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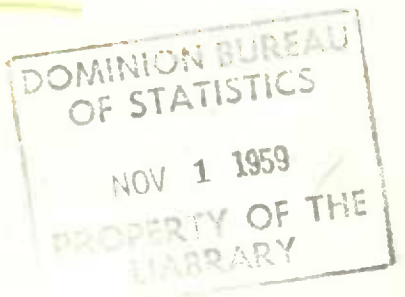
CANADA

DOMINION BUREAU OF STATISTICS
AGRICULTURE DIVISION

THE WHEAT REVIEW



SEPTEMBER 1960



FARMERS MARKETINGS OF WHEAT, PRAIRIE PROVINCES

(SPECIFIED PERIODS)

MILLION BUSHELS

450 —

MILLION BUSHELS

— 450

PEAK MARKETINGS
1952-53 CROP YEAR
536.0 MILLION BUSHELS

400 —

— 400

350 —

— 350

300 —

— 300

250 —

— 250

200 —

— 200

150 —

— 150

100 —

— 100

50 —

— 50

0

0

27 year average 10 year average

1932-33

1949-50

1958-59

1958-59

1955-56

1956-57

1957-58

1958-59

1959-60

1960-61

JULY

JUNE

MAY

APR.

M.

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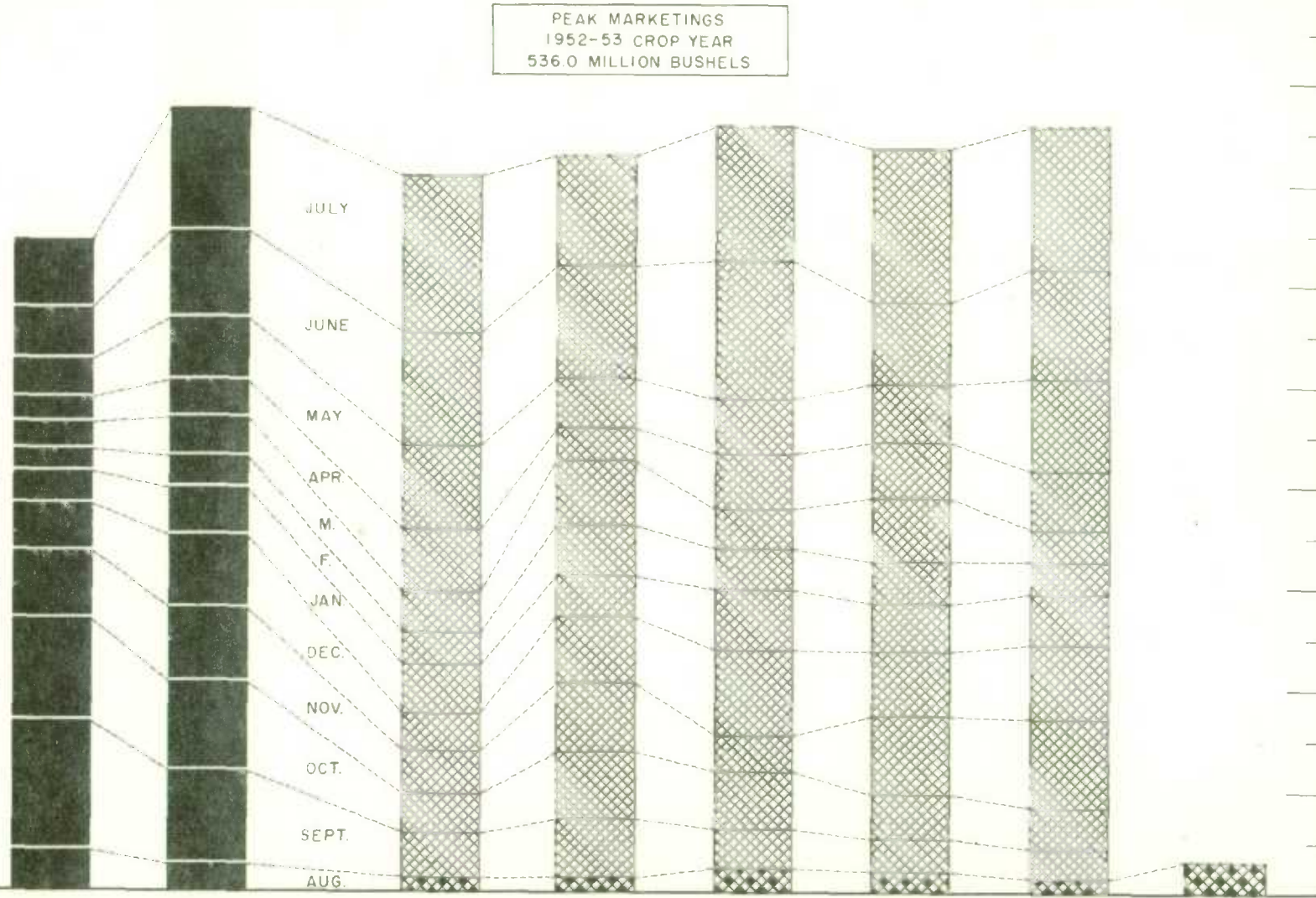
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DOMINION BUREAU OF STATISTICS

THE
WHEAT REVIEW

SEPTEMBER 1960

Published by
Authority of the Honourable George Hees
Minister of Trade and Commerce

Prepared in the Crops Section, Agriculture Division
Dominion Bureau of Statistics, Ottawa.

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WORLD WHEAT SITUATION

Current Supplies Latest available estimates indicate that supplies of wheat remaining on or about September 1, 1960 in the four major exporting countries for export and for carryover at the end of their respective crop years amounted to 2,985.0 million bushels, some 11 per cent above the 2,692.6 million available a year ago. Supplies at September 1, 1960, in millions of bushels, were held as follows, with last year's comparable figures in brackets: United States, 1,986.2 (1,740.4); Canada, 849.9 (789.5); Argentina, 52.9 (72.2); and Australia, 96.0 (90.5). Estimates for both years include on-farm stocks as well as those in commercial positions. The 1960 Canadian crop, forecast at 490.5 million bushels, on the basis of conditions at September 15, is now taken into account in these calculations.

Exports Total exports of wheat and wheat flour in terms of wheat from the four major exporting countries during August 1960, at 83.5 million bushels, were 15 per cent more than the 72.5 million exported during August 1959. Of the four countries, Australia was the only one not sharing in this increase. On a percentage basis, shipments from the four countries during August 1960 were shared as follows, with corresponding percentages for the same month of 1959 in brackets: United States, 43 (46); Canada, 32 (34); Argentina, 15 (8); and Australia, 10 (12).

Shipments from each of the four countries during August of the current and ten preceding crop years are shown in the table below.

Exports of Wheat and Flour in Terms of Wheat, August 1960 with Comparisons

August	United States	Canada	Argentina	Australia	Total
- million bushels -					
1950	14.8	15.5	7.0	11.7	49.0
1951	42.7	21.7	7.1	11.5	83.0
1952	26.1	32.7	-	2.5	61.3
1953	20.5	28.7	9.9	5.0	64.1
1954	17.8	19.2	10.7	5.8	53.5
1955	25.0	23.4	10.4	6.5	65.3
1956	42.7	29.4	9.1	16.0	97.2
1957	35.8	27.6	5.8	9.5	78.7
1958	38.1	25.8	5.6	8.2	77.7
1959 <u>1/</u>	33.4	24.5	5.6	9.0	72.5
1960 <u>2/</u>	36.1	26.8	12.1	8.5	83.5

1/ Revised. 2/ Preliminary.

Notes on In the United States this year wheat production, based on conditions as at September 1, was estimated at a next-to-record 1,368 million bushels. The Canadian crop, forecast on the basis of conditions at September 15, was placed at 490.5 million bushels, about 19 per cent more than in 1959. Although crops in some areas of Argentina were hindered by both inadequate rainfall and low temperatures, good to excellent conditions have recently prevailed in the main wheat-growing regions. A large Australian wheat crop is still anticipated, despite local reports varying from excessive rain to drought. In France, grain harvesting commenced early but frequent rains hampered operations and although good yields were reported, moisture content was high.

International Wheat Agreement
Cumulative Totals of Purchases by Importing Countries from Exporting Countries
Crop Year 1960-61

Importing Countries	EXPORTING COUNTRIES							Total Purchases
	Canada	Argentina	Australia	France	Italy	Sweden	U.S.A.	
	1/	2/	2/	2/	2/	2/	2/	
- thousand bushels -								
Austria	274	-	336	-	-	-	-	610
Belgium & Luxembourg	1,597	-	-	2	-	-	347	1,946
Brazil	-	3,436	-	-	-	-	-	3,436
Costa Rica	236	-	-	-	-	-	203	439
Cuba	223	-	-	-	-	-	872	1,095
Dominican Republic	377	-	-	-	-	-	-	377
El Salvador	42	-	-	-	-	-	322	364
Germany	9,017	377	63	1,335	-	974	487	12,253
Greece	2	-	-	-	-	-	1	3
Guatemala	41	-	-	-	-	-	163	204
Haiti	-	-	-	-	-	-	-	-
Honduras Republic	14	-	-	-	-	-	152	166
Iceland	2	-	-	-	-	-	-	2
India	-	-	299	-	-	-	1	300
Indonesia	-	-	223	32	-	-	79	334
Ireland	37	-	317	-	-	-	52	406
Israel	-	-	-	-	-	-	2	2
Japan	16,214	-	3,209	-	-	-	4,701	24,124
Korea	-	-	-	-	-	-	-	-
<u>Netherlands</u>	2,699	-	-	10	-	-	2,225	4,934
Netherlands Territories	32	-	14	1	-	-	101	148
New Zealand	-	-	375	-	-	-	-	375
Norway	2,223	-	-	-	-	-	158	2,381
Panama	69	-	-	3	-	-	152	224
Peru	653	367	-	2	-	-	432	1,454
Philippines	389	-	35	-	-	-	732	1,156
<u>Portugal</u>	-	-	-	11	-	-	919	930
Portuguese Territories ..	197	-	4	6	-	-	466	673
Rhodesia & Nyasaland	30	-	728	-	-	-	-	758
Saudi Arabia	2	-	18	-	-	-	300	320
Switzerland	2,198	22	-	358	-	-	254	2,832
Union of South Africa	-	-	-	-	-	-	-	-
United Arab Republic	3	-	-	-	88	-	1,075	1,166
<u>United Kingdom</u>	23,551	429	4,784	506	-	-	3,888	33,158
U.K. Territories	1,527	-	1,330	85	-	-	1,263	4,205
Vatican City	105	-	-	-	-	-	-	105
Venezuela	530	-	-	-	-	-	829	1,359
Totals	62,284	4,631	11,735	2,351	88	974	20,176	102,239
Percentage of Total Sales by Exporting Countries ...	60.92	4.53	11.48	2.30	.09	.95	19.73	100.00

NOTE: Mexico and Spain - No sales reported.

1/ Canadian sales through September 16, 1960. 2/ Sales recorded by International Wheat Council through September, 1960.

CANADIAN SITUATION

Supply Position Total estimated supplies of wheat for the 1960-61 crop year are now placed at 1,026.8 million bushels, consisting of the August 1 carryover of 536.2 million and the 1960 crop, forecast on the basis of conditions at September 15, at 490.5 million bushels. Supplies of the size indicated represent an increase of 7 per cent over the 1959-60 total of 962.5 million bushels. Assuming realization of the September forecast of production and after making an allowance of 150.0 million bushels for anticipated domestic requirements, supplies available for export and for carryover during 1960-61 would amount to 876.8 million bushels, 8 per cent above the 813.9 million in 1959-60.

Combined exports of wheat as grain and wheat flour in terms of grain equivalent during August 1960 amounted to 26.8 million bushels, 10 per cent above the 24.5 million exported during the same month a year ago. Subject to realization of current production and utilization estimates, the balance remaining on September 1, 1960 for export and for carryover, amounted to 849.9 million bushels, 8 per cent more than the September 1, 1959 total of 789.5 million.

Canadian Wheat Supplies

Item	1959-60 <u>1/</u>	1960-61 <u>2/</u>
	- million bushels -	
Carryover in North America at beginning of crop year (August 1)	549.0	536.2
New Crop	413.5	490.5 <u>3/</u>
Imports of wheat for domestic use, August	<u>4/</u>	<u>5/</u>
Total estimated supplies	962.5	1,026.8
Less estimated domestic requirements for crop year ..	148.6	150.0
Available for export and for carryover	813.9	876.8
Deduct:		
Exports of wheat in bulk, August <u>6/</u>	21.2	23.9
Exports of bagged seed wheat, August <u>7/</u>	0.2	0.1
Total exports of wheat as grain	21.4	24.1
Exports of wheat flour in terms of wheat, August <u>7/</u>	3.1	2.8
Total exports of wheat and wheat flour	24.5	26.8
Balance on September 1 for export and for carryover	789.5	849.9

1/ Subject to revision.

