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FEED SITUATION IN CANADA

Feed Grains Canadian feed grain supplies, including feed wheat, after rising to adequate levels in 1962-63, increased still further for 1963-64. Gross supplies are estimated at 21.2 million tons, 11 per cent greater than last year's total of 19.0 million and six per cent more than the recent ten-year average of 20.0 million tons. At the same time, grain-consuming animal units increased from the 1962 total of 15.5 million to 15.8 million at June 1, 1963. However, the expansion in feed supplies was sufficient to more than offset the rise in animal units and, as a result, gross supplies are placed at 1.34 tons per animal unit compared with last year's level of 1.23 tons and slightly above the ten-year average of 1.31 tons.

During the past decade there has been no marked trend in the total tonnage of grain fed to livestock in Canada. During 1962-63, some 12.7 million tons were consumed, which is only slightly above the ten-year 1952-53 to 1961-62 average of 12.5 million tons. Much of the increase in livestock output in recent years has been made possible by an increase in grain feeding efficiency and also to an increase in roughage usage. Part of the reason for the lack of growth which is apparent in the domestic feed grains market in recent years may be related to the lowered feed grain output in the Prairie Provinces in the late 1950's and early 1960's. With more adequate feed grain supplies now available from the Prairies, a moderate increase in the size of the domestic feed grain market is anticipated in the years immediately ahead.

Outlook for Oats After harvesting a large crop in 1962, Canadian farmers seeded 10 per cent fewer acres to oats in 1963 and although yields increased slightly, production this year is placed at 453.1 million bushels, eight per cent less than last year. However, when the current crop is added to opening stocks of 150.3 million bushels, total supplies for the crop year amount to some 603.4 million, five per cent greater than the previous year's total of 572.7 million, and 16 per cent more than the 1956-57 to 1960-61 average of 518.2 million bushels and the highest level since the crop year 1943-44.

With oats again in more than adequate supply in 1963-64, domestic disappearance will probably be about 400 million bushels. Feeders in Eastern Canada will probably require more oats from the Prairie Provinces this year than last, with the 1963 harvest of oats in the Eastern provinces recording a 20 million bushel decline from the 1962 crop. Almost all of this decline occurred in the provinces of Ontario and Quebec. Exports of Canadian oats are expected to be about 25 million bushels. Should domestic disappearance and exports approach the 425 million bushel level, carryover at July 31, 1964, will record a further increase, to about 175 million bushels. If yields are normal in 1964, then a seeded acreage similar to that of 1963 when combined with the expected large carryover stocks, should provide an adequate supply of oats for the 1964-65 season.

Reflecting the combined effect of a 17 per cent increase in seeded acreage and a 14 per cent increase in the average yield per acre, production of barley is placed at 220.7 million bushels this year as against 165.9 million a year ago. In the Prairie Provinces, where the bulk of this crop is produced, the current barley harvest has amounted to 213 million bushels compared with 158 million in 1962. When this year's crop is added to the August 1 stocks of 89.7 million bushels, total supplies for the current crop year will be 310.3 million compared with the 1962-63 figure of 223.7 million and the recent five-year average of 352.7 million.

Feed Concentrate Balance, Numbers of Animal Units and Feed Per Unit
Canada, Crop Years, Beginning August 1
Average 1957-61, Annual 1957-63

| Item | Average 1957-61 | 1957 | 1958 | 1959 | 1960 | 1961 | 1962 ^{1/} | 1963 ^{2/} |
|--|--------------------|------|------|------|------|------|--------------------|--------------------|
| - million tons - | | | | | | | | |
| Supply | | | | | | | | |
| Stocks beginning crop year ^{3/} ... | 5.5 | 7.1 | 5.5 | 5.4 | 4.9 | 4.8 | 3.0 | 4.8 |
| Production of feed grains: | | | | | | | | |
| Corn | 0.8 | 0.8 | 0.8 | 0.9 | 0.7 | 0.8 | 0.9 | 0.9 |
| Oats | 5.7 | 5.4 | 5.9 | 5.9 | 6.8 | 4.8 | 8.4 | 7.7 |
| Barley | 4.7 | 5.2 | 5.7 | 5.2 | 4.6 | 2.7 | 4.0 | 5.3 |
| Mixed grain and buckwheat | 1.3 | 1.3 | 1.3 | 1.3 | 1.2 | 1.3 | 1.5 | 1.4 |
| Total production | 12.5 | 12.7 | 13.7 | 13.2 | 13.4 | 9.6 | 14.7 | 15.3 |
| Imports of feed grains | 0.5 | 0.3 | 0.4 | 0.4 | 0.6 | 0.9 | 0.9 | 0.6 |
| Wheat and rye fed | 2.0 | 2.3 | 2.3 | 2.0 | 2.0 | 1.4 | 1.3 | 1.6 |
| By-product feeds fed | 1.3 | 1.2 | 1.4 | 1.4 | 1.3 | 1.4 | 1.5 | 1.5 |
| Total supply | 21.9 | 23.4 | 23.4 | 22.4 | 22.2 | 18.1 | 21.4 | 23.8 |
| Utilization | | | | | | | | |
| Concentrates fed ^{4/} : | | | | | | | | |
| Corn | 0.9 | 0.8 | 0.8 | 0.8 | 0.9 | 1.1 | 1.4 | 1.0 |
| Oats | 5.5 | 5.3 | 5.7 | 5.7 | 5.9 | 4.9 | 6.3 | 6.3 |
| Barley | 3.0 | 3.1 | 3.1 | 3.1 | 3.3 | 2.4 | 2.2 | 2.9 |
| Mixed grain and buckwheat | 1.2 | 1.2 | 1.3 | 1.2 | 1.1 | 1.2 | 1.4 | 1.4 |
| Wheat and rye | 2.0 | 2.3 | 2.3 | 2.0 | 2.0 | 1.4 | 1.3 | 1.6 |
| Oilseed cake and meal | 0.4 | 0.3 | 0.5 | 0.5 | 0.4 | 0.5 | 0.6 | 0.5 |
| Animal protein feeds | 0.2 | 0.1 | 0.2 | 0.2 | 0.1 | 0.2 | 0.2 | 0.2 |
| Other by-product feeds | 0.7 | 0.8 | 0.7 | 0.8 | 0.8 | 0.7 | 0.7 | 0.8 |
| Total concentrates fed | 14.0 | 13.8 | 14.5 | 14.3 | 14.6 | 12.4 | 14.2 | 14.6 |
| Feed grains for seed, human food and industry | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| Exports | 1.6 | 2.4 | 1.8 | 1.6 | 1.2 | 1.1 | 0.8 | 0.9 |
| Total utilization | 17.2 | 17.9 | 18.0 | 17.5 | 17.4 | 15.1 | 16.6 | 17.1 |
| Stocks at end of crop year ^{3/} ... | 4.7 | 5.5 | 5.4 | 4.9 | 4.8 | 3.0 | 4.8 | 6.7 |
| Supply and utilization per animal unit | | | | | | | | |
| Total supply (mil. tons) | 21.9 | 23.4 | 23.4 | 22.4 | 22.2 | 18.1 | 21.4 | 23.8 |
| Concentrates fed (mil. tons) .. | 14.0 | 13.8 | 14.5 | 14.3 | 14.6 | 12.4 | 14.2 | 14.6 |
| Grain-consuming animal units, June 1 (mil.) | 15.9 | 15.3 | 16.2 | 16.7 | 15.3 | 16.0 | 15.5 | 15.8 |
| Supply per animal unit (tons) .. | 1.38 | 1.53 | 1.44 | 1.34 | 1.45 | 1.13 | 1.37 | 1.51 |
| Concentrates fed per animal unit (tons) | .88 | .91 | .90 | .85 | .96 | .78 | .92 | .92 |

^{1/} Preliminary.

^{2/} Preliminary estimates based on production as of October 15 and forecasts of utilization and exports.

^{3/} Total stocks of oats and barley and commercial stocks of corn only.

^{4/} Total quantities fed in Canada, including domestically produced and imported grains and by-product feeds.

Note: Due to rounding the sums of individual items may not agree exactly with the totals.

With barley supplies recovering to a more generous level, it is anticipated that a considerably larger volume will enter feed channels in the current year. Should total domestic use amount to 145 million bushels and if exports reach the 20 million bushel level, then the total estimated disappearance of 165 million would leave a carryover at July 31, 1964, of about 145 million bushels, an amount about equal to a year's domestic disappearance. On the basis of an estimated carryover of this size it would appear that if yields are average, then a seeded acreage in 1964 similar to that planted in 1963 should provide adequate supplies.

Grain corn production in Canada in 1963 is estimated at 33 million bushels, relatively unchanged from last year. Imports of corn from the United States will likely fall well below the high levels of the past two seasons, as the price relationship between Canadian feed grains and imported corn moved in favour of home-grown grains since the latter part of the past crop year. Although price relationships may be less favourable as the year progresses, it appears evident that in addition to price differentials, the generally improved supply position for wheat, oats and barley will be reflected in an increase in the use of Canadian grains and a considerable decline in the use of imported grain corn in 1963-64.

| | |
|--|---|
| <u>Forage Crops and</u> <u>Feed Supplements</u> | Canadian production of tame hay in 1963, estimated at 23.0 million tons, is two per cent larger than last year's record of 22.5 million tons while the 1963 crop of fodder corn is placed at 4.5 million tons, two per cent greater than the 1962 total of 4.4 million. |
|--|---|

Hay production was greater than a year ago in the Maritimes, Quebec, Ontario and Saskatchewan and supplies should be generally adequate in all provinces this feeding season. Three provinces growing fodder corn reported higher production this year than last, while production in Quebec and British Columbia was lower.

It is estimated that with the exception of local areas, ample forage supplies are available in all provinces this season. However, despite the open fall, pastures have been poor and unusually heavy supplementary feeding was necessary in many areas of Eastern Canada.

Millfeed supplies should be considerably larger this year due to the marked expansion in output which will be forthcoming from the milling industry in order to meet domestic requirements as well as the sharply increased export commitments for wheat flour.

| | |
|--|--|
| <u>Exports of Oats, Barley,</u> <u>Rye and Flaxseed</u> <u>August-October 1963</u> | Total exports of oats, barley, rye and flaxseed during the first quarter of the 1963-64 crop year amounted to 12.1 million bushels, an increase of 45 per cent over the August-October 1962-63 total of 8.3 million but less than half the ten-year (1952-61) average exports for the period of 27.2 million bushels. Current crop year exports of the four grains to October 31, 1963 with figures for the corresponding period of 1962 and the ten-year August-October averages, respectively, in brackets, were as follows, in millions of bushels: oats, 3.2 (0.9, 5.7); barley, 5.5 (1.6, 18.1); rye, 0.8 (2.7, 1.5); and flaxseed, 2.5 (3.1, 2.0). |
|--|--|

During the first three months of the 1963-64 crop year the Netherlands was the leading market for Canadian oats with shipments to that country amounting to 1.0 million bushels. Other principal markets in millions of bushels were: Italy, 0.6; Switzerland, 0.5; Belgium and Luxembourg, 0.4; United States, 0.4; and Britain, 0.2. Smaller shipments went to Mozambique, Federal Republic of Germany and Panama. Exports of Canadian barley during the period under review went to five

different countries with shipments to Japan, 1.7 million; United States, 1.4 million; Korea, 1.3 million; Britain, 1.1 million and Saudi Arabia, 42 thousand bushels. In addition exports of Canadian malt in terms of barley during the August-October period of 1963 were equivalent to 1.3 million bushels with half of this total shipped to the United States. The leading markets for the 0.8 million bushels of Canadian rye exported during the first three months of the current crop year were the Netherlands and Norway, receiving shipments of 0.5 million and 0.2 million bushels, respectively. Relatively smaller shipments went to Britain, Belgium and Luxembourg and Mozambique.

Of the 2.5 million bushels of flaxseed exported up to October 31, 1963 some 1.1 million was shipped to Britain and 0.8 million to Japan. The remainder was accounted for by relatively smaller shipments to the Netherlands, Yugoslavia, the Federal Republic of Germany, Spain, Portugal and Greece.

Delivery Policy

Supplementary Delivery Quota on Oats The Canadian Wheat Board in its Instructions to the Trade re Quotas (General)

No. 12 under date of December 3, 1963 indicated that in order to obtain a sufficient supply of quality oats suitable for manufacture to Rolled Oats and/or Oat Groats to meet export commitments, the Board will give consideration to applications received from agents of the Board on behalf of producers to deliver in excess of the quota, one carlot of oats suitable for such milling requirements, a sample of which has been submitted to and accepted by a mill located in the designated area (within the Provinces of Manitoba, Saskatchewan and Alberta) subject to a number of regulations. Details of these regulations may be found by referring to the already-mentioned Instruction.

Quota on Flaxseed The Canadian Wheat Board in its

Instructions to the Trade re Quotas (General) No. 14 under date of December 9, 1963 stated in part that effective immediately at all delivery points within the designated area the quota of five (5) bushels per seeded acre to flaxseed as indicated in our Instructions to the Trade re Quotas (General) No. 3 of July 26, 1963, is hereby increased to eight (8) bushels per seeded acre, or 325 bushels, whichever is the larger.

General Quota Position By December 9, 1963 out of a total

of 1,921 shipping points in the Western Division, the Canadian Wheat Board had placed 142 points on a delivery quota of 6 bushels per specified acre, 271 points on a five-bushel quota and 483 points on a four-bushel quota. Of the remainder 501 points were on a three-bushel quota, 378 points on a two-bushel quota and 126 points on a one-bushel quota. Thirteen points remained on the initial unit quota and seven stations were reported as "closed".

