
Hanson	0.2	0.2	0.1	0.4	0.3	0.4
Kingsbury	14.8	10.3	6.4	8.4	11.3	12.0
Lake	0.1	0.1	0.3	0.2	0.6	0.6
McCook	0.1	*	0.1	*	0.1	0.2
Miner	0.8	0.8	0.4	0.7	1.2	1.5
Minnehaha	0.1	0.1	0.1	0.1	0.1	0.2
Moody	0.1	*	0.1	*	0.1	0.1
Sanborn	0.2	0.2	0.2	0.2	0.1	0.3
EAST CENTRAL DIST.	16.9	12.3	8.6	11.1	14.6	17.2
Aurora	0.5	0.2	0.1	0.1	0.3	0.2
Beadle	5.8	5.1	2.9	2.9	5.3	6.1
Brule	0.8	1.3	0.4	*	0.1	0.2
Buffalo	0.2	0.3	*	----	*	0.1
Hand	3.0	2.4	1.0	0.1	0.6	1.0
Hughes	2.9	2.3	1.6	*	0.3	0.2
Hyde	0.3	0.3	0.2	0.1	0.2	0.2
Jerauld	0.1	0.2	0.2	0.1	0.2	0.3
Sully	5.4	5.3	1.5	1.0	2.4	3.0
CENTRAL DISTRICT	19.0	17.4	7.9	4.3	9.4	11.3
ALL OTHER DISTRICTS	40.2	52.8	14.7	9.9	19.6	14.9
STATE TOTAL	130.0	118.0	71.0	63.0	117.0	118.0

*Less than 100 acres.

SOURCE: South Dakota Agricultural Statistics, SRS, USDA and the South Dakota Department of Agriculture

TABLE 14. DURUM WHEAT PRODUCTION IN SOUTH DAKOTA, BY MAJOR DURUM PRODUCING COUNTIES AND CROP REPORTING DISTRICTS, 1956 THROUGH 1961

County and District	Crop Year					
	1956	1957	1958	1959	1960	1961
	000 bu.					
Clark	67.1	79.9	84.0	35.8	224.2	172.5
Codington	25.0	40.5	68.4	20.4	95.2	129.5
Day	56.0	117.2	158.4	44.4	262.3	239.7
Deuel	4.9	4.9	15.8	6.6	15.4	37.4
Grant	10.5	13.2	29.2	7.4	30.1	33.3
Hamlin	9.0	19.8	27.3	12.8	47.2	59.4
Marshall	43.7	68.0	75.9	28.8	126.5	67.6
Roberts	55.4	72.6	89.2	30.0	150.4	115.5
NORTHEAST DISTRICT	271.6	416.1	548.2	186.2	951.3	854.9
Brown	61.6	176.7	105.8	31.5	208.6	146.8
Campbell	11.2	20.9	9.6	0.6	19.6	14.0
Edmunds	30.0	110.5	27.3	8.8	65.1	25.2
Faulk	9.1	47.5	37.4	1.8	21.4	9.4
McPherson	15.8	40.0	29.4	5.0	31.2	23.8
Potter	12.0	26.4	28.2	2.1	11.1	6.0
Spink	79.5	92.4	66.6	19.6	155.8	92.5
Walworth	16.2	34.8	15.0	1.5	10.8	5.6
NORTH CENTRAL DIST.	235.4	549.2	319.3	70.9	523.6	323.3
Brookings	6.8	7.7	18.0	13.8	18.0	36.1
Davison	0.1	1.9	2.2	----	0.7	3.4
Hanson	1.4	3.4	3.4	3.2	8.8	7.7
Kingsbury	118.4	149.4	134.4	96.7	214.7	201.6
Lake	1.0	2.1	7.7	2.0	12.0	10.2
McCook	0.4	0.7	1.9	0.2	1.8	4.4
Miner	6.4	9.3	8.6	6.0	22.2	28.5
Minnehaha	0.6	1.0	2.2	1.3	1.6	3.2
Moody	0.5	0.4	2.6	0.1	2.1	1.9
Sanborn	1.4	2.8	3.7	1.3	1.4	4.2
EAST CENTRAL DIST.	137.0	178.7	184.7	124.6	283.3	301.2
Aurora	2.9	2.7	2.5	0.7	7.1	3.3
Beadle	34.8	71.4	56.6	26.1	90.1	82.4
Brule	5.6	18.2	6.5	0.1	2.9	2.7
Buffalo	1.2	3.9	0.7	----	0.4	1.4
Hand	22.5	36.0	21.4	1.3	11.1	14.0
Hughes	17.4	39.1	31.2	0.2	5.3	2.5
Hyde	2.2	4.4	4.6	0.5	4.6	2.5
Jerauld	0.7	2.6	3.7	0.7	3.5	4.8
Sully	32.4	87.4	33.8	4.0	52.8	43.5
CENTRAL DISTRICT	119.7	265.7	161.0	33.6	177.8	157.1
ALL OTHER DISTRICTS	276.3	537.3	277.8	88.7	287.0	192.5
STATE TOTAL	1,040.0	1,947.0	1,491.0	504.0	2,223.0	1,829.0

SOURCE: South Dakota Agricultural Statistics, SRS, USDA and the South Dakota Department of Agriculture

TABLE 15. DURUM WHEAT: YIELD PER HARVESTED ACRE IN SOUTH DAKOTA, BY MAJOR DURUM PRODUCING COUNTIES AND CROP REPORTING DISTRICTS, 1956 THROUGH 1961

County and District	Crop Year					
	1956	1957	1958	1959	1960	1961
Clark	11.0	17.0	20.5	6.5	19.0	15.0
Codington	12.5	15.0	19.0	6.0	17.0	18.5
Day	9.5	16.5	22.0	6.0	21.5	17.0
Deuel	14.5	17.0	22.5	11.0	22.0	22.0
Grant	15.0	16.5	22.5	10.5	21.5	18.5
Hamlin	15.0	18.0	21.0	7.5	20.5	18.0
Marshall	11.5	17.0	23.0	8.0	23.0	16.5
Roberts	13.5	16.5	25.5	7.5	25.5	17.5
NORTHEAST DISTRICT	11.5	16.6	21.9	6.9	21.0	17.1
Brown	8.0	19.0	22.5	7.0	19.5	16.5
Campbell	7.5	19.0	19.5	5.5	14.0	10.0
Edmunds	7.5	17.0	21.0	8.0	21.0	9.0
Faulk	7.0	19.0	22.0	3.5	19.5	10.5
McPherson	7.5	16.0	21.0	4.5	12.0	14.0
Potter	8.0	22.0	23.5	3.5	18.5	10.0
Spink	7.5	16.5	21.5	7.0	20.5	12.5
Walworth	9.5	20.5	21.5	12.5	12.0	7.0
NORTH CENTRAL DIST.	7.7	18.1	21.9	6.5	18.7	13.2
Brookings	13.5	16.0	22.5	12.5	22.5	19.0
Davison	6.0	14.5	24.0	----	22.0	15.0
Hanson	6.0	18.0	24.5	9.0	26.0	18.0
Kingsbury	8.0	14.5	21.0	11.5	19.0	16.8
Lake	8.0	16.0	26.5	9.5	20.0	17.0
McCook	8.0	17.0	21.5	8.5	20.0	20.0
Miner	8.0	15.5	20.0	8.5	18.5	19.0
Minnehaha	9.5	17.0	22.5	16.5	20.0	17.5
Moody	10.5	18.0	26.5	10.5	23.5	19.0
Sanborn	6.5	15.0	19.5	7.5	19.5	14.5
EAST CENTRAL DIST.	8.1	14.7	21.4	11.3	19.4	17.3
Aurora	6.0	14.0	19.5	5.5	21.5	14.5
Beadle	6.0	14.0	19.5	9.0	17.0	13.5
Brule	7.0	14.0	17.5	7.0	17.0	13.0
Buffalo	6.5	13.5	18.5	----	18.0	13.0
Hand	7.5	15.0	21.4	7.5	18.5	14.0
Hughes	6.0	17.0	19.5	4.0	19.5	14.0
Hyde	6.5	15.0	21.0	9.0	19.0	14.0
Jerauld	6.5	13.5	19.5	5.5	16.0	14.0
Sully	6.0	16.5	22.5	4.0	22.0	14.5
CENTRAL DISTRICT	6.3	15.3	20.3	7.6	18.6	13.9
ALL OTHER DISTRICTS	6.9	16.3	18.7	9.1	14.8	13.2
STATE TOTAL	8.0	16.5	21.0	8.0	19.0	15.5

SOURCE: South Dakota Agricultural Statistics, SRS, USDA and the South Dakota Department of Agriculture

TABLE 16. DURUM WHEAT: PER CENT OF SEEDED ACRES ABANDONED IN SOUTH DAKOTA, BY MAJOR DURUM PRODUCING COUNTIES AND CROP REPORTING DISTRICTS, 1956 THROUGH 1961

