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DOMINION BUREAU OF STATISTICS

Agriculture Division

Crops Section

OILSEEDS REVIEW

SEPTEMBER 1970

First Issue

Published by Authority of
The Minister of Industry Trade and Commerce

October 1970
5502-506

Price: 75 cents
\$3.00 a year

Vol. 1—No. 1



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WORLD FATS AND OILS SITUATION

World Sunflowerseed
Production Down Slightly
in 1969; Some Increase
Expected in 1970

The following extracts are taken from the July 31, 1970 issue of World Agricultural Production and Trade published by the Foreign Agricultural Service, United States Department of Agriculture. In calendar 1969 the world sunflowerseed harvest totalled 9.2 million metric tons, a decrease of 100,000 tons from the 1968 level and 152,000 tons below the 1967 record. Reduced yields and acreage in the Soviet Union as well as sharply reduced yields in Argentina, were largely offset by larger harvests in Eastern Europe due to further acreage expansion and higher yields mainly in Yugoslavia and Bulgaria. Turkey also harvested a substantially larger crop despite lower yields. Aggregate harvested acreage in 1969 is estimated to have increased nearly 5 per cent in 1969 from that in 1968, and exceeded the previous record of 1966 by 3 per cent.

Current prospects point to a strong likelihood of an above average increase in world sunflowerseed production this year — perhaps 6 per cent or more above the reduced 1969 harvest. Such an increase would result in a record harvest exceeding the 1967 harvest. Harvests in the first half of this year in Southern Hemisphere countries increased by 249,000 tons. Major expansions were in Argentina, Uruguay, and South Africa. In addition, increases are anticipated in Romania, Turkey, and the U.S.S.R.

Soviet sunflowerseed plantings were reportedly about the same as in 1969. Assumed yields of 1 to 2 per cent below the average trend would slightly exceed last year's low level. This takes account of the fact that there have been reports of excess moisture in the region adjoining Romania, which may affect yields in the Western Ukraine. Rainfall distribution in other sunflower producing regions reportedly has been favourable through May, although the most critical growing period is in July.

It is not believed that this year's sunflowerseed acreage was significantly affected by the flooding in Romania and the Southwestern Ukraine since this area was probably replanted. However, yields in these areas may be adversely affected.

Argentina's production increased sharply from the 1969 level, reflecting higher yields. The increase in output could result in oil exports of up to 100,000 tons this year compared with only 3,202 tons in 1969.

The annual rate of growth in world production of sunflowerseed during the 1960-69 period has been 5.9 per cent. Production in Soviet Union, which accounts for the bulk of the total, is growing at only 5.5 per cent annually, while countries outside Eastern Europe are expanding production at an annual rate of 6.8 per cent.

About three-fifths of the growth in world production since 1960 has reflected increasing yields, as was also the case in the Soviet Union. However, in Eastern Europe improvement in yields accounted for over 75 per cent of the growth in output while in the rapidly expanding producing countries outside Eastern Europe, increased yields accounted for less than one-half of the growth in output. Average yields in Eastern Europe have been substantially above all other producing areas.

World expansion in sunflowerseed plantings since 1960 has been at a relatively slow pace, 2.4 per cent annually, or somewhat above the 2.2 per cent growth in the Soviet Union. The growth in East European plantings was even less, only 1.5 per cent

annually. Plantings in all other countries increased by 3.5 per cent annually. This may reflect attempts by some oil deficit countries to become more self sufficient in edible vegetable oil production.

Interestingly, the annual (compound) growth rates in world exports of sunflowerseed and products for the same period (1960-69) far exceed the rate of growth in sunflowerseed production. On an oil equivalent basis, exports have grown by 22.5 per cent annually. The bulk of the increase has been from the Soviet Union and Eastern Europe which have expanded their exports faster than domestic consumption.

According to the best estimates available, sunflowerseed production in the United States in the major producing states increased to 92,300 metric tons compared with 87,000 tons in 1968. The 6 per cent increase in output was due to a sharp expansion in plantings, 222,000 acres compared with 191,000 in 1968, although yields declined. Despite the increase, plantings were below the 256,000 acres of 1967 on which 117,900 tons were produced. Spurred by the high prices of 1969-70 interest in producing sunflowerseed is expanding.

Prices for sunflowerseed oil, any origin, crude, ex-tank Rotterdam, during the first week of July continued exceptionally high—about 15.6 U.S. cents per pound, only slightly below the 16.0 averaged in May. This was the highest quoted price since February 1957 at 16.4 cents per pound. Sunflowerseed oil prices in early July reflected a 2.3 cents premium over soybean oil in Europe compared with an average premium of only 0.6 cent per pound during the 1960-69 period.

World Palm Oil
Continues Upward Trend

Palm oil production, having broken out of a long period of stagnation, is forecast at a record volume of 1.68 million metric tons. The indicated increase over 1969 is 216,000 tons compared with last year's increase of 119,000 tons. Palm oil production is expected to continue to escalate at an increasing rate during the 1970's. This expectation is based on widespread expansion in tree plantings in a number of equatorial countries, chiefly Malaysia. Several other countries which anticipate expanding their production are: Cameroon, Dahomey, Ivory Coast, Sierra Leone and Colombia.

Palm oil exports in 1969 increased to about 701,000 tons, 35,000 tons above that in 1968. Although 1969 exports were at a record level, they were less than anticipated because of an apparent sharp rise in retentions for domestic consumption and/or stocks in certain exporting countries, chiefly Nigeria.

If 1970 output expands as forecast, it is expected that the major share of the increase would move into export channels. Exports could approximate 850,000 tons, thus registering a 149,000 ton increase from the 1969 volume. The expected increase although large, will be less than the 171,000 ton gain registered in 1968 over the 1967 volume.

Exports from Malaysia in 1970 will dominate by an even wider margin although increased movements from Africa are also anticipated. Recovery in exports from Nigeria will be slow with the total volume not exceeding 50,000 tons.

Palm kernel production also from the same trees as palm oil — *Elaeis guineensis* — is expected to increase to about 937,000 tons — 104,000 above the 1969 volume. The rate and volume of expansion for palm kernel output will be less than those for palm oil because of the increasing impact of high yielding varieties in Malaysia. These produce a lower proportion of palm kernels to palm oil than traditional African varieties. A substantially larger proportion of the total palm kernel output moves into export channels — over 80 per cent — compared with less than 50 per cent of the palm oil.

Exports of palm kernels and oil, kernel basis, in 1970 are expected to increase to 760,000 tons — 83,000 above 1969 but slightly below the record volume of 799,000 tons in 1966. Most of the increase is expected from Nigeria, Sierra Leone, and Malaysia. Although Malaysia's exports of palm kernels and oil are less than 6 per cent of the world total her production accounts for nearly 11 per cent of the world output. This disparity reflects the fact that a large proportion — roughly one-half — of Malaysia's crop is retained domestically while most other primary producer-exporter countries export the bulk of their output.

Exports of palm kernel oil, as such on a kernel equivalent basis, were over 36 per cent of total exports in 1969, compared with only 15 per cent of the total in the 1962-66 period. This trend is expected to continue upward as minor producing countries expand output and in addition, build and expand their crushing facilities.

CANADIAN SITUATION

Marketings of Flaxseed and Rapeseed Above Previous Year Data recorded for the 1969-70 crop year, indicate that primary deliveries of flaxseed have amounted to 22.1 million bushels in contrast to the 15.3 million of the previous year and marketings of rapeseed, at 28.5 million registered a 62 per cent increase over the corresponding 1968-69 figure of 17.6 million.

Commercial Supplies Total visible supplies of Canadian flaxseed on September 2 this year, at 4.4 million bushels were almost double the comparable level of 2.3 million in 1969 and were 28 per cent above the 3.4 million in 1968. Most of the current total was accounted for by supplies in country elevators and the Lakehead. The 2.2 million bushels at country elevators were sharply above both the previous year's figure of 1.0 million and the 0.9 million of two years ago. Stocks of flaxseed in Thunder Bay, at 0.7 million were 55 per cent larger than in 1969 but decreased from the 1.2 million of 1968. Vancouver-New Westminster at 0.5 million registered a 19 per cent increase over the 0.4 million at the same date in 1969 but decreased by 19 per cent from two years ago. Rapeseed stocks at September 2 this year amounted to 3.8 million bushels with the bulk of this grain in country elevators (2.3 million), in Vancouver-New Westminster (0.8 million) and in transit rail, western division (0.4 million).