Summary of Elevator Shipping Points in the Western Division as at December 9, 1963

| Province | Initial Unit Quota | General Quota in Bushels per Specified Acre | | | | | | Closed | Total |
|-----------------------|--------------------------|--|-----|-------|------|------|-----|--------|-------|
| | | One | Two | Three | Four | Five | Six | | |
| Ontario..... | - | - | - | - | - | - | 1 | - | 1 |
| Manitoba..... | - | - | 3 | 25 | 120 | 97 | 98 | 2 | 345 |
| Saskatchewan..... | - | 16 | 165 | 346 | 325 | 149 | 36 | 5 | 1,042 |
| Alberta..... | 13 | 110 | 210 | 130 | 38 | 25 | 2 | - | 528 |
| British Columbia..... | - | - | - | - | - | - | 5 | - | 5 |
| All Provinces.... | 13 | 126 | 378 | 501 | 483 | 271 | 142 | 7 | 1,921 |

NOVEMBER ESTIMATE OF 1963 PRODUCTION OF CANADA'S PRINCIPAL GRAIN CROPS

The index of field crop production for Canada in 1963 reached a record of 176.3 (1949 = 100), well above the 1962 level of 154.9 and exceeding the previous record of 172.0 established in 1952. On a provincial basis, Saskatchewan experienced the best crop outturn in history and the index stands at 250.3 compared with 181.7 a year ago and in sharp contrast to output from the drought-stricken 1961 crop when the index dropped to 74.2. The previous record was 236.2 established in 1952. The index of field crop production in Alberta is placed at 205.7, well above the 1962 level of 172.7 and only slightly below the 1952 record of 206.8. This is quite a remarkable achievement when viewed in the light of early season drought in large areas of the southern part of the province, and severe drought in the latter part of the growing season in the Peace River area. Large areas in southern Manitoba suffered from unfavourable conditions, including excessive rain early in the season and hot weather and widespread leaf rust infection when the crop was maturing, and the index of field crop production receded from the 1962 record level of 159.1 to 131.5 this season. The drought in the Peace River Block of British Columbia this year was of sufficient intensity to reduce the index for that province to 104.8 compared with 125.1 a year ago.

Canada's 1963 wheat crop, estimated at an all-time record of 723.4 million bushels, is 28 per cent above last year's estimate of 565.6 million and 51 per cent above the ten-year average of 479.8 million bushels. The increase in production compared with last year is due to a 24 per cent increase in yields and a 3 per cent increase in seeded acreage. This year's all Canada crop of spring wheat, including durum, is estimated at 705.7 million bushels compared with the 1962 crop of 549.8 million and the ten-year average of 459.3 million bushels. Ontario's winter wheat crop is estimated at 17.7 million bushels, an increase of 12 per cent from last year's crop of 15.8 million. Production of oats for grain in 1963 is estimated at 453.1 million bushels, 8 per cent below last year's 493.6 million but 21 per cent above the 1952-61 average of 374.8 million. The indicated average yield for Canada as a whole is 47.8 bushels per acre compared with 46.6 in 1962 and the ten-year average of 38.2 bushels. The 1963 barley crop is estimated at 220.7 million bushels, 33 per cent above last year's 165.9 million but one per cent below the 1952-61 average of 222.5 million. The indicated average yield for Canada as a whole is 35.8 bushels per acre, compared with 31.4 bushels in 1962 and the ten-year average of 26.8 bushels per acre. Canada's 1963 crop of mixed grains, grown principally in Eastern Canada, is estimated at 68.0 million bushels, down 6 per cent from the 72.2 million produced in 1962 but some 7 per cent higher than the 1952-61 average production of 63.8 million bushels. Production of corn for grain in 1963 is estimated at 32.8 million bushels, 2 per cent above last year's crop of 32.0 million and 18 per cent larger than the ten-year average of 27.8 million bushels. Production of soybeans currently estimated at 5.0 million bushels is 24 per cent smaller than last year's 6.6 million. The 1963 flaxseed crop, now estimated at 21.2 million bushels is 32 per cent above last year's outturn of 16.0 million. Rapeseed production in 1963 is estimated at 8.9 million bushels compared with 5.9 million last year and the ten-year average of 5.1 million bushels.

November Estimate of the 1963 Production of Grain Crops Canada and Prairie Provinces, Compared with 1962

| Crop | Area | | Yield per Acre | | Production | |
|----------------------|------------|------------|----------------|---------|-------------|-------------|
| | 1962 | 1963 | 1962 | 1963 1/ | 1962 | 1963 1/ |
| <hr/> | | | | | | |
| | - acres - | | - bushels - | | - bushels - | |
| <hr/> | | | | | | |
| CANADA | | | | | | |
| Winter wheat..... | 450,000 | 442,000 | 35.1 | 40.2 | 15,795,000 | 17,748,000 |
| Spring wheat 2/..... | 26,366,900 | 27,124,200 | 20.9 | 26.0 | 549,759,000 | 705,694,000 |
| All wheat..... | 26,816,900 | 27,566,200 | 21.1 | 26.2 | 565,554,000 | 723,442,000 |
| Oats for grain..... | 10,591,100 | 9,487,800 | 46.6 | 47.8 | 493,610,000 | 453,102,000 |
| Barley..... | 5,287,100 | 6,160,100 | 31.4 | 35.8 | 165,888,000 | 220,664,000 |
| Fall rye..... | 527,200 | 552,800 | 20.5 | 19.9 | 10,784,000 | 11,018,000 |
| Spring rye..... | 97,300 | 98,800 | 12.9 | 18.5 | 1,260,000 | 1,830,000 |
| All rye..... | 624,500 | 651,600 | 19.3 | 19.7 | 12,044,000 | 12,848,000 |
| Flaxseed..... | 1,445,000 | 1,685,400 | 11.1 | 12.6 | 16,042,000 | 21,176,000 |
| Mixed grains..... | 1,521,600 | 1,411,300 | 47.4 | 48.2 | 72,186,000 | 67,987,000 |
| Corn for grain..... | 421,300 | 500,500 | 76.0 | 65.5 | 32,025,000 | 32,772,000 |
| Buckwheat..... | 45,300 | 50,500 3/ | 24.8 | 23.5 | 1,122,000 | 1,186,000 |
| Peas, dry..... | 49,800 | 49,200 | 16.6 | 19.5 | 827,000 | 957,000 |
| Beans, dry..... | 65,400 | 67,100 | 21.8 | 21.7 | 1,423,000 | 1,456,000 |
| Soybeans..... | 221,000 | 228,000 | 29.9 | 21.9 | 6,608,000 | 5,002,000 |
| Rapeseed..... | 371,200 | 483,500 | 15.8 | 18.3 | 5,860,000 | 8,860,000 |
| <hr/> | | | | | | |
| PRAIRIE PROVINCES | | | | | | |
| Wheat 2/..... | 26,237,000 | 26,996,000 | 20.8 | 26.0 | 546,000,000 | 703,000,000 |
| Oats for grain..... | 7,152,000 | 6,260,000 | 45.0 | 48.6 | 322,000,000 | 304,000,000 |
| Barley..... | 5,097,000 | 5,922,000 | 31.0 | 36.0 | 158,000,000 | 213,000,000 |
| Rye..... | 556,300 | 582,800 | 18.7 | 19.2 | 10,400,000 | 11,180,000 |
| Flaxseed..... | 1,396,000 | 1,629,000 | 11.0 | 12.5 | 15,300,000 | 20,300,000 |

1/ As indicated on the basis of conditions on or about October 15. 2/ Includes durum wheat and relatively small quantities of winter wheat in all provinces except Ontario. 3/ Revised.

MILLFEEDS

Production of millfeeds in Canada during the crop year 1962-63 amounted to 574,966 tons, 12 per cent less than the 1961-62 total of 650,496 tons, 16 per cent lower than the ten-year (1952-53-1961-62) average production of 688,516 tons and the lowest level since 555,515 tons were produced in 1938-39.

In addition to the decline in production, exports recorded a considerable increase and sharply offset a slight rise in imports. Exports of millfeeds from Canada increased from 36,423 tons in 1961-62 to 58,122 tons in 1962-63 while imports over the same period climbed only from 800 to 1,122 tons. As a result, the quantity of millfeeds available for domestic use during the crop year 1962-63, after making an allowance for smaller mill stocks at July 31, 1963 as compared with a year previous, amounted to 519,150 tons, 15 per cent less than the 1961-62 figure of 614,358 and the lowest level since 1953-54. United States, Britain and Japan accounted for most of the export movement of millfeeds with 34,251 tons, 15,054 tons and 8,412 tons, respectively. Relatively smaller shipments went to Hong Kong, Trinidad and Tobago, Bermuda, Barbados, St. Pierre and Miquelon, Venezuela, British Guiana, Nicaragua, Leeward and Windward Islands, British Honduras and Bahamas.

Production and Exports of Canadian Millfeeds, 1943-44--1962-63

| Crop Year | Production | Imports | Exports | Apparent Domestic Disappearance <u>1/</u> | Exports as % of Production |
|-------------------------|------------|----------|---------|---|----------------------------|
| | | - tons - | | | % |
| 1945-46..... | 885,092 | 1,393 | 32,170 | 850,753 | 3.6 |
| 1946-47..... | 972,535 | 6,736 | 40,413 | 940,523 | 4.2 |
| 1947-48..... | 866,724 | 9,101 | 30,502 | 842,391 | 3.5 |
| 1948-49..... | 695,346 | 10,486 | 53,968 | 654,400 | 7.8 |
| 1949-50..... | 691,812 | 4,681 | 55,394 | 643,257 | 8.0 |
| 1950-51..... | 852,053 | 4,192 | 235,301 | 623,046 | 27.6 |
| 1951-52..... | 829,301 | 3,518 | 258,342 | 573,080 | 31.2 |
| 1952-53..... | 810,480 | 1,571 | 264,950 | 549,391 | 32.7 |
| 1953-54..... | 678,456 | 1,457 | 186,214 | 494,522 | 27.4 |
| 1954-55..... | 696,450 | 4,363 | 129,310 | 568,384 | 18.6 |
| 1955-56..... | 703,376 | 11,392 | 111,660 | 599,878 | 15.9 |
| 1956-57..... | 641,885 | 5,855 | 111,943 | 540,289 | 17.4 |
| 1957-58..... | 688,706 | 1,912 | 110,359 | 582,828 | 16.0 |
| 1958-59..... | 663,191 | 3,373 | 52,303 | 611,194 | 7.9 |
| 1959-60..... | 683,915 | 1,563 | 63,128 | 619,379 | 9.2 |
| 1960-61..... | 668,201 | 770 | 59,501 | 614,822 | 8.9 |
| 1961-62..... | 650,496 | 800 | 36,423 | 614,358 | 5.6 |
| 1962-63 <u>1/</u> | 574,966 | 1,122 | 58,122 | 519,150 | 10.1 |

1/ Adjusted for change in mill stocks.

Preliminary data indicate that production of millfeeds during the first three months of the 1963-64 crop year, at 180,964 tons, was 22 per cent higher than the production for the same months of 1962-63. Exports during August-October amounted to 33,049 tons compared with the 24,920 tons exported during the same months of 1962. Apparent domestic disappearance during the period under review (excluding import data for October), at 144,183 tons, indicated an increase of 18 per cent over last year's August-October total of 122,406 tons.

Supply and Distribution of Millfeeds, August-October 1963 and 1962

| Month | Production | | | | Imports | Exports | Apparent Domestic Disappearance <u>1/</u> |
|---------------------------------|------------|--------|-----------|----------|-----------|---------|---|
| | Bran | Shorts | Middlings | Total | | | |
| | | | | - tons - | | | |
| August, 1963..... | 19,766 | 24,093 | 5,031 | 48,890 | 207 | 6,862 | 42,719 |
| September..... | 22,990 | 27,739 | 5,480 | 56,209 | 64 | 7,010 | 46,166 |
| October..... | 31,567 | 38,195 | 6,103 | 75,865 | <u>2/</u> | 19,177 | 55,298 |
| Totals..... | 74,323 | 90,027 | 16,614 | 180,964 | 271 | 33,049 | 144,183 |
| Same period 1962 (revised)..... | 58,719 | 74,486 | 15,457 | 148,662 | 211 | 24,920 | 122,406 |

1/ Adjusted for change in mill stocks.

2/ Not available.

FEED GRAIN SUPPLIES PER ANIMAL UNIT

As in previous crop years, presentation of the Canadian feed grain supply picture for the current crop year provides a comparison between total potential feed grain supplies per grain-consuming animal unit and the estimated net amounts actually available per grain-consuming animal unit. The gross supply of feed grains available for any one crop year, as shown in Table 1, includes the total production of the various feed grains (oats, barley, mixed grains, rye, corn and buckwheat) converted to tons and bulked together, plus carryover stocks of oats, barley, rye and carryover of corn in commercial positions at the beginning of the crop year. Allowance is also made for anticipated imports. In these calculations wheat is not included as a feed grain.

Reflecting increased carryover stocks of oats, barley and rye combined with higher production of barley, rye and corn, total supplies of Canadian feed grains in the crop year 1963-64 exceed the 1962-63 total by 11 per cent. Current crop year supplies of oats, consisting of the August 1 carryover of 150.3 million bushels and this year's production of 453.1 million, represent an increase of 5 per cent over last year's total of 572.7 million. Supplies of barley, at 310.3 million bushels, consisting of a carryover of 89.7 million and a crop of 220.7 million, are 39 per cent over the 1962-63 total of 223.7 million bushels.