County and District	Crop Year					
	1956	1957	1958	1959	1960	1961
	Per Cent					
Clark	6.2	2.8	2.4	30.4	1.7	4.2
Codington	4.8	3.6	2.7	37.0	1.8	4.1
Day	15.7	1.4	1.4	26.7	1.6	7.2
Deuel	2.9	3.3	----	14.3	----	----
Grant	11.6	----	----	41.7	----	----
Hamlin	14.3	8.3	----	26.1	----	2.9
Marshall	13.6	2.4	3.0	12.5	1.8	8.9
Roberts	4.7	2.2	2.8	25.9	1.7	1.5
NORTHEAST DISTRICT	10.0	2.4	2.0	28.8	1.5	4.8
Brown	11.2	1.1	2.1	46.4	1.8	4.3
Campbell	25.0	8.3	2.0	77.8	----	6.7
Edmunds	21.7	1.5	7.1	50.0	----	3.5
Faulk	38.0	3.8	5.6	50.0	----	----
McPherson	8.7	3.8	1.3	26.7	----	5.6
Potter	42.3	8.0	7.7	45.5	----	----
Spink	26.4	1.8	3.1	53.3	2.7	2.6
Walworth	15.0	5.6	1.3	76.0	----	----
NORTH CENTRAL DIST.	22.3	2.6	5.3	48.8	1.4	3.5
Brookings	----	4.0	11.1	21.4	----	----
Davison	33.0	13.3	10.0	100.0	----	8.0
Hanson	36.8	5.0	6.7	30.0	----	4.4
Kingsbury	5.7	1.0	1.5	5.6	0.9	2.4
Lake	----	13.3	3.3	58.0	----	----
McCook	20.0	20.0	----	85.0	----	----
Miner	30.7	----	2.3	12.5	----	----
Minnehaha	----	14.3	----	68.0	----	----
Moody	----	33.3	----	90.9	----	----
Sanborn	47.5	5.0	5.0	34.6	----	3.3
EAST CENTRAL DIST.	9.4	1.7	2.8	14.9	0.7	2.0
Aurora	62.3	5.0	7.1	47.8	2.9	4.2
Beadle	72.3	1.9	3.3	39.6	1.9	1.6
Brule	46.7	7.1	5.1	86.7	5.6	4.6
Buffalo	52.6	3.3	20.0	----	----	----
Hand	58.9	4.0	----	81.1	----	----
Hughes	58.6	4.2	5.9	81.8	3.6	5.3
Hyde	57.5	3.3	4.3	70.0	4.0	5.3
Jerauld	63.3	5.0	5.0	48.0	4.3	2.9
Sully	64.0	1.9	6.3	47.4	----	3.2
CENTRAL DISTRICT	61.0	3.0	4.3	48.9	1.6	2.2
ALL OTHER DISTRICTS	47.2	5.3	6.8	54.2	3.2	17.1
STATE TOTAL	38.1	3.3	4.1	38.2	1.7	5.6

SOURCE: South Dakota Agricultural Statistics, SRS, USDA and the South Dakota Department of Agriculture

TABLE 17. DURUM WHEAT PRODUCTION AND ACRES HARVESTED IN MINNESOTA, BY MAJOR DURUM PRODUCING COUNTIES AND CROP REPORTING DISTRICTS, 1956 THROUGH 1961

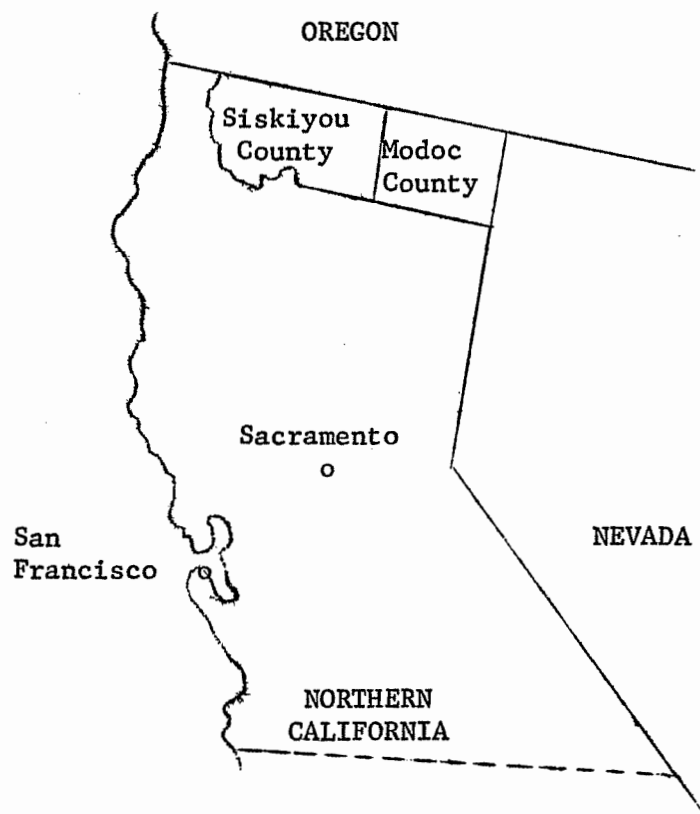
County and District	Crop Year					
	1956	1957	1958	1959	1960	1961
<u>Production (000 bu.)</u>						
Clay	77.9	260.0	69.3	65.0	92.4	105.4
Kittson	199.5	394.4	81.2	79.8	151.2	78.0
Marshall	193.2	552.0	133.3	177.6	162.0	149.1
Norman	16.0	-----	-----	-----	18.9	27.0
Polk	235.8	881.4	142.6	158.4	201.6	171.6
Other Counties	<u>49.5</u>	<u>157.0</u>	<u>35.3</u>	<u>28.0</u>	<u>38.5</u>	<u>17.5</u>
NORTHWEST DISTRICT	771.9	2,244.8	461.7	508.8	664.6	548.6
Wilkin	33.0	100.0	42.0	36.0	70.2	43.5
Other Counties	<u>28.6</u>	<u>37.2</u>	<u>19.9</u>	<u>22.4</u>	<u>32.0</u>	<u>13.4</u>
WEST CENTRAL DIST.	61.6	137.2	61.9	58.4	102.2	56.9
ALL OTHER DISTRICTS	40.6	56.0	46.4	30.8	31.2	10.5
STATE TOTAL	874.1	2,438.0	570.0	598.0	798.0	616.0
<u>Acreage (000 acres)</u>						
Clay	4.1	10.0	2.1	2.5	2.8	3.4
Kittson	9.5	23.2	2.9	4.2	5.6	5.2
Marshall	9.2	24.0	4.3	7.4	6.0	7.1
Norman	1.0	-----	-----	-----	0.7	1.0
Polk	13.1	33.9	4.6	6.6	7.2	7.8
Other Counties	<u>2.8</u>	<u>6.5</u>	<u>1.2</u>	<u>1.2</u>	<u>1.5</u>	<u>0.9</u>
NORTHWEST DISTRICT	39.7	97.6	15.1	21.9	23.8	25.4
Wilkin	2.2	4.0	1.5	1.5	2.7	1.5
Other Counties	<u>2.0</u>	<u>2.0</u>	<u>0.7</u>	<u>1.3</u>	<u>1.2</u>	<u>0.6</u>
WEST CENTRAL DIST.	4.2	6.0	2.2	2.8	3.9	2.1
ALL OTHER DISTRICTS	2.1	2.4	1.7	1.3	1.3	0.5
STATE TOTAL	46.0	106.0	19.0	26.0	29.0	28.0

SOURCE: Minnesota Agricultural Statistics, State-Federal Crop and Livestock Reporting Service, Saint Paul 1, Minnesota

TABLE 18. DURUM ACREAGE HARVESTED, YIELD PER HARVESTED ACRE AND TOTAL PRODUCTION IN CALIFORNIA, 1956 THROUGH 1961¹

Crop Year	Acreage Harvested acres	Yield Per acre Harvested bushels	Production bushels
1956 ²	8,000	36.0	288,000
1957 ²	5,000	51.0	255,000
1958 ²	6,000	48.0	288,000
1959 ²	7,000	47.0	329,000
1960	8,000	62.0	496,000
1961 ³	8,000	64.0	512,000
1962 ³	11,000	62.0	682,000

¹All California durum wheat is grown in the Tulalake area of Siskiyou and Modoc counties. Tulalake is located on the northern border of the two counties. (See map below).



²Acreage and production are not included in official United States estimates for these years.

³Estimated

SOURCE: California Crop and Livestock Reporting Service, SRS, USDA and Bureau of Agricultural Statistics, Department of Agriculture, State of California.

TABLE 19. DURUM ACRES SOWN, YIELD PER ACRE AND TOTAL DURUM PRODUCTION IN CANADIAN PRAIRIE PROVINCES, 1956 THROUGH 1962

Year	Prairie Provinces			TOTAL
	Manitoba	Saskatchewan	Alberta	
<u>Acres Sown (000 acres)</u>				
1956	15	1,043	535	1,593
1957	89	1,793	492	2,374
1958	78	959	72	1,109
1959	94	901	39	1,034
1960	55	775	53	883
1961	100	1,494	197	1,791
1962 ¹	161	2,613	425	3,199
<u>Yield Per Acre (bu.)</u>				
1956	20.0	24.5	29.9	26.3
1957	19.1	17.8	18.7	18.7
1958	19.2	13.0	22.2	14.1
1959	20.2	13.8	19.9	14.6
1960	20.0	18.7	13.2	18.4
1961	10.0	7.4	9.1	7.7
1962 ¹	23.6	19.5	15.1	19.1
<u>Production (000 bu.)</u>				
1956	300	25,600	16,000	41,900
1957	1,700	32,000	10,700	44,400
1958	1,500	12,500	1,600	15,600
1959	1,900	12,400	800	15,100
1960	1,100	14,500	700	16,300
1961	1,000	11,000	1,800	13,800
1962 ¹	3,800	51,000	6,400	61,200

¹As indicated on the basis of conditions on or about September 15, 1962.

SOURCE: Tables 20, 21, and 22.