Domestic Market Crushings of the major oilseeds, flaxseed, rapeseed and soybeans in Canada during the 1969-70 crop year (August-July), have amounted to a total of 33.4 million bushels, 15 per cent above the 29.1 million of the previous crop year. Most of the current total is accounted for by crushings of some 23.7 million bushels of soybeans as compared with 20.1 million during the crop year 1968-69. Crushings of rapeseed at a record 7.8 million bushels, represent an increase of 12 per cent over the comparable 1968-69 figure of 6.9 million. Total flaxseed crushed in 1969-70 amounted to 2.5 million bushels, some 19 per cent more than last year's comparable total of 2.1 million. In addition, 0.7 million bushels of sunflower seed were crushed during 1969-70, 12 per cent below last year's total of 0.8 million.

1969-70 Exports of Flaxseed, Rapeseed and Soybeans Flaxseed exports during 1969-70 at 18.6 million bushels, were at the highest level since 1966-67 and 39 per cent above the 1968-69 crop year total of 13.4 million. Major markets for this oilseed in 1969-70 were: Japan with imports of 5.7 million bushels, Netherlands with 4.4 million, Britain with 2.9 million, Spain and Federal Republic of Germany with 1.2 million each, and Belgium and Luxembourg with 1.0 million. Clearances of Canadian rapeseed in the 1969-70 crop year reached an

all-time high of 22.2 million bushels, and were above the previous record of 14.3 million in 1968-69. The major markets for this commodity were Japan, 14.4 million bushels; the Netherlands, 2.8 million; the Federal Republic of Germany, 1.0 million; and Italy, 0.8 million. Customs exports of soybeans during the crop year 1969-70 at 1.1 million bushels were unchanged from the previous year's total. Britain with 1.0 million bushels accounted for 94 per cent of the crop year total.

Outlook for Oilseed Crops The 1970 flaxseed crop is currently forecast at a record 47.1 million bushels, some 71 per cent more than last year's revised outturn of 27.5 million and sharply above the ten-year (1959-68) average of 19.2 million. Acreage sown to this crop in 1970 is 44 per cent larger than that of last year and the average yield at 14.0 bushels per acre increased by 19 per cent. Rapeseed production in 1970 is forecast at a record 79.5 million bushels, sharply above both the revised 33.4 million of last year and the ten-year (1959-68) average of 14.6 million bushels. Acreage seeded to this crop was also at a record level and was 96 per cent larger than in 1969 and the average yield at a record 20.1 bushels per acre is 21 per cent more than the 1969 yield of 16.6 bushels. Record soybean acreage at 335,000 acres in 1970 increased by 4 per cent over last year's level of 322,000 acres and is 34 per cent larger than the 1959-68 average. The area sown to sunflower seed in 1970 at 61,000 acres represents an increase of 27 per cent over the 1969 level of 48,000 acres.

Delivery Quotas The Canadian Wheat Board in its Instructions to the Trade re Quotas (General) No. 1 under date of July 29, 1970 stated that the Board wishes to advise that all delivery quotas in effect in the 1969-70 crop year, including open quotas, supplementary quotas, special permits, etc., will automatically expire as at the close of business July 31, 1970. As indicated in Instructions to the Trade No. 38 issued May 1, 1970, there will not be a unit quota nor will there be a general specified acreage quota during the 1970-71 crop year as in previous years.

Effective on and after August 1, 1970, the Board's quota policy for the 1970-71 crop year will be as indicated below.

Flaxseed. - Effective August 1, at all delivery points within the designated area a quota of three (3) bushels per quota acre of flaxseed as shown in the individual producer's permit book.

All deliveries made under this quota must be properly recorded in the producer's permit book on Page 10 and as in the previous crop year, producers may deliver flaxseed within existing quotas to any delivery point selected by them at which elevator space for flaxseed is available.

Rapeseed. - Effective August 1, at all delivery points within the designated area a quota of three (3) bushels per quota acre of rapeseed as shown in the individual producer's permit book.

All deliveries made under this quota must be properly recorded in the producer's permit book on Page 11 and as in the previous crop year, producers may deliver rapeseed within existing quotas to any delivery point selected by them at which elevator space for rapeseed is available.

Re - Quotas Flaxseed and Rapeseed The Canadian Wheat Board in its Instructions to the Trade re Quotas Nos. 2 and 3 under date of August 21, 1970 stated that in order to provide Canadian Flaxseed Processing

Mills with adequate stocks to meet their crushing requirements an advance quota is authorized in respect of the delivery of flaxseed into the undernoted Processing Mills:

The Alberta Linseed Oil Co. Ltd.	Medicine Hat, Alberta
The Sherwin-Williams Co. of Canada Ltd.	Winnipeg, Manitoba
Saskatchewan Wheat Pool (Industrial Division - Oil Mill)	Saskatoon, Saskatchewan

Effective immediately producers delivering flaxseed to the above-named processing mills are authorized to deliver to a maximum of ten (10) bushels per quota acre of flaxseed as shown in the individual producer's permit book.

Any deliveries under this authorization must be reduced by any deliveries under the regular quotas authorized for flaxseed. Deliveries of flaxseed to other than the above-named flaxseed processing mills must be in accordance with the regular flaxseed quotas as announced from time to time.

Producers who deliver to the authorized maximum of ten (10) bushels per quota acre of flaxseed cannot make further deliveries of flaxseed to any source until the maximum quota applicable to Flaxseed Processing Mills has been increased by the Board.

In order to provide Canadian Rapeseed Processing Mills with adequate stocks to meet their crushing requirements, an advance quota is authorized in respect of the delivery of rapeseed into the undernoted Processing Mills:

Agra Vegetable Oil Products Ltd.	Nipawin, Saskatchewan
The Alberta Linseed Oil Co. Ltd.	Medicine Hat, Alberta
Co-op Vegetable Oils Ltd.	Altona, Manitoba
Saskatchewan Wheat Pool (Industrial Division - Oil Mill)	Saskatoon, Saskatchewan
Western Canadian Seed Processors Ltd.	Lethbridge, Alberta

Effective immediately producers delivering rapeseed to the above-named processing mills are authorized to deliver to a maximum of twelve (12) bushels per quota acre of rapeseed as shown in the individual producer's permit book.

Any deliveries under this authorization must be reduced by any deliveries under the regular quotas authorized for rapeseed. Deliveries of rapeseed to other than the above-named rapeseed processing mills must be in accordance with the regular rapeseed quotas as announced from time to time.

Producers who deliver to the authorized maximum of twelve (12) bushels per quota acre of rapeseed cannot make further deliveries of rapeseed to any source until the maximum quota applicable to rapeseed processing mills has been increased by the Board.

In its Instructions to the Trade No. 2 re Quotas - Rapeseed - under date of August 21, 1970, the Board stated further that effective immediately, at all delivery points within the designated area, the regular quota of three (3) bushels per quota acre of rapeseed as indicated in our Instructions to the Trade re Quotas (General) No. 1 of July 29, 1970, is hereby increased to five (5) bushels per quota acre of rapeseed as shown in the individual producer's permit book.

Oilseed Crushings in Canada, Crop Years 1958-59 — 1969-70

Item	Flaxseed	Rapeseed	Soybeans	Sunflower seed
<u>Quantity crushed</u> bushels				
1958-59	3,301,339	761,351	14,912,041	227,834
1959-60	2,606,670	225,632	17,080,212	257,415
1960-61	2,916,230	959,803	16,278,678	561,094
1961-62	2,464,829	1,313,750	16,916,471	204,463
1962-63	2,529,185	1,615,841	17,861,659	89,765
1963-64	2,752,279	1,574,065	18,605,840	488,101
1964-65	2,901,402	2,156,419	19,540,984	782,162
1965-66	2,630,729	3,745,507	20,653,645	453,514
1966-67	2,542,947	4,963,009	19,876,294	468,453
1967-68	2,266,312	5,159,104	19,846,112	813,368
1968-69	2,085,364	6,933,822	20,054,212	808,186
1969-70	2,489,564	7,768,008	23,678,894	707,598
<u>Oil produced</u> pounds				
1958-59	64,447,238	13,822,538	154,939,082	1,867,530
1959-60	51,098,597	4,112,870	184,309,833	2,077,420
1960-61	57,632,697	16,869,068	173,836,582	4,777,185
1961-62	47,918,330	24,340,311	176,821,397	1,843,934
1962-63	49,104,853	30,800,116	183,591,681	797,005
1963-64	53,173,265	30,759,353	192,654,904	4,669,683
1964-65	55,742,235	42,430,605	201,056,959	7,935,255
1965-66	51,387,759	73,384,109	205,295,970	4,790,847
1966-67	50,487,408	99,366,504	201,522,206	5,561,010
1967-68	44,946,101	103,470,711	198,999,327	9,966,861
1968-69	41,044,253	140,543,142	204,026,576	9,449,015
1969-70	47,963,333	153,042,127	240,564,281	8,583,260
<u>Oil meal produced</u> tons				
1958-59	57,248	11,388	352,912	1,047
1959-60	44,908	3,332	400,558	1,147
1960-61	50,513	14,950	380,558	2,721
1961-62	42,944	20,224	396,067	987
1962-63	43,140	24,094	418,526	458
1963-64	47,775	23,199	441,526	2,406
1964-65	50,882	31,465	464,888	4,324
1965-66	44,891	54,017	491,440	2,597
1966-67	43,677	70,838	474,365	2,697
1967-68	39,137	74,175	472,321	4,299
1968-69	35,822	98,207	476,328	4,575
1969-70	43,536	114,232	558,743	4,311