Table 1 - Revised Total Potential Feed Grain Supplies 1/
Per Grain-Consuming Animal Unit

| Crop Year | Gross Supply Feed Grain <u>2/</u> | Grain-Consuming Animal Units <u>3/</u> | Gross Supply Per Grain-Consuming Animal Unit |
|--|--------------------------------------|---|--|
| | thousand tons | thousands | tons |
| 1952-53..... | 21,799 | 14,495 | 1.50 |
| 1953-54..... | 22,039 | 13,646 | 1.62 |
| 1954-55..... | 18,262 | 14,428 | 1.27 |
| 1955-56..... | 19,902 | 14,745 | 1.35 |
| 1956-57..... | 22,325 | 15,026 | 1.49 |
| 1957-58..... | 20,635 | 15,319 | 1.35 |
| 1958-59..... | 20,145 | 16,210 | 1.24 |
| 1959-60..... | 19,411 | 16,718 | 1.16 |
| 1960-61..... | 19,301 | 15,322 | 1.26 |
| 1961-62..... | 15,695 | 16,004 | 0.98 |
| 10-year average 1952-53— 1961-62..... | 19,951 | 15,191 | 1.31 |
| 1962-63..... | 19,025 | 15,480 | 1.23 |
| 1963-64 <u>4/</u> | 21,164 <u>5/</u> | 15,835 | 1.34 |

1/ Excluding wheat. 2/ Includes production of oats, barley, rye, corn, buckwheat and mixed grains together with carryover stocks of oats, barley, rye and commercial stocks of corn and import allowances. 3/ A grain-consuming animal unit is the equivalent in consumption of grain of one average milk cow in a year, weighted as follows: horses, 0.5; milk cows, 1.0; other cattle, 0.51; hogs, 0.87; sheep, 0.04; and poultry, 0.045. Calculations of the number of grain-consuming animal units for a particular crop year are based on the estimated livestock population as at June 1 immediately preceding that crop year. 4/ Preliminary. 5/ Based on November estimate of production of 1963 field crops.

Supplies of rye, at 17.0 million bushels are 7 per cent above the 1962-63 total of 15.9 million. This year's crop of mixed grains was estimated at 68.0 million bushels, compared with the record 72.2 million harvested in 1962. Production of grain corn in 1963, amounted to 32.8 million bushels, 2 per cent more than last year's outturn of 32.0 million. Gross supplies of feed grain are estimated at 21.2 million tons, an increase of about 11 per cent over last year's 19.0 million, and 6 per cent more than the ten-year (1952-53 - 1961-62) average of 20.0 million tons. At the same time, grain-consuming animal units showed an increase of two per cent this June 1 compared with a year earlier. However, the expansion in feed supplies was sufficient to more than offset the rise in animal units and, as a result, gross supplies per grain-consuming animal unit are placed at 1.34 tons compared with 1.23 tons a year ago and slightly above the recent ten-year average of 1.31 tons.

While it is recognized that the method just outlined has value in determining the gross quantities of feed grains available for the Canadian livestock feeding program, a more realistic picture can be presented after subtracting estimated amounts used for purposes other than animal feeding. In the compilations in Table 2, net supplies have been calculated by deducting exports, seed requirements and other domestic non-feed uses from gross supplies as set out in Table 1. For the 1963-64 crop year these items have been estimated in arriving at the net supply position. As in Table 1, wheat used for feeding purposes has been omitted from the calculations. Net supplies are estimated to be 18.4 million tons, 12 per cent more than the 1962-63 total of 16.4 million and 16 per cent larger than the ten-year average of 15.9 million tons. The net 1963-64 supplies per grain-consuming animal unit are estimated at 1.16 tons, 9 per cent above the 1962-63 level of 1.06 tons, and about 12 per cent greater than the recent ten-year average.

Table 2 - Revised Net Supply of Feed Grain Available Per Grain-Consuming Animal Unit

| Crop Year | Net Supply | Grain | Net Supply Per |
|--------------------------|---------------|-----------|-----------------|
| | Feed Grain | Consuming | Grain-Consuming |
| | thousand tons | thousands | tons |
| 1952-53..... | 15,881 | 14,495 | 1.10 |
| 1953-54..... | 16,501 | 13,646 | 1.21 |
| 1954-55..... | 13,983 | 14,428 | 0.97 |
| 1955-56..... | 16,080 | 14,745 | 1.09 |
| 1956-57..... | 18,142 | 15,026 | 1.21 |
| 1957-58..... | 16,377 | 15,319 | 1.07 |
| 1958-59..... | 16,577 | 16,210 | 1.02 |
| 1959-60..... | 15,984 | 16,718 | 0.96 |
| 1960-61..... | 16,373 | 15,322 | 1.07 |
| 1961-62..... | 12,819 | 16,004 | 0.80 |
| 10-year average 1952-53— | | | |
| 1961-62..... | 15,872 | 15,191 | 1.04 |
| 1962-63..... | 16,373 | 15,480 | 1.06 |
| 1963-64 <u>1/</u> | 18,386 | 15,835 | 1.16 |

1/ Preliminary.

Grain Consumed in 1962-63 In arriving at the actual amount of grain consumed per animal unit during a particular crop year, quantities of wheat fed are included in the calculations. The estimate of total feed grain consumption as shown in Table 3 is, therefore, the net supply set forth in Table 2 less the year-end carryover of feed grains, plus wheat fed. The amount consumed per animal unit in 1962-63 was estimated at 0.82 tons, 19 per cent above the 0.69 tons fed in 1961-62 but one per cent below the ten-year average of 0.83 tons.

Table 3 - Revised Grain Consumed Per Grain-Consuming Animal Unit

| Crop Year | Amount Consumed | Grain-Consuming Animal Units | Amount Consumed Per Grain-Consuming Animal Unit |
|---|-----------------|------------------------------|---|
| | thousand tons | thousands | tons |
| 1952-53..... | 12,050 | 14,495 | 0.83 |
| 1953-54..... | 12,056 | 13,646 | 0.88 |
| 1954-55..... | 12,042 | 14,428 | 0.83 |
| 1955-56..... | 13,257 | 14,745 | 0.90 |
| 1956-57..... | 12,818 | 15,026 | 0.85 |
| 1957-58..... | 12,711 | 15,319 | 0.83 |
| 1958-59..... | 13,170 | 16,210 | 0.81 |
| 1959-60..... | 12,887 | 16,718 | 0.77 |
| 1960-61..... | 13,284 | 15,322 | 0.87 |
| 1961-62..... | 11,067 | 16,004 | 0.69 |
| 10-year average 1952-53-- 1961-62..... | 12,534 | 15,191 | 0.83 |
| 1962-63 1/..... | 12,725 | 15,480 | 0.82 |

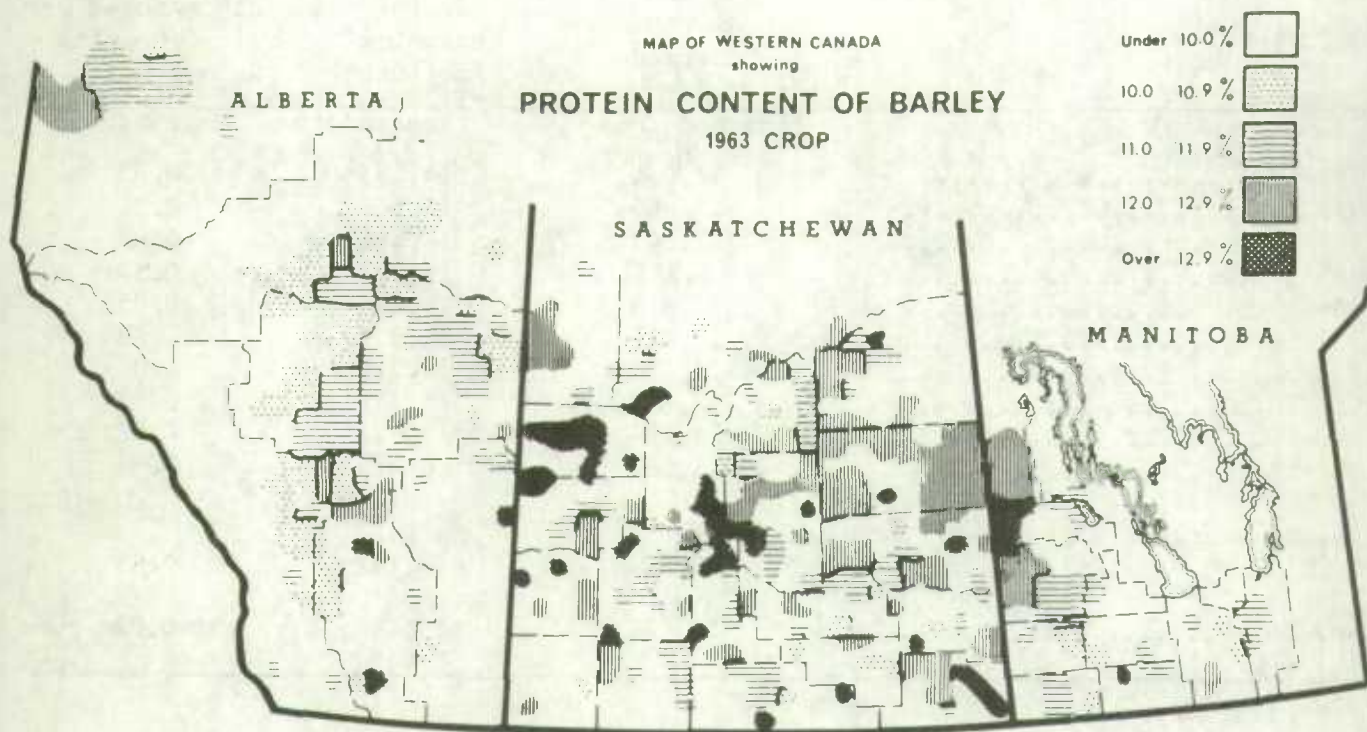
1/ Preliminary.

QUALITY OF WESTERN CANADIAN BARLEY, 1963 CROP

According to a press release issued by the Board of Grain Commissioners' Laboratory under date of November 14, the 1963 Western Canadian barley crop is much sounder and more vigorous than last year's crop because of the absence of frost this year, according to studies made by the Board of Grain Commissioners' Laboratory. By comparison with corresponding grades last year, the new crop Six-row grades are somewhat lower in yield of plump barley but about the same in kernel weight and only slightly higher in nitrogen content. The malt data show good levels of extract yield and enzymatic activity. The unusual feature of the Two-row grades is that for the first time they are lower in nitrogen content than the Six-row grades. Higher cleaning loss due to the lower percentage of plump barley is the principal characteristic of the 1963 crop.

Average protein content, based on the analyses of 1,487 samples, is 11.6 per cent (2.15 per cent nitrogen) compared with 11.3 per cent last year. The average value for Six-row grades is 11.5 per cent, for Two-row grades 11.4 per cent and for No. 1 Feed 11.8 per cent. For the Prairie Provinces average protein levels are: Manitoba 11.8 per cent; Saskatchewan 12.1 per cent; and Alberta 11.1 per cent.

Production of the 1963 Western Canadian barley crop is estimated at 213 million bushels from 5.9 million acres compared with 158 million bushels from 5.1 million acres last year. Of the total barley produced it is estimated that 25 per cent will fall in the C.W. Six-row grades and about 8 per cent in the C.W. Two-row grades. Carlots of barley delivered to terminal elevators during the first three months of the current crop year show that about 23 per cent graded 3 C.W. and higher.



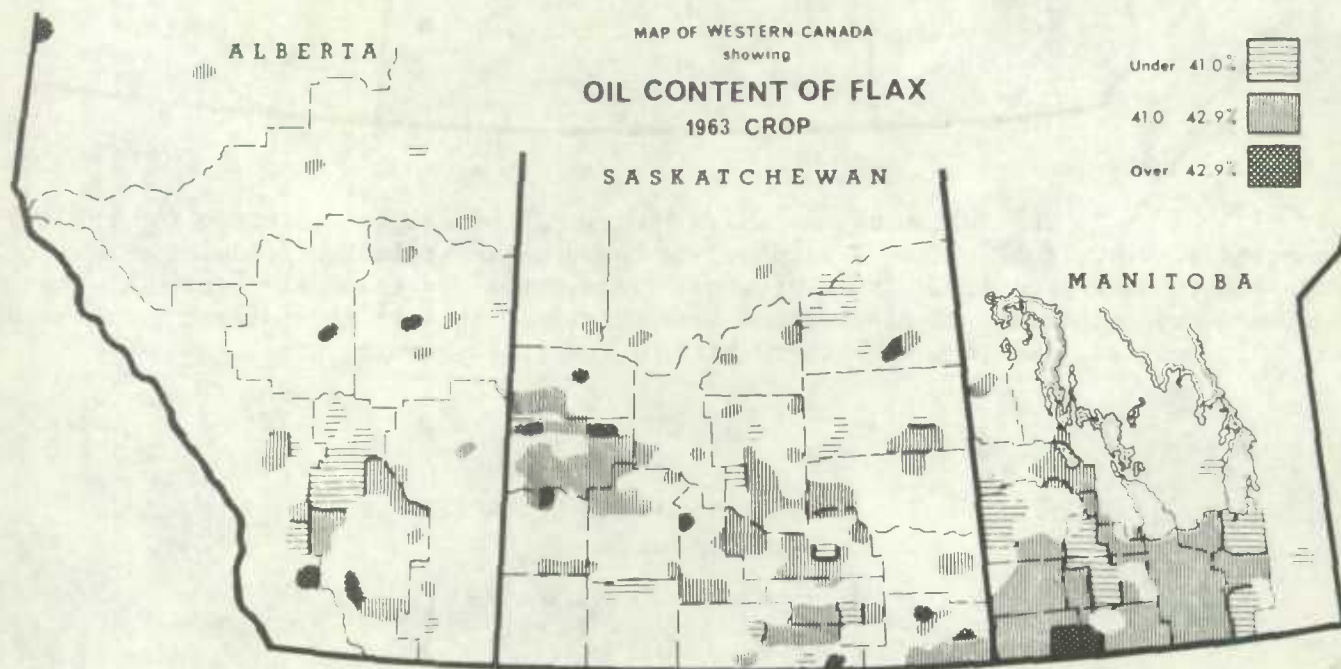
The accompanying map, published in the Board of Grain Commissioners' Crop Bulletin No. 89, "Canadian Barley 1963" shows the geographic distribution of the survey samples for five different protein levels. The average protein areas (11.0 to 11.9 per cent) are represented in all provinces while large below-average areas (under 11.0 per cent) are mostly in western and northern Alberta. The high-protein areas are scattered throughout the province of Saskatchewan.