2/ Preliminary.

3/ Revised.

4/ Less than 50,000 bushels.

5/ Not available.

6/ As reported by the Board of Grain Commissioners. (Includes overseas clearances and imports into the United States.

7/ Customs returns, 1959-60 adjusted for time lag.

Farmers' marketings of wheat (both east and west) up to September 21 of the current crop year have totalled 43.2 million bushels, sharply above the 19.6 million delivered during the corresponding period of the preceding year. Most of this increase was accounted for by a heavy export demand for Canadian durum wheat. Total deliveries of this grain, between August 1 and September 21 this year, amounted to 15.8 million bushels in contrast to only 0.7 million during the comparable period last year. Disappearance of Canadian wheat through licensed elevator channels (overseas clearances, plus imports into the United States, plus Canadian domestic use and including grain milled for subsequent export) up to September 21 of the current crop year has amounted to 54.6 million bushels. With export and domestic requirements exceeding deliveries during the period under review, the total visible supply of Canadian wheat at September 21, 1960 amounted to 443.6 million bushels compared with 451.9 million at August 1.

The total visible supply of Canadian wheat at September 21 this year represented increases of 14 per cent over both the 1959 and 1958 comparable totals of 389.4 million and 387.6 million, respectively. Increases over last year's level were recorded in practically all positions with most of this increase accounted for by heavier stocks in country elevators. This year's country elevator stocks at September 21, at 248.1 million bushels, were 13 per cent more than the 219.1 million in this position a year ago and 9 per cent greater than the 226.7 million of two years ago. Interior terminal stocks amounted to 12.0 million bushels compared with 13.2 million in 1959 and 11.2 million in 1958. Some 13.1 million bushels were "In transit rail" (Western Division) at September 21, 1960, considerably above the 1959 total of 11.1 million and sharply higher than the 1958 comparable figure of 8.4 million bushels. Supplies in Lakehead position at September 21 this year amounted to 58.1 million bushels and exceeded by 15 per cent the total of 50.3 million a year ago and 23 per cent more than the 47.1 million bushels of two years ago. "In transit lake" accounted for 6.6 million bushels, sharply above both the 1959 and 1958 comparable totals of 3.1 million and 4.4 million bushels, respectively. The 45.8 million bushels in Bay, Lake and Upper St. Lawrence ports were also greater than the 1959 comparable figure of 44.1 million and exceeded by a wide margin the 1958 total of 36.4 million. Supplies in Lower St. Lawrence and Maritime ports amounted to 36.2 million bushels and represented an increase of 31 per cent over the 27.5 million of a year ago and 32 per cent more than the 27.3 million of two years ago. Supplies in West Coast ports (Vancouver-New Westminster and Victoria), at 12.4 million bushels, were above the comparable 1959 total of 11.2 million but below the 1958 figure of 14.5 million bushels.

August 1960 Exports of
Wheat and Flour Total
26.8 Million Bushels

Combined exports of wheat in bulk, bagged seed wheat and wheat flour in terms of grain equivalent during August 1960 amounted to 26.8 million bushels, 47 per cent greater than the July total of 18.3 million and 10 per cent above both the August 1959 total of 24.5 million and the ten-year (1949-58) average for the month of August also of 24.5 million bushels. Exports of wheat in bulk (as reported by the Board of Grain Commissioners), at 23.9 million bushels were 64 per cent greater than the 14.6 million exported during the preceding month and 13 per cent more than the August 1959 total of 21.2 million. Exports of bagged seed wheat during August 1960, based on Canadian Customs returns, amounted to 144 thousand bushels compared with the July figure of 71 thousand and the August 1959 (adjusted to remove time lag) total of 157 thousand bushels. Customs returns also indicate that the equivalent of 2.8 million bushels of wheat was exported in the form of flour during August 1960, representing a decrease of 23 per cent from the July total of 3.6 million and 10 per cent less than the adjusted August 1959 figure of 3.1 million. The United Kingdom, Canada's leading purchaser of wheat in bulk, received shipments amounting to 8.9 million bushels during August and accounted for 37 per cent of the export movement

of wheat in bulk form during the month under review. During August 1959 shipments of Canadian bulk wheat to the United Kingdom amounted to 7.9 million bushels and accounted also for 37 per cent of the total. Other principal markets for Canadian wheat in bulk during August 1960 with totals for the same month of the preceding crop year in brackets, were as follows, in millions of bushels: Japan, 5.9 (4.9); Federal Republic of Germany, 2.5 (1.5); Belgium-Luxembourg, 1.6 (0.9); Switzerland, 0.9 (1.1); Italy, 0.9 (0.1); Norway, 0.7 (0.4); Austria, 0.6 (nil); and Netherlands, 0.5 (1.7). (Comparable information on exports of Canadian wheat as flour may be found on page 20 of this publication).

Production of On the basis of yields indicated at September 15, production of the
Canada's 1960 five major grains this year, with 1959 totals and the ten-year
Grain Crops 1950-59 averages, respectively, in brackets, in millions of bushels,
is as follows: all wheat, 490.5 (413.5, 495.1); oats, 451.0 (417.9,
421.1); barley, 207.8 (225.6, 234.8); all rye, 10.1 (8.1, 14.3);
and flaxseed, 25.5 (17.7, 16.0).

In contrast to a year earlier when the harvest was stalled by wet weather, Prairie farmers this year quickly have taken off the grain under nearly ideal conditions. By mid-September harvesting of cereal crops was nearing completion or completed over the greater part of the Prairie Provinces. Principal exceptions were northeastern Alberta, some districts in northern Saskatchewan and the Interlake area in Manitoba. Heavy rains continue to delay operations in some of these regions. Harvesting of other crops has proceeded satisfactorily. The harvest progressed well throughout most of Eastern Canada, although early September rains held up the completion of threshing in the Maritimes and Quebec. These rains were welcomed, however, to relieve the persistent drought and revive pastures. The small grain harvest in Ontario was nearing completion by mid-September, but warm weather was required to mature soybeans and corn for grain, crops which were planted later than normal because of the backward spring. The harvest in British Columbia was nearing completion by mid-September.

Canada's 1960 wheat crop now forecast at 490.5 million bushels is 19 per cent above last year's estimate of 413.5 million but one per cent below the ten-year average of 495.1 million. The increase in production compared with last year is due to a one per cent increase in acreage and an 18 per cent increase in yields. The average yield at 21.1 bushels per acre is 3 per cent above the ten-year (1950-59) average of 20.5 bushels per acre. This year's all Canada crop of spring wheat including durum is forecast at 473.1 million bushels compared with the 1959 crop of 401.1 million and the ten-year average of 474.0 million bushels. Ontario's winter wheat crop is estimated at 17.4 million bushels, an increase of 40 per cent from last year's crop of 12.5 million which was small because of heavy winterkilling.

In the Prairie Provinces the 1960 wheat crop is now placed at 471.0 million bushels, some 72.0 million bushels or 18 per cent above the 1959 crop. Wheat outturns in Manitoba and Saskatchewan were better than anticipated in August and as a result the forecast of production increased by 2 million bushels in Manitoba and 17 million in Saskatchewan. This was only partially offset by a decrease of one million bushels in Alberta. The current crop is above that of 1959 in Manitoba where production is forecast at 61.0 million bushels compared with 60.0 million last year. Production in Saskatchewan, which accounts for about 63 per cent of this year's all Canada indicated wheat crop is estimated at 308.0 million bushels, some 33 per cent more than last year's outturn of 232.0 million. The Alberta crop, forecast at 102.0 million bushels, is down 5 per cent from last year's production of 107.0 million.

The indicated average yield per seeded acre in the Prairie Provinces, on the basis of conditions at mid-September, is 20.8 bushels, with Manitoba averaging 22.9, Saskatchewan, 20.7 and Alberta, 20.2 bushels per acre. Current estimates of production in the Prairie Provinces include relatively small quantities of winter wheat principally in Alberta, and an estimated 16.3 million bushels of durum wheat.

September Forecast of the 1960 Production of Principal Grain Crops
Canada and Prairie Provinces, Compared with Latest Estimates for 1959

Province and Crop	Area		Yield per Acre		Production	
	1959	1960	1959	1960 <u>1/</u>	1959	1960 <u>1/</u>
	- acres -		- bushels -		- bushels -	
<u>CANADA</u>						
Winter wheat	425,000	525,000	29.3	33.2	12,464,000	17,430,000
Spring wheat <u>2/</u> ..	22,639,900	22,673,200	17.7	20.9	401,056,000	473,102,000
All wheat	23,064,900	23,198,200	17.9	21.1	413,520,000	490,532,000
Oats for grain ...	11,391,300	11,146,700	36.7	40.5	417,933,000	451,008,000
Barley	8,288,600	7,359,700	27.2	28.2	225,550,000	207,837,000
Fall rye	405,700	442,100	16.8	19.4	6,819,000	8,592,000
Spring rye	110,900	101,000	12.0	15.3	1,330,000	1,550,000
All rye	516,600	543,100	15.8	18.7	8,149,000	10,142,000
Flaxseed	2,150,700	2,817,200	8.2	9.1	17,719,000	25,513,000
Mixed grains	1,500,500	1,380,600	42.5	42.1	63,790,000	58,106,000
<u>PRAIRIE PROVINCES</u>						
Spring wheat <u>2/</u> ..	22,557,000	22,590,000	17.7	20.8	399,000,000	471,000,000
Oats for grain ...	7,882,000	7,913,000	33.4	38.4	263,000,000	304,000,000
Barley	8,107,000	7,196,000	27.0	28.1	219,000,000	202,000,000
Rye	434,900	450,000	14.6	17.7	6,360,000	7,950,000
Flaxseed	2,130,000	2,797,000	8.2	9.0	17,500,000	25,300,000

^{1/} As indicated on basis of conditions on or about September 15.

^{2/} Includes Durum wheat in the Prairie Provinces where Canada's commercial production of this crop is concentrated and also relatively small quantities of Winter wheat in provinces other than Ontario.

The acreage in durum wheat in the Prairie Provinces in 1960 was 13 per cent less than that seeded in 1959, but average yields estimated at 18.5 bushels per acre are 28 per cent above the 1959 outturn of 14.4 bushels. Mid-September indications are for a crop of 16.3 million bushels compared with the 1959 crop of 14.7 million. Estimated production by provinces, in millions of bushels, is as follows: Manitoba, 1.0; Saskatchewan, 14.5; and Alberta, 0.8.

September Forecast of the 1960 Production of Durum Wheat ^{1/}
in the Prairie Provinces Compared with Latest Estimates for 1959

Province	Area		Yield per Acre		Production	
	1959	1960	1959 ^{1/}	1960 ^{2/}	1959 ^{1/}	1960 ^{2/}
	- acres -		- bushels -		- bushels -	
Manitoba	78,400	55,000	19.1	18.2	1,500,000	1,000,000
Saskatchewan	901,000	775,000	13.8	18.7	12,400,000	14,500,000
Alberta	39,000	53,000	20.5	15.1	800,000	800,000
Totals	1,018,400	883,000	14.4	18.5	14,700,000	16,300,000

^{1/} Acreage and production included with spring wheat.

^{2/} As indicated on the basis of conditions on or about September 15.

Canadian Wheat Board Opens an Office in Tokyo The Canadian Wheat Board announced in its Instructions to the Trade No. 20, the appointment of A.W. Cordon as its Far Eastern Representative. Pursuant to Mr. Cordon's appointment, the Board is opening an office in Tokyo, Japan. The following press release was issued in Tokyo under date of September 28:

"W.C. McNamara, Chief Commissioner of the Canadian Wheat Board, announced today that the Board is opening an office in Tokyo. A.W. Cordon, a senior officer of the Board, is being appointed to the Tokyo post. He is accompanying Mr. McNamara during his present visit to Japan and will be taking up residence in Tokyo later in the year.

Mr. McNamara said that the decision of the Canadian Wheat Board to open an office in Tokyo is not only an acknowledgment of the importance of the Japanese wheat market but is also a recognition of the cordial relationships which have been built up over the years between the Board, the Japanese Food Agency, grain importers, millers and bakers, and the desire for an even closer working arrangement in the future. Mr. McNamara emphasized that Wheat Board representation in Tokyo will not mean any change in trading procedures between Canada and Japan. In addition to previous experience in the Canadian grain trade, Mr. Cordon has been associated with the Canadian Wheat Board for the past sixteen years. Prior to his appointment to Tokyo, Mr. Cordon had been a senior officer in the Board's Sales Department."