Stocks of Oilseeds and Products in Crushing Plants, Canada
July 31, 1958-70

Item	Flaxseed	Rapeseed	Soybeans	Sunflower seed
<u>Raw material</u>		bushels		
1958	158,004	—	1,732,108	532
1959	281,102	31,275	2,439,286	51,637
1960	116,807	4,806	2,537,449	65,301
1961	190,607	814	1,791,690	2,439
1962	102,140	138,324	1,055,920	12,642
1963	122,517	1,562	1,311,566	47
1964	238,732	66,090	1,532,789	379,731
1965	213,879	196,043	1,066,453	37,099
1966	238,227	217,069	1,867,102	48,081
1967	296,689	238,764	1,718,066	19,102
1968	90,532	353,431	1,680,862	325,689
1969	43,828	266,579	1,604,349	116,720
1970	167,332	158,790	1,544,717	141,679
<u>Oil</u>		pounds		
1958	2,254,340	969,128	10,690,026	184,755
1959	4,078,849	854,528	8,609,830	741,210
1960	5,282,569	76,875	7,131,786	4,800
1961	3,886,589	1,509,800	11,755,625	308,040
1962	5,412,508	5,944,257	9,816,644	532,620
1963	6,295,323	1,892,918	11,394,447	300,905
1964	4,399,326	1,610,553	9,838,194	184,230
1965	6,586,595	3,517,931	10,955,793	331,190
1966	7,615,342	4,354,657	13,472,862	321,960
1967	8,764,322	3,880,952	8,165,791	737,450
1968	6,077,512	2,804,467	7,851,957	451,100
1969	4,422,548	6,741,795	7,888,552	260,700
1970	3,362,267	1,991,226	8,111,017	1,224
<u>Oil meal</u>		tons		
1958	1,332	1,095	2,377	39
1959	1,175	840	5,570	35
1960	2,621	197	10,714	30
1961	2,738	474	8,286	1
1962	1,103	912	3,754	1
1963	997	1,050	5,434	—
1964	5,052	1,215	4,348	403
1965	247	626	11,489	255
1966	986	1,191	8,762	62
1967	3,365	1,270	768	307
1968	5,254	6,519	9,316	190
1969	3,310	732	12,747	26
1970	3,106	3,004	15,487	15

Farmers' Marketings
of Flaxseed and Rapeseed

Marketings of flaxseed and rapeseed in the Prairie Provinces during the 1969-70 crop year were higher than the comparable deliveries of the previous year.

Deliveries of flaxseed amounted to 22.1 million bushels, 44 per cent above the 1968-69 comparable total of 15.3 million and 37 per cent more than the 10-year average for the period of 16.1 million bushels. Rapeseed marketings, at 28.5 million bushels, were 62 per cent higher than the 17.6 million of the previous season and more than double the recent ten-year average for the period of 11.1 million bushels.

Farmers' Marketings of Flaxseed and Rapeseed in the Prairie Provinces
1969-70 with Comparisons

Period or week ending	Flaxseed(1)			
	Man.	Sask.	Alta.	Total
	thousand bushels			
August 1, 1969 - May 20, 1970	7,165	7,036	4,244	18,445
27	112	137	21	270
June 3	71	107	28	205
10	28	157	50	236
17	81	103	85	269
24	105	180	117	402
30	115	186	98	399
July 8	118	127	84	329
15	125	194	93	412
22	129	199	104	432
31	247	376	97	720
Totals	8,296	8,802	5,021	22,119
1968-69 crop year ^r	8,431	3,696	3,181	15,309
10-year average 1958-59-1967-68	6,689	5,502	3,915	16,105
	Rapeseed(2)			
August 1, 1969 - May 20, 1970	2,810	14,368	9,051	26,229
27	26	210	84	320
June 3	20	126	108	254
10	2	109	79	190
17	44	120	119	283
24	18	96	76	191
30	9	70	97	176
July 8	16	135	42	192
15	10	45	43	97
22	11	106	41	158
31	28	262	136	426
Totals	2,995	15,644	9,876	28,515
1968-69 crop year ^r	1,682	8,931	6,963	17,576
10-year average 1958-59-1967-68	906	5,527	4,635	11,068

(1) Includes receipts at country, interior private and mill, interior semi-public terminal elevators and platform loadings.

(2) Includes receipts at country and mill elevators.

^r Revised figures.

Marketings of Ontario Soybeans Marketings of Ontario soybeans during the crop year 1969-70 amounted to 6.9 million bushels, 22 per cent less than the comparable 1968-69 total of 8.9 million but 10 per cent above the ten-year (1958-59 - 1967-68) average of 6.3 million. Following the pattern of the previous years the heaviest marketings of this oilseed occurred in the months of October and November.

Marketings of Soybeans in Ontario (1) 1969-70 with Comparisons

Month	10-year average 1958-59-1967-68	1968-69	1969-70
bushels			
August	50,419	134,799	41,090
September	129,033	199,637	60,185
October	2,721,083	3,590,974	2,079,036
November	1,017,643	1,570,722	1,255,300
December	380,585	464,529	522,027
January	341,633	823,793	408,309
February	293,673	599,976	735,757
March	247,645	451,436	434,725
April	338,572	364,762	398,855
May	326,119	289,140	384,749
June	290,609	166,151	402,193
July	157,819	207,289	185,283
Totals	6,294,833	8,863,208	6,907,509

(1) Ontario Soybean Marketing Board.

Visible Supply of Canadian and United States Soybeans at Eastern Elevators
September 2, 1970 Compared with Approximately the Same Date 1968 and 1969

Position	1968	1969	1970
thousand bushels			
<u>Canadian</u>			
Sarnia	28	1	-
Toronto	6	60	44
Montreal	91	-	-
Sub-totals	125	61	44
<u>United States</u>			
Toronto	-	72	-
Montreal	24	-	86
Trois Rivières	265	382	695
Quebec	-	-	17
Baie Comeau	-	86	514
Port Cartier	66	-	168
Sub-totals	355	540	1,480
Totals	480	601	1,524

Visible Supply of Canadian Flaxseed, September 2, 1970 Compared with
Approximately the Same Date 1968 and 1969

Position	1968	1969	1970
	thousand bushels		
Country elevators — Manitoba	254	103	409
Saskatchewan	396	492	1,153
Alberta	285	454	608
Sub-totals	935	1,049	2,170
Interior private and mill	1	36	76
Interior terminals	—	1	—
Vancouver-New Westminster	613	418	497
Thunder Bay	1,193	457	719
In transit rail (western division)	242	314	455
Bay, Lake and Upper St. Lawrence ports .	7	1	13
Lower St. Lawrence and Maritime ports ..	454	—	349
In transit lake	—	6	129
Totals	3,445	2,282	4,408

Visible Supply of Canadian Rapeseed, September 2, 1970 Compared with
Approximately the Same Date 1968 and 1969

Position	1968	1969	1970
	thousand bushels		
Country elevators — Manitoba	424	104	172
Saskatchewan	1,896	1,093	1,449
Alberta	1,358	510	698
Sub-totals	3,678	1,707	2,319
Interior private and mill	260	195	120
Interior terminals	1	1	2
Vancouver-New Westminster	2,471	742	836
Thunder Bay	123	74	145
In transit rail (western division)	305	749	414
Lower St. Lawrence and Maritime ports .	39	51	—
Totals	6,877	3,519	3,836

Grading of Flaxseed and Rapeseed 1969-70

Cars of flaxseed inspected by the Board of Grain Commissioners for Canada during the 1969-70 crop year amounted to 12,833 cars, in sharp contrast to the 8,428 cars of this oilseed inspected during the 1968-69 crop year. Some 70.1 per cent of the August 1969-July 1970 inspections of flaxseed graded No. 1 C.W. compared with 57.0 per cent for the comparable period a year ago.

Cars of rapeseed inspected during the August-July 1969-70 crop year, at 12,953 cars were 73 per cent above the 7,282 cars of this oilseed inspected the previous crop year. The 92.9 per cent of the August 1969-July 1970 rapeseed inspections which were graded No. 1 Canada represents an increase over the 90.9 per cent falling into this category in 1968-69.