QUALITY OF WESTERN CANADIAN FLAXSEED AND RAPESEED, 1963 CROP

According to a press release issued by the Board of Grain Commissioners' Laboratory under date of November 14, the 1963 Western Canadian flaxseed crop is slightly lower in average oil content than last year while this year's rapeseed crop is at about the same average oil content level as last year.

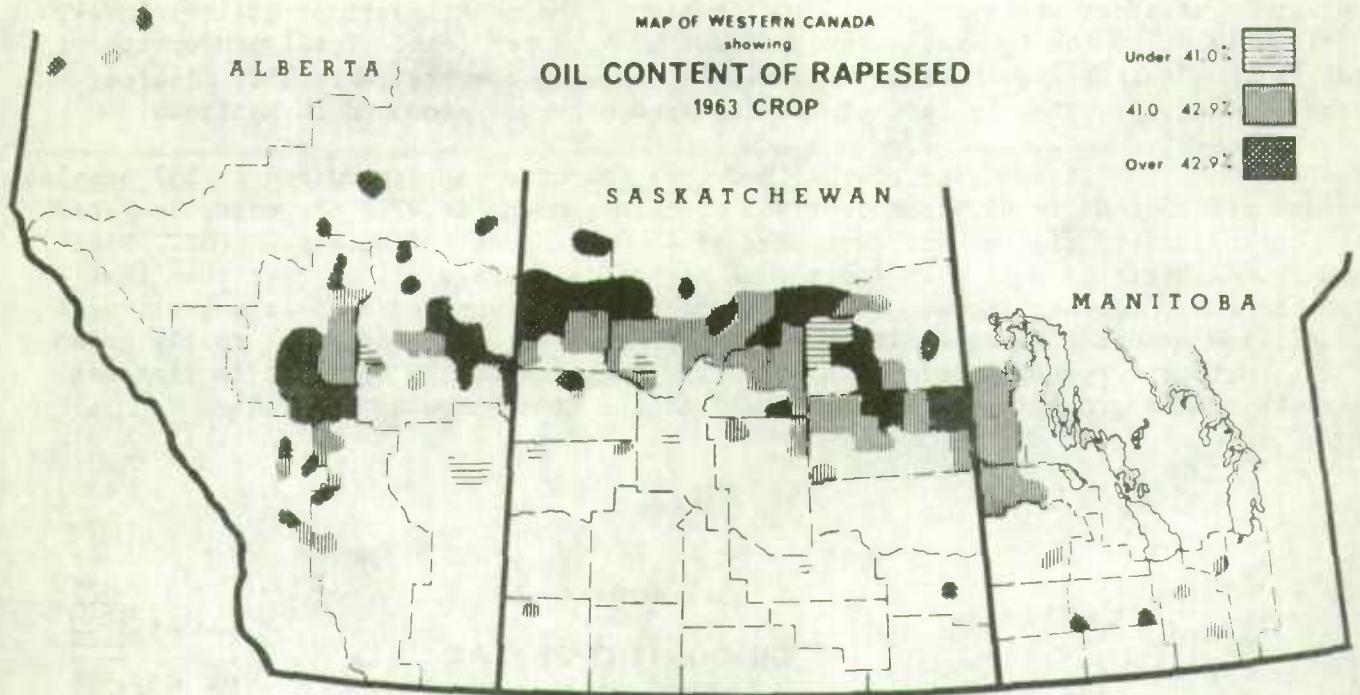
Tests made by the Board of Grain Commissioners' Laboratory on 446 samples of new-crop flax show that average values are: oil content 41.5 per cent; Iodine value 186 units; and protein content 43.3 per cent. Compared with corresponding figures last year, oil content is 0.6 per cent lower, iodine value three units lower and protein content is at about the same level. Oil content, the most important quality index, is slightly below the ten-year average level of 41.8 per cent. Total production of flax in the Prairie Provinces is 20.3 million bushels compared with 15.3 million bushels last year. Nearly half of the flaxseed crop was produced in Manitoba.

The quality of the 1963 rapeseed crop was determined on 252 samples. Average oil content is 42.9 per cent and protein content is 42.2 per cent, compared with corresponding figures for last year of 43.0 per cent and 41.4 per cent. Rapeseed from Alberta is well over 1 per cent higher in average oil content than that from the other two provinces. Production of the 1963 rapeseed crop is estimated at 8.9 million bushels compared with 5.9 million last year. Rapeseed was mostly grown in the northern crop districts of Alberta and Saskatchewan in contrast to flaxseed which is mostly grown in the southern half of the grain-growing area.

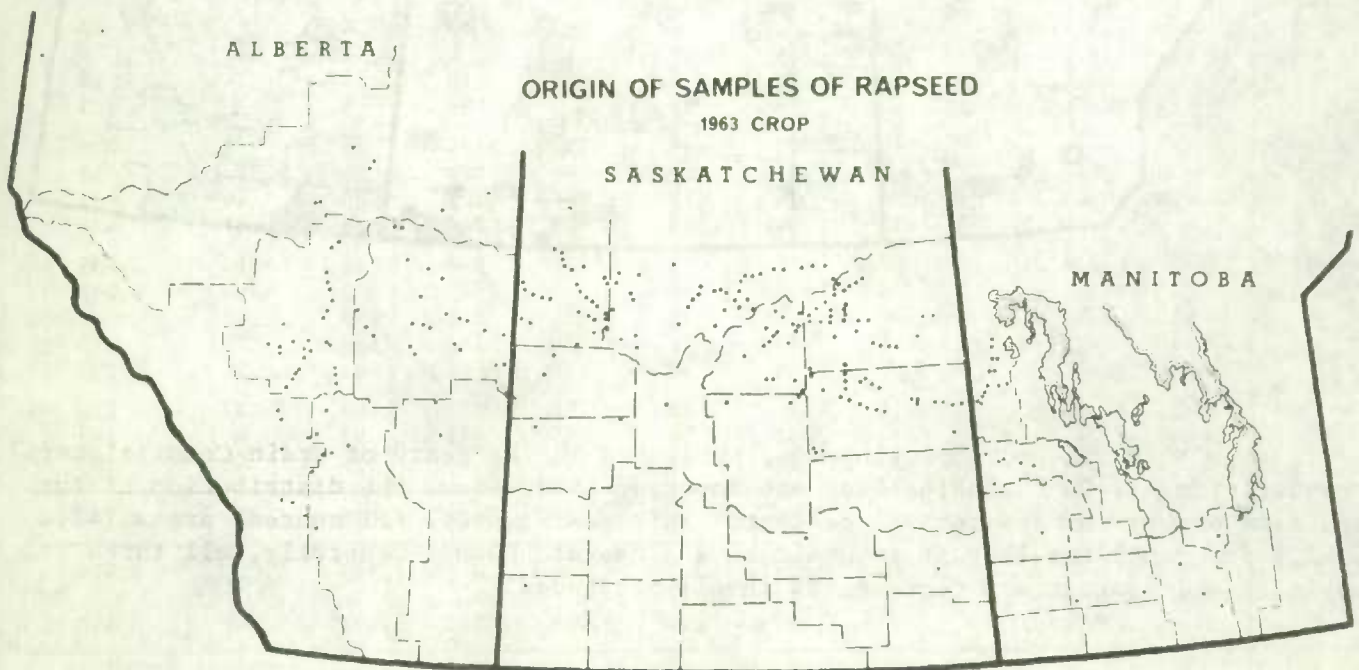


The accompanying map, published in the Board of Grain Commissioners' Crop Bulletin No. 90 "Canadian Flax and Rapeseed 1963" shows the distribution of the 1963 flax survey samples for oil content. This year average oil content areas (41.0 to 42.9 per cent) are largest in Manitoba and Saskatchewan. Generally, all three levels of oil content are represented in all provinces.

The accompanying map shows areas of different oil content for rapeseed. There is an indication that high oil content areas are more prevalent in the northern regions of the rapeseed-growing districts.



The following map shows the origin of samples obtained for the 1963 rapeseed survey. Collection of samples was based on the relative production of rapeseed in each province. As in previous years, rapeseed was mostly grown in the northern crop districts of Alberta and Saskatchewan. This is in contrast to flaxseed which is mostly grown in the southern half of the grain-growing area.



FARMERS' MARKETINGS OF OATS, BARLEY, RYE AND FLAXSEED

Total marketings of oats, barley, rye and flaxseed in the Prairie Provinces from the beginning of the current crop year to November 20 amounted to 55.1 million bushels, 15 per cent less than the comparable 1962 total of 64.5 million and 24 per cent below the ten-year (1952-61) average for this period of 72.9 million bushels. This year's August 1-November 20 total consisted of barley, 50 per cent; oats, 31 per cent; flaxseed, 14 per cent; and rye, 5 per cent.

Farmers' Marketings 1/ of Oats, Barley, Rye and Flaxseed in the Prairie Provinces, 1963-64
with Comparisons

| Period or week ending | | Oats | | | | Barley | | | |
|---|--------------|----------------------|--------|-------|--------|----------------------|--------|--------|--------|
| | | Man. | Sask. | Alta. | Total | Man. | Sask. | Alta. | Total |
| | | - thousand bushels - | | | | - thousand bushels - | | | |
| August | 7, 1963..... | 3 | 7 | - | 10 | 2 | 2 | 2 | 6 |
| | 14 | 87 | 32 | 80 | 200 | 15 | 19 | 120 | 154 |
| | 21 | 203 | 171 | 33 | 407 | 39 | 99 | 70 | 208 |
| | 28 | 288 | 643 | 100 | 1,030 | 86 | 409 | 265 | 759 |
| September | 4 | 1,171 | 641 | 187 | 1,999 | 360 | 805 | 578 | 1,743 |
| | 11 | 955 | 812 | 472 | 2,240 | 136 | 851 | 1,241 | 2,229 |
| | 18 | 758 | 1,168 | 498 | 2,424 | 330 | 916 | 1,227 | 2,473 |
| | 25 | 393 | 826 | 293 | 1,512 | 299 | 1,011 | 1,178 | 2,488 |
| October | 2 | 399 | 628 | 464 | 1,490 | 248 | 777 | 1,345 | 2,370 |
| | 9 | 269 | 674 | 378 | 1,321 | 215 | 873 | 1,312 | 2,401 |
| | 16 | 213 | 310 | 295 | 818 | 188 | 815 | 1,195 | 2,198 |
| | 23 | 276 | 262 | 305 | 843 | 161 | 681 | 1,568 | 2,410 |
| | 30 | 297 | 232 | 317 | 845 | 200 | 673 | 1,359 | 2,233 |
| November | 6 | 287 | 239 | 276 | 801 | 171 | 656 | 1,149 | 1,977 |
| | 13 | 205 | 160 | 212 | 577 | 165 | 628 | 1,128 | 1,920 |
| | 20 | 237 | 176 | 211 | 624 | 158 | 465 | 1,050 | 1,673 |
| Totals | | 6,040 | 6,980 | 4,121 | 17,141 | 2,773 | 9,683 | 14,786 | 27,242 |
| Similar Period 1962 | | 10,899 | 8,262 | 7,388 | 26,548 | 3,207 | 7,226 | 12,626 | 23,059 |
| Average Similar Period 1952-61 | | 5,880 | 10,033 | 6,533 | 22,445 | 8,930 | 15,607 | 14,746 | 39,282 |

| | | Rye | | | | Flaxseed | | | |
|---|---------------|----------------------|-------|-----|-------|----------------------|-------|-------|-------|
| | | - thousand bushels - | | | | - thousand bushels - | | | |
| August | 7, 1963 | - | 2/ | - | 2/ | 3 | 8 | 1 | 12 |
| | 14 | 43 | 124 | 48 | 215 | 4 | 1 | 1 | 6 |
| | 21 | 43 | 172 | 55 | 270 | 13 | 3 | 4 | 20 |
| | 28 | 160 | 229 | 77 | 466 | 295 | 5 | 3 | 303 |
| September | 4 | 119 | 85 | 46 | 250 | 255 | 13 | 8 | 276 |
| | 11 | 26 | 80 | 82 | 188 | 824 | 89 | 24 | 938 |
| | 18 | 16 | 114 | 57 | 187 | 527 | 180 | 44 | 752 |
| | 25 | 20 | 80 | 48 | 148 | 240 | 128 | 67 | 435 |
| October | 2 | 29 | 98 | 50 | 176 | 993 | 628 | 215 | 1,836 |
| | 9 | 14 | 101 | 49 | 164 | 559 | 433 | 250 | 1,242 |
| | 16 | 12 | 77 | 35 | 124 | 271 | 170 | 148 | 589 |
| | 23 | 19 | 71 | 24 | 114 | 188 | 148 | 177 | 513 |
| | 30 | 38 | 68 | 40 | 146 | 88 | 81 | 120 | 288 |
| November | 6 | 41 | 86 | 42 | 169 | 83 | 68 | 127 | 278 |
| | 13 | 34 | 91 | 30 | 155 | 52 | 52 | 90 | 193 |
| | 20 | 26 | 71 | 16 | 114 | 34 | 22 | 48 | 103 |
| Totals..... | | 638 | 1,548 | 700 | 2,887 | 4,428 | 2,029 | 1,327 | 7,784 |
| Similar Period 1962 | | 2,056 | 2,601 | 747 | 5,404 | 5,306 | 2,348 | 1,820 | 9,474 |
| Average Similar Period 1952-61 | | 420 | 1,463 | 834 | 2,718 | 2,724 | 3,920 | 1,781 | 8,425 |

1/ Includes receipts at country, interior private and mill, interior semi-public terminal elevators and platform loadings. 2/ Less than 500 bushels.