The Wheat Review, Agricultural Division, Dominion Bureau of Statistics, Ottawa, Canada

FIGURE 2. LOCATION OF AGRICULTURAL REPORTING AREAS IN CANADIAN PRAIRIE PROVINCES OF ALBERTA, SASKATCHEWAN AND MANITOBA

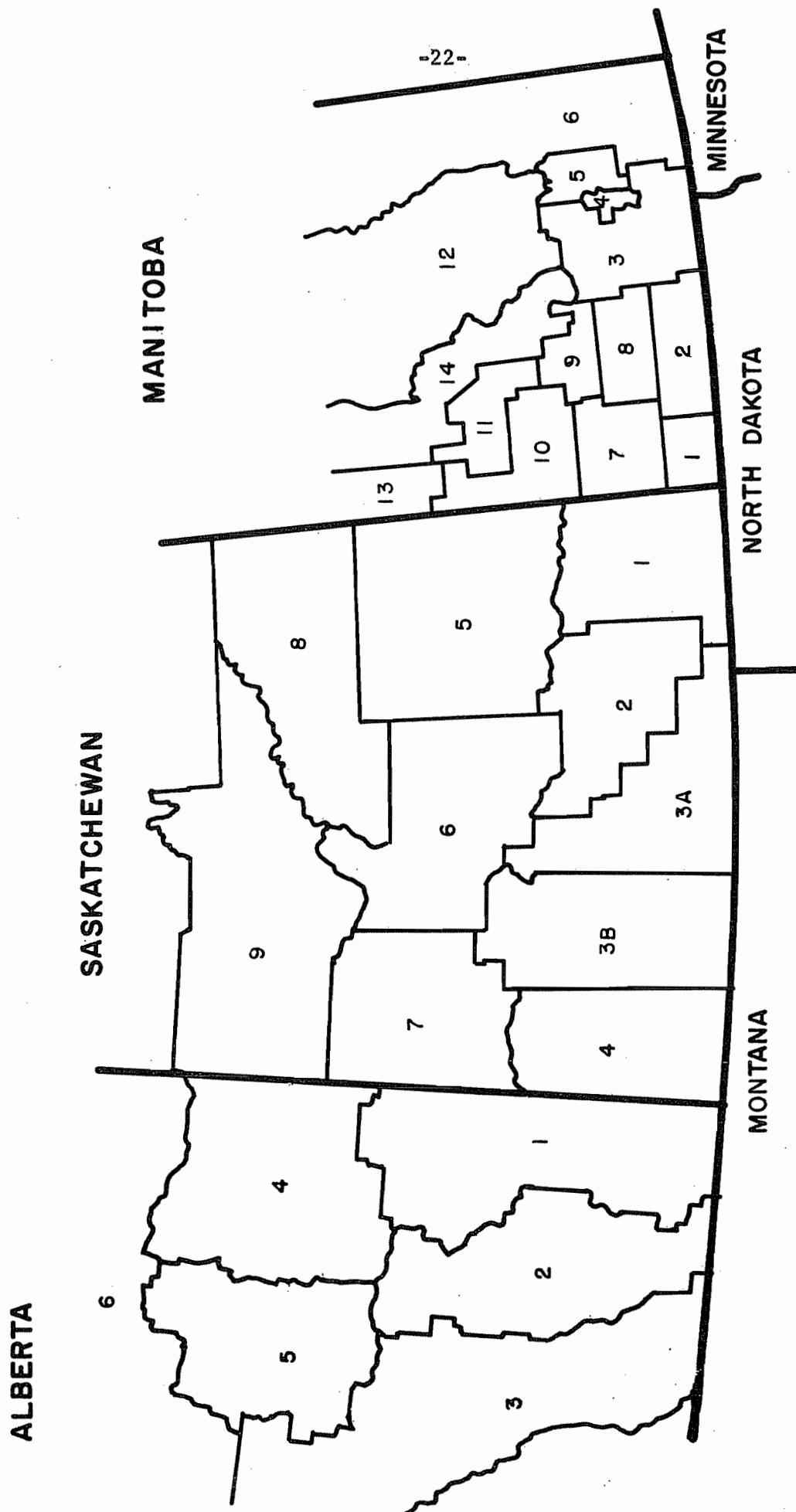


TABLE 20. DURUM ACRES SOWN, YIELD PER ACRE AND TOTAL DURUM PRODUCTION IN MANITOBA PROVINCE, BY AGRICULTURAL REPORTING AREAS, 1956 THROUGH 1961

A.R.A.	Crop Year					
	1956	1957	1958	1959	1960	1961
<u>Acres Sown (000 acres)</u>						
1. Melita	1	4	10	9	4	9
2. Killarney	1	33	36	39	30	56
3. Red River	10	31	15	28	10	16
4. Winnipeg	--	2	2	2	1	2
5. Springfield	1	9	5	6	3	6
6. Eastern	--	1	1	1	1	1
7. Virden	1	2	2	2	1	2
8. Carberry	1	2	2	2	1	3
9. Neepawa	--	1	1	1	--	1
10. Russell	--	1	1	1	1	1
11. Dauphin	--	1	1	1	1	1
12. Mid-Lake	--	1	1	1	1	1
13. Swan River	--	1	1	1	1	1
14. West Shore	--	--	--	--	--	--
TOTAL	15	89	78	94	55	100
<u>Yield Per Acre (bu.)</u>						
1. Melita	21.0	17.3	17.0	17.8	19.8	7.7
2. Killarney	20.0	20.7	21.4	20.3	19.7	9.4
3. Red River	19.3	16.5	16.4	19.5	18.8	10.7
4. Winnipeg	----	19.1	18.5	19.5	20.0	12.4
5. Springfield	26.0	21.6	13.4	24.0	23.0	15.0
6. Eastern	----	15.0	20.0	20.6	25.0	10.2
7. Virden	18.0	22.5	18.5	20.5	21.2	12.0
8. Carberry	22.0	21.0	21.0	22.6	22.0	10.6
9. Neepawa	----	20.8	19.0	21.3	----	10.7
10. Russell	----	22.6	25.0	24.0	20.3	7.4
11. Dauphin	----	17.6	26.0	23.7	21.7	11.9
12. Mid-Lake	----	21.1	15.0	23.4	18.0	10.2
13. Swan River	----	19.0	27.0	20.6	25.0	10.8
14. West Shore	----	----	----	----	----	----
TOTAL	20.0	19.1	19.2	20.2	20.0	10.0
<u>Production (000 bu.)</u>						
1. Melita	21	69	170	160	79	69
2. Killarney	20	683	769	792	591	528
3. Red River	193	512	246	546	188	171
4. Winnipeg	---	38	37	39	20	25
5. Springfield	26	194	67	144	69	90
6. Eastern	---	15	20	20	25	10
7. Virden	18	45	37	41	21	24
8. Carberry	22	42	42	45	22	32
9. Neepawa	---	21	19	21	---	11
10. Russell	---	23	25	24	20	7
11. Dauphin	---	18	26	24	22	12
12. Mid-Lake	---	21	15	23	18	10
13. Swan River	---	19	27	21	25	11
14. West Shore	---	---	---	---	---	---
TOTAL	300	1,700	1,500	1,900	1,100	1,000

SOURCE: Report on Crops, Livestock, Etc., Department of Agriculture and Conservation, Province of Manitoba, Winnipeg

TABLE 21. DURUM ACRES SOWN, YIELD PER ACRE AND TOTAL DURUM PRODUCTION IN SASKATCHEWAN PROVINCE, BY AGRICULTURAL REPORTING AREAS, 1956 THROUGH 1961

A.R.A.	Crop Year					
	1956	1957	1958	1959	1960	1961
<u>Acres Sown (000 acres)</u>						
1. South Eastern	3	8	17	23	25	57
2. Regina-Weyburn	71	100	112	114	96	164
3a. South Central	88	213	162	166	163	279
3b. South Central	378	588	273	264	215	409
4. South Western	201	376	164	125	91	190
5. East Central	8	15	11	10	8	17
6. Central	133	185	105	96	80	152
7. West Central	153	296	103	91	87	206
8. North Eastern	3	6	7	7	6	12
9. North Western	<u>5</u>	<u>6</u>	<u>5</u>	<u>5</u>	<u>4</u>	<u>8</u>
TOTAL	1,043	1,793	959	901	775	1,494
<u>Yield Per Acre (bu.)</u>						
1. South Eastern	21.0	16.9	12.9	14.5	21.2	4.4
2. Regina-Weyburn	20.7	17.2	15.0	14.2	26.4	10.9
3a. South Central	20.5	13.0	10.4	9.6	21.6	5.4
3b. South Central	25.1	18.0	10.9	13.9	15.4	6.0
4. South Western	24.5	20.2	14.1	15.4	12.6	6.1
5. East Central	23.9	18.3	18.3	21.3	21.6	7.2
6. Central	23.8	15.8	13.7	15.5	20.7	8.0
7. West Central	28.2	19.4	16.7	16.3	16.2	11.2
8. North Eastern	21.3	20.3	22.6	17.1	24.5	11.7
9. North Western	<u>21.8</u>	<u>17.0</u>	<u>20.4</u>	<u>12.8</u>	<u>18.5</u>	<u>10.9</u>
TOTAL	24.5	17.8	13.0	13.8	18.7	7.4
<u>Production (000 bu.)</u>						
1. South Eastern	63	135	220	334	529	251
2. Regina-Weyburn	1,468	1,720	1,679	1,616	2,538	1,782
3a. South Central	1,807	2,768	1,694	1,590	3,522	1,499
3b. South Central	9,481	10,615	2,983	3,572	3,301	2,449
4. South Western	4,930	7,604	2,308	1,919	1,144	1,153
5. East Central	191	275	201	213	173	122
6. Central	3,170	2,925	1,436	1,490	1,659	1,213
7. West Central	4,317	5,734	1,719	1,482	1,413	2,304
8. North Eastern	64	122	158	120	147	140
9. North Western	<u>109</u>	<u>102</u>	<u>102</u>	<u>64</u>	<u>74</u>	<u>87</u>
TOTAL	25,600	32,000	12,500	12,400	14,500	11,000

SOURCE: Letter from Mr. Edward H. Evans, Supervisor, Statistics Branch, Department of Agriculture, Province of Saskatchewan, Regina, Saskatchewan

TABLE 22. DURUM ACRES SOWN, YIELD PER ACRE AND TOTAL DURUM PRODUCTION IN ALBERTA PROVINCE, BY AGRICULTURAL REPORTING AREAS, 1956 THROUGH 1961

A.R.A.	Crop Year					
	1956	1957	1958	1959	1960	1961
<u>Acres Sown (000 acres)</u>						
1.	322	174	32	20	31	101
2.	159	279	31	14	16	82
3.	48	37	9	5	6	14
4.	3	2	--	--	--	--
5.	3	--	--	--	--	--
6.	--	--	--	--	--	--
TOTAL	535	492	72	39	53	197
<u>Yield Per Acre (bu.)</u>						
1.	31.0	18.7	16.3	13.9	8.0	4.6
2.	28.6	23.8	27.3	27.7	19.2	12.0
3.	27.3	21.4	25.7	22.4	17.7	15.4
4.	29.0	19.5	----	----	----	----
5.	19.0	----	----	----	----	----
6.	----	----	----	----	----	----
TOTAL	29.9	18.7	22.2	19.9	13.2	9.1
<u>Production (000 bu.)</u>						
1.	9,984	3,255	522	278	248	465
2.	4,545	6,643	847	388	307	984
3.	1,310	793	231	112	106	216
4.	87	39	---	---	---	---
5.	57	---	---	---	---	---
6.	---	---	---	---	---	---
TOTAL ¹	16,000	10,700	1,600	800	700	1,800

¹Rounded by official source for publication.