Gradings of Flaxseed and Rapeseed Inspected(1),
August-July 1969-70 with Comparisons

Grain and grade	Crop year		August-July			
	Average 1963-64 — 1967-68 per cent	1968-69		1969-70		
		cars	per cent	cars	per cent	
<u>Flaxseed</u>						
1 C.W.	88.6	4,802	57.0	8,999	70.1	
2 C.W.	1.7	395	4.7	472	3.7	
3 C.W.	0.7	92	1.1	151	1.2	
4 C.W.	0.1	14	0.2	26	0.2	
Tough (2) (3)	7.2	2,274	27.0	2,736	21.3	
Damp (2) (4)	0.4	836	9.9	257	2.0	
Rejected (2)	0.6	9	0.1	120	0.9	
All others	0.7	6	0.1	72	0.6	
Totals	100.0	8,428	100.0	12,833	100.0	
Bushel equivalent (approximately)		16,359,000		24,910,000		
<u>Rapeseed</u>						
1 Canada		6,616	90.9	12,037	92.9	
2 Canada		320	4.4	353	2.7	
3 Canada		63	0.9	107	0.8	
Others		283	3.9	456	3.5	
Totals		7,282	100.0	12,953	100.0	
Bushel equivalent (approximately)		15,838,000		27,762,000		

(1) Both old and new crop.

(2) All grades.

(3) Moisture content 10.6 per cent to 13.5 per cent.

(4) Moisture content over 13.6 per cent.

(5) Less than .05 per cent.

Lake Shipments from Thunder Bay Total shipments of flaxseed and rapeseed out of Lakehead terminals from the opening of navigation to July 31, 1970 amounted to 9.5 million bushels, more than double the 4.7 million at the comparable date in 1969. The season of navigation opened on April 8, 1970 while the 1969 season opened on April 11. Shipments of flaxseed at 6.5 million and rapeseed, at 3.0 million bushels accounted for 68 per cent and 32 per cent, respectively, of the 1970 total.

Lake Shipments of Canadian Oilseeds from the Opening of Navigation to July 31, 1970 and to Approximately the Same Date 1959 to 1969

Year	Flaxseed	Rapeseed	Total
	bushels		
1959	3,322,256		3,322,256
1960	3,694,017		3,694,017
1961	3,076,330		3,076,330
1962	2,941,704		2,941,704
1963	3,189,350		3,189,350
1964	4,474,998		4,474,978
1965	4,981,162	559,497	5,540,659
1966	6,644,996	555,123	7,200,119
1967	4,634,073	815,809	5,449,882
1968(1)	2,929,756	255,423	3,185,179
1969	3,891,114	760,247	4,651,361
1970	6,465,077	2,988,578	9,453,655

(1) Reports indicate that no oilseeds moved down the Great Lakes from July 18 to July 31, 1968, due to the Lakehead strike.

Rail Shipments from Thunder Bay Rail movement of flaxseed and rapeseed from the Lakehead during the 1969-70 crop year amounted to 2.2 million bushels, 33 per cent more than the 1.6 million shipped during the 1968-69 crop year. The bulk of the shipments consisted of 1.8 million bushels of flaxseed compared with 1.6 million the previous year.

Rail Shipments from Thunder Bay

Month	1968-69			1969-70		
	Flaxseed	Rapeseed	Total	Flaxseed	Rapeseed	Total
	bushels					
August	-	-	-	86,886	-	86,886
September	-	-	-	60,931	13,207	74,138
October	-	-	-	15,732	17,681	33,413
November	-	-	-	99,715	34,334	134,049
December	49,454	-	49,454	434,260	17,891	452,151
January	711,062	2,593	713,655	333,902	188,250	522,152
February	496,074	-	496,074	264,032	-	264,032
March	78,598	-	78,598	70,772	-	70,772
April	74,766	-	74,766	117,860	31,003	148,863
May	65,665	-	65,665	113,894	39,552	153,446
June	104,514	-	104,514	52,960	39,784	92,744
July	31,535	19,642	51,177	117,866	17,730	135,596
Totals	1,611,668	22,235	1,633,903	1,768,810	399,432	2,168,242

FARMERS' MARKETINGS OF FLAXSEED, PRAIRIE PROVINCES

(SPECIFIED PERIODS)

MILLION BUSHELLS

30 —

MILLION BUSHELLS

30 —

25 —

25 —

20 —

20 —

15 —

15 —

10 —

10 —

5 —

5 —

0 —

0 —

30 year average

10 year average

1965-66

1966-67

1967-68

1968-69

1969-70

1970-71

1939-40
1968-69

1959-60
1968-69

AUG.
SEPT.
OCT.
NOV.
DEC.
JAN.
FEB.
MAR.
APR.
MAY
JUNE
JULY

EXPORTS OF CANADIAN FLAXSEED

(SPECIFIED PERIODS)

MILLION BUSHELS

25 —

MILLION BUSHELS

— 25

20 —

— 20

15 —

— 15

10 —

— 10

5 —

— 5

0

0

30 year average
1939-40
1968-69

10 year average
1959-60
1968-69

1965-66

1966-67

1967-68

1968-69

1969-70

1970-71

JULY
JUNE
MAY
APR.
MAR.
FEB.
JAN.
DEC.
NOV.
OCT.
SEPT.
AUG.

FARMERS' MARKETINGS OF RAPESEED, PRAIRIE PROVINCES

(SPECIFIED PERIODS)

MILLION BUSHELS

40 —

35 —

30 —

25 —

20 —

15 —

10 —

5 —

0

MILLION BUSHELS

40 —

35 —

30 —

25 —

20 —

15 —

10 —

5 —

0

12 year average

1957-58
1968-69

10 year average

1959-60
1968-69

1965-66

1966-67

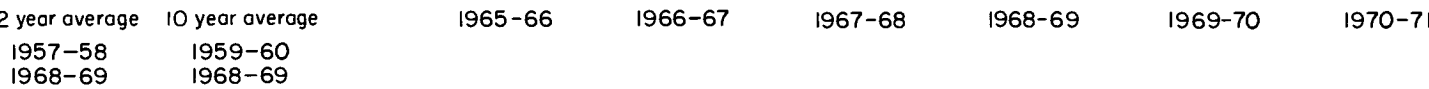
1967-68

1968-69

1969-70

1970-71

AUG.
SEPT.
OCT.
NOV.
DEC.
JAN.
FEB.
MAY
JUNE
JULY



EXPORTS OF CANADIAN RAPESEED

(SPECIFIED PERIODS)

MILLION BUSHELS

35 —

MILLION BUSHELS

35 —

30 —

30 —

25 —

25 —

20 —

20 —

15 —

15 —

10 —

10 —

5 —

5 —

0

0

22 year average

10 year average

1965-66

1966-67

1967-68

1968-69

1969-70

1970-71

1947-48
1968-69

1959-60
1968-69

JULY
JUNE
M.
APR.
M.
FEB.
JAN.
DEC.
NOV.
OCT.
SEPT.
AUG.

August Forecast
of the 1970 Production
of Canada's Principal
Grain Crops

At August 15, the date on which this forecast is based, swathing was becoming general and the fall rye harvest was well under way. Although the maturity of crops was delayed in some areas, the hot weather during August brought these crops to a more uniform stage of ripening

and maturity is now nearly normal for this time of year. This has lessened the danger of serious damage from early frosts.

August Forecast of the 1970 Production of Principal Grain Crops
Canada and Prairie Provinces, compared with 1969

Province and crop	Area		Yield per acre		Production	
	1969	1970(1)	1969	1970(1)	1969	1970(1)
	acres		bushels			
<u>CANADA</u>						
Winter wheat	360,000	355,000	39.8	45.0	14,328,000	15,975,000
Spring wheat(2)	24,607,700	12,129,000	27.2	26.6	669,948,000	322,365,000
All wheat	24,967,700	12,484,000	27.4	27.1	684,276,000	338,340,000
Oats for grain ..	7,655,000	7,279,000	48.5	51.6	371,387,000	375,796,000
Barley	9,535,100	10,042,900	39.7	42.2	378,383,000	424,021,000
Fall rye	821,300	875,700	17.7	23.5	14,535,000	20,573,000
Spring rye	106,000	139,000	18.5	20.7	1,958,000	2,872,000
All rye	927,300	1,014,700	17.8	23.1	16,493,000	23,445,000
Mixed grains	1,740,300	1,939,800	50.2	52.1	87,346,000	101,025,000
Flaxseed	2,340,700 ^r	3,368,300 ^r	11.8 ^r	14.0	27,548,000 ^r	47,077,000
Rapeseed	2,012,000	3,950,000	16.6 ^r	20.1	33,400,000 ^r	79,500,000
Mustard seed	267,000	180,000	19.3	N.A.	5,160,000	N.A.
<u>PRAIRIE PROVINCES</u>						
Wheat(2)	24,400,000	12,000,000	27.3	26.6	665,000,000	318,800,000
Oats	5,630,000	5,390,000	49.4	52.7	278,000,000	284,000,000
Barley	9,000,000	9,500,000	39.4	41.9	355,000,000	398,000,000
Rye	859,000	944,000	17.1	22.5	14,658,000	21,247,000
Flaxseed	2,320,000 ^r	3,350,000	11.8 ^r	14.0	27,300,000 ^r	46,800,000
Rapeseed	2,012,000	3,950,000	16.6 ^r	20.1	33,400,000 ^r	79,500,000

(1) As indicated on basis of conditions on or about August 15.