Visible Supply of Canadian Oats, November 20, 1963
Compared with Approximately the Same Date, 1961 and 1962

| Position | 1961 | 1962 | 1963 |
|--|--------|--------|--------|
| - thousand bushels - | | | |
| Country elevators - Manitoba..... | 905 | 8,837 | 6,250 |
| Saskatchewan..... | 1,628 | 7,495 | 15,205 |
| Alberta..... | 4,144 | 7,914 | 12,048 |
| Totals..... | 6,677 | 24,247 | 33,502 |
| Interior private and mill..... | 985 | 527 | 458 |
| Interior terminals..... | 626 | 349 | 159 |
| Vancouver-New Westminster..... | 53 | 666 | 1,755 |
| Victoria..... | 1 | - | - |
| Prince Rupert..... | - | 1/ | 12 |
| Fort William-Port Arthur..... | 7,542 | 1,797 | 11,110 |
| In transit rail (Western Division).... | 2,443 | 2,376 | 2,393 |
| Bay, Lake and Upper St. Lawrence ports | 2,667 | 2,798 | 3,407 |
| Lower St. Lawrence and Maritime ports. | 2,085 | 3,580 | 5,356 |
| In transit lake..... | 2,602 | 2,805 | 1,544 |
| In transit rail (Eastern Division).... | - | 41 | 90 |
| Totals..... | 25,681 | 39,187 | 59,786 |

1/ Less than 500 bushels.

Visible Supply of Canadian Barley, November 20, 1963
Compared with Approximately the Same Date, 1961 and 1962

| Position | 1961 | 1962 | 1963 |
|--|--------|--------|--------|
| - thousand bushels - | | | |
| Country elevators - Manitoba..... | 1,219 | 1,431 | 987 |
| Saskatchewan..... | 5,501 | 5,044 | 6,625 |
| Alberta..... | 15,050 | 15,918 | 25,902 |
| Totals..... | 21,770 | 22,393 | 33,513 |
| Interior private and mill..... | 2,568 | 2,195 | 2,227 |
| Interior terminals..... | 2,028 | 1,239 | 416 |
| Vancouver-New Westminster..... | 1,095 | 720 | 1,628 |
| Prince Rupert..... | 734 | 116 | 4 |
| Fort William-Port Arthur..... | 10,743 | 3,770 | 12,434 |
| In transit rail (Western Division).... | 2,129 | 1,979 | 2,972 |
| Bay, Lake and Upper St. Lawrence ports | 2,626 | 1,909 | 3,164 |
| Lower St. Lawrence and Maritime ports. | 4,596 | 3,070 | 4,500 |
| In transit lake..... | 2,607 | 2,987 | 3,421 |
| In transit rail (Eastern Division).... | - | - | 1 |
| United States ports..... | 255 | - | - |
| Totals..... | 51,152 | 40,378 | 64,280 |

Visible Supply of Canadian Rye, November 20, 1963
Compared with Approximately the Same Date, 1961 and 1962

| Position | 1961 | 1962 | 1963 |
|--|-------|-------|-------|
| - thousand bushels - | | | |
| Country elevators - Manitoba..... | 206 | 245 | 243 |
| Saskatchewan..... | 431 | 696 | 1,020 |
| Alberta..... | 351 | 328 | 580 |
| Totals..... | 987 | 1,269 | 1,844 |
| Interior private and mill..... | 60 | 21 | 21 |
| Vancouver-New Westminster..... | 491 | 323 | 223 |
| Fort William-Port Arthur..... | 652 | 808 | 1,299 |
| In transit rail (Western Division)..... | 447 | 716 | 312 |
| Bay, Lake and Upper St. Lawrence ports.. | 548 | 439 | 560 |
| Lower St. Lawrence and Maritime ports.. | 382 | 154 | 552 |
| In transit lake..... | 221 | - | 424 |
| United States ports..... | - | - | 369 |
| Totals..... | 3,789 | 3,729 | 5,605 |

Visible Supply of Canadian Flaxseed, November 20, 1963
Compared with Approximately the Same Date, 1961 and 1962

| Position | 1961 | 1962 | 1963 |
|--|-------|-------|-------|
| - thousand bushels - | | | |
| Country elevators - Manitoba..... | 298 | 604 | 810 |
| Saskatchewan..... | 879 | 1,076 | 1,213 |
| Alberta..... | 1,226 | 1,174 | 1,091 |
| Totals..... | 2,403 | 2,854 | 3,115 |
| Interior private and mill..... | 93 | 41 | 77 |
| Interior terminals..... | 17 | 4 | 38 |
| Vancouver-New Westminster..... | 2,079 | 880 | 840 |
| Churchill..... | - | 1/ | 1/ |
| Fort William-Port Arthur..... | 1,562 | 2,316 | 1,812 |
| In transit rail (Western Division)..... | 675 | 983 | 407 |
| Bay, Lake and Upper St. Lawrence ports.. | 26 | 51 | 36 |
| Lower St. Lawrence and Maritime ports.. | 589 | 928 | 478 |
| In transit lake..... | 750 | 804 | 414 |
| Totals..... | 8,194 | 8,862 | 7,217 |

1/ Less than 500 bushels.

GRADING OF CROPS, 1963-64

The total number of cars of oats, barley, rye and flaxseed inspected by the Board of Grain Commissioners for Canada during the first quarter of the 1963-64 crop year amounted to 24,116 representing an increase of 72 per cent over the 14,047 cars of these grains inspected during the first three months of the 1962-63 crop year. Inspections of barley, at 12,265 cars accounted for 51 per cent of the August-October 1963 total, with the remainder consisting of 7,767 cars of oats (32 per cent); 2,882 cars of flaxseed (12 per cent); and 1,202 cars of rye (5 per cent).

With the exception of oats, the quality of this year's inspections has been above-average. The relatively large proportion of inspected grain entering the higher grades during the first three months of the 1963-64 crop year reflects the good quality of the 1963 crop combined with stocks carried over from the previous year. Percentages of the four grains falling into the higher grades (excluding "Toughs" and "Damps") during the August-October period of 1963 with comparable data for the entire 1962-63 crop year and the five-year (1957-58--1961-62) averages, respectively, in brackets, were as follows: oats, 1 Feed or higher, 92.2 (86.3, 92.4); barley, 1 Feed or higher, 82.8 (77.5, 81.4); rye, 3 C.W. or higher, 94.3 (96.7, 91.0); and flaxseed, 1 C.W. and 2 C.W., 95.1 (77.2, 90.9).

Gradings of Oats, Barley, Rye and Flaxseed Inspected*, August-October 1963 with Comparisons

| Grain and Grade | Crop Year | | August-October | | Grain and Grade | Crop Year | | August-October | |
|--|---------------------|---------|----------------|----------|--|---------------------|---------|----------------|----------|
| | Average | | 1963-64 | | | Average | | 1963-64 | |
| | 1957-58- 1961-62 | 1962-63 | | | | 1957-58- 1961-62 | 1962-63 | | |
| | - per cent - | | cars | per cent | | - per cent - | | cars | per cent |
| <u>OATS</u> | | | | | <u>BARLEY</u> | | | | |
| 1 C.W. | 1/ | - | - | - | 1 C.W. Six-Row. | 0.1 | - | - | - |
| 2 C.W. | 0.4 | 0.3 | 3 | 1/ | 2 C.W. Six-Row. | 4.4 | 0.7 | 55 | 0.4 |
| Ex. 3 C.W. | 2.3 | 4.9 | 151 | 1.9 | 3 C.W. Six-Row. | 23.5 | 25.5 | 3,110 | 25.4 |
| 3 C.W. | 16.2 | 29.3 | 2,649 | 34.1 | 4 C.W. Six-Row. | 3.4 | - | - | - |
| Ex. 1 Feed | 16.8 | 20.2 | 1,123 | 14.5 | 1 C.W. Two-Row. | 1/ | 0.1 | - | - |
| 1 Feed | 56.7 | 31.6 | 3,241 | 41.7 | 2 C.W. Two-Row. | 1.2 | 0.9 | 71 | 0.6 |
| 2 Feed | 2.6 | 1.6 | 146 | 1.9 | 3 C.W. Two-Row. | 6.0 | 3.5 | 750 | 6.1 |
| 3 Feed | 0.4 | 0.2 | 27 | 0.3 | 1 Feed | 42.8 | 46.8 | 6,174 | 50.3 |
| Mixed Feed 2/ ... | 0.7 | 0.2 | 17 | 0.2 | 2 Feed | 10.1 | 6.7 | 805 | 6.6 |
| Tough 2/ 3/ | 2.5 | 10.7 | 368 | 4.7 | 3 Feed | 1.0 | 0.9 | 72 | 0.6 |
| Damp 2/ 4/ | 0.3 | 0.7 | 4 | 0.1 | Tough 2/ 5/ | 5.6 | 13.9 | 1,172 | 9.6 |
| Rejected 2/ | 0.4 | 0.1 | 18 | 0.2 | Damp 2/ 6/ | 0.7 | 0.5 | 9 | 0.1 |
| All others | 0.6 | 0.1 | 20 | 0.3 | Rejected | 1.0 | 0.6 | 41 | 0.3 |
| | | | | | All others..... | 0.1 | 1/ | 6 | 1/ |
| Totals 100.0 100.0 7,767 100.0 | | | | | Totals ... 100.0 100.0 12,265 100.0 | | | | |
| Bushel equivalent (approximately) 22,601,000 | | | | | Bushel equivalent (approximately) 27,632,000 | | | | |
| <u>RYE</u> | | | | | <u>FLAXSEED</u> | | | | |
| 1 C.W. | 1.1 | 2.3 | 24 | 2.0 | 1 C.W. | 81.0 | 75.8 | 2,723 | 94.5 |
| 2 C.W. | 61.1 | 52.6 | 614 | 51.1 | 2 C.W. | 9.9 | 1.4 | 16 | 0.6 |
| 3 C.W. | 28.8 | 41.8 | 495 | 41.2 | 3 C.W. | 1.6 | 0.5 | 20 | 0.7 |
| 4 C.W. | 4.4 | 1.0 | 13 | 1.1 | 4 C.W. | 0.2 | 1/ | 2 | 0.1 |
| Ergoty | 1.6 | 1.0 | 49 | 4.1 | Tough 2/ 7/ ... | 4.5 | 14.5 | 49 | 1.7 |
| Tough 2/ 3/ | 2.4 | 1.1 | 7 | 0.6 | Damp 2/ 8/ | 1.7 | 7.5 | - | - |
| Damp 2/ 4/ | 0.1 | 1/ | - | - | Rejected 2/ ... | 0.3 | 0.2 | 52 | 1.8 |
| Rejected 2/ | 0.3 | 1/ | - | - | All others..... | 0.8 | 0.1 | 20 | 0.7 |
| All others | 0.1 | 0.2 | - | - | | | | | |
| Totals..... 100.0 100.0 1,202 100.0 | | | | | Totals ... 100.0 100.0 2,882 100.0 | | | | |
| Bushel equivalent (approximately) 2,354,000 | | | | | Bushel equivalent (approximately) 5,504,000 | | | | |

* Both old and new crop.

1/ Less than .05 per cent. 2/ All grades. 3/ Moisture content 14.1 per cent to 16.5 per cent.

4/ Moisture content over 16.5 per cent. 5/ Moisture content 14.9 per cent to 17 per cent.

6/ Moisture content over 17 per cent. 7/ Moisture content 10.6 per cent to 13.5 per cent.

8/ Moisture content over 13.5 per cent.

FARMERS' MARKETINGS OF WHEAT, PRAIRIE PROVINCES

(SPECIFIED PERIODS)

MILLION BUSHEL

550

500

450

400

350

300

250

200

150

100

50

0

MILLION BUSHEL

550

500

450

400

350

300

250

200

150

100

50

0

PEAK MARKETINGS
1952-53 CROP YEAR
536.0 MILLION BUSHEL

30 year average 10 year average
1932-33 1952-53
1961-62 1961-62

1958-59

1959-60

1960-61

1961-62

1962-63

1963-64

JULY

JUNE

MAY

APR.

MAR.

FEB.

JAN.

DEC.

NOV.

OCT.

SEPT.

AUG.

EXPORTS OF CANADIAN WHEAT* AND WHEAT FLOUR**

(SPECIFIED PERIODS)