SOURCE: Letter from Mr. R. E. English, Agricultural Statistician, Farm Economics Branch, Department of Agriculture, Province of Alberta, Edmonton, Alberta, Canada

TABLE 23. DURUM WHEAT ACREAGE HARVESTED IN SPECIFIED COUNTRIES, 1957 - 1961

Country	Crop Year					
	1957	1958	1959	1960	1961	1962
	- - - - - 000 acres - - - - -					
Canada	2,357	1,124	1,018	882	1,791	3,200 ²
United States	2,370	939	1,216	1,673	1,715	2,426 ²
France	124 ¹	124 ¹	124 ¹	131 ¹	128 ¹	_____
Italy	3,435	3,402	3,405	3,422	3,435	_____
Portugal	445 ¹	445 ¹	445 ¹	445 ¹	445 ¹	_____
Spain	1,112 ¹	1,112 ¹	1,112 ¹	1,112 ¹	1,112 ¹	_____
Iraq	1,940 ¹	1,940 ¹	1,940 ¹	1,940 ¹	1,940 ¹	_____
Syria	3,694	3,608	3,514	3,828	3,249	_____
Turkey	4,201 ¹	4,201 ¹	4,201 ¹	4,201 ¹	4,201 ¹	_____
Algeria	3,459	3,281	3,237	3,459	3,212	_____
Morocco	2,397	2,533	2,812	2,471 ¹	2,347 ¹	_____
Tunisia	2,607	2,718	2,718 ¹	2,718 ¹	2,718 ¹	_____
Argentina	<u>1,137¹</u>	<u>1,294¹</u>	<u>1,082¹</u>	<u>887¹</u>	<u>1,112¹</u>	_____
WORLD TOTAL	29,278	26,721	26,824	27,169	27,405	_____

Estimated by official source.

Estimated by USDA Source.

SOURCE: Durum Wheat: Production, Supplies, Trade and Prices, Item XIV of Agenda, FAO Group on Grains, Seventh Session, Food and Agriculture Organization of the United States, June 14, 1962

TABLE 24. DURUM WHEAT PRODUCTION IN SPECIFIED COUNTRIES, 1957 - 1961

Country	Crop Year					
	1957	1958	1959	1960	1961	1962
	- - - - - 000 bushels - - - - -					
Canada	44,092	15,910	14,697	16,314	13,816	61,200 ²
United States	39,940	21,679	20,209	34,134	18,960	71,334 ²
France	2,204 ¹	2,204 ¹	2,204 ¹	2,352 ¹	2,131 ¹	_____
Italy	65,514	59,892	56,549	39,867	58,790	_____
Portugal	5,878 ¹	5,878 ¹	4,593 ¹	3,491 ¹	2,939 ¹	_____
Spain	18,004 ¹	16,535 ¹	16,902 ¹	12,860 ¹	11,942 ¹	_____
Iraq	20,209 ¹	13,779 ¹	11,942 ¹	11,023 ¹	15,616 ¹	_____
Syria	49,751	20,650	22,885	20,319	27,778	_____
Turkey	61,729 ¹	63,383 ¹	58,790 ¹	62,464 ¹	53,646 ¹	_____
Algeria	39,646	20,387	32,151	45,930	18,372	_____
Morocco	23,516	27,411	27,558	30,314 ¹	16,534 ¹	_____
Tunisia	13,742	14,697	15,396 ¹	13,228 ¹	7,349 ¹	_____
Argentina	<u>21,311¹</u>	<u>24,618¹</u>	<u>21,311¹</u>	<u>14,697¹</u>	<u>20,209¹</u>	_____
WORLD TOTAL	405,536	317,023	305,157	306,993	268,082	_____

¹Estimated by official source.

²Estimated by USDA Source

SOURCE: Durum Wheat, Production, Supplies, Trade and Prices, Item XIV of Agenda, FAO Group on Grains, Seventh Session, Food and Agriculture Organization of the United States, June 14, 1962

TABLE 25. DURUM WHEAT YIELDS IN SPECIFIED COUNTRIES, 1957 - 1961

Country	Crop Year					
	1957	1958	1959	1960	1961	1962
	yield per acre					
Canada	18.7	14.2	14.4	18.5	7.7	19.2 ²
United States	16.8	23.1	16.6	20.4	11.0	28.6 ²
France	17.8 ¹	17.8 ¹	17.8 ¹	18.0 ¹	16.6 ¹	_____
Italy	19.1	17.6	16.6	11.6	17.1	_____
Portugal	13.2 ¹	13.2 ¹	10.3 ¹	7.8 ¹	6.6 ¹	_____
Spain	16.2 ¹	14.9 ¹	15.2 ¹	11.6 ¹	10.7 ¹	_____
Iraq	10.4 ¹	7.1 ¹	5.6 ¹	5.7 ¹	8.0 ¹	_____
Syria	13.5	5.7	6.5	5.3	8.5	_____
Turkey	14.7 ¹	15.1 ¹	14.0 ¹	14.9 ¹	12.8 ¹	_____
Algeria	11.5	9.3	9.9	13.3	5.7	_____
Morocco	9.8	10.8	9.8	12.3 ¹	7.0 ¹	_____
Tunisia	5.3	5.4	5.7 ¹	4.9 ¹	2.7 ¹	_____
Argentina	18.7 ¹	19.0 ¹	19.7 ¹	16.6 ¹	18.1 ¹	_____
WORLD TOTAL	13.8	11.9	11.4	11.3	9.8	_____

¹Estimated by official source.

²Estimated by USDA Source.

SOURCE: Durum Wheat: Production, Supplies, Trade and Prices, Item XIV of Agenda, FAO Group on Grains, Seventh Session, Food and Agriculture Organization of the United States, June 14, 1962

TABLE 26. MID-MONTH AVERAGE DURUM PRICES RECEIVED BY NORTH DAKOTA FARMERS, 1930 THROUGH 1962

Year	Month											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	dollars per bushel											
1930	0.92	0.86	0.72	0.75	0.71	0.71	0.60	0.63	0.56	0.51	0.44	0.49
1931	0.49	0.49	0.49	0.49	0.52	0.40	0.34	0.34	0.37	0.37	0.55	0.46
1932	0.48	0.48	0.48	0.45	0.41	0.32	0.28	0.30	0.28	0.26	0.26	0.24
1933	0.27	0.26	0.28	0.40	0.49	0.48	0.84	0.69	0.67	0.59	0.59	0.61
1934	0.63	0.68	0.67	0.66	0.71	0.78	0.85	1.03	1.12	1.09	1.10	1.05
1935	1.08	1.02	0.99	1.00	0.94	0.71	0.67	0.75	0.71	0.81	0.78	0.82
1936	0.87	0.87	0.85	0.77	0.71	0.73	0.97	1.17	1.12	1.22	1.17	1.22
1937	1.36	1.32	1.30	1.22	1.07	0.88	1.09	0.93	0.87	0.82	0.73	0.76
1938	0.82	0.79	0.75	0.71	0.64	0.66	0.57	0.49	0.47	0.45	0.43	0.46
1939	0.49	0.50	0.51	0.52	0.57	0.57	0.50	0.52	0.70	0.65	0.65	0.76
1940	0.76	0.76	0.74	0.76	0.69	0.52	0.53	0.50	0.53	0.57	0.64	0.62
1941	0.64	0.60	0.67	0.71	0.70	0.74	0.76	0.79	0.90	0.80	0.81	0.90
1942	0.94	0.96	0.96	0.94	0.94	0.91	0.92	0.86	0.94	0.93	0.93	1.01
1943	1.11	1.15	1.19	1.19	1.20	1.21	1.22	1.19	1.23	1.26	1.30	1.38
1944	1.43	1.42	1.42	1.46	1.47	1.39	1.39	1.36	1.34	1.36	1.40	1.42
1945	1.43	1.47	1.49	1.49	1.50	1.54	1.53	1.53	1.52	1.52	1.54	1.54
1946	1.54	1.54	1.57	1.58	1.69	1.73	2.00	1.95	1.90	2.00	1.91	2.06
1947	2.00	1.99	2.32	2.29	2.15	2.08	2.24	2.17	2.47	2.70	2.75	2.85
1948	2.91	2.37	2.69	2.77	2.66	2.56	2.16	2.07	1.99	2.01	2.14	2.04
1949	2.06	1.97	1.97	1.99	1.95	1.94	1.95	1.89	1.95	1.96	1.99	1.99
1950	1.99	1.95	2.00	1.99	2.06	2.04	2.13	2.12	2.09	2.01	2.00	2.06
1951	2.12	2.25	2.17	2.07	2.04	2.03	2.06	2.01	2.07	2.10	2.22	2.16
1952	2.12	2.10	2.13	2.15	2.06	2.08	2.15	2.23	2.35	2.43	2.56	2.63
1953	2.68	2.58	2.71	2.62	2.61	2.40	2.45	2.95	2.03	2.85	3.00	3.05
1954	3.00	2.95	2.81	2.80	2.58	2.35	2.83	3.11	3.14	3.10	3.30	3.12
1955	3.24	3.19	3.11	2.87	2.80	2.88	2.63	2.66	2.60	2.57	2.45	2.35
1956	2.35	2.28	2.28	2.25	2.30	2.25	2.24	2.21	2.17	2.17	2.24	2.30
1957	2.26	2.26	2.25	2.20	2.14	2.11	2.10	2.04	2.00	1.99	1.99	1.98
1958	1.99	1.98	2.00	2.00	2.03	2.06	2.03	1.93	1.93	1.95	1.98	2.03
1959	2.02	2.03	2.03	2.03	2.04	2.05	2.04	2.10	2.10	2.12	2.12	2.10
1960	2.08	2.08	2.10	2.12	2.12	2.08	2.04	2.02	1.89	1.91	1.88	1.89
1961	1.91	1.89	1.90	1.87	1.91	2.00	2.56	2.70	3.05	3.16	3.10	3.27
1962	3.32	3.15	3.01	3.03	2.78	2.51	2.35	2.28	2.20	2.23	2.25	2.27
1963												
1964												