(2) Includes durum wheat.

r Revised figures.

N.A. Not available.

Canada's 1970 wheat crop, currently forecast at 338.3 million bushels is 51 per cent smaller than last year's 684.3 million, and 42 per cent below the ten-year (1959-68) average of 585.6 million. The lower production results mainly from a 51 per cent reduction in this year's seeded acreage in the Prairie Provinces. The average yield decreased slightly from 27.4 bushels in 1969 to 27.1 bushels per acre this year, but is well above the 1959-68 average of 21.2 bushels per acre.

Production of oats in 1970 forecast at 375.8 million bushels, represents an increase of one per cent from last year's total of 371.4 million and a slight increase from the ten-year (1959-68) average of 375.4 million. The average yield for the 1970 Canada oat crop is estimated at a record 51.6 bushels per acre compared with last year's 48.5 bushels. The 1970 barley crop is forecast at a record 424.0 million bushels, some 12 per cent higher than last year's 378.4 million and 95 per cent above the ten-year average of 217.1 million bushels. The average yield for the 1970 barley crop is estimated at a record 42.2 bushels per acre compared with 39.7 bushels in 1969.

Production of rye, forecast at 23.4 million bushels is 42 per cent above last year's outturn of 16.5 and well above the ten-year (1959-68) average of 12.4 million bushels. Some 20.6 million bushels of this year's crop is fall rye which averaged 23.5 bushels per acre, while the spring rye crop is forecast at 2.9 million bushels, averaging a record 20.7 bushels per acre. Canada's 1970 crop of mixed grains is forecast at a record 101.0 million bushels compared with last year's 87.3 million and the ten-year (1959-68) average of 72.1 million bushels. Average yields increased from 50.2 bushels in 1969 to a record 52.1 bushels per acre in 1970.

This year's flaxseed crop currently forecast at a record 47.1 million bushels will be some 71 per cent higher than last year's revised outturn of 27.5 million. The increase in production results from the combined effect of an increase of 44 per cent in seeded acreage and a 19 per cent increase in average yield. Production of rapeseed is placed at a record 79.5 million bushels in 1970, as compared with the revised 33.4 million bushels produced in 1969. Acreage seeded this year increased 96 per cent from the 1969 level and average yields at a record 20.1 bushels per acre are some 21 per cent above last year's revised average of 16.6 bushels. The 1970 preliminary acreage estimate of mustard seed is 180,000 acres, 33 per cent below the 1969 figure of 267,000 acres.

Carryover of Canadian
Flaxseed and Rapeseed

Carryover stocks of Canadian flaxseed at July 31, 1970 were estimated at 5.8 million bushels, 18 per cent more than the previous year's 4.9 million but 27 per cent below the 5-year (1965-69) average figure of 7.9 million. July-end carryover stocks of rapeseed, at 3.7 million bushels decreased by 28 per cent from both the July 31, 1969 total and the 5-year average of 5.1 million.

Carryover of Canadian Flaxseed and Rapeseed, July 31, 1965-70

Year	Flaxseed	Rapeseed
	bushels	
1965	7,141,165	1,317,646
1966	11,141,301	3,148,303
1967	11,830,585	5,827,190
1968	4,678,047	9,923,480
1969	4,908,606	5,069,084
5-year average 1965-69	7,939,941	5,057,141
1970 ^P	5,813,000	3,660,000

^P Preliminary figures.

Stocks on Farms Farm-held stocks of the six major grains in Canada at July 31, 1970 amounted to 793.2 million bushels, some 30 per cent above last year's total of 611.7 million due to sharp increases in wheat and oats which more than offset decreases in barley, rye, flaxseed and rapeseed. This year's stocks on farms at July 31 in millions of bushels, with last year's totals in brackets, were estimated as follows: wheat, 542.7 (372.2); oats, 123.0 (94.5); barley, 122.0 (138.5); rye, 4.7 (5.0); flaxseed, 0.6 (0.8); and rapeseed, 0.2 (0.7).

Data for farm stocks estimates were obtained from the Dominion Bureau of Statistics' annual July 31 survey as modified by available disposition information. In addition, in the Prairie Provinces, a special stocks survey was conducted in conjunction with the annual June acreage survey and the results from this survey were taken into account in establishing farm stocks at July 31. It should be emphasized that estimates of stocks of farm-held grain include not only marketable grain but also reserves for feed, seed and other purposes.

Estimated Farm Stocks of Grain in Canada, July 31, 1970 and 1969

Province	Wheat	Oats	Barley	Rye	Flaxseed	Rapeseed
	thousand bushels					
Prince Edward Island	15	400	300	—	—	—
Nova Scotia	15	200	100	—	—	—
New Brunswick	20	300	100	—	—	—
Quebec	310	7,100	1,000	—	—	—
Ontario	2,000	8,200	4,000	—	—	—
Manitoba	40,000	30,000	9,000	700	150	25
Saskatchewan	400,000	40,000	32,000	3,200	300	75
Alberta	100,000	36,000	74,000	800	150	50
British Columbia	340	800	1,500	—	—	—
Totals, July 31, 1970(1)	542,700	123,000	122,000	4,700	600	150
Totals, July 31, 1969	372,200	94,500	138,500	5,000	800	700

Since the bulk of farm stocks of grain is held in Western Canada, stocks in the Prairie Provinces have been segregated from the above table for ease in comparison with last year's totals.

Estimated Farm Stocks in the Prairie Provinces, July 31, 1970 and 1969

Province	Wheat	Oats	Barley	Rye	Flaxseed	Rapeseed
	thousand bushels					
Manitoba	40,000	30,000	9,000	700	150	25
Saskatchewan	400,000	40,000	32,000	3,200	300	75
Alberta	100,000	36,000	74,000	800	150	50
Totals, July 31, 1970(1)	540,000	106,000	115,000	4,700	600	150
Totals, July 31, 1969	370,000	80,000	134,000	5,000	800	700

(1) Subject to revision.

Supplies and Disposition
of Flaxseed and Rapeseed

Total supplies of Canadian flaxseed and rapeseed increased by 32 per cent in 1969-70, due to higher levels in production of flaxseed and rapeseed and carryover stocks of flaxseed, which more than offset a smaller rapeseed carryover.

Supply and Disposition of Canadian Flaxseed, 1967-68 - 1969-70
and Estimated Supply, 1970-71
(Crop Years August 1-July 31)

Item	1967-68	1968-69	1969-70	1970-71 ^P
bushels				
Stocks at commencement of crop year -				
On farms	1,500,000	600,000	800,000	600,000
Country elevators	3,121,861	1,187,592	1,496,914	2,719,000
Interior private and mill elevators	23,794	12,509	28,804	29,000
Interior terminal elevators	336	328	742	-
Vancouver - New Westminster	1,369,755	726,914	730,396	456,000
Victoria - Prince Rupert	-	-	44	-
Thunder Bay	3,660,623	1,192,998	1,192,014	992,000
In transit rail, western division	1,031,998	223,802	466,462	521,000
In transit lake	197,683	-	158,497	84,000
Eastern elevators	924,535	733,904	34,733	412,000
Totals, in store July 31	11,830,585	4,678,047	4,908,606	5,813,000
Production	9,378,000	19,666,000	27,548,000	47,077,000
Imports	1,138	4,925	6,664	N.A.
Totals, supplies	21,209,723	24,348,972	32,463,270	52,890,000
Exports	12,610,558	13,421,430	18,610,818	
Consumed in Canada -				
Human food	1,400	1,000	1,000	
Seed requirements	916,000	1,577,000	2,114,000	
Industrial use(1)	2,266,312	2,085,364	2,489,564	
Loss in handling(2)	47,000	232,000	N.A.	
Animal feed, waste and dockage(3)	690,406	2,123,572	3,434,888	
Totals, domestic use	3,921,118	6,018,936	8,039,452	
Stocks at end of crop year -				
Totals, in store July 31	4,678,047	4,908,606	5,813,000	
Totals, disposition	21,209,723	24,348,972	32,463,270	

(1) Crushings, includes seed crushed for subsequent export as oil and oil meal.