Delivery Policy Supplementary Quota -Soft White Spring Wheat The Canadian Wheat Board in its Instructions to the Trade re Quotas (General) No. 9, under date of September 9, 1960 announced in part that in order to obtain sufficient quantities of Soft White Spring Wheat to meet mill requirements, a supplementary delivery quota of five (5) bushels per seeded acre of Soft White Spring Wheat is hereby authorized to become effective Tuesday, September 13, 1960, to producers who contracted with mills for the production of this variety.

Open Quota on Durum Extended The Canadian Wheat Board in its Instructions to the Trade re Quotas (General) No. 10, under date of September 12, announced in part that in Instructions to the Trade re Quotas (General) No. 7 of August 26, Durum grades of wheat were placed on an open quota basis until September 15, 1960, and the producers were allowed to deliver such Durum at any delivery point subject only to the available elevator space. Please be advised that this delivery privilege is now extended to September 30, 1960 but such deliveries of Durum grades of wheat must be delivered to the delivery point specified in the producer's permit book subject to elevator space being available. The privilege of delivering Durum Wheat at other than the delivery point specified in the permit book will be withdrawn after September 15, 1960.

In its Instructions to the Trade re Quotas (General) No. 11, under date of September 22, the Canadian Wheat Board announced in part that in Instructions to the Trade re Quotas (General) No. 10 of September 12, Durum grades of wheat were placed on an open quota basis until September 30, 1960. Please be advised that this delivery privilege is now extended to February 28, 1961 and such deliveries of Durum grades of wheat must be delivered to the delivery point specified in the producer's permit book subject to elevator space being available. The privilege of delivering Durum Wheat at other than the delivery point specified in the permit book was withdrawn as at September 15, 1960.

General Quota Position By October 3, 1960 out of a total of 2,007 shipping points in the Western Division, the Canadian Wheat Board had placed 307 points on a quota of 1 bushel per specified acre while 1,700 were on the Initial Unit Quota.

Summary of Elevator Shipping Points in the Western Division
as at October 3, 1960

Province	Initial Unit Quota	General Quota of One Bushel Per Specified Acre	Total
Ontario	-	2	2
Manitoba	353	16	369
Saskatchewan	888	194	1,082
Alberta	459	90	549
British Columbia	-	5	5
All Provinces	1,700	307	2,007

Farmers' Marketings Deliveries of wheat from farms in the Prairie Provinces up to September 21 of the current crop year amounted to 40.7 million bushels, representing an increase of 22 per cent over the comparable 1959 total of 18.6 million but 7 per cent below the ten-year (1949-58) average for the period of 43.8 million bushels.

Farmers' Marketings 1/ of Wheat in the Prairie Provinces 1960-61

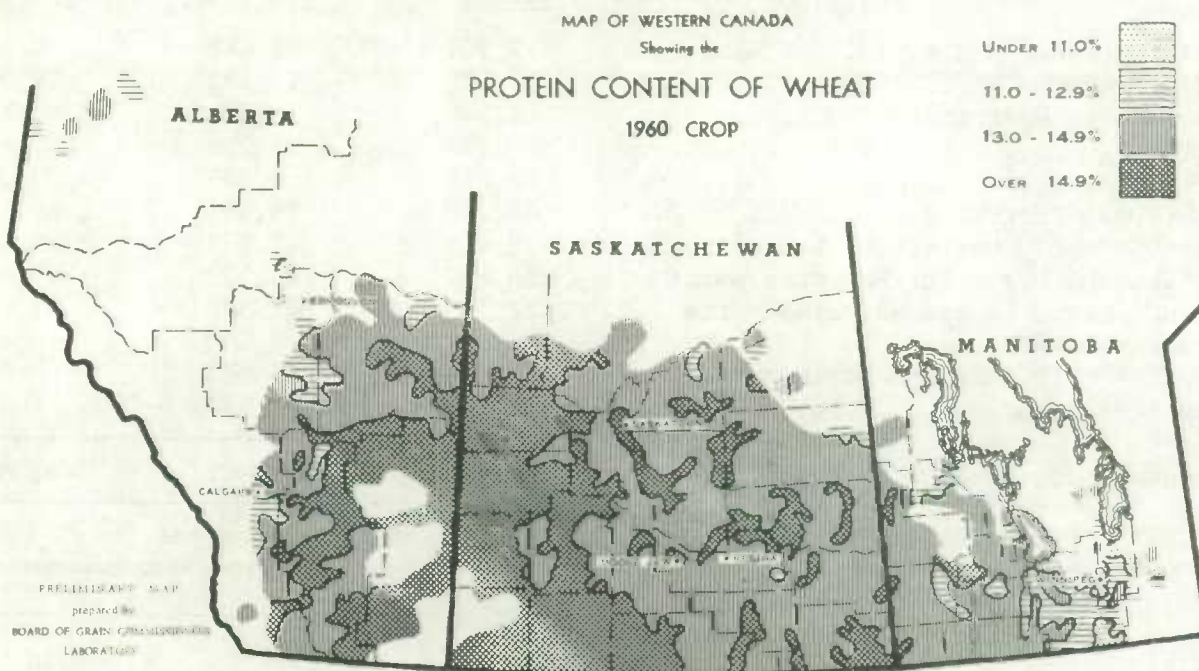
Week Ending	Manitoba	Saskatchewan	Alberta	Total	Last Year
- bushels -					
August 10, 1960	56,492	649,061	65,314	770,867	507,483
17	97,814	2,300,238	673,986	3,072,038	847,225
24	774,837	4,415,360	867,207	6,057,404	2,245,462
31	326,880	5,465,131	842,507	6,634,518	3,198,107
September 7	1,198,590	6,461,760	1,129,071	8,789,421	3,157,005
14	862,478	6,813,286	1,362,871	9,038,635	3,703,190
21	461,086	4,005,772	1,905,068	6,371,926	4,961,995 <u>2/</u>
Totals	3,778,177	30,110,608	6,846,024	40,734,809	18,620,467 <u>2/</u>
Average similar period:					
1949-58	7,004,107	25,653,443	11,156,875	43,814,424	

1/ Includes receipts at country, interior private and mill elevators, interior semi-public terminals and platform loadings.

2/ Revised.

Protein Content of
Western Canadian
1960 Spring Wheat

The preliminary protein map published by the Board of Grain Commissioners' Laboratory on September 19 shows an average of 14.5 per cent for the 1960 Spring wheat crop. This average level may be reduced by about 0.2 per cent when more samples from the northern districts of Saskatchewan and Alberta are included in the survey. The 14.5 per cent figure is higher than last year's final figure of 14.2 per cent and the long-term average of 13.5 per cent. The highest protein level on record is 15.1 per cent for 1941, and the second highest is 14.9 per cent in 1936; the 1960 crop will have the third highest protein level since the Board of Grain Commissioners' Laboratory started its protein surveys in 1927. Up to September 13 the Laboratory had tested 3,048 samples from 1,203 stations in Western Canada. Provincial protein averages, with the number of stations represented in brackets, are: Manitoba 13.2 per cent (216); Saskatchewan 14.8 per cent (708); and Alberta 14.7 per cent (279). The protein level for Alberta is equal to the record level of 1941. Detailed data for crop districts are given in the table accompanying the map.



The above map shows the geographic distribution of wheat of different protein levels. A large high-protein area covers western Saskatchewan and eastern Alberta. Average protein areas cover most of the western half of Manitoba, the eastern half of Saskatchewan, and northern and western Alberta. Below-average protein areas are confined to the eastern half of the grain-growing area of Manitoba, western Alberta and the Peace River area.

Protein Content of 1960 - Hard Red Spring Wheat in the Prairie Provinces, by Crop Districts

Manitoba			Saskatchewan			Alberta		
C.D.	Mean	Range	C.D.	Mean	Range	C.D.	Mean	Range
- per cent -			- per cent -			- per cent		
1	14.3	12.0-16.4	1A	14.5	11.7-17.4	1	16.7	13.5-19.4
2	13.4	9.9-16.1	1B	14.0	11.2-16.6	2	14.6	9.9-18.8
3	12.1	8.9-16.8	2A	14.2	11.6-16.9	3	13.9	10.6-18.5
4	11.1	9.7-14.0	2B	13.9	10.6-17.3	4	14.6	10.7-18.0
5	11.8	10.3-14.2	3AN	14.6	11.7-18.7	5	13.2	9.7-16.4
6	11.7	10.1-14.3	3AS	14.9	11.8-18.2	6	10.8	10.4-11.3
7	13.8	11.2-16.0	3BN	15.3	11.7-18.2	7	12.8	11.4-15.0
8	13.1	10.6-16.2	3BS	16.3	11.8-19.4			
9	13.8	10.1-16.9	4A	17.1	13.8-19.7			
10	14.2	8.6-17.3	4B	15.8	11.7-17.9			
11	13.4	10.4-16.8	5A	14.5	10.6-18.6			
12	13.8	13.1-14.2	5B	14.0	10.3-18.4			
13	14.6	12.0-17.9	6A	14.5	11.1-18.0			
14	13.3	11.6-14.6	6B	14.8	10.7-17.9			
			7A	16.4	12.9-19.7			
			7B	16.2	12.1-18.9			
			8A	14.0	9.7-17.6			
			8B	14.4	11.3-18.7			
			9A	14.8	11.0-18.3			
			9B	15.3	12.9-18.8			

Grading of Wheat Inspected, August 1960 with Comparisons

1/ Less than .05 per cent.

Lake Shipments of Canadian Grain from the Opening of Navigation to September 21, 1960
and to Approximately the Same Date, 1950 to 1959*

Year	Wheat	Oats	Barley	Rye	Flaxseed	Total
- thousand bushels -						
1950	87,792	13,943	13,962	3,507	1,877	121,080
1951	113,359	40,599	28,910	4,849	959	188,677
1952	150,251	61,368	62,785	4,983	3,286	282,672
1953	160,034	58,042	76,437	9,912	3,434	307,859
1954	85,221	35,480	45,592	5,149	2,413	173,855
1955	98,704	21,243	37,703	8,412	3,448	169,510
1956	154,232	25,692	56,241	9,878	3,696	249,740
1957	105,245	26,009	28,669	3,792	7,596	171,311
1958	124,383	27,857	49,118	4,966	3,811	210,135
1959	122,694	18,417	29,329	3,928	4,121	178,488
1960	126,571	14,223	30,853	3,159	4,883	179,689

* Shipments from opening of navigation to the following September dates: 21, 1950; 20, 1951; 18, 1952; 24, 1953; 22, 1954; 21, 1955; 19, 1956; 18, 1957; 24, 1958; and 23, 1959.

Wheat Shipments* to the United States by Destination, August 1 - September 21, 1960
Compared with Approximately the Same Period 1958 and 1959

Destination	1958	1959	1960
- bushels -			
<u>By Vessel</u>			
Buffalo	-	110,305	59,031
Chicago	-	-	-
Duluth-Superior	181,879	71,850	65,679
Milwaukee	-	-	60,000
Totals, Vessel	181,879	182,155	184,710
<u>By Rail</u>			
U.S.A. Domestic Points	49,500	18,653	38,400
Totals, Rail	49,500	18,653	38,400
Totals, Shipments	231,379	200,808	223,110

* Either for re-export or retention for domestic use. Excluding bagged seed.

Rail Shipments of Wheat to Maritime Ports from Bay, Lake
and Upper St. Lawrence Ports

Origin of Shipments	August 1959	August 1960
- bushels -		
Port McNicoll	509,627	-
Midland, Tiffin	618,317	-
Owen Sound	44,343	-
Goderich	107,950	-
Total	1,280,237	-

Rail Shipments of Wheat from Fort William-Port Arthur, 1957-58-1960-61

Month	1957-58	1958-59	1959-60	1960-61
- bushels -				
August	33,297	33,123	34,383	14,717
September	42,125	15,692	31,690	
October	34,937	68,834	30,904	
November	67,894	205,061	8,383	
December	232,252	214,398	25,355	
January	525,238	684,845	103,087	
February	178,204	173,387	23,878	
March	191,312	280,705	18,826	
April	215,546	243,292	64,156	
May	33,839	44,783	19,513	
June	35,368	10,128	25,234	
July	37,984	33,696	26,803	
Totals	1,627,996	2,007,944	412,212	

Distribution of Rail Shipments of Wheat from Fort William-Port Arthur, August 1960

Grade	Quebec	Ontario
- bushels -		
4 Northern	-	1,333
5 Wheat	1,500	4,167
Tough	1,669	-
Amber Durum	4,000	-
Others	1,881	167
Totals	9,050	5,667

Overseas Exports of Canadian Grain by Ports of Loading, August 1-September 21, 1960
with Comparisons

Ports	Wheat <u>1/</u>	Oats	Barley	Rye	Flaxseed	Rapeseed <u>2/</u>
- bushels -						
<u>Pacific Seaboard</u>						
Vancouver-New Westminster	11,662,699	-	1,776,539	42,000	308,997	93,882
Victoria	242,927	-	-	-	-	-
<u>Churchill</u>	14,170,276	108,376	-	-	-	-
<u>Lakehead Direct</u>	2,826,405	60,356	1,101,533	-	399,763	-
<u>St. Lawrence</u>						
Montreal	8,720,652	168,970	41,326	-	1,179,091	-
Sorel	375,200	-	-	-	-	-
Quebec	18,667	-	-	-	-	-
Baie Comeau	1,234,633	-	-	-	-	-
Totals	39,251,459	337,702	2,919,398	42,000	1,887,851	93,882
August 1-September 23, 1959	37,060,901	509,870	2,535,363	20,000	1,359,622	106,329

1/ Excluding bagged seed.