MILLION BUSHEL

550 —

500 —

450 —

400 —

350 —

300 —

250 —

200 —

150 —

100 —

50 —

0

MILLION BUSHEL

550 —

500 —

450 —

400 —

350 —

300 —

250 —

200 —

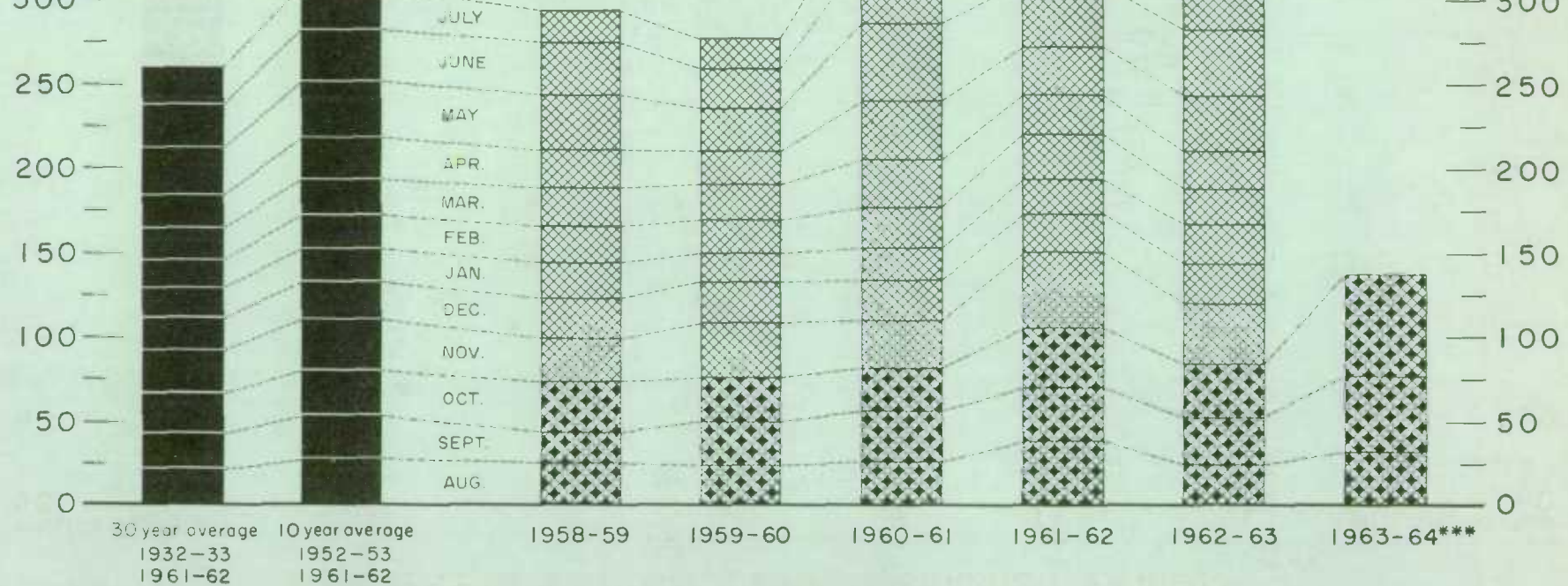
150 —

100 —

50 —

0

PEAK EXPORTS
1928-29 CROP YEAR
407.6 MILLION BUSHEL

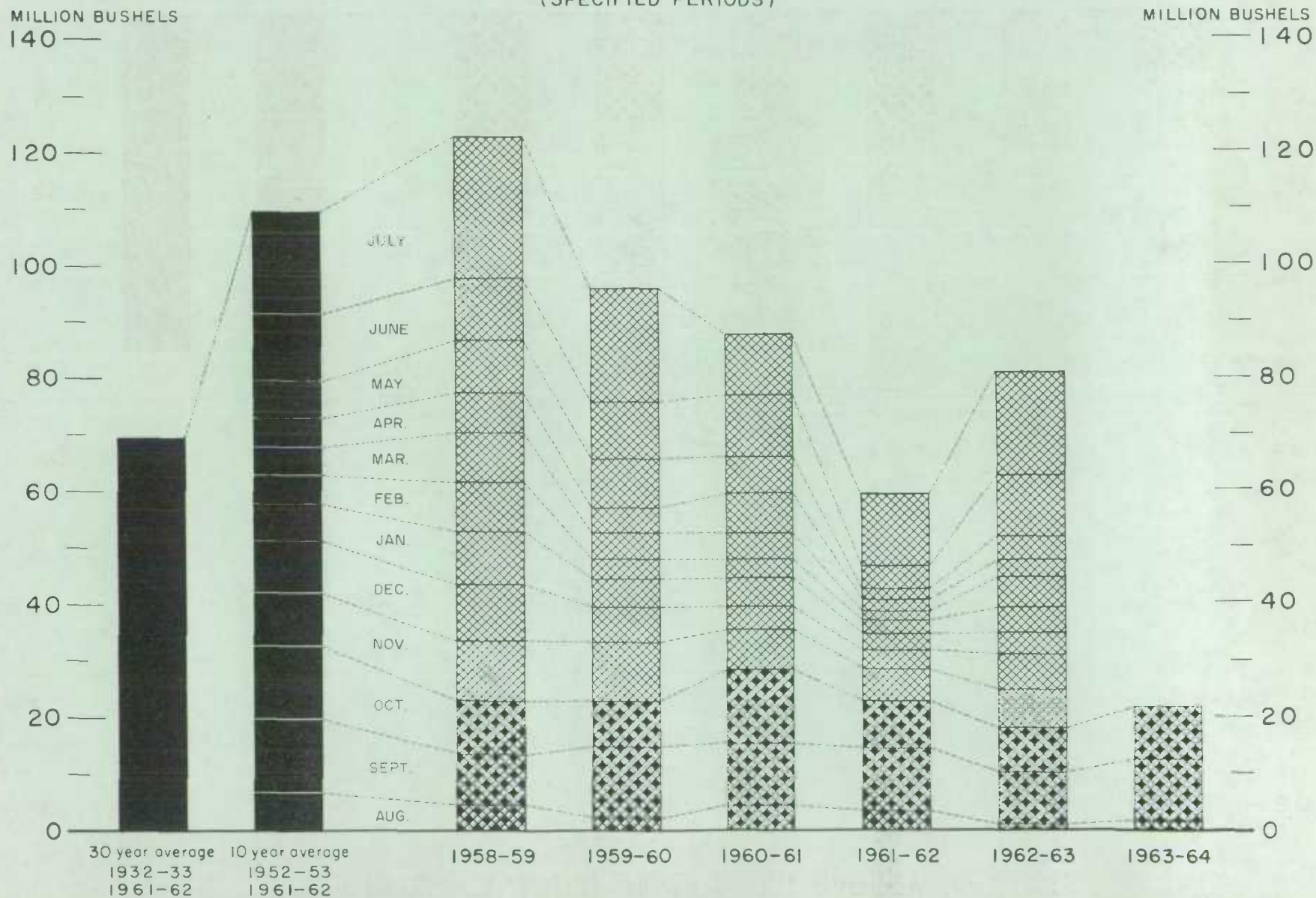


* Beginning with 1956-57 includes bagged seed wheat.

** In terms of wheat equivalent. *** Preliminary.

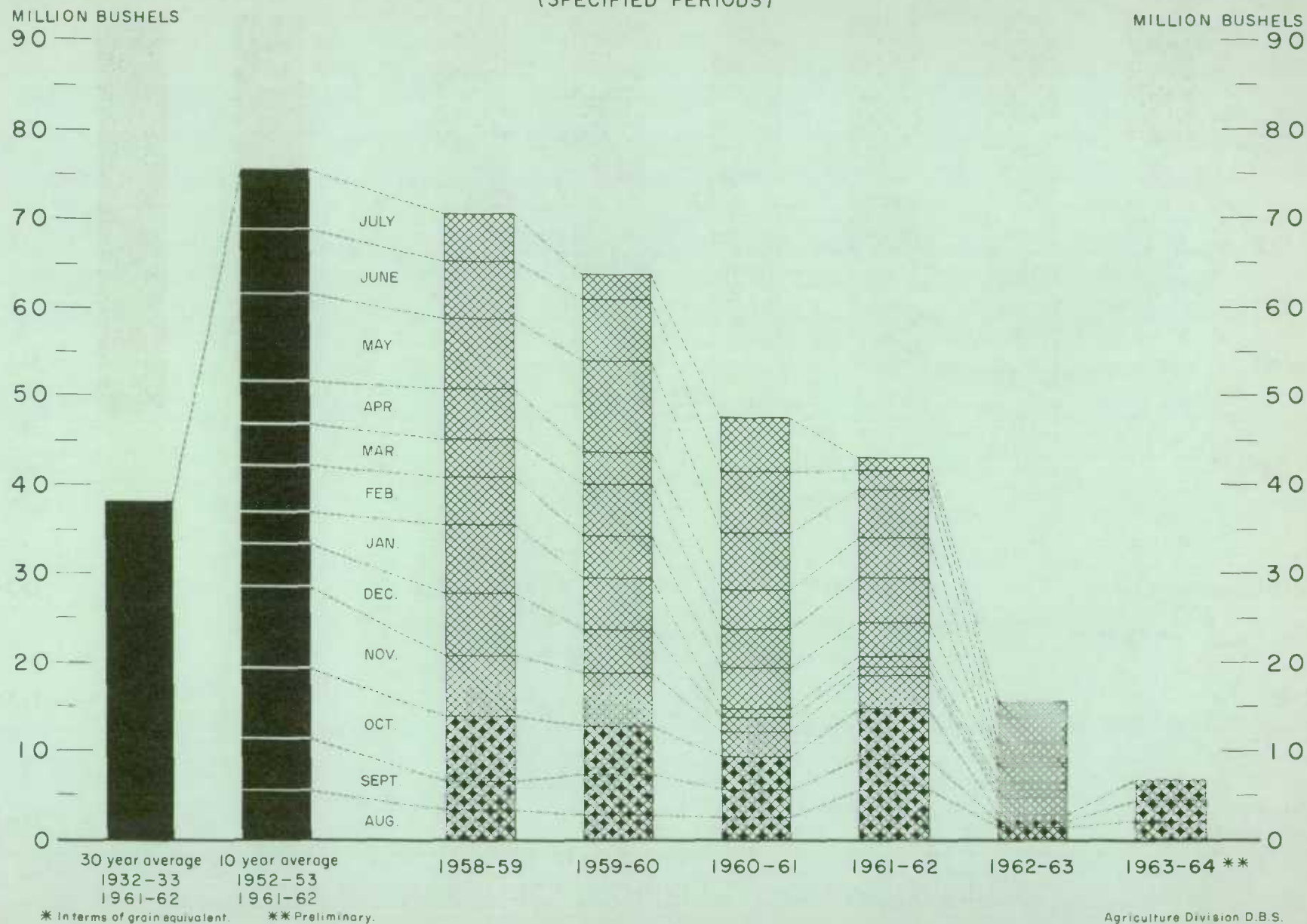
Agriculture Division D.B.S.

FARMERS' MARKETINGS OF BARLEY, PRAIRIE PROVINCES (SPECIFIED PERIODS)



EXPORTS OF CANADIAN BARLEY AND BARLEY PRODUCTS*

(SPECIFIED PERIODS)



FARMERS' MARKETINGS OF OATS, PRAIRIE PROVINCES

(SPECIFIED PERIODS)

MILLION BUSHELS

100 —
—
90 —
—
80 —
—
70 —
—
60 —
—
50 —
—
40 —
—
30 —
—
20 —
—
10 —
—
0

MILLION BUSHELS

100 —
—
90 —
—
80 —
—
70 —
—
60 —
—
50 —
—
40 —
—
30 —
—
20 —
—
10 —
—
0

30 year average

1932-33
1961-62

10 year average

1952-53
1961-62

JULY
JUN.
M.
A.
M.
F.
J.
D.
NOV.
OCT.
SEPT.
AUG.

1958-59

1959-60

1960-61

1961-62

1962-63

1963-64

EXPORTS OF CANADIAN OATS* AND OAT PRODUCTS**

(SPECIFIED PERIODS)

MILLION BUSHELS

45 —

MILLION BUSHELS

— 45

40 —

— 40

35 —

— 35

30 —

— 30

25 —

— 25

20 —

— 20

15 —

— 15

10 —

— 10

5 —

— 5

0 —

— 0

30 year average 10 year average
 1932-33 1952-53
 1961-62 1961-62

1958-59

1959-60

1960-61

1961-62

1962-63

1963-64***

J
J
M
A
M
F
J
D
N
O
S
A

*Beginning with 1960-61 includes relatively small quantity of bagged seed. **In terms of grain equivalent ***Preliminary.

Agriculture Division D.B.S.

FARMERS' MARKETINGS OF CANADA'S FIVE MAJOR GRAINS*, PRAIRIE PROVINCES

MILLION BUSHELS

900 —

800 —

700 —

600 —

500 —

400 —

300 —

200 —

100 —

0

(SPECIFIED PERIODS)

MILLION BUSHELS

900 —

800 —

700 —

600 —

500 —

400 —

300 —

200 —

100 —

0

JULY

JUNE

MAY

APR.

MAR.

FEB.

JAN.

DEC.

NOV.

OCT.

SEPT.

AUG.

30 year average 10 year average
1932-33 1952-53
1961-62 1961-62

1958-59

1959-60

1960-61

1961-62

1962-63

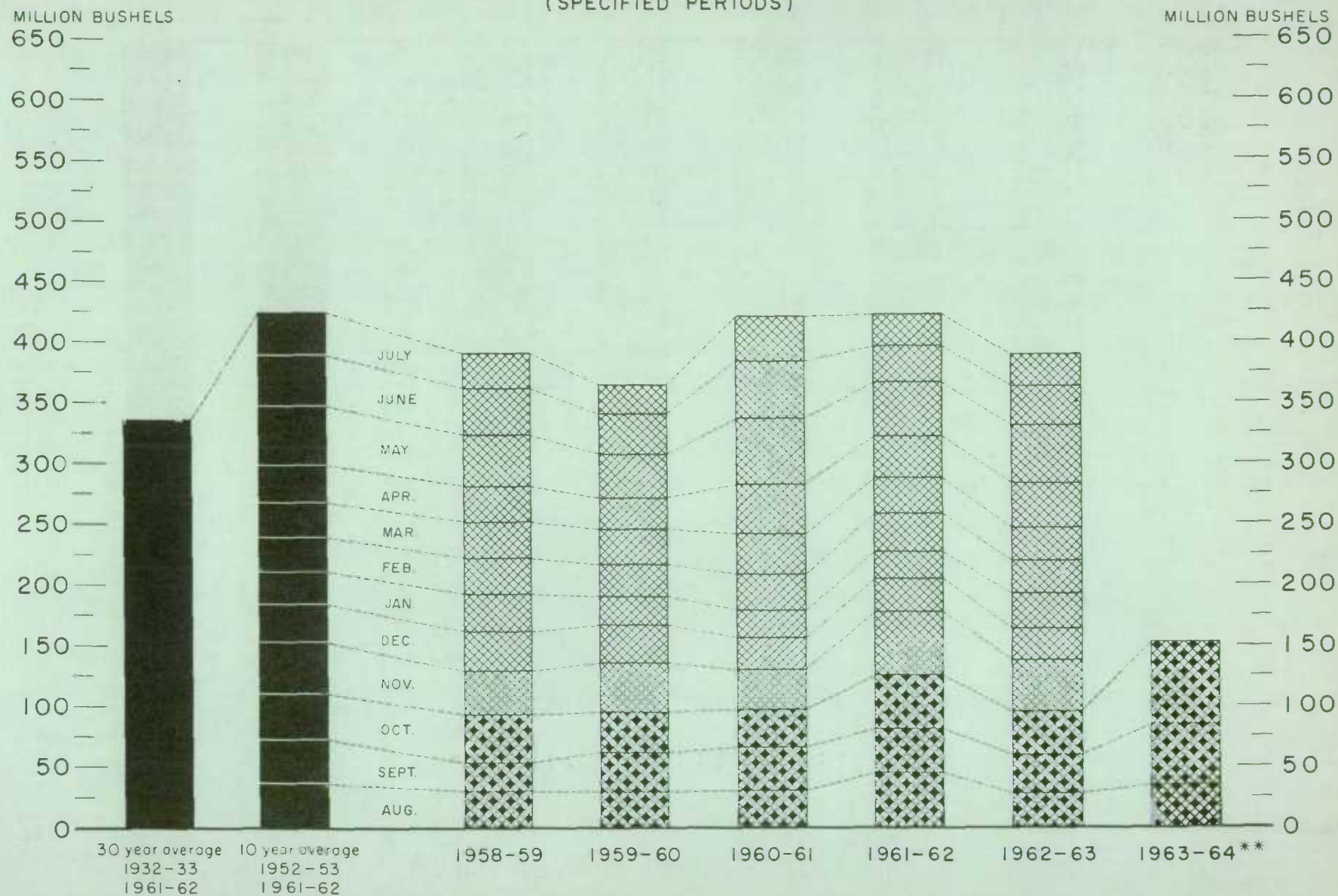
1963-64

* Wheat, oats, barley, rye and flaxseed.