(2) Includes drying loss, outturn loss (lake and rail), fire loss and storage loss, etc. (3) Residual after estimating for other uses. ^P Preliminary figures.

N.A. Not available.

Total domestic supplies of flaxseed in 1969-70, at 32.5 million bushels, were 34 per cent above the 24.3 million the previous year reflecting increases in production and carryover stocks. Exports of Canadian flaxseed totalled 18.6 million bushels during 1969-70, an increase of 39 per cent over the 13.4 million of the previous year. However, the effect of larger supplies more than offset the increased disappearance into domestic and export channels and, as a result, year-end stocks increased from 4.9 million bushels in 1969 to 5.8 million at July 31, 1970.

Supply and Disposition of Canadian Rapeseed, 1967-68 - 1969-70
and Estimated Supply, 1970-71
(Crop Years August 1-July 31)

Item	1967-68	1968-69	1969-70	1970-71 ^P
	bushels			
Stocks at commencement of crop year -				
On farms	969,000	2,434,000	700,000	150,000
Country elevators	2,931,785	4,302,400	2,513,136	1,149,000
Interior private and mill elevators	209,396	324,118	281,123	134,000
Interior terminal elevators	2,048	1,053	1,053	14,000
Vancouver - New Westminster	800,295	1,761,981	922,040	1,506,000
Victoria - Prince Rupert	-	235	392	-
Thunder Bay	94,500	122,699	99,899	270,000
In transit rail, western division	820,166	928,016	480,356	435,000
Eastern elevators	-	48,978	71,085	2,000
Totals, in store July 31	5,827,190	9,923,480	5,069,084	3,660,000
Production	24,700,000	19,400,000	33,400,000	79,500,000
Totals, supplies	30,527,190	29,323,480	38,469,084	83,160,000
Exports	12,308,678	14,311,194	22,212,620	
Consumed in Canada -				
Seed requirements	162,000	326,000	599,000	
Industrial use(1)	5,159,104	6,933,822	7,768,008	
Loss in handling(2)	2,000	1,000	N.A.	
Animal feed, waste and dockage(3)	2,971,928	2,682,380	4,229,456	
Totals, domestic use	8,295,032	9,943,202	12,596,464	
Stocks at end of crop year -				
Totals, in store July 31	9,923,480	5,069,084	3,660,000	
Totals, disposition	30,527,190	29,323,480	38,469,084	

(1) Crushings, includes seed crushed for subsequent export as oil and oil meal.

(2) Includes drying loss, outturn loss (lake and rail), fire loss and storage loss, etc.

(3) Residual after estimating for other uses.

P Preliminary figures.

N.A. Not available.

Total domestic supplies of rapeseed in the 1969-70 crop year, amounted to 38.5 million bushels, 31 per cent above the 29.3 million in 1968-69, reflecting a 40 per cent increase in production, which more than offset a decrease in carryover stocks. Exports of Canadian rapeseed totalled 22.2 million bushels during 1969-70, some 55 per cent larger than the previous year's figure of 14.3 million. Domestic disappearance also increased from 9.9 million bushels in 1968-69 to 12.6 million in 1969-70 and, as a result, the year-end stocks declined from 5.1 million bushels in 1968-69 to 3.7 million at July 31, 1970.

Flaxseed — Selected Statistics, 1966-67 — 1969-70

	Crop year			
	1966-67	1967-68	1968-69	1969-70
bushels				
<u>Flaxseed</u>				
Stocks at beginning of crop year	11,141,301	11,830,585	4,678,047	4,908,606
Production	22,020,000	9,378,000	19,666,000	27,548,000
Imports	1,746	1,138	4,925	6,664
Exports	16,568,065	12,610,558	13,421,430	18,610,818
Domestic crushing	2,542,947	2,266,312	2,085,364	2,489,564
cents and eighths per bushel				
<u>Prices(1)</u>				
August	300/7	348/3	346/6	319/2
September	299/2	345	339/6	322/1
October	292	332/7	332	322/6
November	290/5	345	321/5	305/5
December	293/2	345/1	316/1	276/1
January	293/5	348/5	327/7	280/5
February	295/6	348/6	330/4	284
March	299/6	342/4	325/4	277/6
April	301/5	332	327/6	276/4
May	296/5	354/3	329/3	278
June	304/4	350	327/1	281/7
July	335/2	354/6	343/5	280
Yearly average	300/2	345/5	330/6	292
pounds				
<u>Flaxseed oil</u>				
Exports	10,116,500	21,986,300	10,865,400	21,279,500
Domestic production	50,487,408	44,946,101	41,044,253	47,963,333
tons				
<u>Flaxseed meal</u>				
Exports	14,373	6,990	5,929	6,500
Domestic production	43,677	39,137	35,822	43,536

(1) Winnipeg Grain Exchange No. 1 C.W. Flaxseed, basis Thunder Bay.

Rapeseed — Selected Statistics, 1966-67 — 1969-70

	Crop year			
	1966-67	1967-68	1968-69	1969-70
bushels				
<u>Rapeseed</u>				
Stocks at beginning of crop year	3,148,303	5,827,190	9,923,480	5,069,084
Production	25,800,000	24,700,000	19,400,000	33,400,000
Exports	13,817,739	12,308,678	14,311,194	22,212,620
Domestic crushing	4,963,009	5,159,104	6,933,822	7,768,008
cents and eighths per bushel				
<u>Prices(1)</u>				
August	289/5	258	209/1	204/5
September	274/6	238	214/6	220/6
October	265/5	231/4	208/3	262/7
November	271	232/1	215/4	282/3
December	285/6	235/7	227/2	285/5
January	280/6	233/1	234/7	325/4
February	284/3	231/2	244/5	313/6
March	294/4	224/2	231/2	271/5
April	280/5	212/6	226/6	279/1
May	273/3	213/2	219	290/7
June	269/3	210/3	215	303/5
July	271/1	201/2	217/6	283/5
Yearly average	278/3	226/6	221/7	277
pounds				
<u>Rapeseed oil</u>				
Domestic production	99,366,504	103,470,711	140,543,142	153,042,127
tons				
<u>Rapeseed meal</u>				
Exports	127	N.A.	N.A.	N.A.
Domestic production	70,838	74,175	98,207	114,232

(1) Winnipeg Grain Exchange No. 1 Canada Rapeseed, basis in store Vancouver.
N.A. — Not available.

Soybeans — Selected Statistics, 1966-67 — 1969-70

	Crop year			
	1966-67	1967-68	1968-69	1969-70
bushels				
<u>Soybeans</u>				
Production	9,012,000	8,091,000	9,027,000	7,664,000
Imports	16,294,633	13,328,316	12,469,497	17,429,968
Exports	3,599,042	1,570,763	1,122,895	1,111,412
Domestic crushing	19,876,294	19,846,111	20,054,212	23,678,894
cents and eighths per bushel				
<u>Prices(1)</u>				
August	339/2	297/3	270/4	267/1
September	325/3	295	261/5	249
October	310/4	287/6	248/7	245/5
November	305/5	276/6	254/7	246/6
December	303	271/5	257/6	245/3
January	296/6	273/6	260/4	251/4
February	295/1	276/5	261/2	257/5
March	298/5	276/3	260	262/2
April	298/4	272/3	264/7	268/1
May	300/4	272/1	267/2	273/5
June	304/5	269/1	264/3	279/1
July	300/2	269/5	270/3	288/5
Yearly average	306/7	278/4	261/7	261/2
pounds				
<u>Soybean oil</u>				
Imports	20,372,400	20,941,700	25,651,900	38,566,900
Exports	34,624,000	30,291,500	32,090,600	45,714,700
Domestic production	201,522,206	198,999,327	204,026,576	240,564,281
tons				
<u>Soybean meal</u>				
Imports	228,429	237,107	246,826	266,009
Exports	170,391	169,321	131,235	165,482
Domestic production	474,365	472,321	476,328	558,743

(1) Buying prices, carlots, f.o.b. Chatham, No. 2 and better.