2/ In bushels of 50 pounds.

Freight Assistance Shipments Claims filed for payment up to August 31, 1960 represent the movement of some 19.8 million bushels of wheat from the Prairie Provinces to Eastern Canada and British Columbia under the freight assistance policy during the 1959-60 crop year. During 1958-59 claims had been filed for a total of 22.8 million bushels, indicating on the assumption of approximately the same rate of submission of claims during both crop years that the 1959-60 shipments of wheat under the policy were running about 13 per cent below those of 1958-59. Revised data on the 1958-59 shipments of wheat based on claims submitted up to August 31, 1960 place the twelve-month total at 23.7 million bushels. About 74 per cent of the shipments during the period under review went to destinations in Ontario and Quebec.

Provincial Distribution of Wheat Shipments under the Freight Assistance Policy
August-July 1959-60 and 1958-59

Month	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	B.C.	Total
- thousand bushels -								
August, 1959	15	27	127	52	634	860	231	1,947
September	17	16	90	113	627	764	197	1,825
October	21	15	127	64	673	863	310	2,072
November	16	26	106	53	667	709	307	1,884
December	14	15	190	63	599	665	196	1,743
January, 1960	8	12	82	52	513	544	225	1,434
February	11	15	127	42	397	489	208	1,291
March	11	19	135	58	552	656	210	1,641
April	9	17	125	49	475	548	213	1,436
May	9	17	187	57	532	677	253	1,731
June	14	18	158	41	562	683	201	1,677
July	2	13	51	30	418	534	102	1,149
Totals <u>1/</u>	147	209	1,506	674	6,650	7,991	2,652	19,830
Same period 1958-59:								
Preliminary <u>2/</u>	143	218	1,560	717	7,787	9,793	2,582	22,802
Revised <u>1/</u>	154	223	1,581	733	7,967	10,096	2,908	23,664

Preliminary data on millfeed shipments under the freight assistance policy indicate shipments of 562,409 tons during the crop year 1959-60. During the 1958-59 crop year claims had been filed for a total of 544,497 tons, indicating on the assumption of approximately the same rate of submission of claims during both crop years that the 1959-60 shipments under the policy were about 3 per cent above those of 1958-59. Revised data on the 1958-59 shipments of millfeeds under the policy, based on claims submitted up to August 31, 1960 place the crop year total at 568,868 tons. As with freight-assisted shipments of wheat, the greater portion of the millfeed shipments went to destinations in Ontario and Quebec.

Provincial Distribution of Millfeed Shipments under the Freight Assistance Policy
August-July 1959-60 and 1958-59

Province	1958-59		1959-60
	Preliminary <u>2/</u>	Revised <u>1/</u>	Preliminary <u>1/</u>
- tons -			
Newfoundland	3,441	3,675	4,191
Prince Edward Island	7,190	7,409	8,634
Nova Scotia	30,118	30,827	33,137
New Brunswick	27,917	28,717	31,826
Quebec	280,843	292,797	276,814
Ontario	154,577	160,779	163,352
British Columbia	40,411	44,664	44,455
Totals	544,497	568,868	562,409

1/ Based on claims filed up to August 31, 1960.

2/ Based on claims filed up to August 31, 1959.

Monthly Exports of Canadian Wheat and Wheat Flour

Year and Month	Wheat in Bulk <u>1/</u>	Bagged Seed Wheat <u>2/</u>	Total Wheat	Wheat Flour <u>2/</u> <u>3/</u>	Total <u>3/</u> Wheat and Wheat Flour
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- thousand bushels -

1958-59

August	23,152	237	23,389	2,443	25,833
September	16,112	201	16,314	2,232	18,546
October	25,532	188	25,720	3,656	29,375
November	21,437	299	21,736	3,921	25,658
December	19,864	451	20,315	3,196	23,511
January	17,893	607	18,500	2,820	21,320
February	17,685	956	18,641	3,035	21,676
March	18,579	1,280	19,859	2,705	22,564
April	18,918	738	19,657	3,057	22,714
May	29,040	31	29,071	3,529	32,600
June	27,842	72	27,913	3,003	30,916
July	16,101	204	16,305	3,529	19,834
Totals	252,155	5,266	257,421	37,125	294,546

1959-60 4/

August	21,203	129	21,332	3,194	24,527
September	22,606	155	22,761	3,547	26,308
October	22,440	89	22,529	3,059	25,589
November	29,239	409	29,648	3,312	32,960
December	20,262	891	21,153	3,559	24,712
January	13,220	753	13,972	3,076	17,048
February	16,462	891	17,353	2,617	19,971
March	17,102	794	17,896	2,617	20,513
April	15,373	994	16,366	2,508	18,874
May	21,210	356	21,566	3,841	25,407
June	21,011	38	21,049	2,466	23,514
July	14,589	71	14,660	3,618	18,278
Totals	234,717	5,568	240,285	37,415	277,701

1960-61 4/

August	23,908	144	24,052	2,795	26,848
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1/ Export clearances including shipments to the United States compiled by the Statistics Branch, Board of Grain Commissioners for Canada.

2/ Compiled from Canadian Customs returns, 1958-59 adjusted to remove effect of time lag in reporting.

3/ In terms of wheat equivalent. Wheat flour conversion rate: 2.3 bushels per cwt.

4/ Subject to revision. Unadjusted Customs returns.

Exports of Canadian Wheat and Wheat Flour by Destination 1960-61

Destination	May	August	
	Wheat Flour 1/	Wheat Flour 2/	Wheat 3/
- bushels -			
<u>COMMONWEALTH COUNTRIES</u>			
<u>Western Europe</u>			
United Kingdom	1,238,366	769,667	8,884,966
Gibraltar	5,152	1,288	-
Malta and Gozo	-	-	425,600
<u>Middle East</u>			
Kuwait	-	2,576	-
British Middle East, nes	1,288	2,992	-
<u>Other Africa</u>			
Ghana	191,668	40,595	-
Nigeria	32,996	6,817	-
Rhodesia - Nyasaland	2,355	5,191	-
Sierra Leone	31,630	9,113	-
Tanganyika	-	115	-
British Africa, nes	575	690	-
<u>Other Asia</u>			
Ceylon	490,397	-	-
Hong Kong	68,333	61,629	57,867
Malaya - Singapore	38,415	48,967	-
Pakistan	173	230	-
British East Indies, nes	161	708	-
<u>Oceania</u>			
Fiji	1,437	1,323	-
British Oceania, nes	-	414	-
<u>South America</u>			
British Guiana	5,655	52,116	-
<u>Central America and Antilles</u>			
Bahamas	29,776	32,775	-
Bermuda	8,338	12,466	-
British Honduras	1,571	522	-
Barbados	12,843	29,067	-
Jamaica	111,948	128,099	-
Leeward-Windward Islands	86,951	105,664	-
Trinidad	132,671	152,860	-
Totals, Commonwealth Countries	2,492,699	1,465,884	9,368,433
<u>OTHER COUNTRIES</u>			
<u>Western Europe</u>			
Austria	-	-	616,850
Belgium-Luxembourg	18,547	10,663	1,575,129
Denmark	460	-	-
France	-	-	404,200
Germany, Federal Republic	-	-	2,462,457
Greece	2,684	-	-
Iceland	3,132	1,610	-
Italy	-	-	873,307
Netherlands	-	506	529,461
Norway	-	-	651,093
Portugal	3,071	40,800	-
Switzerland	-	-	903,057
<u>Middle East</u>			
Iran	145	138	-
Israel	-	68,561	-
Lebanon	6,463	349,575	-
U.A.R. - Egypt	-	2,376	-
U.A.R. - Syria	230	-	-

Exports of Canadian Wheat and Wheat Flour by Destination 1960-61

Destination	May	August	
	Wheat Flour <u>1/</u>	Wheat Flour <u>2/</u>	Wheat <u>3/</u>
- bushels -			
<u>OTHER COUNTRIES (concluded)</u>			
<u>Other Africa</u>			
Belgian Congo	46,683	28,939	-
Liberia	4,175	1,380	-
Mozambique	1,175	-	42,933
Portuguese Africa, nes	14,504	6,928	-
<u>Other Asia</u>			
Japan	127,505	32,202	5,910,427
Philippines	241,624	392,191	47,608
Portuguese India	13,961	24,440	-
Portuguese Asia, nes	5,566	8,096	-
Thailand	39,562	38,985	-
Viet-Nam	152,706	-	-
<u>Oceania</u>			
French Netherlands Oceania	-	230	-
United States Oceania	2,300	3,450	35,467
<u>South America</u>			
Brazil	1,380	-	-
Bolivia	-	862	-
Colombia	577	4,772	-
Surinam	7,807	2,923	-
Venezuela	-	4,888	306,979
<u>Central America and Antilles</u>			
Costa Rica	37,559	71,192	-
Cuba	9,582	35,507	-
Dominican Republic	-	17,595	-
El Salvador	22,683	17,278	-
French West Indies	460	345	-
Guatemala	1,725	2,302	-
Honduras	6,003	7,475	1,665
Netherlands Antilles	14,594	7,178	-
Nicaragua	28,846	19,750	-
Panama	26,917	32,844	-
<u>North America</u>			
St. Pierre-Miquelon	115	639	-
United States			
Flour in terms of wheat	186,143	92,980	-
For domestic use <u>4/</u>	-	-	81,000
Continent for orders <u>5/</u>			97,566
Totals, Other Countries	1,028,884	1,329,600	14,539,199
Sub-Totals, All Countries	3,521,583	2,795,484	23,907,632
Bagged Seed wheat <u>6/</u>			144,454
Totals, All Countries	3,521,583	2,795,484	24,052,086

1/ In terms of wheat equivalent. Adjusted to remove effect of time lag in the returns made by Customs. Conversion rate: 2.3 bushels per cwt.

2/ In terms of wheat equivalent. Unadjusted Canadian Customs returns. Conversion rate: 2.3 bushels per cwt.

3/ Overseas clearances as reported by the Statistics Branch, Board of Grain Commissioners for Canada, for all countries except the United States. Subject to revision.

4/ Compiled from returns of Canadian elevator licensees and shippers and advice from American Grain correspondents. Excluding bagged seed.

5/ Final destination unknown at the time of release.

6/ Unadjusted Canadian Customs returns.

nes - not elsewhere specified.

Initial Payment to Producers The Canadian Wheat Board released on September 22 its Price List No. 1 covering fixed minimum carlot prices for wheat, established in accordance with the provisions of the Canadian Wheat Board Act as amended. The Board states that the price of No. 1 Northern Wheat was fixed "by the provisions of Order-in-Council P.C. 1960 - 1110 dated August 11, 1960 and the remaining prices have been fixed by the Board in their proper relation to the price for the No. 1 Northern grade". In addition to the categories of "tough and damp" as shown in the table below, Price List No. 1 includes ten other off-grades carrying discounts from the straight grades.