Agriculture Division D.B.S.

EXPORTS OF CANADA'S FIVE MAJOR GRAINS AND PRODUCTS*

(SPECIFIED PERIODS)



* Wheat, bagged seed wheat, and wheat flour; oats, bagged seed oats, and oatmeal and rolled oats; barley, malt and pot and pearl; rye and flaxseed.
 ** Preliminary.

Agriculture Division D.B.S.

LAKE SHIPMENTS FROM FORT WILLIAM-PORT ARTHUR

Lake shipments of the five major grains out of Fort William-Port Arthur from the beginning of the 1963 navigation season to November 20 amounted to 277.2 million bushels, an increase of 35 per cent over the 205.9 million shipped during the corresponding period of 1962. The 1963 season of navigation opened on April 19 while the 1962 season opened on April 22. Lake shipments of wheat, at 194.9 million bushels, were sharply above the 1962 comparable figure of 146.1 million and accounted for 70 per cent of the current total. Shipments of oats, at 38.1 million, and barley, at 34.6 million, were also considerably higher than last year's levels of 21.3 million and 25.7 million bushels, respectively. Shipments of rye at 3.6 million and flaxseed at 6.1 million were the only two of the five grains shipped in smaller volume this year than last.

Combined lake shipments of the five major grains from August 1 to November 20 of the current crop year, amounted to 157.6 million bushels, 34 per cent above the 1962 figure of 117.7 million. During the period under review, shipments of wheat, oats and barley were moving in greater volume this crop year than last while decreases occurred in lake shipments of rye and flaxseed.

Lake Shipments of Canadian Grain from Fort William-Port Arthur, from the Opening of Navigation to November 20, 1963 and to Approximately the Same Date 1953-62

| Year | Wheat | Oats | Barley | Rye | Flaxseed | Total |
|-------------------------|---------|--------|---------|--------|----------|---------|
| - thousand bushels - | | | | | | |
| 1953..... | 187,441 | 86,386 | 102,234 | 15,547 | 5,848 | 397,457 |
| 1954..... | 116,051 | 50,817 | 73,006 | 6,750 | 4,147 | 250,770 |
| 1955..... | 119,045 | 29,610 | 60,104 | 10,105 | 8,865 | 227,730 |
| 1956..... | 179,241 | 40,583 | 81,464 | 10,174 | 9,558 | 321,020 |
| 1957..... | 134,292 | 41,831 | 50,001 | 4,147 | 10,620 | 240,891 |
| 1958..... | 161,762 | 39,780 | 66,459 | 5,242 | 7,991 | 281,233 |
| 1959..... | 154,315 | 28,875 | 45,815 | 4,651 | 6,131 | 239,787 |
| 1960..... | 164,082 | 25,197 | 48,061 | 3,545 | 8,243 | 249,128 |
| 1961..... | 206,597 | 22,915 | 40,223 | 4,284 | 7,517 | 281,536 |
| 1962..... | 146,110 | 21,251 | 25,714 | 5,308 | 7,522 | 205,905 |
| 1963..... | 194,919 | 38,053 | 34,587 | 3,575 | 6,058 | 277,191 |
| August 1 to November 20 | | | | | | |
| 1962..... | 80,458 | 14,088 | 14,409 | 4,132 | 4,580 | 117,667 |
| 1963..... | 110,959 | 18,021 | 23,755 | 2,028 | 2,868 | 157,631 |

RAIL SHIPMENTS FROM FORT WILLIAM-PORT ARTHUR

Rail movement of wheat, oats, barley, rye and flaxseed from the Lakehead during the first three months of the current crop year amounted to 223 thousand bushels, 13 per cent below the comparable 1962 total of 257 thousand bushels.

Rail Shipments of Canadian Grain from Fort William-Port Arthur, August-October 1963 and 1962

| Month | Wheat | Oats | Barley | Rye | Flaxseed | Total |
|-----------------------|-------|------|--------|-----|----------|-------|
| - thousand bushels - | | | | | | |
| August, 1963..... | 6 | 50 | 4 | - | - | 59 |
| September..... | 9 | 48 | 5 | - | - | 63 |
| October..... | 25 | 59 | 15 | 2 | - | 101 |
| Totals..... | 40 | 157 | 25 | 2 | - | 223 |
| Same Period 1962..... | 48 | 171 | 30 | - | 7 | 257 |

FREIGHT ASSISTANCE SHIPMENTS

Claims filed for payment up to October 31, 1963 represent the movement of 13.2 million bushels of wheat, oats, barley and rye from the Prairie Provinces to Eastern Canada and British Columbia under the freight assistance policy during the August-September period of the current crop year. During the same months of 1962 claims had been filed for a total of 7.9 million bushels, indicating on the assumption of approximately the same rate of submission of claims during both the current and the preceding crop years that the 1963-64 August-September shipments under the policy were running about 67 per cent above those of 1962-63. Revised data on shipments of the same four grains during the first two months of the 1962-63 crop year, based on claims submitted up to October 31, 1963 place the total at 9.0 million bushels.

Preliminary data on the movement of screenings and millfeeds under the freight assistance policy indicate that 12,573 tons and 62,844 tons, respectively, were shipped during the August-September period of the current crop year. As with wheat, oats, barley and rye these totals are based on claims submitted up to October 31, 1963 and will likely be subject to considerable upward revision with the filing of additional claims.

Data covering the crop year 1962-63 (based on claims submitted up to October 31, 1963) indicate that total shipments of wheat, oats, barley and rye moved under the freight assistance policy amounted to 62.8 million bushels, some 9 per cent above the comparable 1961-62 total of 57.9 million. Shipments of screenings at 79,277 tons were 23 per cent greater than the 1961-62 crop year total of 64,603 tons. Shipments of millfeeds, at 471,034 tons, decreased by 14 per cent from the 1961-62 figure of 547,932 tons.

Provincial Distribution of Shipments under the Freight Assistance Policy, 1963 and 1962

| Province | Wheat | Oats | Barley | Rye | Screenings | Millfeeds |
|----------------------------------|--------------------------------|--------|--------|-----|------------|-----------|
| | - thousand bushels - | | | | - tons - | |
| | August 1 to September 30, 1963 | | | | | |
| Newfoundland..... | 22 | 36 | 15 | - | 223 | 536 |
| Prince Edward Island.... | 21 | 21 | 40 | - | 116 | 1,103 |
| Nova Scotia..... | 273 | 214 | 145 | - | 798 | 3,716 |
| New Brunswick..... | 91 | 158 | 92 | - | 944 | 3,723 |
| Quebec..... | 1,071 | 2,891 | 2,326 | 8 | 4,570 | 31,666 |
| Ontario..... | 1,143 | 2,046 | 2,123 | 6 | 5,539 | 19,147 |
| British Columbia..... | 125 | 158 | 197 | - | 383 | 2,953 |
| Totals <u>1/</u> | 2,745 | 5,526 | 4,939 | 14 | 12,573 | 62,844 |
| Same period 1962: | | | | | | |
| Preliminary <u>2/</u> | 1,480 | 3,328 | 3,107 | 15 | 7,320 | 60,989 |
| Revised <u>1/</u> | 1,752 | 3,682 | 3,524 | 15 | 9,137 | 77,974 |
| | Crop Year 1962-63 | | | | | |
| Newfoundland..... | 105 | 325 | 148 | 1 | 2,104 | 6,779 |
| Prince Edward Island.... | 97 | 116 | 224 | - | 1,016 | 7,554 |
| Nova Scotia..... | 772 | 1,438 | 851 | - | 7,739 | 31,953 |
| New Brunswick..... | 328 | 825 | 543 | 1 | 5,879 | 27,997 |
| Quebec..... | 4,323 | 13,483 | 11,520 | 44 | 31,948 | 234,376 |
| Ontario..... | 3,500 | 9,533 | 7,947 | 17 | 27,512 | 129,178 |
| British Columbia..... | 1,775 | 2,502 | 2,384 | - | 3,079 | 33,197 |
| Totals <u>1/</u> | 10,899 | 28,221 | 23,618 | 64 | 79,277 | 471,034 |
| Crop Year 1961-62 <u>1/</u> | 12,634 | 21,630 | 23,482 | 126 | 64,603 | 547,932 |

1/ Based on claims filed up to October 31, 1963.

2/ Based on claims filed up to October 31, 1962.

Exports of Canadian Oats and Barley 1963-64 and 1962-63

| Destination | August 1963 | September 1963 | October 1963 | August-October | |
|--|----------------|-------------------|-----------------|----------------|-----------|
| | | | | 1963-64 | 1962-63 |
| | | | - bushels - | | |
| | | | <u>OATS 1/</u> | | |
| <u>COMMONWEALTH AND PREFERENTIAL COUNTRIES</u> | | | | | |
| <u>Western Europe</u> | | | | | |
| Britain..... | - | 65,883 | 131,765 | 197,648 | 359,963 |
| <u>Central America and Antilles</u> | | | | | |
| Barbados..... | - | - | - | - | 706 |
| Totals, Com. and Pref. Countries... | - | 65,883 | 131,765 | 197,648 | 360,669 |
| <u>OTHER COUNTRIES</u> | | | | | |
| <u>Western Europe</u> | | | | | |
| Belgium and Luxembourg..... | - | 197,647 | 204,249 | 401,896 | - |
| Germany, Federal Republic..... | - | - | 43,812 | 43,812 | - |
| Italy..... | - | - | 574,058 | 574,058 | - |
| Netherlands..... | 66,967 | - | 978,192 | 1,045,159 | 67,632 |
| Switzerland..... | 474,943 | - | - | 474,943 | 164,706 |
| <u>Other Africa</u> | | | | | |
| Mozambique..... | 121,324 | - | - | 121,324 | - |
| <u>Other Asia</u> | | | | | |
| Japan..... | - | - | - | - | 37,224 |
| <u>South America</u> | | | | | |
| Venezuela..... | - | - | - | - | 1,935 |
| <u>Central America and Antilles</u> | | | | | |
| Panama..... | 5,882 | - | 5,883 | 11,765 | - |
| <u>North America</u> | | | | | |
| United States | | | | | |
| For domestic use 2/..... | 78,998 | 174,991 | 121,768 | 375,757 | 310,845 |
| Totals, Other Countries..... | 748,114 | 372,638 | 1,927,962 | 3,048,714 | 582,342 |
| Totals, All Countries..... | 748,114 | 438,521 | 2,059,727 | 3,246,362 | 943,011 |
| <u>BARLEY 1/</u> | | | | | |
| <u>COMMONWEALTH AND PREFERENTIAL COUNTRIES</u> | | | | | |
| <u>Western Europe</u> | | | | | |
| Britain..... | 550,550 | 472,500 | 65,333 | 1,088,383 | 803,894 |
| Ireland..... | - | - | - | - | 415,000 |
| Totals, Com. and Pref. Countries... | 550,550 | 472,500 | 65,333 | 1,088,383 | 1,218,894 |
| <u>OTHER COUNTRIES</u> | | | | | |
| <u>Middle East</u> | | | | | |
| Saudi Arabia..... | - | 42,000 | - | 42,000 | - |
| <u>Other Asia</u> | | | | | |
| Japan..... | 484,190 | 1,209,912 | - | 1,694,102 | - |
| Korea..... | - | - | 1,297,470 | 1,297,470 | - |
| <u>North America</u> | | | | | |
| United States | | | | | |
| For domestic use 2/..... | 399,175 | 397,680 | 585,368 | 1,382,223 | 370,000 |
| Totals, Other Countries..... | 883,365 | 1,649,592 | 1,882,838 | 4,415,795 | 370,000 |
| Totals, All Countries..... | 1,433,915 | 2,122,092 | 1,948,171 | 5,504,178 | 1,588,894 |

1/ See footnotes on page 21.