SOURCE: North Dakota Crop and Livestock Statistics, AMS, USDA, and Department of Agricultural Economics, North Dakota State University, Fargo, North Dakota

North Dakota Wheat, Agricultural Statistics No. 3, AMS, USDA, and Department of Agricultural Economics, North Dakota State University, Fargo, North Dakota

TABLE 27. SEASON AVERAGE PRICE PER BUSHEL RECEIVED BY NORTH DAKOTA FARMERS FOR DURUM WHEAT, BY CROP REPORTING DISTRICTS, 1954 THROUGH 1962

Crop Year	Crop Reporting District								
	North-west	North Central	North-east	West Central	Central	East Central	South-west	South Central	South-east
	dollars per bushel								
1954	3.00	3.15	3.03	3.05	2.96	3.30	3.00	3.07	3.06
1955	2.44	2.50	2.56	2.36	2.49	2.41	2.30	2.48	2.42
1956	2.11	2.18	2.21	2.11	2.20	2.23	2.07	2.11	2.17
1957	1.94	2.00	2.02	1.95	2.02	2.05	1.93	1.96	2.01
1958	1.89	1.96	2.01	1.89	1.99	1.99	1.87	1.91	1.98
1959	2.00	2.06	2.12	1.98	2.08	2.12	1.98	2.00	2.09
1960	1.82	1.88	1.95	1.80	1.92	1.97	1.78	1.82	1.93
1961	—	—	—	—	—	—	—	—	—
1962	—	—	—	—	—	—	—	—	—

SOURCE: North Dakota Crop and Livestock Statistics, AMS, USDA and the Department of Agricultural Economics, North Dakota State University, Fargo, North Dakota

TABLE 28. MINNEAPOLIS AVERAGE MONTHLY CASH PRICE FOR NO. 1 HARD AMBER DURUM, 1956-57 TO 1962-63

Month	Crop Year						
	1956-57	1957-58	1958-59	1959-60	1960-61	1961-62	1962-63
	dollars per bushel						
July	2.61	2.49	2.41	2.41	2.36	2.83	2.68
August	2.54	2.41	2.30	2.46	2.32	3.11	2.61
September	2.53	2.41	2.28	2.45	2.22	3.37	2.53
October	2.55	2.40	2.32	2.47	2.25	3.45	2.57
November	2.68	2.40	2.36	2.47	2.21	3.44	2.59
December	2.69	2.36	2.39	2.45	2.21	3.65	2.61
January	2.65	2.39	2.38	2.44	2.22	3.60	2.58
February	2.66	2.38	2.39	2.44	2.21	3.35	—
March	2.64	2.40	2.39	2.46	2.22	3.29	—
April	2.59	2.39	2.38	2.48	2.21	3.21	—
May	2.52	2.43	2.41	2.43	2.25	3.01	—
June	2.47	2.45	2.42	2.40	2.41	2.80	—
AVERAGE	2.59	2.41	2.37	2.45	2.26	3.26	—

SOURCE: The Grain Market News, AMS, USDA

TABLE 29. COMPARISON OF WEIGHTED AVERAGE CASH PRICES PER BUSHEL, NO. 1 DARK NORTHERN SPRING AND NO. 2 HARD AMBER DURUM, MINNEAPOLIS MARKET, JULY 1959 THROUGH SEPTEMBER 1962

Month	1959-60			1960-61			1961-62			1962-63		
	No. 1 Dk. Northern Spring	No. 2 Hd. Amber Durum		No. 1 Dk. Northern Spring	No. 2 Hd. Amber Durum		No. 1 Dk. Northern Spring	No. 2 Hd. Amber Durum		No. 1 Dk. Northern Spring	No. 2 Hd. Amber Durum	
			dollars per bushel									
July	2.30	2.42		2.29	2.37		2.34	2.91		2.52	2.71	
August	2.24	2.48		2.12	2.32		2.30	3.14		2.42	2.58	
September	2.24	2.46		2.15	2.23		2.38	3.36		2.44	2.54	
October	2.29	2.48		2.16	2.24		2.40	3.47				
November	2.30	2.48		2.15	2.22		2.42	3.46				
December	2.25	2.46		2.14	2.22		2.44	3.58				
January	2.24	2.44		2.15	2.22		2.46	3.53				
February	2.24	2.44		2.15	2.23		2.45	3.35				
March	2.26	2.46		2.15	2.22		2.44	3.35				
April	2.26	2.48		2.17	2.23		2.46	3.27				
May	2.27	2.45		2.22	2.29		2.50	3.05				
June	2.28	2.39		2.27	2.49		2.50	2.77				

SOURCE: The Wheat Situation, ERS, USDA

TABLE 30. DURUM WHEAT, ESTIMATED SUPPLY AND DISTRIBUTION, 1929 - 1963

Crop Year	Stocks July 1	Production	Imports	TOTAL SUPPLY	Exports	Domes- tic Use	TOTAL UTILI- ZATION	Stocks June 30
Million Bushels								
1929-30	28	57	--	85	16	37	53	32
1930-31	32	60	--	92	13	49	62	30
1931-32	30	22	--	52	5	33	38	14
1932-33	14	42	--	56	2	38	40	16
1933-34	16	18	--	34	--	26	26	8
1934-35	8	7	7	22	--	17	17	5
1935-36	5	25	4	34	--	27	27	7
1936-37	7	9	9	25	--	22	22	3
1937-38	3	29	--	32	--	27	27	5
1938-39	5	41	--	46	2	28	30	16
1939-40	16	33	--	49	--	31	31	18
1940-41	18	33	--	51	--	26	26	25
1941-42	25	41	--	66	1	31	32	34
1942-43	34	42	1	77	1	49	50	27
1943-44	27	34	3	64	1	49	50	14
1944-45	14	30	4	48	2	38	40	8
1945-46	8	33	2	43	1	37	28	5
1946-47	5	36	--	41	4	28	32	9
1947-48	9	45	--	54	15	29	44	10
1948-49	10	46	--	56	4	34	38	18
1949-50	18	39	--	57	2	30	32	25
1950-51	25	38	--	63	10	29	39	24
1951-52	24	36	--	60	14	31	45	15
1952-53	15	23	--	38	3	28	31	7
1953-54	7	14	--	21	--	16	16	5
1954-55	5	5	--	10	--	8	8	2
1955-56	2	20	--	22	1	14	15	7
1956-57	7	39	--	46	11	22	33	13
1957-58	13	40	--	53	1	25	26	27
1958-59	27	22	--	49	1	26	27	22
1959-60	22	20	--	42	1	23	24	18
1960-61	18	34	--	52	6	26	32	20
1961-62 ¹	20	19	--	39	16	18	34	5
1962-63 ²	5	67	--	72	3	27	30	42

¹Preliminary

²Estimated

SOURCE: The Wheat Situation, WS-179 and WS-181, ERS, USDA

TABLE 31. DURUM WHEAT: UNITED STATES, SUPPLY AND DISTRIBUTION, 1940-41 THROUGH 1962-63

Year	Total ¹		Imports ³	Used		Exports ³	Other ⁵	Total
	Stocks July 1	Production ²		Total Supply	For Seed		Use ⁵	Disap- pearance
					000 bushels			
1940-41	19,216	32,942	-	52,158	3,614	300	6,805	27,218
1941-42	24,940	41,403	-	66,343	2,998	1,149	9,079	32,087
1942-43	34,256	41,836	469	76,561	2,976	-	22,774	49,630
1943-44	26,931	34,265	2,867	64,063	2,931	-	26,423	49,772
1944-45	14,291	30,328	4,350	48,969	2,826	-	11,976	40,833
1945-46	8,136	33,381	1,537	42,952	3,482	-	12,307	38,031
1946-47	4,923	36,308	350	41,581	4,162	921	6,226	32,674
1947-48	8,907	44,912	-	53,819	4,581	8,441	2,319	43,520
1948-49	10,299	45,829	-	56,128	5,265	2,537	8,606	38,092
1949-50	18,036	39,503	-	57,539	4,085	1,125	5,741	32,581
1950-51	24,958	37,948	214	63,120	3,610	9,620	2,929	39,496
1951-52	23,624	35,475	398	59,497	3,249	13,678	2,023	44,483
1952-53	15,014	23,056	158	38,228	2,940	3,075	1,703	31,386
1953-54	7,000	13,820	36	20,856	2,287	41	1,613	15,856
1954-55	5,000	4,988	12	10,000	1,803	-	835	8,500
1955-56	1,500	19,591	-	21,091	2,980	239	2,372	14,091
1956-57	7,000	38,798	-	45,798	3,101	10,580	3,133	31,798
1957-58	14,000	39,942	44	53,986	1,300	293	3,930	26,986
1958-59	27,000	21,676	2	48,678	1,670	-	2,295	26,678
1959-60	22,000	20,192	-	42,192	2,263	-	585	24,692
1960-61	17,500	34,141	-	51,641	2,353	5,256	594	31,641
1961-62	20,000	18,955 ⁶	-	38,955	3,237	15,878	613	34,000
1962-63	5,168	71,809 ⁶	-	76,977				
1963-64								

¹Estimated on the basis of incomplete data, except July 1, 1962, reported by Crop Reporting Board.²Estimated production of all states. ³Imports and exports of durum wheat not separately reported by U.S. Bureau of Census. Imports based on Canadian shipments to the U.S. and exports on inspections for export.⁴Compiled from mill reports. 1961-62 reported by Census Bureau. ⁵Includes quantity used for feed and cereals. Also includes waste, loss, and statistical errors of estimates. ⁶Estimated.