Canadian Wheat Board Price List for Specified Grades of Wheat, Crop Year 1960-61
(In Carload Lots, Basis in Store Fort William-Port Arthur or Vancouver)

Grade	Straight	Tough <u>1/</u>	Damp <u>2/</u>
No. 1 Hard	\$1.40	\$1.36	\$ -
No. 1 Northern	1.40	1.36	1.24
No. 2 Northern	1.36	1.32	1.20
No. 3 Northern	1.32	1.28	1.16
No. 4 Northern	1.25	1.21	1.09
No. 5 Wheat	1.08	1.04	.92
No. 6 Wheat	1.02	.98	.88
Feed Wheat96	.92	.82
No. 4 Special	1.22	1.18	1.06
No. 5 Special	1.05	1.01	.89
No. 6 Special99	.95	.85
No. 1 C.W. Amber Durum	1.40	1.36	1.24
No. 2 C.W. Amber Durum	1.36	1.32	1.20
No. 3 C.W. Amber Durum	1.32	1.28	1.16
Extra No. 4 C.W. Amber Durum	1.29	1.25	1.13
No. 4 C.W. Amber Durum	1.25	1.21	1.09
No. 5 C.W. Amber Durum	1.08	1.04	.92
No. 6 C.W. Amber Durum	1.02	.98	.88
No. 1 C.W. Garnet	1.22	1.18	1.06
No. 2 C.W. Garnet	1.17	1.13	1.01
No. 3 C.W. Garnet	1.10	1.06	.94
No. 4 C.W. Garnet	1.04	1.00	.88
No. 1 Alberta Red Winter	1.24	1.20	1.08
No. 2 Alberta Winter	1.19	1.15	1.03
No. 3 Alberta Winter	1.13	1.09	.97
No. 4 Alberta Winter	1.07	1.03	.91
No. 1 Soft White Spring	1.25	1.21	1.09
No. 2 Soft White Spring	1.22	1.18	1.06
No. 3 Soft White Spring	1.18	1.14	1.02
No. 4 Soft White Spring	1.15	1.11	.99
No. 1 Mixed Wheat	1.08	1.04	.94
No. 2 Mixed Wheat	1.03	.99	.89
No. 3 Mixed Wheat	1.03	.99	.89
No. 4 Mixed Wheat98	.94	.84
No. 5 Mixed Wheat	1.08	1.04	.94
No. 6 Mixed Wheat	1.03	.99	.89
No. 1 C.W. Mixed Grain88	.84	.74

1/ Moisture content for wheat other than Durum, 14.6 per cent to 17 per cent, inclusive; for Durum wheat, 14.9 per cent to 17 per cent, inclusive.

2/ Moisture content over 17 per cent.

Canadian Wheat Board Weekly Average Cash Wheat Prices
Basis in Store Fort William-Port Arthur

Class and Grade	Week Ending			
	Sept. 9	Sept. 16	Sept. 24	Sept. 30

- cents and eighths per bushel -

Initial Payment to Producers

1 Northern	140	140	140	140
2 Northern	136	136	136	136
3 Northern	132	132	132	132
4 Northern	125	125	125	125
5 Wheat	108	108	108	108
6 Wheat	102	102	102	102
Feed Wheat	96	96	96	96
1 C.W. Garnet	122	122	122	122
2 C.W. Garnet	117	117	117	117
1 Alberta Red Winter	124	124	124	124
2 Alberta Winter	119	119	119	119
1 C.W. Amber Durum	140	140	140	140
2 C.W. Amber Durum	136	136	136	136
3 C.W. Amber Durum	132	132	132	132

International Wheat Agreement

and Domestic Sales

1 Northern	165/2	164/7	164/5	165/3
2 Northern	160/2	159/7	159/5	160/3
3 Northern	157/2	157/1	157/5	158/3
4 Northern	152/2	152/2	153/7	155/5
5 Wheat	147/2	147/1	147/5	149/1
6 Wheat	145/2	145/1	145/5	146/5
Feed Wheat	143/2	143/1	143/5	144/5
1 C.W. Garnet	158/2	158/1	158/5	159/5
2 C.W. Garnet	154/2	154/1	154/5	155/5
3 C.W. Garnet	151/2	151/1	151/5	152/5
1 Alberta Red Winter	159/2	159/1	159/5	160/5
2 Alberta Winter	156/2	156/1	156/5	157/5
3 Alberta Winter	152/2	152/1	152/5	153/5
1 C.W. Amber Durum	177/4	177/3	177/7	178/7
2 C.W. Amber Durum	174/4	174/3	174/7	175/7
3 C.W. Amber Durum	171/4	171/3	171/7	172/7

Export - Class II

1 Northern	165/2	164/7	164/5	165/3
2 Northern	160/2	159/7	159/5	160/3
3 Northern	157/2	157/1	157/5	158/3
4 Northern	152/2	152/2	153/7	155/5
5 Wheat	147/2	147/1	147/5	149/1
6 Wheat	145/2	145/1	145/5	146/5
Feed Wheat	143/2	143/1	143/5	144/5
1 C.W. Garnet	158/2	158/1	158/5	159/5
2 C.W. Garnet	154/2	154/1	154/5	155/5
3 C.W. Garnet	151/2	151/1	151/5	152/5
1 C.W. Amber Durum	177/4	177/3	177/7	178/7
2 C.W. Amber Durum	174/4	174/3	174/7	175/7
3 C.W. Amber Durum	171/4	171/3	171/7	172/7

Canadian Wheat Board Weekly Average Cash Wheat Prices
Basis in Store Vancouver

Class and Grade	Week Ending			
	Sept. 9	Sept. 16	Sept. 23	Sept. 30

- cents and eighths per bushel -

Initial Payment to Producers

1 Northern	140	140	140	140
2 Northern	136	136	136	136
3 Northern	132	132	132	132
4 Northern	125	125	125	125
5 Wheat	108	108	108	108
6 Wheat	102	102	102	102
Feed Wheat	96	96	96	96
1 C.W. Garnet	122	122	122	122
2 C.W. Garnet	117	117	117	117
1 Alberta Red Winter	124	124	124	124
2 Alberta Winter	119	119	119	119
1 C.W. Amber Durum	140	140	140	140
2 C.W. Amber Durum	136	136	136	136
3 C.W. Amber Durum	132	132	132	132

International Wheat Agreement

and Domestic Sales

1 Northern	172/6	172/5	173/1	174/2
2 Northern	167/6	167/5	168/1	169/2
3 Northern	165/6	165/5	166/1	167/2
4 Northern	160/6	160/5	161/3	163/5
5 Wheat	147/6	148/3	150/1	151/5
6 Wheat	145/6	146	146/1	147/1
Feed Wheat	143/6	144	144/1	145/1
1 C.W. Garnet	158/6	158/5	159/1	160/1
2 C.W. Garnet	154/6	154/5	155/1	156/1
3 C.W. Garnet	151/6	151/5	152/1	153/1
1 Alberta Red Winter	162/6	162/5	163/1	164/1
2 Alberta Winter	159/6	159/5	160/1	161/1
3 Alberta Winter	155/6	155/5	156/1	157/1

Export - Class II

1 Northern	172/6	172/5	173/1	174/2
2 Northern	167/6	167/5	168/1	169/2
3 Northern	165/6	165/5	166/1	167/2
4 Northern	160/6	160/5	161/3	163/5
5 Wheat	147/6	148/3	150/1	151/5
6 Wheat	145/6	146	146/1	147/1
Feed Wheat	143/6	144	144/1	145/1
1 C.W. Garnet	158/6	158/5	159/1	160/1
2 C.W. Garnet	154/6	154/5	155/1	156/1
3 C.W. Garnet	151/6	151/5	152/1	153/1
1 Alberta Red Winter	162/6	162/5	163/1	164/1
2 Alberta Winter	159/6	159/5	160/1	161/1
3 Alberta Winter	155/6	155/5	156/1	157/1

CANADIAN FLOUR MILLING SITUATION

Production Wheat flour production by Canadian mills during August 1960 amounted to 3,418,000 hundredweight, representing an increase of 7 per cent over the July total of 3,199,000 hundredweight, 3 per cent more than both the August 1959 output of 3,308,000 hundredweight and the ten-year (1950-59) average for the month of August of 3,305,000 hundredweight. Mills reporting operations during August 1960 had a total rated capacity of 171,000 hundredweight per 24-hour day and on the basis of a 27-day working period 74.2 per cent of this rated capacity was effective.

Wheat milled for flour during August 1960 amounted to 7,794,000 bushels, 8 per cent greater than the 7,234,000 bushels milled during the previous month and 4 per cent above the 7,518,000 bushels milled in August a year ago. Of the wheat milled for flour during August 1960, some 6,849,000 bushels were Western Canadian spring wheat (other than Durum) while the remainder consisted of Ontario Winter wheat (619,000 bushels); Durum (276,000 bushels); and all other (49,000 bushels).

Exports According to preliminary Customs returns, exports of Canadian wheat flour during August 1960 amounted to 1,215,000 hundredweight (some 2,795,000 bushels of wheat equivalent) representing a decrease of 23 per cent from the July total of 3,618,000 bushels, and 10 per cent less than the adjusted August 1959 exports of 3,090,000 bushels. Flour shipments during the month went to fifty-eight countries with exports to the United Kingdom amounting to 770,000 bushels of wheat equivalent and accounting for 28 per cent of the August 1960 total. Other principal markets for Canadian wheat flour during the month, with shipments in thousands of bushels of wheat equivalent were as follows: Philippines, 392; Lebanon, 350; Trinidad, 153; Jamaica, 128; Leeward-Windward Islands, 106; and United States, 92.

Wheat Milled for Flour, and Production and Exports of Wheat Flour, Canada

Crop Year	Wheat Milled for Flour	Wheat Flour	
		Production	Exports ^{1/}
	- bushels -	- cwt. -	
1935-36—1939-40 average	67,845,114	29,405,451	9,603,941
1940-41—1944-45 average	99,704,638	43,908,245	23,699,546
1945-46—1949-50 average	107,330,372	47,011,540	25,819,721
1950-51—1954-55 average	100,446,328	43,847,894	21,812,041
1955-56	91,770,025	40,148,750	17,391,300
1956-57	85,149,373	37,623,446	14,582,431
1957-58	92,288,897	40,819,678	17,556,886
1958-59	90,142,957	39,826,493	16,141,267
1959-60 ^{2/}	91,389,487	40,344,452	16,003,902
1960-61 ^{2/}			
August	7,794,120	3,417,531	1,215,428
Same month 1958-59 (revised)	7,517,850	3,308,115	1,343,647

^{1/} Based on Customs returns. Exports for the crop years 1945-46—1958-59 revised to remove effect of time lag in the returns made by Customs.

^{2/} Subject to revision.

UNITED STATES SITUATION

Supply Position Domestic supplies of wheat in the United States for the 1960-61 crop year are estimated at 2,680.7 million bushels, consisting of the July 1 carryover of 1,313.1 million and the 1960 crop, estimated as at September 1, at 1,367.7 million bushels. Domestic supplies of the size indicated would be 11 per cent greater than the previous peak of 2,423.2 million bushels a year ago. Imports of wheat from Canada during the July-August period of the current United States crop year amounted to 0.5 million bushels. After deducting an estimated 609.0 million bushels for anticipated domestic requirements, some 2,072.3 million remain available for export and for carryover during 1960-61 compared with 1,813.1 million in 1959-60.

United States Wheat Supplies

Item	1959-60	1960-61 <u>1/</u>
	- million bushels -	
Carryover at beginning of crop year (July 1)	1,295.1	1,313.1
New crop	1,128.2	1,367.7 <u>2/</u>
Total estimated domestic supplies	2,423.2	2,680.7
Imports of wheat and wheat flour in terms of wheat for domestic use, July-August	0.4 <u>2/</u>	0.5
Total estimated supplies <u>3/</u>	2,423.6	2,681.3
Less estimated domestic requirements for crop year <u>4/</u>	610.5	609.0
Available for export and for carryover	1,813.1	2,072.3
Deduct:		
Exports of wheat as grain, July-August	61.1	74.6
Exports of wheat flour and products in terms of wheat, July-August <u>5/</u>	11.6	11.5
Total exports of wheat, wheat flour and products <u>6/</u>	72.7	86.1
Balance on September 1 for export and for carryover	1,740.4	1,986.2

1/ Preliminary. 2/ Revised. 3/ Excluding imports for September-June.

4/ Includes allowances for shipments of United States wheat and wheat products to Alaska, Hawaii, Puerto Rico, Guam, Samoa, Virgin Islands and Wake Island. These shipments are not included in exports as set out in the table. 5/ Flour exports exclude "Milled in bond". 6/ These figures now include all shipments under relief programs which formerly were not available from Census data.

Exports of wheat, wheat flour and other products in terms of grain equivalent during the first two months (July-August) of the 1960-61 United States crop year amounted to 86.1 million bushels, 18 per cent greater than the 72.7 million exported during the same months in 1959. The balance remaining on September 1, 1960 for export and for carryover was estimated at 1,986.2 million bushels compared with 1,740.4 million on the same date a year ago.

1960 Wheat Crop
Forecast at 1,368
Million Bushels

In a report released on September 9, the Crop Reporting Board of the United States Department of Agriculture stated that production of all wheat is estimated at 1,368 million bushels, the second largest crop of record, more than a fifth larger than 1959 but 6 per cent less than the record crop of 1958. The increase from August 1 reflects improved prospects in the spring wheat areas with durum and other spring wheat production each increasing nearly 3 million bushels. The August 1 estimate of winter wheat at 1,117 million bushels is carried forward. Prospective yield per harvested acre of all wheat at 25.8 bushels is the second highest of record and compares with the average of 19.0 bushels.