Monthly Prices of Oils and Meals(1) Crop Years 1967-68 - 1969-70

Year and month	Linseed oil	Rapeseed oil	Soybean oil	Linseed meal(2)	Rapeseed meal	Soybean meal
	cents per pound			dollars per ton		
<u>1967-68</u>						
August	14.78	10.07	11.87	117.20	66.95	106.00
September	14.55	9.57	11.78	117.80	68.90	108.60
October	13.78	9.17	11.42	118.00	63.43	107.80
November	14.55	8.93	11.13	118.00	63.83	101.40
December	14.44	8.95	11.20	118.00	63.95	102.20
January	14.44	8.89	11.06	118.40	65.27	104.20
February	14.22	8.92	11.45	118.40	65.95	104.60
March	13.89	9.09	11.35	118.40	65.43	103.80
April	13.00	8.69	10.86	118.80	65.05	104.80
May	14.55	8.68	10.60	119.00	64.08	104.80
June	14.11	8.52	9.72	119.00	63.32	110.60
July	14.33	8.17	9.30	119.00	61.33	112.20
Yearly average	14.22	8.97	10.98	118.33	64.79	105.92
<u>1968-69</u>						
August	13.89	7.93	9.26	117.20	60.00	115.80
September	13.78	7.97	9.01	117.80	63.73	117.80
October	13.67	7.90	8.84	118.00	64.15	110.80
November	13.22	8.04	9.61	118.00	62.07	104.40
December	13.44	8.66	10.37	118.00	59.40	104.00
January	13.89	8.94	10.05	118.40	58.83	102.60
February	13.67	8.93	9.97	119.00	58.87	102.10
March	13.74	8.92	10.35	119.40	59.29	103.93
April	13.67	8.86	10.11	119.20	60.82	106.20
May	13.67	8.93	10.28	119.40	62.05	110.50
June	13.37	8.15	9.26	120.20	64.03	111.33
July	13.86	8.29	9.47	120.20	62.52	109.13
Yearly average	13.66	8.46	9.72	118.73	61.31	108.22
<u>1969-70</u>						
August	14.11	8.76	10.35	119.40	62.72	107.78
September	14.59	8.75	10.50	120.00	60.56	107.62
October	13.86	9.40	11.88	119.60	65.38	105.25
November	13.48	10.67	13.31	119.40	62.48	99.83
December	12.78	10.23	11.32	119.80	65.75	105.16
January	12.26	10.34	11.68	119.40	69.29	113.85
February	12.08	11.15	13.33	120.00	72.35	112.52
March	12.00	11.53	14.79	120.20	66.19	106.61
April	11.37	11.53	15.25	120.20	64.71	104.94
May	11.41	11.54	14.47	120.20	65.22	108.88
June	11.70	11.68	13.96	119.80	67.12	N.A.
July	11.89	11.60	14.02	120.80	71.60	N.A.
Yearly average	12.63	10.60	12.90	119.90	66.11	N.A.

(1) Average wholesale prices paid to crushers by processors and manufacturers.

(2) Average retail prices to farmers.

N.A. Not available.

Exports of Canadian Flaxseed(1) 1969-70 and 1968-69

Destination	May 1970	June 1970	July 1970	August - July	
				1969-70	1968-69
bushels					
<u>Western Europe</u>					
EEC:					
Belgium and Luxembourg ...	191,632	121,582	—	1,007,092	510,919
France	30,521	—	—	97,021	123,583
Germany, Federal Republic	553,069	331,400	154,593	1,192,179	1,371,177
Italy	—	286,052	—	557,031	114,240
Netherlands	974,447	372,626	521,131	4,378,063 ^r	2,224,605
Sub-totals	1,749,669	1,111,660	675,724	7,231,386 ^r	4,344,524
<u>Other Western Europe</u>					
Britain	290,800	147,000	422,723	2,930,931 ^r	2,212,685
Denmark	—	—	—	—	58,994
Finland	—	—	—	57,750	—
Greece	312,712	—	—	353,512	—
Norway	—	—	—	207,200	152,007
Portugal	—	—	—	—	80,400
Spain	464,535	—	—	1,243,579 ^r	577,339
Switzerland	6,123	—	—	46,123 ^r	243,646
Sub-totals	1,074,170	147,000	422,723	4,839,095 ^r	3,325,071
Totals	2,823,839	1,258,660	1,098,447	12,070,481	7,669,595
<u>Eastern Europe</u>					
Czechoslovakia	—	—	—	96,700	238,902
Germany, East	—	—	—	194,042	159,875
Totals	—	—	—	290,742	398,777
<u>Africa</u>					
Kenya	—	—	—	—	1,001
Morocco	—	—	—	119,338	—
Totals	—	—	—	119,338	1,001
<u>Asia</u>					
Israel	23,640	—	15,593	67,048	66,771
Japan	499,440	517,227	696,858	5,683,664	4,884,852
Korea, South	—	—	96,452	278,545	60,200
Totals	523,080	517,227	808,903	6,029,257	5,011,823
<u>Oceania</u>					
Australia	—	—	—	101,000	340,200
<u>Western Hemisphere</u>					
United States(2)	—	—	—	—	37
Totals, all countries	3,346,919	1,775,887	1,907,350	18,610,818	13,421,433

(1) Overseas clearances as reported by the Statistics Division, Board of Grain Commissioners for Canada, for all countries except the United States. (2) Compiled from returns of Canadian elevator licensees and shippers and advice from American grain correspondents. r Revised figures.

Exports of Canadian Rapeseed(1) 1969-70 and 1968-69

Destination	May 1970	June 1970	July 1970	August-July	
				1969-70	1968-69
bushels					
<u>Western Europe</u>					
EEC:					
Belgium and Luxembourg	-	-	-	303,520	-
Germany, Federal Republic	-	-	-	966,869 ^r	64,126
Italy	-	429,682	217,613	842,206	183,702
Netherlands	942,257	234,699	-	2,795,831 ^r	143,001
Sub-totals	942,257	664,381	217,613	4,908,426 ^r	390,829
<u>Other Western Europe</u>					
Britain	256,346	-	-	697,680	-
Finland	-	-	-	33,734	-
Norway	-	-	-	242,968	-
Sub-totals	256,346	-	-	974,382	-
Totals	1,198,603	664,381	217,613	5,882,808 ^r	390,829
<u>Western Europe</u>					
Czechoslovakia	244,742	-	-	659,737 ^r	-
<u>Africa</u>					
Morocco	-	-	549,830	717,078	1,114,848
<u>Asia</u>					
Japan	786,833	1,829,685	1,537,547	14,390,467	10,908,667
Taiwan	-	-	-	-	1,799,182
Totals	786,833	1,829,685	1,537,547	14,390,467	12,707,849
<u>Western Hemisphere</u>					
Mexico	-	-	-	553,280	-
Sub-totals, all countries	2,230,178	2,494,066	2,304,990	22,203,370	14,213,526
United States(2)	1,584	800	-	9,250	97,668
Totals, all countries	2,231,762	2,494,866	2,304,990	22,212,620	14,311,194

(1) Overseas clearances as reported by the Statistics Division, Board of Grain Commissioners for Canada. (2) Customs exports. ^r Revised figures.

Customs Exports of Canadian Soybeans 1969-70 and 1968-69

Destination	May 1970	June 1970	July 1970	August-July	
				1969-70	1968-69
bushels					
<u>Western Europe</u>					
EEC:					
Germany, Federal Republic	-	-	-	44,790	45,000
Netherlands	-	-	-	1,576	56,561
Sub-totals	-	-	-	46,366	101,561
<u>Other Western Europe</u>					
Britain	131,000	-	243,940	1,039,382	1,008,681
Sweden	2,235	2,577	3,325	24,779	9,927
Switzerland	-	-	-	815	2,668
Sub-totals	133,235	2,577	247,265	1,064,976	1,021,276
Totals	133,235	2,577	247,265	1,111,342	1,122,837
<u>Western Hemisphere</u>					
United States	50	-	-	70	58
Totals, all countries	133,285	2,577	247,265	1,111,412	1,122,895

UNITED STATES SITUATION

The following summary of the fats and oils situation in the United States has been taken from the June 25, 1970 issue of the Fats and Oils Situation published by the Economic Research Service, United States Department of Agriculture.

Summary Soybean usage continues at a record pace and for the 1969-70 crop year likely will rise a fourth from last season to about 1.2 billion bushels. This volume, nearly 8 per cent larger than last fall's crop, reduces prospective carryover September 1 to approximately 240 million bushels.

The domestic crush through May totalled 549 million bushels, one-fifth ahead of the 1968-69 rate, reflecting continuing strong demand for soybean oil and meal and the most favourable processing margins in 25 years. With mills running at a brisk pace this summer, the whole season's crush will reach around 725 million bushels compared with 606 million in 1968-69. For the oil and meal marketing year ending September 30, 1970, the crush will total about 735 million bushels.

Soybeans inspected for export from last September through June 19 totalled 355 million bushels, up about two-fifths from the same period a year ago. The weekly rate so far this year has averaged a record 8 1/2 million bushels compared with 6 million a year earlier. Inspections this summer should surpass the 3 1/2 million-bushel weekly rate of last season. This points to a new high of around 415 million bushels exported for 1969-70 compared with 287 million a year earlier. Expanding foreign demand reflects substantial growth in poultry and livestock production abroad, and reduced world supplies of competitive fish, sunflower, and peanut oils and meal.