SOURCE: Grain Market News, Semi-annual Durum Report, Grain Division, AMS, USDA

TABLE 32. DURUM WHEAT PRODUCTS: UNITED STATES PRODUCTION AND DISTRIBUTION, 1935-36 THROUGH 1961-62

Year	Durum Wheat Ground (000 bushels)	Production ¹	Exports	
		Semolina and Flour	Macaroni, etc. (000 cwt.)	Durum Flour and Semolina
1935-36	15,722	6,188	20	23
1936-37	12,052	4,921	24	30
1937-38	13,630	5,610	29	20
1938-39	14,822	6,377	33	33
1939-40	15,424	6,602	48	46
1940-41	16,499	6,713	32	14
1941-42	18,961	7,964	37	13
1942-43	23,880	10,179	26	348
1943-44	20,408	8,745	53	536
1944-45	26,031	11,064	125	556
1945-46	22,242	9,852	336	162
1946-47	21,365	9,590	800	317
1947-48	28,179	12,494	2,397	247
1948-49	21,684	9,470	401	34
1949-50	21,630	9,446	111	56
1950-51	23,337	10,118	85	50
1951-52	25,533	10,858	53	65
1952-53	23,668	10,098	64	56
1953-54	11,914	8,289	59	37
1954-55	5,862	7,338	55	110
1955-56	8,500	7,324	51	101
1956-57	14,984	7,606	71	167
1957-58	21,463	9,625	84	175
1958-59	22,713	10,167	70	234
1959-60	21,844	10,048	72	246
1960-61	23,438	10,645	51	213
1961-62	14,272	8,490 ²	33 ³	137 ³
1962-63	9,881 ²	4,812 ²	7 ³	22 ³
1963-64				
1964-65				

¹Includes blended products.

²July - December 1962

³July - November 1962

SOURCE: Grain Market News, Semi-annual Durum Reports, Grain Division, AMS, USDA

TABLE 33. PER CAPITAL CONSUMPTION OF FLOUR AND OTHER CEREAL PRODUCTS IN THE UNITED STATES, 1935 THROUGH 1961¹

Year	Wheat Flour			Wheat Cereal	Rye Flour	Rice ³	Corn Flour and Meal ⁴	Oat Food Products ⁵	Barley Pro-ducts ⁶
	SEMO-LINA & DURUM FLOUR ²	White and Whole Wheat	Total						
					pounds				
1935	4.4	154	158	3.1	2.5	5.7	24.7	4.0	1.6
1936	4.6	158	163	3.3	2.3	5.3	24.2	3.9	1.5
1937	3.7	155	159	3.4	2.1	6.1	22.8	3.8	1.4
1938	4.6	155	160	3.4	2.1	6.1	22.1	3.8	1.3
1939	5.0	153	158	3.4	2.3	5.6	21.7	3.9	1.1
1940	4.7	150	155	3.3	2.4	5.9	21.8	4.0	1.1
1941	5.5	150	156	3.3	2.2	5.9	20.6	4.0	1.3
1942	6.3	151	157	3.3	2.5	5.3	19.8	4.8	1.5
1943	7.0	156	163	3.3	3.1	5.7	20.5	4.1	1.8
1944	5.9	143	49	3.2	2.6	5.4	19.2	3.2	1.5
1945	7.6	153	161	3.2	2.4	4.9	17.6	3.6	1.5
1946	6.2	150	156	3.2	1.8	4.0	15.2	3.2	2.0
1947	6.5	132	139	3.3	1.4	4.7	13.1	3.4	1.9
1948	6.1	131	137	3.2	1.4	4.9	12.8	3.3	1.5
1949	6.2	130	136	3.2	1.5	5.0	12.7	3.3	1.5
1950	6.2	129	135	3.1	1.5	5.1	11.8	3.3	1.4
1951	6.8	126	133	3.1	1.5	5.8	10.8	3.3	1.4
1952	6.8	124	131	3.0	1.5	5.3	10.4	3.3	1.3
1953	4.8	123	128	3.0	1.5	5.4	9.8	3.3	1.2
1954	2.3	124	126	2.9	1.4	5.3	9.3	3.2	1.1
1955	1.4	122	123	2.9	1.4	5.5	8.8	3.2	1.1
1956	3.0	118	121	2.8	1.3	5.8	8.6	3.2	1.1
1957	4.5	114	119	2.8	1.3	5.8	8.4	3.2	1.1
1958	5.6	114	120	2.8	1.2	5.7	8.2	3.2	1.1
1959	5.0	114	119	2.8	1.2	5.1	8.1	3.2	1.1
1960	5.3	113	118	2.7	1.2	5.9	7.4	3.5	1.0
1961	4.6	113	118	2.7	1.1	5.9	7.3	3.5	1.0
1962									
1963									
1964									

¹Civilian consumption only, beginning 1941. Consumption figures for most items are measured at the processing level. Excludes quantities used in alcoholic beverages. ²Semolina and durum flour in products such as macaroni, spaghetti, noodles, and breakfast foods. ³Milled basis. Rice consumption for year beginning August previous to year stated. Includes some table rice used by brewers prior to August 1934. ⁴Based on Census data. In recent years approximately 50 per cent of cornmeal was degermed. ⁵Principally oatmeal but includes an allowance for ready-to-eat oat cereals and infant foods in recent years. ⁶Barley food products expressed in terms of malt equivalent.

SOURCE: Consumption of Food in the United States, AMS, USDA

TABLE 34. SELECTED COMMERCIAL CEREAL FOOD PRODUCTS: APPARENT PER CAPITA DISAPPEARANCE, 1947, 1954 AND 1958¹

Item	Year		
	1947	1954	1958
	pounds		
Bread and bread type rolls (commercial bakeries) - - -	N/A	87.1	84.4
Manufacturing bakeries - total - - - - -	N/A	80.7	80.1
Manufacturing bakeries reporting in detail - - -	80.4	79.5	76.7
Bread - - - - -	73.8	70.1	67.1
White, wheat, rye & pumpernickel - - - - -	72.5	68.0	63.4
Speciality (diet, protein, raisin, etc.) -	1.3	2.1	3.7
Bread type rolls (hamburger, wiener, etc.) -	6.6	9.4	9.6
Single outlet retail bakeries - total - - - - -	N/A	6.4	4.3
Breakfast cereals - - - - -	9.5	9.5	9.5
Ready-to-serve - - - - -	4.8	5.7	6.0
To-be-cooked - - - - -	4.7	3.8	3.5
DRY MACARONI PRODUCTS (MACARONI, SPAGHETTI, VERMICILLI, NOODLES) ² - - - - -	5.7	5.4	5.4
Prepared flour mixes - - - - -	8.9	10.5	11.0

¹Derived from Census of Manufactures. Population is that on July 1 eating from civilian supplies. ²Does not include canned or processed products.

SOURCE: National Food Situation, NFS-100, ERS, USDA, May 1962

TABLE 35. MACARONI, SPAGHETTI AND NOODLES: CONSUMPTION PER PERSON IN URBAN HOUSEHOLDS, BY REGION AND SELECTED INCOME GROUPS, IN A WEEK, SPRING 1955¹

Region	Households of 2 or More Persons by Income Groups			
	All Incomes	\$2,000-\$3,000	\$4,000-\$5,000	\$6,000-\$8,000
	pounds			
Northeast	.21	.26	.24	.17
North Central	.14	.11	.14	.14
South	.09	.12	.09	.07
West	.10	.11	.11	.07
UNITED STATES	.15	.15	.16	.13

¹Per-person average derived from household averages, using average household size, based on 21 meals at home equivalent to one person.