Other spring wheat production is estimated at 216 million bushels, 2.9 million bushels above the August 1 forecast. The crop is nearly a fifth above last year but 7 per cent less than average. The yield at 20.4 bushels is equal to the second highest of record.

Yields in all producing States except South Dakota, Montana, Iowa, and Nevada were equal to or larger than the August 1 forecast. The decline in production in these latter States was more than offset by increased prospects in the important producing States of North Dakota, Minnesota, and Washington. Harvest of spring wheat was nearing completion by the end of August with most of the acreage remaining for harvest in the extreme northern areas and high elevations in the northern Mountain States.

Production of durum wheat is estimated at 35.6 million bushels, up 9 per cent from August 1 as harvest neared completion. A production of this size would be almost three-fourths larger than last year's small crop and nearly a third above average. The yield at 20.7 bushels per acre is the second highest of record.

Production is the largest since 1951 in the Dakotas as outturns exceeded earlier expectations. Harvest was virtually complete by September 1 in South Dakota and in North Dakota was pushing rapidly towards completion with 63 per cent combined and 28 per cent in the swath. Harvest moved along rapidly during August in Minnesota and yields were pushed up with combining almost complete except in the northernmost counties. The Montana yield remained unchanged from last month with harvest four-fifths complete.

Flour Production

The Bureau of the Census, Department of Commerce estimated wheat flour production in the United States in August 1960 at 22,009,000 sacks, an average of 957,000 sacks per working day. This compared with an average output per working day of 963,000 sacks in July 1960 and 977,000 sacks in August 1959. Production of wheat flour in August was at 85.6 per cent of capacity compared with 86.1 per cent and 88.1 per cent, respectively, for the previous month and the same month a year ago. Flour mills in August ground 50,387,000 bushels of wheat compared with 44,101,000 bushels in the previous month. Wheat offal output in August amounted to 418,511 tons.

P.L. 480 Authorizations

On October 14, the USDA announced the following authorizations to the United Arab Republic:

Syria - Authorization 48-07, as amended, provides for purchase of additional \$2,477,000 worth (about 40,000 metric tons).

Authorization 48-08, as amended, provides for purchase of additional \$3,598,000 worth (about 60,000 metric tons).

Egypt - Amendment to Authorization 46-28 provides for purchase of wheat flour, as well as wheat. Authorization provides for purchase of \$6,150,000 worth (about 100,000 metric tons) of wheat or wheat flour.

United States Exports of Wheat and Flour by Country of Destination
July 1959 and 1960

NOTE

These data on exports by destination cover only the first month of the United States crop year beginning July 1. The table on United States wheat supplies (see page 21) contains a preliminary estimate of total exports for the first two months of the United States crop year. Neither of these tables should be confused with the United States export figure shown on page one of this publication which, for comparative purposes, is based on the Canadian crop year beginning August 1.

Country of Destination	July 1959			July 1960		
	Wheat	Flour 1/	Total	Wheat	Flour 1/	Total
- thousand bushels -						
<u>Western Hemisphere</u>						
Central America	177	253	430	80	269	349
Cuba	567	268	835	162	260	422
Brazil	2,045	-	2,045	1,328	-	1,328
Peru	1,063	13	1,076	633	60	693
Venezuela	1,396	54	1,450	860	33	893
Others	576	456	1,032	974	499	1,473
Totals	5,824	1,044	6,868	4,037	1,121	5,158
<u>Europe</u>						
Germany, West	2,363	80	2,443	348	69	417
Italy	546	893	1,439	-	616	616
Netherlands	960	126	1,086	248	110	358
Poland	3,151	79	3,230	4,921	21	4,942
United Kingdom	953	122	1,075	1,324	108	1,432
Yugoslavia	2,008	400	2,408	-	106	106
Others	758	722	1,480	526	468	994
Totals	10,739	2,422	13,161	7,367	1,498	8,865
<u>Asia</u>						
India	8,400	2/	8,400	11,980	2/	11,980
Israel	1,414	13	1,427	773	-	773
Japan	5,060	233	5,293	5,957	155	6,112
Korea	334	92	426	295	123	418
Pakistan	131	-	131	3,913	153	4,066
Philippines	-	183	183	397	123	520
Taiwan (Formosa)	388	74	462	386	63	449
Turkey	-	-	-	691	2	693
Others	693	880	1,573	986	1,499	2,485
Totals	16,420	1,475	17,895	25,378	2,118	27,496
Africa	998	668	1,666	789	740	1,529
Oceania	-	4	4	-	4	4
Unspecified	-	25	25	-	-	-
Totals, All Countries 3/..	33,981	5,638	39,619	37,571	5,481	43,052

1/ Wholly of U.S. wheat (grain equivalent).

2/ Less than 500 bushels.

3/ Includes shipments for relief or charity.

Cash Wheat Prices on the Kansas City and Minneapolis Markets

No. 2 Hard Winter, Kansas City			No. 1 Northern Spring, Minneapolis		
Date	Price		Date	Price	
- cents per bushel -			- cents per bushel -		
September 1, 1960....	197	- 197 1/2	September 1, 1960...	203 3/4	- 204 3/4
2	197 1/4	- 217 1/2	2	203 3/8	- 204 3/8
5	LABOUR DAY		5	LABOUR DAY	
6	197 1/2	- 203 1/2	6	203 5/8	- 204 5/8
7	195 3/4	- 198	7	203 1/4	- 204 1/4
8	198 3/4	- 200 3/4	8	203 1/2	
9	197		9	203 5/8	
12	197 1/2	- 202	12	205 1/8	- 206 1/8
13	197	- 197 1/4	13	205 5/8	- 207 5/8
14	197 1/4	- 198 3/4	14	206 1/8	- 207 1/8
15	195 1/2	- 201	15	206 5/8	
16	196 1/2	- 197	16	205 7/8	
19	196	- 196 1/2	19	206 1/4	
20	196	- 197	20	206 7/8	
21	194 1/2	- 225	21	208 3/8	
22	196 3/4		22	209 1/4	
23	199 1/4		23	208 7/8	
26	197 1/2		26	208 7/8	- 209 7/8
27	199		27	209 1/8	
28	197 1/4	- 222	28	208 7/8	
29	197 3/4	- 200 1/4	29	208 5/8	
30	196 3/4	- 225 1/2	30	209	

Chicago Wheat Futures, High Points of Closing

Date	September	December	March	May	July
- cents and eighths per bushel -					
September 1, 1960...	185/6	192/3	197/2	197/2	186
2	185/5	192/2	197	196/3	185/6
5	L A B O U R D A Y				
6	185/6	192/3	197/2	196/7	186
7	185/5	192	197/1	196/3	185/5
8	186/1	192/4	197/4	196/7	186/2
9	186/5	193	198/1	197/5	186/5
12	186/2	192/6	197/6	197/2	186/1
13	187/3	193/2	198/2	197/7	186/6
14	187/1	193/1	198/2	197/6	186/3
15	187/3	193/3	198/3	197/6	186/4
16	187/2	193/2	198/2	197/6	186/6
19	187/3	192/7	197/5	197/1	185/6
20	187/6	193	197/6	197/1	185/5
21	189/3	193/4	198/2	197/1	185/6
22		193/4	198/1	196/6	185/3
23		193/7	198	196/4	184/7
26		194/5	198/6	197/5	185/4
27		194/7	199/1	197/6	185/7
28		195/4	199/4	198	186
29		195/1	199/4	197/6	185/7
30		194/6	199/2	197/5	185/7

ARGENTINE SITUATION

Supply Position Estimated total supplies of wheat in the Argentine for the 1959-60 (December-November) crop year amount to 273.1 million bushels, consisting of the December 1, 1959 carryover of 58.6 million and the new crop, placed at 214.5 million. Indicated supplies for the current Argentine crop year, reflecting a relatively substantial decline in production, are about 10 per cent less than the 1958-59 total of 303.1 million bushels. With anticipated domestic requirements placed at 150.6 million bushels, an estimated 122.5 million are available for export and for carryover as against 156.1 million in 1958-59.

Exports of wheat and wheat flour in terms of grain equivalent during the period December 1959-August 1960 amounted to 69.6 million bushels, in contrast to 83.8 million exported during the same months in 1958-59. The balance remaining on September 1, 1960 for export and for carryover was estimated at 52.9 million bushels, some 27 per cent below the September 1, 1959 total of 72.2 million.

Argentine Wheat Supplies

Item	1958-59	1959-60 <u>1/</u>
	- million bushels -	
Carryover at beginning of crop year (December 1) <u>2/</u> ...	56.1	58.6
New Crop <u>3/</u>	246.9	214.5
Total estimated domestic supplies	303.1	273.1
Less estimated domestic requirements for crop year	147.0	150.6
Available for export and for carryover	156.1	122.5
Deduct:		
Exports of wheat as grain, December-August	82.8	69.5
Exports of wheat flour in terms of wheat, December-August	1.1	0.1
Total exports of wheat and wheat flour	83.8	69.6
Balance on September 1 for export and for carryover ...	72.2	52.9

1/ Preliminary. 2/ Includes allowances for farm stocks. 3/ Official estimate.

The following account of the Argentine situation has been extracted from a report from Mr. C.S. Bissett, Commercial Counsellor, Buenos Aires, under date of September 22, 1960 and is reproduced with the permission of the Trade Commissioner Service, Department of Trade and Commerce. Where possible, conversions from Argentine to Canadian measures have been made for the convenience of our readers. Currency conversions have been made at the rate of 83.60 pesos per U.S. dollar less 20 per cent retention.

Wheat Prospects for this year's wheat crop, which began to look rather
1960-61 bleak after our August report was despatched and so continued up
to a very short time ago, are now noticeably improved. According
to last minute official reports, appreciable deterioration has occurred in some areas
of central and eastern Córdoba, northeastern and eastern Buenos Aires, and in San Luis

and La Pampa, due to the lack of sufficient rainfall, aggravated by strong drying winds, and in some parts by the attacks of green aphids. However, all these areas are really marginal zones for wheat. Conversely the official reports concede good to excellent conditions better than previously anticipated, in the thick of the wheat-growing regions, those in the northern and south-central areas of Buenos Aires Province and those in south-western Entre Ríos Province being especially good. All lots have already reached the clustering stage, while the more advanced ones are already heading out. In the meantime, a second official estimate for seeded area has been published at 4,265,000 hectares (10.5 million acres), a slight increase over the first estimate released at mid-August.

Grain Board officials, basing their opinions on current crop conditions, and barring any unforeseen unfavourable developments, forecast a crop yield similar to that of 1959-60, in spite of the decreased seeded area for this year. It is thought there will be no problem in disposing of the coming wheat crop, as there will be a very limited carry-over and the assurance of very good demand from neighbouring countries, especially Brazil. Greater demand than usual is also expected from some European countries, where harvesting has met with most unfavourable weather conditions, resulting in diminished yields and rather poor quality grain.

The conditions surrounding the sale abroad of Argentine wheat are at present most favourable. Further supplies above what will actually be available for export in 1960-61, could be readily disposed of, according to local experts. It is also evident that the reduction in the acreage sown for 1960-61 is not merely the result of unfavourable weather conditions during seeding time but rather to other factors. Producers still do not seem to be reaping the full benefits of the decontrol of the wheat trade. Cumbersome and inefficient marketing methods and substantial levies on all grains, particularly wheat, are still in force. The result is that producers are switching partially over to linseed, or to corn or to other summer crops, while as already reported there is a trend away from the use of land for grain production to livestock production.

<u>Wheat</u> <u>1959-60</u>	The Grain Board continued to sell sizeable lots of its stocks of new and old crop wheat, totalling 125,974 metric tons (4,629,000 bushels) both for export and for domestic milling as follows: for export - 42,000 metric tons (1,543,000 bushels) of 1959-60 grain, at prices ranging from 3,650 to 3,875 pesos per ton (\$1.19 to \$1.26 per bushel) for shipment from up-river and southern ports; for domestic milling - 63,550 metric tons (2,335,000 bushels) of the same crop at similar price levels, for lots stored at various ports and inland railway stations.
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Other lots amounting to 20,323 metric tons (747,000 bushels) of the 1957-58 and 1958-59 crops, were all sold to local millers, at prices somewhat less than those above. Finally there was one small lot of 101 metric tons (3,700 bushels) of "Durum", sold for the home market. These Grain Board sales contracts were made either on the basis of hard type, Grade 1, basis 80 kilos per hectolitre (64 pounds per bushel), or on that of semi-hard type, Grade 2, basis 78 kilos per hectolitre (62 pounds per bushel). However, in the first case the Board reserved the right to supply semi-hard wheat, should it wish to do so, at the corresponding lesser price.