Soybean products are also moving to markets in record volume this year. During October-April, domestic disappearance of soybean oil and soybean meal jumped 14 per cent and 16 per cent, respectively, and exports of each product rose more than a third.

Farmers' prices for soybeans increased from a low of \$2.23 per bushel last October to \$2.52 in May, averaging about 12 cents over the U.S. support rate of \$2.25. Prices rose further in June and during the summer will continue well above support levels. CCC has sold approximately 150 million bushels of soybeans so far this marketing year, including about 55 million for delivery in September at prices that have recently moved above announced minimum with the rising market.

Production of competitive cottonseed oil and lard is somewhat lower this year than in 1968-69 while exports of each are up sharply. This has boosted domestic demand for soybean oil.

Cottonseed oil exports during October-May reached 395 million pounds compared with only 99 million in the same 1968-69 period. Increased exports this season are due to the CCC sales of the oil acquired under the 1968 price support program. Exports for the entire season probably will reach 450 million pounds or more, compared with 139 million in 1968-69.

Lard exports through May totalled 228 million pounds compared with 151 million in 1968-69. About two-thirds of this year's volume is moving to the United Kingdom under USDA's export payment program of 1 cent per pound. Total lard exports for 1969-70 probably will approach 400 million pounds, up sharply from last year's 223 million and the largest since 1963.

Soybeans and Flaxseed
Production

A report released on August 11, 1970 from the Crop Reporting Board of the United States Department of Agriculture stated that

The 1970 soybean crop forecast at 1,114 million bushels is 0.3 per cent below the record crop produced last year. Lower average yields in many States were responsible for the minor decline. Conditions on August 1 indicated a prospective yield of 26.8 bushels per acre, compared with last year's record yield of 27.3 bushels. Changes between the August forecast and the final estimate have averaged 32 million bushels for the past decade, ranging from 4 million to 68 million bushels.

Development of the soybean crop varied widely throughout the soybean producing areas. On August 1 early planted acreage was setting pods, and later planted acreage was just emerging. Plant growth on early planted acreage is generally further advanced than a year earlier.

Flaxseed production is estimated at 29.1 million bushels, 20 per cent less than 1969 but 8 per cent above 1968. Below normal moisture and unfavourable temperatures during July in the Dakotas and Minnesota sharply decreased prospects. A yield of 9.6 bushels per acre is expected, compared with 13.5 bushels a year earlier.

In the major producing North Central area, the crop was ripening on August 1 and harvest was just starting. In North Dakota harvest started a little earlier than last year. However, overall development is slightly behind last year's with significant variation within some fields.

NOTES ON FOREIGN OILSEEDS

Argentina The following information relative to sunflowerseed is extracted from a report provided by Mr. S.E. Kidd, Assistant Commercial Secretary, (Agriculture) Buenos Aires, under date of August 26, 1970 and is reproduced with the permission of the Trade Commissioner Service, Department of Industry, Trade and Commerce.

Sunflowerseed. - According to the third estimate of the Secretariat of Agriculture and Livestock, production of sunflowerseed for 1969-70 rose to 1,140,000 metric tons (83.8 million bushels) which is 40,000 tons (2.9 million bushels) more than the estimate of June 4. This volume of production was the largest in history and the industrial yield of sunflowerseed was also a record as a result primarily of the planting of new varieties on a large scale. The increase in production can be attributed both to an increase in the sown area and to the very favourable climatic conditions registered since February, particularly in Buenos Aires and Santa Fe where late seedings on the stubble of fine grains crops were significant.

Harvesting was completed under ideally dry conditions and the harvest obtained was 30 per cent larger than last year, and 27 per cent and 49 per cent larger than the averages of the last five- and ten-year periods, respectively.

Production of sunflowerseed by province in 1968-69 and 1969-70 are now estimated to be as follows:

	<u>1968-69</u>	<u>1969-70</u>
	thousand bushels	
Buenos Aires	37,184	54,623
Santa Fe	12,309	14,543
Cordoba	9,766	8,862
Chaco	2,131	2,895
Other Provinces	2,984	2,851
Totals	<u>64,374</u>	<u>83,775</u>

With the exception of Cordoba, there were increases in production in all of the principal producing provinces.

Rotterdam The following information relative to bonded stocks of linseed oil in storage, Rotterdam, has been supplied by Mr. J. McAnsh, Executive Director of the Rapeseed Association of Canada.

Rotterdam Linoil Stocks, Calendar Year 1970

Week ending		Stocks		Week ending		Stocks	
		metric tons	thousand pounds			metric tons	thousand pounds
January	3	15,648	34,498	May	8	9,003	19,848
	10	14,932	32,919		15	5,323	11,735
	17	14,034	30,939		22	7,643	16,850
	24	14,627	32,247		29	6,198	13,664
	31	14,308	31,543		June	6	6,198
February	7	11,979	26,409	13		8,113	17,886
	14	12,125	26,731	20		6,930	15,278
	21	13,379	29,495	27		6,198	13,664
	28	11,045	24,350	July	4	9,447	20,827
March	7	8,933	19,694		11	6,629	14,614
	14	6,120	13,492		18	5,492	12,108
	21	4,439	9,786		25	9,465	20,867
	28	12,218	26,936	August	1	11,053	24,367
April	3	10,070	22,200		8	12,921	28,486
	10	15,094	33,276		15	11,600	25,573
	17	13,273	29,262		22	10,115	22,300
	24	9,514	20,975	29	16,692	36,799	
May	1	6,799	14,989	September	5	18,854	41,566

Federal Republic of Germany

The following account of the oilseed situation in the Federal Republic of Germany has been extracted from a report received from M.R.B. Rossing, Commercial Officer (Agriculture), Canadian Embassy, Bonn, Germany, under date of September 10, 1970 and is reproduced with the permission of the Trade Commissioner Service, Department of Industry, Trade and Commerce.

Official estimates of German oilseed crop reduced. -- According to the second official estimate of the oilseed crops a smaller rapeseed outturn can be expected in West Germany. Rapeseed acreage increased by 24,700 acres or 14 per cent over 1969, however, the new estimate is 183,000 metric tons (8.1 million bushels), as against 194,000 tons (8.6 million bushels) estimated previously. This corresponds to an enlargement by 25,000 metric tons (1.1 million bushels) or 16 per cent over last year's crop. The total West German crop will consist of 164,000 metric tons (7.2 million bushels) of winter rapeseed and 19,000 tons (0.8 million bushels) of summer rapeseed, which is similar to the rapeseed species grown in Canada.

CALENDAR OF OILSEED EVENTS

- August 11 According to a report received from Mr. S.E. Kidd, Assistant Commercial Secretary (Agriculture) for Canada, Buenos Aires, the area sown to flaxseed in Argentina in 1970-71 will be 910,000 hectares (2.2 million acres) according to the first official estimate of the Secretariat of Agriculture and Livestock. This estimate compares with the 952,000 hectares (2.4 million acres) planted in 1969-70 and while it is similar to the average area planted in the last five years, it is 19 per cent less than the ten-year average.
- 19 Preliminary estimates place carryover stocks of flaxseed and rapeseed in all North American positions at July 31, 1970 as follows with 1969 totals and the 5-year (1965-69) averages in brackets in millions of bushels: flaxseed, 5.8 (4.9, 7.9); and rapeseed, 3.7 (5.1, 5.1).
- 21 The Canadian Wheat Board announced its delivery quotas on flaxseed and rapeseed into the Processing Mills for the crop year 1970-71. For details see pages 8 and 9 of this publication.
- 26 According to a note received from Mr. S.E. Kidd, Assistant Commercial Secretary (Agriculture) for Canada, Buenos Aires, the third production estimate of sunflowerseed in Argentina for 1969-70 rose to 1,140,000 metric tons (83.8 million bushels) which is 40,000 tons (2.9 million bushels) more than the estimate of June 4. This volume of production was the largest in history and the industrial yield of sunflowerseed was also a record as a result primarily of the planting of new varieties on a large scale.
- September 4 Based on conditions at August 15, production of Canada's principal grain crops in 1970 was estimated as follows with 1969 totals and the ten-year (1959-68) averages in brackets, in millions of bushels: all wheat, 338.3 (684.3, 585.6); oats, 375.8 (371.4, 375.4); barley, 424.0 (378.4, 217.1); all rye, 23.4 (16.5, 12.4); flaxseed, 47.1 (27.5, 19.2); and rapeseed, 79.5 (33.4, 14.6).

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