SOURCE: The Household Market for Grain Products, AMS-340 (11), USDA, February 1961

TABLE 36. WORLD TRADE IN DURUM WHEAT AND DURUM FLOUR (GRAIN EQUIVALENT) AUGUST 1959 THROUGH JULY 1960¹

Destination	Exporting Countries							TOTAL
	Argentina	Canada	Italy	Spain	United States	Israel	Tunisia	Morocco
					000 bushels			
EUROPE								
Austria	-	661	-	-	-	-	-	-
Belgium/Luxembourg	-	1,720	-	-	-	-	-	-
France	2,160	7,955	-	1,506	-	-	2,406	5,585
Germany, Fed. Rep.	1,708	9,303	-	165	-	-	-	-
Greece	-	386	-	-	-	-	-	-
Italy	757	1,742	-	-	-	587	-	-
Netherlands	-	59	-	353	*	-	-	-
Norway	-	-	-	-	*	-	-	-
Portugal	632	-	-	-	-	-	-	-
Sweden	18	29	-	-	-	-	-	-
Switzerland	96	2,289	11	-	-	-	-	-
United Kingdom	-	628	-	-	-	-	-	-
Vatican City	364	-	-	-	-	-	-	-
TOTAL	5,735	24,772	11	2,024	*	587	2,406	5,585
								41,120
NORTH AND CENTRAL AMERICA								
Costa Rica	-	*	-	-	4	-	-	-
Cuba	-	-	-	-	7	-	-	-
Dominican Republic	-	-	-	-	4	-	-	-
Panama	-	145	-	-	-	-	-	-
United States	-	81	-	-	-	-	-	-
TOTAL	-	226	-	-	15	-	-	-
								241

(continued)

TABLE 36. WORLD TRADE IN DURUM WHEAT AND DURUM FLOUR (continued)

Destination	Argentina	Exporting Countries							Morocco	TOTAL
		Canada	Italy	Spain	United States	Israel	Tunisia			
000 bushels										
SOUTH AMERICA										
Brazil	371	-	-	-	-	-	-	-	-	371
Venezuela	-	62	*	-	7	-	-	-	-	69
TOTAL	371	62	*	-	7	-	-	-	-	440
ASIA										
Japan	-	18	-	-	-	-	-	-	-	18
Lebanon	735	331	-	353	-	-	-	-	-	1,419
Philippines	-	-	-	-	7	-	-	-	-	7
Saudi Arabia	-	-	-	-	7	-	-	-	-	7
TOTAL	735	349	-	353	14	-	-	-	-	1,451
AFRICA										
Algeria	-	749	-	1,065	-	-	-	-	-	1,814
Libya	-	-	507	-	-	-	-	-	-	507
Rhodesia	-	-	*	-	-	-	-	-	-	*
Sudan	-	-	4	-	-	-	-	-	-	4
TOTAL	-	749	511	1,065	-	-	-	-	-	2,325
UNSPECIFIED	-	37	-	-	*	-	-	-	-	37
WORLD TOTAL	6,841	26,195	522	3,442	36	587	2,406	5,585		45,614

*Less than 1,000 bushels.

¹As reported under the International Wheat Agreement. Does not include trade between non-member countries.

SOURCE: 1962 World Wheat Statistics, International Wheat Council, 28 Haymarket, London

TABLE 37. WORLD TRADE IN DURUM WHEAT AND DURUM FLOUR (GRAIN EQUIVALENT) AUGUST 1960 THROUGH JULY 1961¹.

Destination	Exporting Countries							TOTAL
	Argentina	United States					Morocco	
		Canada	Italy	Spain	Israel	Tunisia		
000 bushels								
EUROPE								
Austria	---	228	---	---	---	---	---	228
Belgium/Luxembourg	66	1,863	---	---	---	---	---	1,929
Czechoslovakia	---	3,413	---	---	---	---	---	3,413
Denmark	7	---	---	---	---	---	---	7
France	---	8,197	---	4	8,469	4,776	3,123	24,837
Germany, Fed. Rep.	738	11,813	---	---	636	---	---	13,187
Greece	---	22	---	283	---	---	---	305
Italy	2,631	13,415	---	---	77	---	---	16,196
Netherlands	422	353	---	---	66	---	---	841
Norway	7	---	---	---	---	---	---	7
Portugal	772	92	---	---	783	---	---	1,647
Sweden	---	18	---	---	88	---	---	106
Switzerland	59	3,413	---	---	195	---	---	3,682
United Kingdom	349	705	---	---	11	---	---	1,065
Vatican City	356	---	---	---	---	---	---	356
TOTAL	5,407	43,532	---	287	10,325	4,776	3,123	67,806
NORTH AND CENTRAL AMERICA								
Costa Rica	---	4	---	---	15	---	---	19
Cuba	---	4	---	---	---	---	---	4
Panama	---	4	---	---	*	---	---	4
United States	---	88	---	---	---	---	---	88
TOTAL	---	100	---	---	15	---	---	115

(continued)

TABLE 37. WORLD TRADE IN DURUM WHEAT AND DURUM FLOUR (continued)

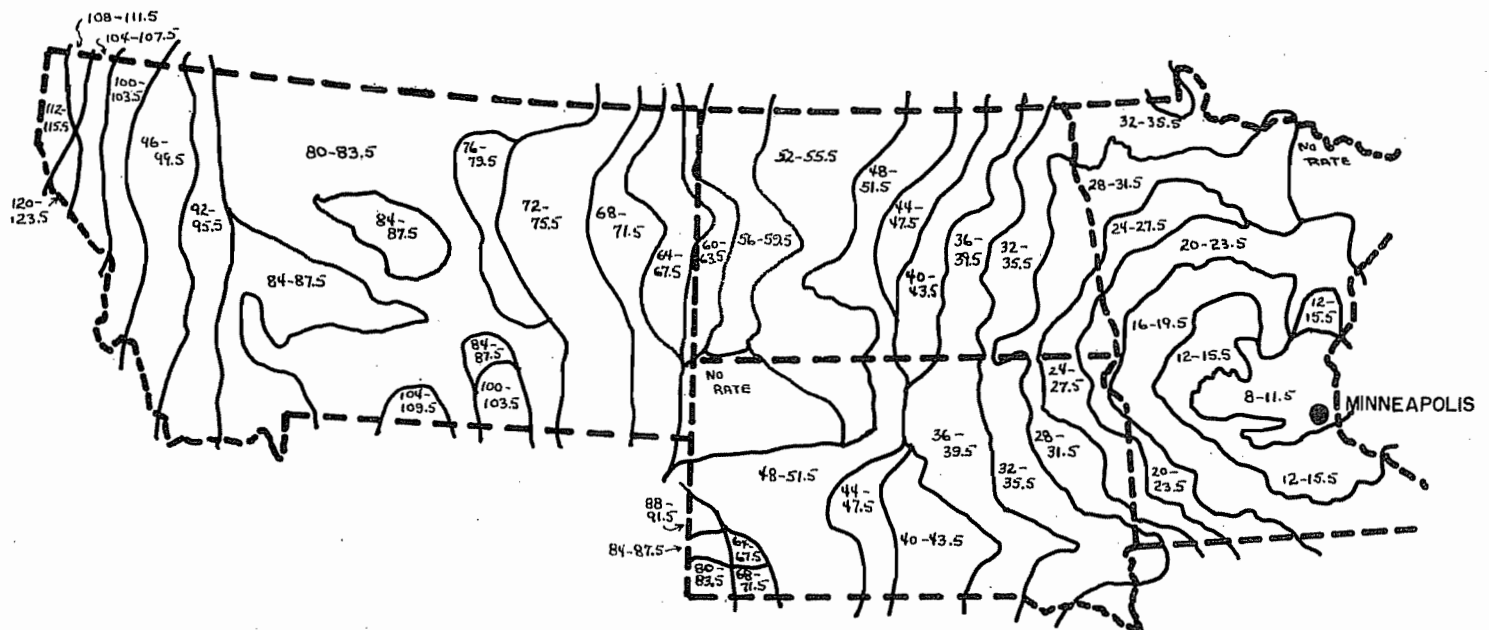
Destination	Argentina	Exporting Countries						Morocco	TOTAL
		Canada	Italy	Spain	United States	Israel	Tunisia		
					000 bushels				

SOUTH AMERICA									
Venezuela	---	59	---	---	81	---	---	---	140
TOTAL	---	59	---	---	81	---	---	---	140
ASIA									
Jordan	---	11	---	---	---	---	---	---	11
Lebanon	1,418	---	---	---	---	---	---	---	1,418
Philippines	---	---	---	---	4	---	---	---	4
TOTAL	1,418	11	---	---	4	---	---	---	1,433
AFRICA									
Libya	---	---	---	51	---	---	---	---	51
Tunisia	---	---	---	106	367	---	---	---	473
TOTAL	---	---	---	157	367	---	---	---	524
UNSPECIFIED									
	323	92	---	---	73	---	---	---	488
WORLD TOTAL									
	7,143	43,794	---	444	10,865	356	4,776	3,123	70,506

*- Less than 1,000 bushels

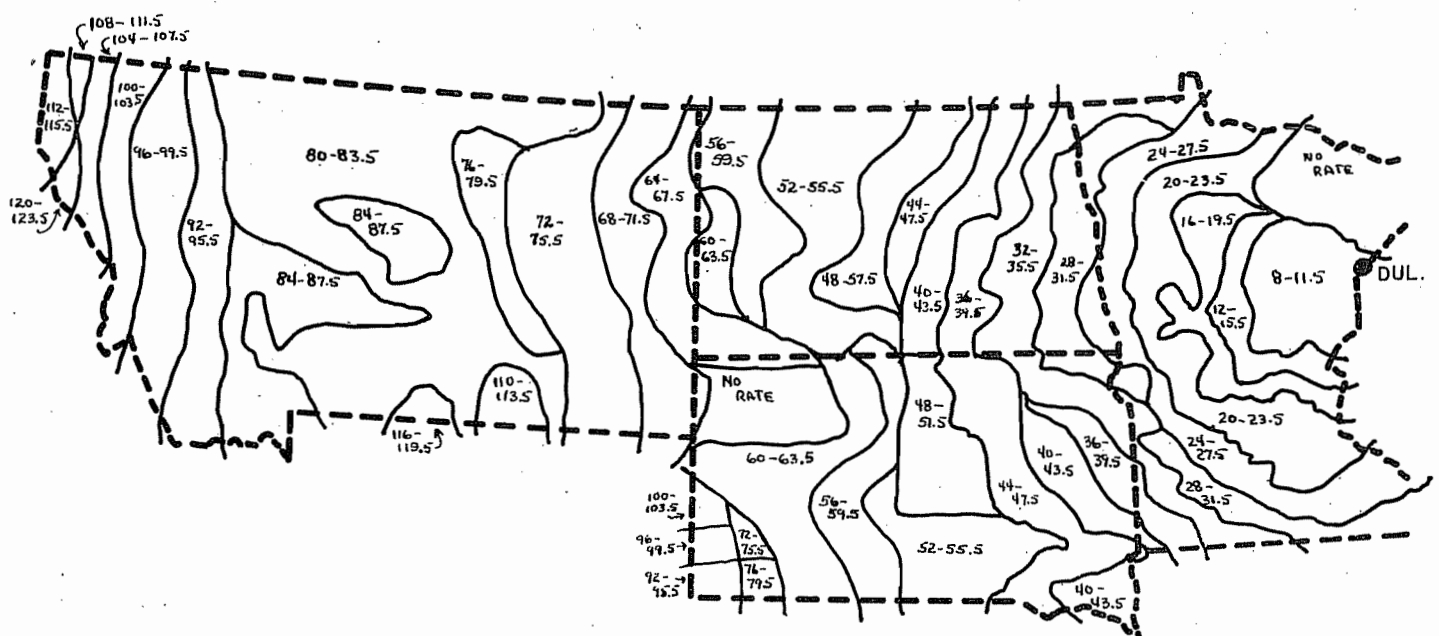
¹As reported under the International Wheat Agreement. Does not include trade between non-member countries.SOURCE: 1962 World Wheat Statistics, International Wheat Council, 28 Haymarket, London