At the end of August the private trade was also active. Reports from Santa Fé indicated price offers of up to 400 pesos per metric ton (13 cents per bushel) for delivery in December. For readily available lots, private traders bought actively, especially as noted above from the Grain Board, for export to Brazil,

Paraguay, and other neighbouring countries, at prices averaging 362 pesos per 100 kilos (\$1.18 per bushel), for shipment from the port of Rosario (Santa Fe) and at 374 pesos (\$1.22 per bushel) for shipment from Buenos Aires.

All reports indicate that wheat stocks are nearly exhausted, except those in the hands of the Grain Board. All up-river ("Rosafé") stocks are sold out, and most of the "Southern" type stocks nearly so. Whatever "Durum" wheat is left, almost entirely old crop, is in the hands of one or two exporting firms.

Brazil continues to be one of the most active buyers, reportedly negotiating at present for further supplies of about 70,000 metric tons (2,572,000 bushels) and expected to purchase a still further 200,000 metric tons (7,349,000 bushels) before the new crop becomes available.

Prices were fairly firm in the Buenos Aires Futures Market during the first half of September, averaging 392 pesos per 100 kilos (\$1.28 per bushel) for delivery in October, 397 (\$1.29 per bushel) for November, 402 (\$1.31 per bushel) for December and January, and 400 (\$1.30 per bushel) for February.

Wheat shipments during August at 329,740 metric tons (12,116,000 bushels) were the highest for any month of the present crop year. They included 163,805 metric tons (6,019,000 bushels) for Brazil, about 32,000 (1,176,000 bushels) for each of Chile and Perú, 28,144 (1,034,000 bushels) for Italy, 20,999 (772,000 bushels) for the United Kingdom, 16,794 (617,000 bushels) for West Germany, and a number of smaller lots for other countries.

Policy All-out campaign against grain weevils. The Secretary of Agriculture and Livestock recently announced that all existing rules and regulations by which effective control of the above pest is made compulsory, will in future be strictly enforced, and no infested grain whatsoever will be allowed to be accepted either for export or for domestic consumption. Lately there have been some claims alleging weevil-ridden Argentine wheat, especially in respect of one lot sent to Porto Alegre (Brazil).

Argentine Wheat Exports December 1959 - August 1960 with Comparisons

Destination	Wheat	Destination	Wheat
	- thousand bushels -		- thousand bushels -
Austria	925	Netherlands	3,913
Belgium	1,280	Norway	551
Brazil	27,827	Paraguay	1,974
Chile	1,596	Peru	5,719
Denmark	58	Portugal	599
France	2,380	Switzerland	338
Germany	7,901	United Kingdom	10,048
Italy	2,749	Venezuela	186
Lebanon	1,470		
		Total	69,514
Same Period:			
December-August 1958-59			82,751
1957-58			50,848
1956-57			73,786
1955-56			73,092
1954-55			98,181

AUSTRALIAN SITUATION

Supply Position Estimated supplies of wheat in Australia for the 1959-60 (December-November) crop year amount to some 259.2 million bushels, consisting of the December 1, 1959 carryover of 65.1 million and the current crop estimated at 194.1 million bushels. Supplies of the size indicated, reflecting a substantially larger carryover which more than offset a decline in production, represent an increase of 12 per cent over the 1958-59 total of 231.6 million bushels. After deducting 72.0 million bushels for anticipated domestic requirements, an estimated 187.2 million are available for export and for carryover during 1959-60, 16 per cent above the 161.2 million in 1958-59.

Combined exports of wheat as grain and wheat flour in terms of grain equivalent up to September 3 of the current Australian crop year amounted to 91.2 million bushels, sharply above the 70.7 million exported during the corresponding period of 1958-59. The balance remaining on September 4, 1960 for export and for carryover, at 96.0 million bushels, exceeded by 6 per cent the comparable 1959 total of 90.5 million.

Australian Wheat Supplies

Item	1958-59	1959-60 ^{1/}
	- million bushels -	
Carryover, including flour as wheat, at beginning of crop year (December 1)	16.5	65.1
New Crop	215.1	194.1
Total estimated domestic supplies	231.6	259.2
Less estimated domestic requirements for crop year ..	70.4	72.0
Available for export and for carryover	161.2	187.2
Deduct:		
Exports of wheat as grain, December 1-September 3 .	52.2	72.7
Exports of wheat flour in terms of wheat, December 1-September 3	18.4	18.5
Total exports of wheat and wheat flour	70.7	91.2
Balance on September 4 for export and for carryover .	90.5	96.0

^{1/} Preliminary.

Crop Conditions According to Broomhall's grain trade report under date of October 10, Australian wheat crop comment was less optimistic due to excessive rains in parts of Victoria recently and by drought in parts of Queensland but the general outlook there has been favorable, with a large crop still possible.

Exports of Australian Wheat and Wheat Flour in Terms of Wheat December 1 -
September 3, 1959-60 and Corresponding Period 1958-59

Destination	Wheat		Wheat Flour	
	1958-59	1959-60	1958-59	1959-60
- thousand bushels -				
Aden	309	26	-	-
Aden and Aden I/T	-	-	1,018	810
Aden and Aden I/T (Atta Flour) ..	-	-	255	153
Africa, South	1,486	1,916	-	-
Austria	479	325	-	-
Belgian Congo	-	-	1	1/
British North Borneo	-	-	168	190
British West Indies	-	-	1/	1/
Brunei	-	-	32	43
Burma	259	-	344	308
Canary Islands	-	328	-	-
Ceylon	7	9	3,895	3,766
Cocos Islands	-	-	1/	1
Cyprus	-	-	3	4
Dutch New Guinea	-	-	73	66
Eire	3,314	671	-	-
Formosa	1	37	-	-
Germany, West	2,974	2,684	-	-
Ghana	-	-	13	1/
Greece	-	-	-	2
Guam	-	-	-	5
Hong Kong	1,857	1,703	-	-
Hong Kong (General)	-	-	174	185
India	1,606	11,928	-	-
Indonesia	-	-	1,942	1,231
Iran	304	4,776	-	-
Iraq	1,745	4,542	-	-
Japan	10,368	8,731	-	-
Kenya	785	103	-	-
Korea, North	-	1,610	-	-
Laos	-	-	3	1
Lebanon	444	-	-	-
Macao	-	-	8	14
Malaya	438	408	2,228	2,662
Malaya (Atta Flour)	-	-	32	61
Maldives Islands	-	-	36	65
Malta	383	470	-	-
Mauritius	-	-	668	817
Mozambique	-	-	1/	-
New Zealand	5,721	4,982	1/	1/
Nigeria	-	-	2	1/
Nyasaland	-	-	136	171
Okinawa	27	142	-	-
Pacific Islands	18	35	1,619	1,519
Pakistan	367	3,890	-	-
Persian Gulf	115	50	127	202
Persian Gulf (Atta Flour)	-	-	706	974
Philippines	506	335	91	114
Port Said (a/c S/S)	-	-	8	23

Exports of Australian Wheat and Wheat Flour in Terms of Wheat December 1 -
September 3, 1959-60 and Corresponding Period 1958-59

Destination	Wheat		Wheat Flour	
	1958-59	1959-60	1958-59	1959-60
- thousand bushels -				
Portuguese East Africa	37	208	-	-
Portuguese India (Goa)	70	55	55	23
Rhodesia	1,897	2,818	-	-
Sarawak	-	-	165	212
Saudi Arabia	98	57	47	141
Seychelles Islands	-	-	28	27
Singapore	107	63	2,008	2,067
Singapore (a/c War Office)	-	-	35	59
Singapore (Atta Flour)	-	-	36	12
Somaliland, British	-	-	6	3
Thailand	3	2	524	454
Timor	-	-	14	18
Trans Jordan	-	366	-	-
United Kingdom	16,473	19,404	1,705	1,806
Zanzibar	10	10	141	208
Royal Navy	26	12	7	11
Ships' Stores	-	-	80	85
Totals	52,233	72,696	18,434	18,514

1/ Less than 500 bushels.

FRENCH SITUATION

The following account of the current crop situation in France has been extracted from a report by Miss V.F. Wightman, Agricultural Attache, Canadian Embassy, Paris, under date of September 21, 1960, and is reproduced with the permission of the Trade Commissioner Service, Department of Trade and Commerce. Where possible, conversions from French to Canadian measures have been made and rounded for the convenience of our readers. Currency conversions have been made at the rate of one new franc equals .20 Canadian dollars.

1960 Growing Season The late summer continued to be marked by abundant rainfall and low temperatures. While the north-east of the country registered the most rain, the important grain district around Paris had 54 days with rain in July and August. As a consequence, harvesting was delayed and carried out under great difficulty.

The grain harvest began early, but due to the frequent rain, field work was retarded and at the beginning of September, up to half of the crops still remained in the fields in parts of the North. Slow maturity resulted in fairly high yields but quality suffered. Moisture content is high and weight below average. Certain percentage of wheat will grade only as feed, estimated by the trade at 15-20 per cent. Barley appears to have been less adversely affected than wheat or oats.

The September 1 official estimate of wheat production at 10.7 million tons (395.3 million bushels), shows an improvement over the 10.5 million (385.8 million bushels) forecast one month earlier. Despite the difficulties of harvest, the yield of 24.7 quintals per hectare (36.7 bushels per acre) is second only to last year's record. The forecast for durum wheat is 70,000 tons (2.6 million bushels), 50,000 tons last year (1.8 million bushels), with a yield of 15.5 quintals per hectare (23.1 bushels per acre).

The September 1 estimate of yields and production is as follows:

Official Estimate of Grain Production, September 1

Grain	Average 1955-59	Final 1959	September 1 1960
		Yield per Acre - bushels -	
Wheat	34.1	38.7	36.7
Rye	20.2	22.8	22.3
Barley	43.5	46.1	49.8
Oats	47.5	49.1	50.4
Mixed grains <u>1/</u>	28.7	29.3	30.0
		Production - thousand bushels -	
Wheat	354,750	424,164	395,349
Rye	18,049	18,492	16,531
Barley	194,124	226,482	256,006
Oats	211,063	182,517	178,595
Mixed grains <u>1/</u>	7,432	7,056	5,737

1/ In bushels of 50 lb.

1960-61 The supply outlook for the current crop year is still very tentative.
Supply Outlook The Central Council of the French Grain Board has made a preliminary estimate of 7.3 million tons (268,226,000 bushels) for farmers' marketings. This is quite close to deliveries of 7.45 million (273,738,000 bushels) from the 1959 crop and the carryover into the new crop year on August 1 at 690,300 tons (25,364,000 bushels) is on much the same level as 643,034 tons (23,627,000 bushels) last year. Allowing for stable domestic consumption, the export surplus should show little change from the 1959-60 season. The Grain Board Council has made a cautious estimate of 900,000 tons (33,069,000 bushels) of wheat and flour for export to foreign countries plus commitments of 600,000-700,000 tons (22,046,000-25,720,000 bushels) to the franc zone.

1959-60 While an official compilation of 1959-60 exports is not yet available,
Exports they are considered to be around 1.7-1.8 million tons. Exports of wheat and flour to foreign countries totalled 1,148,000 tons of which 756,000 tons (21,778,000 bushels) was wheat. In addition, 382,000 tons (14,036,000 bushels) of wheat moved to Algeria and 30,000 (1,102,000 bushels) to Tunisia. Some 120,000 tons (4,409,000 bushels) of wheat were shipped to the mills at Dakar and approximately the same as flour to other members of the French Community.

France exported 429,000 tons (19,704,000 bushels) of barley during the 1959-60 season, of which 8,986 tons (413,000 bushels) brewers barley; also the equivalent of 32,177 tons as malt (1,970,000 bushels equivalent). Farmers' deliveries totalled 2.2 million tons (101,044,000 bushels) whereas the domestic market consumed only around 1.2 million tons (55,115,000 bushels) - 900,000 (41,336,000 bushels) as feed and 300,000 (13,779,000 bushels) for brewing. As a result, stocks in the country are substantial and the new crop will add to this surplus.

1960-61 Grain prices for the current crop year, compared with the previous
Grain Prices season, are as follows:

	<u>1959-60</u>	<u>1960-61</u>
	- dollars per bushel -	
Soft wheat	2.07	2.18
Durum wheat	2.61	2.67
Barley	1.35	1.45
Rye	1.54	1.63
Corn	1.96	1.87
Oats (support price)68	.77

The above prices are modified by taxes and other charges. Those on wheat remain the same as last year 0.70 NF per quintal (4 cents per bushel) and a storage charge has been introduced for barley and corn, bringing the total deduction to 0.65 NF per quintal (about 3 cents per bushel).