FIGURE 3. RAIL RATES IN CENTS PER CWT. FOR DURUM MOVING TO MINNEAPOLIS FROM MONTANA, NORTH DAKOTA, SOUTH DAKOTA AND MINNESOTA



REPRESENTATIVE RATES IN EFFECT THE LAST QUARTER OF 1962

FIGURE 4. RAIL RATES IN CENTS PER CWT. FOR DURUM MOVING TO DULUTH FROM MONTANA, NORTH DAKOTA, SOUTH DAKOTA AND MINNESOTA



REPRESENTATIVE RATES IN EFFECT THE LAST QUARTER OF 1962

TABLE 38. C.C.C. OWNED STOCKS OF DURUM WHEAT BY COMMODITY OFFICE AREA AND BY QUARTER, 1957 THROUGH 1962

Year and Month	Commodity Office Area				TOTAL
	Dallas	Chicago/ Evanston	Minneapolis	Portland	
	- - - - - 000 bushels - - - - -				
<u>1957</u>					
January 1	4	---	368	1	873
April 1	4	---	974	1	979
July 1	4	---	4,053	11	4,068
October 1	9	---	4,089	8	4,106
<u>1958</u>					
January 1	4	---	4,318	4	4,326
April 1	--	---	3,763	4	3,772
July 1	4	---	4,053	11	4,068
October 1	*	---	14,206	4	14,210
<u>1959</u>					
January 1	--	---	13,289	4	13,293
April 1	--	---	12,733	--	12,733
July 1	--	---	11,250	--	11,250
October 1	*	---	11,170	--	11,170
<u>1960</u>					
January 1	--	346	9,442	--	9,788
April 1	--	346	9,225	--	9,571
July 1	--	346	8,708	--	9,054
October 1	--	346	7,833	--	8,179
<u>1961</u>					
January 1	--	346	7,260	--	7,606
April 1	--	243	6,260	--	6,503
July 1	--	---	5,349	--	5,349
October 1	--	---	9	--	9
<u>1962</u>					
January 1	--	---	7	--	7
April 1	--	---	6	--	6
July 1	--	---	2	--	2
October 1	--	---	8	--	8
<u>1963</u>					
January 1	_____	_____	_____	_____	_____
April 1	_____	_____	_____	_____	_____
July 1	_____	_____	_____	_____	_____
October 1	_____	_____	_____	_____	_____

* - Less than 1,000 bushels

SOURCE: The Wheat Situation, AMS, USDA

TABLE 39. COMPARISON OF TOTAL U.S. WHEAT CARRYOVER, BY CLASS, JULY 1, 1957-63

Year	Classes of Wheat					Total
	HRW	SRW	HRS	DURUM	White	
	-million bushels-					
1957	648	10	195	14	42	909
1958	611	6	203	27	34	881
1959	936	21	251	22	65	1,295
1960	1,002	10	218	18	66	1,314
1961	1,104	12	237	20	38	1,411
1962	1,067	24	187	5	21	1,304
1963 (est.)	927	11	196	42	24	1,200

SOURCE: The Wheat Situation, AMS, USDA

TABLE 40. COMPARISON OF PERCENTAGE DISTRIBUTION OF TOTAL U.S. WHEAT CARRYOVER, BY CLASS, JULY 1, 1957-63

Year	Classes of Wheat					Total
	HRW	SRW	HRS	DURUM	White	
	-per cent-					
1957	71	1	22	2	4	100
1958	69	1	23	3	4	100
1959	72	2	19	2	5	100
1960	76	1	16	1	6	100
1961	78	1	17	1	3	100
1962	82	2	14	0	2	100
1963 (est.)	77	1	16	3	3	100

SOURCE: Compiled from information obtained in The Wheat Situation, AMS, USDA

TABLE 41. DURUM WHEAT: ACREAGE, YIELD, PRODUCTION, PRICE AND VALUE, NORTH DAKOTA, 1935 THROUGH 1961

Year	Harvested (000 acres)	Yield Per Acre (bushels)	Production (000 bu.)	Season Ave. Price Per Bu. Received By Farmers (dollars)	Value of Production (000 dollars)
1935	1,728	10.5	18,144	.76	13,789
1936	1,261	5.2	6,557	1.14	7,475
1937	2,093	11.0	23,023	.85	19,570
1938	2,616	11.5	30,084	.50	15,042
1939	2,444	10.8	26,395	.67	17,685
1940	2,370	10.5	24,885	.64	15,926
1941	1,991	16.5	32,852	.90	29,567
1942	1,712	20.0	34,240	1.06	36,294
1943	1,763	17.0	29,971	1.33	39,861
1944	1,816	14.8	26,877	1.42	38,165
1945	1,815	16.5	29,948	1.57	47,018
1946	2,232	14.5	32,364	2.02	65,375
1947	2,701	15.0	40,515	2.55	103,313
1948	2,940	14.0	40,460	2.01	81,325
1949	3,121	11.0	34,331	1.96	67,289
1950	2,403	13.5	32,440	2.08	67,475
1951	2,115	13.5	28,552	2.11	60,245
1952	1,819	11.0	20,009	2.45	49,022
1953	1,728	7.0	12,096	2.85	34,474
1954	1,210	3.5	4,235	3.07	13,001
1955	980	13.0	12,740	2.49	31,723
1956	1,156	16.0	18,496	2.21	40,876
1957	1,480	18.0	26,640	2.01	53,546
1958	770	24.0	18,480	1.99	36,775
1959	947	18.0	17,046	2.10	35,797
1960	1,280	21.0	26,880	1.93	51,878
1961	1,267	11.5	14,570	2.97 ¹	43,273
1962	1,850	30.0	55,500		
1963					
1964					

¹ Simple average of July - June average monthly prices. Weighted average not available.

SOURCE: North Dakota Crop and Livestock Statistics, Annual Summaries, 1930-1961, AMS, USDA and Department of Agricultural Economics, North Dakota Agricultural Experiment Station, Fargo, North Dakota.
North Dakota Wheat, Agricultural Statistics No. 3, AMS, USDA and Department of Agricultural Economics, North Dakota State University, Fargo, North Dakota

TABLE 42. COMPARISON OF VALUE OF PRODUCTION PER HARVESTED ACRE IN NORTH DAKOTA, DURUM WHEAT AND OTHER NORTH DAKOTA CROPS, 1956-1961

Crop	Year						1962
	1956	1957	1958	1959	1960	1961	
	dollars per acre						
DURUM WHEAT	35.36	36.90	47.76	37.80	40.53	35.07	
Hard Wheat	35.35	38.00	42.09	27.26	35.30	24.60	
Soybeans	25.49	34.38	26.18	21.84	28.08	30.52	
Grain Corn	30.21	29.92	28.60	24.18	24.92	34.65	
Barley	22.32	18.48	23.80	14.82	17.40	17.28	
Oats	15.93	15.28	18.33	12.74	14.74	12.65	
Flaxseed	25.16	13.05	21.91	17.46	19.64	19.72	
Rye	13.08	17.64	17.20	11.34	16.50	11.83	
ALL CROPS	26.09	24.19	27.43	21.04	23.63	20.11	

SOURCE: Statistical Reporting Service, USDA, Fargo, North Dakota

TABLE 43. PERCENTAGE DISTRIBUTION OF DURUM ACREAGE PLANTED, BY VARIETY, IN 1959 BY NORTH DAKOTA CROP REPORTING DISTRICTS

C.R.D.	Variety						ALL DURUM
	Langdon	Ramsey	Mindum	Sentry	Towner	Other	
	per cent						
Northwest	88.9	3.4	3.0	4.7	---	---	100.0
North Central	80.7	10.9	5.8	0.6	1.1	0.9	100.0
Northeast	51.5	43.8	1.9	0.7	1.3	0.8	100.0
West Central	72.7	5.7	11.8	9.8	---	---	100.0
Central	57.3	37.5	1.9	2.1	---	1.2	100.0
East Central	84.5	13.1	1.6	---	---	0.8	100.0
Southwest	86.2	---	6.9	---	---	6.9	100.0
South Central	85.3	---	4.4	10.3	---	---	100.0
Southeast	91.1	4.5	2.7	1.7	---	---	100.0
1959 State Total	67.4	26.1	3.4	1.5	0.9	0.7	100.0
1957 State Total	58.5	13.7	7.3	2.6	2.1	15.8	100.0

SOURCE: North Dakota Wheat, AMS, USDA and Department of Agricultural Economics North Dakota State University, Fargo, North Dakota