The basis for current pricing lies in the Grain Plan of February 1958 and amendments introduced in August 1959. The chief features are 1) price guarantee limited to 6.8 million tons (249.9 million bushels); 2) distribution of export subsidy charges among producers at a rate to be determined yearly; 3) assessment by September 30 of quantities to be marketed above the 6.8 million (249.9 million bushels) quota; above this quantity, an initial price is paid, with the final return (representing average export price) established at end of crop year and 4) subsidized feeding program to encourage livestock production and utilize low grades of wheat within the country.

Levy on As a step towards a single price to all producers (which will be
Wheat Producers required in the Common Market), there are only 3 prices this season, in accordance with the size of deliveries, compared with 4 prices last season and 9 in 1958-59. Furthermore, the single levy on small-scale deliveries now applies to the first 150 quintals (551 bushels) as against 50 quintals (184 bushels) last year, and has been tripled to 1 NF per quintal (5 cents per bushel). Above 150 quintals (551 bushels), there is an interim payment, with the final price to be determined at the end of the crop year in accordance with returns on exports. The actual prices to growers are 39 NF (\$2.12 per bushel) for deliveries up to 150 quintals (551 bushels), 35 NF (\$1.91 per bushel) for the next 151-600 quintals (552-2,205 bushels) and 33 NF (\$1.80 per bushel) over 600 quintals (2,205 bushels), compared with last season's range of 38 to 31 NF per quintal (\$2.07 to \$1.69 per bushel).

Subsidized Producers may take back for feeding on their farm up to 8 per cent
Feed Wheat of deliveries payable within the first 150 quintals (551 bushels) delivered. The price for this and other denatured wheat for feeding is 34.75 NF per quintal (\$1.89 per bushel) as against last season's price of 31 NF (\$1.69 per bushel). Over each of the past two crop years, some half million tons (18 million bushels) of wheat have been consumed under this program.

Milling New flexibility has been introduced. The present system of set
Regulations prices from grower through to retail will be replaced by ad hoc intervention to assure the official price to the grower.

- 1) Restrictions on milling will be gradually lifted so that by August 1963, millers may be able to operate fully;

- 2) end of transport control and price equalization arrangements for wheat and flour, beginning October 1, 1960;
- 3) removal of price control on bread, heretofore under a ceiling.

Durum Wheat While France has an export surplus of soft wheat, it remains deficit in durum. The French domestic crop, although rising over the past few years, is currently only 70,000 tons (2.6 million bushels) compared with consumption of 400,000-450,000 tons (14,697,000-16,534,000 bushels). North Africa is the traditional source of supply but of late Algeria has been barely able to cover its own needs and last season required substantial imports.

For the 1960-61 season, France has contracted for 85,000 tons (3,123,000 bushels) of durum from Morocco and 110,000 tons (4,042,000 bushels) from Tunisia, plus another 40,000 in the form of semolina. In addition, some 75,000 tons of semolina are expected from Algeria. More durum will be required, but the total is as yet uncertain. In the meantime, 30,000 tons (1,102,000 bushels) of Canadian Amber durum Grade 2 have been purchased to maintain the desired blend of quality wheat.

CALENDAR OF WHEAT EVENTS

- September 9 Based on conditions at September 1, production of all wheat in the United States in 1960 was estimated at 1,368 million bushels.
- 19 The preliminary protein map published by the Board of Grain Commissioners Laboratory shows an average of 14.5 per cent for the 1960 Prairie spring wheat crop.
- 21 According to a report received from Miss Vivian Wightman, Agricultural Attaché, Canadian Embassy, Paris, the September 1 official estimate of wheat production in France places the crop at 395.3 million bushels.
- 22 According to a report received from Mr. C.S. Bissett, Canadian Commercial Counsellor, Buenos Aires, official reports concede good to excellent conditions better than previously anticipated, in the thick of the wheat-growing regions of Argentina.
- 28 The Canadian Wheat Board announced the appointment of Mr. A.W. Cordon as its Far Eastern Representative. Pursuant to Mr. Cordon's appointment the Board is opening an office in Tokyo, Japan.
- 30 On the basis of yields indicated at September 15, Canada's 1960 wheat crop was forecast at 490.5 million bushels. Production of wheat in the Prairie Provinces was placed at 471.0 bushels.
- October 3 According to Foreign Crops and Markets, published by the Foreign Agricultural Service, U.S.D.A. Japan's 1960 rice crop is estimated at a record 12,910,000 metric tons of brown rice in a forecast of September 2 based on a survey as of August 15.
- Brazil is confronted with a wheat shortage during the rest of 1960 because of smaller than expected imports during the first half of the year and a poor crop - the third in succession - harvested last December-January.

THIRTY YEARS AGO

With this issue, the Wheat Review, formerly the Monthly Review of the Wheat Situation, has completed 30 years of continuous publication. The following are a few extracts from the first issue of September, 1930:

"The primary movement of this year's crop compares favourably with last year. The quantity received at the Western country elevators was 122,119,178 bushels, compared with 120,071,852 bushels for the same two months of the previous year."

In contrast to 1930, deliveries to Western country elevators in August-September 1960 amounted to 44,151,412 bushels.

"Revised visible supplies of Canadian wheat in Canada and the United States on September 26, 1930, were: 152,210,868 bushels, against 168,324,486 bushels for the same week last year."

The total visible supply of Canadian wheat at September 28, 1960 amounted to 437,330,687 bushels.

"A preliminary estimate of the world wheat crop is calculated to be 4,470,544,000 bushels for 1930-31."

The 1960-61 world wheat crop, according to preliminary estimates, is placed at 8,450 million bushels.

"The Canadian Trade Commissioner at Hamburg forwards an official estimate of the wheat crop in Soviet Russia, which is given at a total of 760,338,000 bushels, representing an increase of 66,120,000 bushels over the previous year."

According to the latest estimate of the Foreign Agricultural Service, U.S.D.A., the 1958 and 1959 wheat production in Russia was placed at some 2.3 and 1.9 billion bushels, respectively.

CANADIAN WHEAT* AND WHEAT FLOUR** EXPORTS

(SPECIFIED PERIODS)

MILLION BUSHELS

400 —

350 —

300 —

250 —

200 —

150 —

100 —

50 —

0

MILLION BUSHELS

400 —

350 —

300 —

250 —

200 —

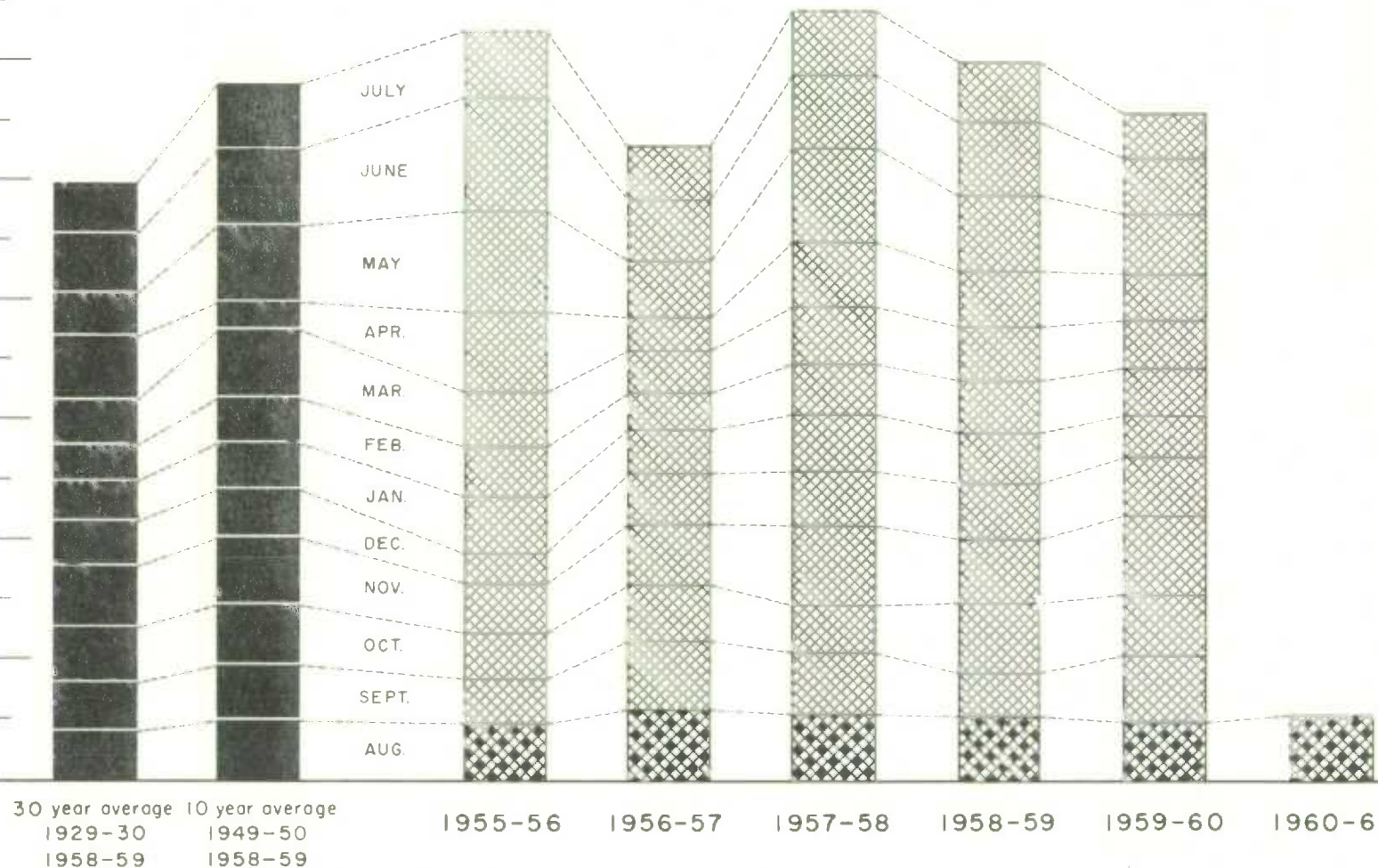
150 —

100 —

50 —

0

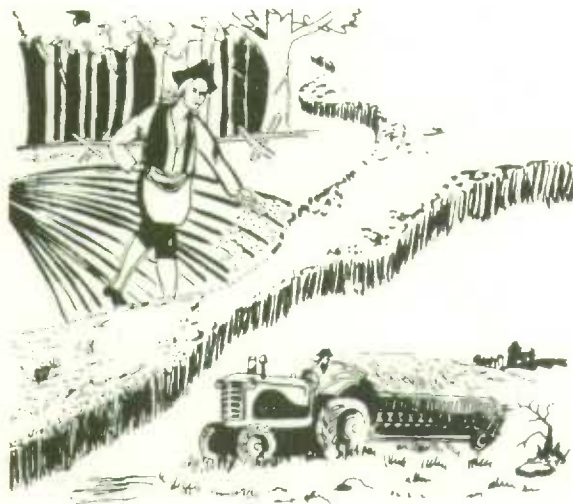
PEAK EXPORTS
1928-29 CROP YEAR
407.6 MILLION BUSHELS



*Includes bagged seed wheat. **In terms of grain equivalent.



Canadian Agriculture



YESTERDAY The Census of New France in 1667 recorded a population of 3,918 whites (668 families), having 11,448 arpents under cultivation with 3,107 cattle and 85 sheep.

TODAY The 1956 Census recorded a population of 16,080,791 and 3,711,500 families with 2,746,755 persons living on 575,015 farms having an area of 173,923,691 acres, and livestock population of 11,019,403 cattle, 784,018 horses, 4,732,799 pigs, 1,638,194 sheep and 73,160,368 poultry.

Statistics on farming were essential to determine the progress of the young colony. Today agriculture is a far-reaching and complex industry and there is constant need for statistical data on its many phases.

DBS conducts 5- and 10-year censuses of agriculture which provide a detailed picture of the development of the industry.

DBS publishes a wide range of current information on production, value and disposition of field and special crops, livestock, dairying, fur farms; and on farm cash and net income, farm wages and prices of agricultural products.

DBS data on agriculture are essential to planning in the industry and in many other fields and are used extensively by governments, farmers and farm organizations, food packers and processors, storage warehouses, wholesalers and retailers, transportation services, consumers, exporters and importers, manufacturers of farm implements and fertilizers, banks and other lending agencies.

A complete list of DBS publications is contained in the Catalogue of Current Publications. Write for a free copy to: Information Services Division, Dominion Bureau of Statistics.