Exports of Canadian Rye and Flaxseed 1963-64 and 1962-63

| Destination | August 1963 | September 1963 | October 1963 | August-October | |
|--|----------------|-------------------|--------------------|----------------|-----------|
| | | | | 1963-64 | 1962-63 |
| | | | - bushels - | | |
| | | | <u>RYE 1/</u> | | |
| <u>COMMONWEALTH AND PREFERENTIAL COUNTRIES</u> | | | | | |
| <u>Western Europe</u> | | | | | |
| Britain..... | 12,000 | - | 40,000 | 52,000 | 18,000 |
| <u>OTHER COUNTRIES</u> | | | | | |
| <u>Western Europe</u> | | | | | |
| Belgium and Luxembourg..... | 2,000 | 44,000 | 6,000 | 52,000 | 274,046 |
| Germany, Federal Republic..... | - | - | - | - | 1,291,802 |
| Netherlands..... | 110,606 | 199,887 | 179,973 | 490,466 | 548,930 |
| Norway..... | - | - | 231,000 | 231,000 | 118,150 |
| Sweden..... | - | - | - | - | 84,000 |
| Switzerland..... | - | - | - | - | 4,000 |
| <u>Other Africa</u> | | | | | |
| Mozambique..... | - | - | 720 | 720 | 643 |
| <u>Other Asia</u> | | | | | |
| Japan..... | - | - | - | - | 75,321 |
| <u>North America</u> | | | | | |
| <u>United States</u> | | | | | |
| For domestic use <u>2/</u> | - | - | - | - | 265,678 |
| Totals, Other Countries..... | 112,606 | 243,887 | 417,693 | 774,186 | 2,662,570 |
| Totals, All Countries..... | 124,606 | 243,887 | 457,693 | 826,186 | 2,680,570 |
| | | | <u>FLAXSEED 1/</u> | | |
| <u>COMMONWEALTH AND PREFERENTIAL COUNTRIES</u> | | | | | |
| <u>Western Europe</u> | | | | | |
| Britain..... | 393,432 | 231,962 | 512,688 | 1,138,082 | 1,273,822 |
| <u>OTHER COUNTRIES</u> | | | | | |
| <u>Western Europe</u> | | | | | |
| Belgium and Luxembourg..... | - | - | - | - | 52,107 |
| France..... | - | - | - | - | 40,500 |
| Germany, Federal Republic..... | - | - | 80,698 | 80,698 | 279,439 |
| Greece..... | - | 42,120 | - | 42,120 | 37,400 |
| Netherlands..... | - | - | 192,688 | 192,688 | 341,136 |
| Norway..... | - | - | - | - | 143,057 |
| Portugal..... | - | 57,066 | - | 57,066 | 105,784 |
| Spain..... | 35,080 | - | 39,640 | 74,720 | - |
| <u>Eastern Europe</u> | | | | | |
| Yugoslavia..... | 126,000 | - | - | 126,000 | - |
| <u>Middle East</u> | | | | | |
| Israel..... | - | - | - | - | 28,560 |
| <u>Other Asia</u> | | | | | |
| Japan..... | 229,216 | 320,461 | 257,784 | 807,461 | 805,946 |
| Totals, Other Countries..... | 390,296 | 419,647 | 570,810 | 1,380,753 | 1,833,929 |
| Totals, All Countries..... | 783,728 | 651,609 | 1,083,498 | 2,518,835 | 3,107,751 |

1/ See footnotes on page 21.

Exports of Canadian Rapeseed 1/ 1963-64 and 1962-63

| Destination | August 1963 | September 1963 | October 1963 | August-October | |
|-----------------------------|----------------|-------------------|-----------------|----------------|---------|
| | | | | 1963-64 | 1962-63 |
| - bushels - | | | | | |
| <u>OTHER COUNTRIES</u> | | | | | |
| <u>Western Europe</u> | | | | | |
| Belgium and Luxembourg..... | - | - | - | - | 15,008 |
| Italy..... | - | - | - | - | 355,103 |
| Netherlands..... | - | - | - | - | 12,338 |
| <u>Other Asia</u> | | | | | |
| Japan..... | 346,984 | 146,909 | 284,546 | 778,439 | 21,504 |
| Totals, All Countries..... | 346,984 | 146,909 | 284,546 | 778,439 | 403,953 |

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

2/ Compiled from returns of Canadian elevator licensees and shippers and advice from American grain correspondents.

Customs Exports of Canadian Oatmeal and Rolled Oats 1/ 1963-64 and 1962-63

| Destination | August 1963 | September 1963 | October 1963 | August-October 1963-64 1962-63 | |
|--|----------------|-------------------|-----------------|--|--------|
| - bushels - | | | | | |
| <u>COMMONWEALTH AND PREFERENTIAL COUNTRIES</u> | | | | | |
| <u>Other Africa</u> | | | | | |
| Mauritius and Dependencies..... | 492 | 492 | - | 984 | 775 |
| <u>Other Asia</u> | | | | | |
| Ceylon..... | 1,492 | - | - | 1,492 | 2,643 |
| Hong Kong..... | 3,197 | 6,639 | 3,443 | 13,279 | 13,484 |
| Malaya and Singapore..... | 5,754 | 14,268 | 6,541 | 26,563 | 38,500 |
| <u>Oceania</u> | | | | | |
| Fiji..... | - | 76 | - | 76 | 231 |
| British Oceania, nes | - | - | - | - | 55 |
| <u>South America</u> | | | | | |
| British Guiana..... | 339 | 1,114 | 481 | 1,934 | 769 |
| <u>Central America and Antilles</u> | | | | | |
| Bahamas..... | - | - | - | - | 884 |
| Bermuda..... | 38 | 33 | 66 | 137 | 934 |
| British Honduras..... | 169 | 366 | 131 | 666 | 319 |
| Barbados..... | 443 | 142 | 421 | 1,006 | 1,203 |

Customs Exports of Canadian Oatmeal and Rolled Oats 1/ 1963-64 and 1962-63

| Destination | August 1963 | September 1963 | October 1963 | August-October 1963-64 1962-63 | |
|--|----------------|-------------------|-----------------|-----------------------------------|---------|
| - bushels - | | | | | |
| COMMONWEALTH AND PREFERENTIAL COUNTRIES (concl.) | | | | | |
| Central America and Antilles | | | | | |
| Jamaica..... | 1,721 | 1,749 | 1,721 | 5,191 | 7,791 |
| Leeward and Windward Islands..... | 765 | 410 | 328 | 1,503 | 2,901 |
| Trinidad and Tobago..... | 1,350 | 1,104 | 726 | 3,180 | 2,104 |
| Totals, Com. and Pref. Countries..... | 15,760 | 26,393 | 13,858 | 56,011 | 72,593 |
| OTHER COUNTRIES | | | | | |
| Other Africa | | | | | |
| Portuguese Africa, nes | - | - | - | - | 77 |
| Other Asia | | | | | |
| Philippines..... | 3,934 | 3,934 | 3,935 | 11,803 | 12,363 |
| Thailand..... | 738 | 617 | 902 | 2,257 | 2,231 |
| Viet-Nam..... | 410 | - | 197 | 607 | 802 |
| Oceania | | | | | |
| French Oceania..... | - | - | - | - | 77 |
| South America | | | | | |
| Bolivia..... | 798 | 738 | 1,044 | 2,580 | - |
| Chile..... | - | 126 | - | 126 | - |
| Colombia..... | - | - | - | - | 3,385 |
| Ecuador..... | 617 | 863 | - | 1,480 | - |
| Peru..... | 1,530 | 4,503 | 4,240 | 10,273 | 192 |
| Venezuela..... | - | - | 120 | 120 | 34,945 |
| Central America and Antilles | | | | | |
| Costa Rica..... | - | 306 | 546 | 852 | - |
| Dominican Republic..... | - | 699 | 3,574 | 4,273 | 8,654 |
| El Salvador..... | 22 | 153 | - | 175 | - |
| Guatemala..... | 7,661 | 700 | 4,645 | 13,006 | - |
| Honduras..... | 546 | - | - | 546 | 549 |
| Nicaragua..... | 5,760 | 5,929 | 10,082 | 21,771 | 1,528 |
| Panama..... | 2,432 | 2,115 | 6,726 | 11,273 | 467 |
| North America | | | | | |
| St. Pierre and Miquelon..... | 27 | - | - | 27 | 104 |
| United States..... | - | - | 2,678 | 2,678 | 2,654 |
| Totals, Other Countries..... | 24,475 | 20,683 | 38,689 | 83,847 | 68,028 |
| Totals, All Countries..... | 40,235 | 47,076 | 52,547 | 139,858 | 140,621 |

1/ In terms of oats equivalent. Conversion rate: 1 bushel of oats equals 18.3 pounds of oatmeal and rolled oats.

Customs Exports of Canadian Malt 1/ 1963-64 and 1962-63

| Destination | August | September | October | August-October | |
|--|---------|-----------|---------|----------------|-----------|
| | 1963 | 1963 | 1963 | 1963-64 | 1962-63 |
| - bushels - | | | | | |
| <u>COMMONWEALTH AND PREFERENTIAL COUNTRIES</u> | | | | | |
| <u>Other Africa</u> | | | | | |
| Ghana..... | - | - | - | - | 6,111 |
| Rhodesia and Nyasaland..... | 21,933 | 11,200 | - | 33,133 | - |
| <u>Other Asia</u> | | | | | |
| Ceylon..... | 3,111 | - | - | 3,111 | - |
| Hong Kong..... | 6,111 | 6,111 | - | 12,222 | 12,222 |
| <u>South America</u> | | | | | |
| British Guiana..... | - | 2,222 | - | 2,222 | 2,220 |
| <u>Central America and Antilles</u> | | | | | |
| Barbados..... | - | - | 2,333 | 2,333 | - |
| Jamaica..... | 8,206 | - | 19,508 | 27,714 | 69,794 |
| Totals, Com. and Pref. Countries..... | 39,361 | 19,533 | 21,841 | 80,735 | 90,347 |
| <u>OTHER COUNTRIES</u> | | | | | |
| <u>Western Europe</u> | | | | | |
| Greece..... | - | - | 6,125 | 6,125 | - |
| <u>Other Asia</u> | | | | | |
| Philippines..... | 73,333 | 24,444 | 45,833 | 143,610 | 85,555 |
| <u>South America</u> | | | | | |
| Brazil..... | 20,472 | 44,489 | - | 64,961 | 49,255 |
| Peru..... | 24,445 | 37,889 | 24,445 | 86,779 | 80,972 |
| Venezuela..... | 38,811 | 16,814 | 58,367 | 113,992 | 90,734 |
| <u>Central America and Antilles</u> | | | | | |
| Costa Rica..... | 3,056 | 3,056 | 3,056 | 9,168 | 3,056 |
| Dominican Republic..... | 10,069 | 7,553 | - | 17,622 | 16,995 |
| El Salvador..... | - | 3,056 | 6,111 | 9,167 | 21,450 |
| Guatemala..... | 1,564 | 15,889 | 19,361 | 36,814 | 59,125 |
| Nicaragua..... | 12,222 | - | - | 12,222 | 12,222 |
| Panama..... | 9,167 | 3,483 | 6,111 | 18,761 | 18,334 |
| Puerto Rico..... | 16,525 | 16,525 | 16,528 | 49,578 | 66,106 |
| <u>North America</u> | | | | | |
| United States..... | 279,486 | 164,558 | 206,514 | 650,558 | 730,055 |
| Totals, Other Countries..... | 489,150 | 337,756 | 392,451 | 1,219,357 | 1,233,859 |
| Totals, All Countries..... | 528,511 | 357,289 | 414,292 | 1,300,092 | 1,324,206 |

1/ In terms of barley equivalent. Conversion rate: 1 bushel of malt (36 lb.) equals 1 bushel of barley (48 lb.).

HOG-BARLEY RATIO

With a decline in the cost of feed barley more than offsetting a decrease in hog prices during August, the hog-barley ratio recorded a slight increase from the July level. During both September and October, however, hog prices continued to decline while the cost of barley increased and as a result the decreased monthly average returns from hogs, basis grade B, live weight, at Winnipeg declined from \$26.96 per hundredweight in July to \$26.41 per hundredweight in August, \$25.72 per hundredweight in September and \$23.64 per hundredweight in October. The cost of a bushel of barley, basis No. 1 Feed, in store Fort William-Port Arthur ranged from \$1.11 5/8 in July, to \$1.05 3/4 in August, \$1.09 1/4 in September and \$1.12 3/4 in October. Reflecting these price movements, the ratio increased from 19.3 points in July to 20.0 points in August, then declined to 18.9 points in September and 16.7 points in October.

Number of Bushels of No. 1 Feed Barley
Equivalent in Price to 100 Pounds of B (Live) Hog at Winnipeg by Months, 1958-63
(Long-time average 1913-49, with 1930 omitted due to extreme abnormality, is 18.3)

| Month | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 |
|----------------|------|------|------|------|------|------|
| January..... | 22.7 | 18.2 | 16.9 | 23.0 | 13.8 | 17.1 |
| February..... | 25.0 | 18.1 | 15.8 | 22.5 | 14.2 | 17.0 |
| March..... | 26.2 | 17.9 | 15.5 | 21.0 | 14.3 | 15.9 |
| April..... | 26.4 | 18.3 | 16.4 | 19.6 | 13.7 | 14.5 |
| May..... | 28.1 | 18.5 | 17.5 | 19.9 | 14.4 | 16.0 |
| June..... | 27.5 | 19.6 | 19.5 | 21.2 | 16.8 | 18.6 |
| July..... | 25.2 | 20.0 | 20.4 | 18.1 | 18.2 | 19.3 |
| August..... | 24.4 | 19.5 | 20.2 | 16.5 | 19.2 | 20.0 |
| September..... | 20.6 | 19.3 | 21.2 | 15.7 | 18.0 | 18.9 |
| October..... | 18.9 | 17.9 | 18.6 | 15.7 | 17.5 | 16.7 |
| November..... | 18.4 | 17.8 | 20.1 | 15.1 | 17.7 | |
| December..... | 18.4 | 17.8 | 22.5 | 14.5 | 17.7 | |

NOTE: The above data reflect market prices and quality premiums for hogs. Premium of \$1.00 per head basis grade B, was discontinued effective October 3, 1960.

FEED AND LIVESTOCK PRICE INDICES

Reflecting lower prices for hay and most feed grains which offset higher costs for millfeeds, the index of feed prices declined from 211.6 points in July to 202.6 points in August. During September, with higher costs prevailing for millfeeds, hay and most feed grains, the index climbed to a level of 206.5 points. The October index of 205.9 points reflected a slight decline in the price of hay and lower costs for millfeeds which more than offset higher prices for some of the feed grains.

Primarily reflecting lower average returns from both steers and hogs as well as lambs the index of farm animals and animal products declined from a level of 286.1 points in July to 270.1 points in October.

Index Numbers of Feed Prices and Prices of Farm Animals and Farm Animal Products
by Months 1960-63 (1935-39 = 100)

| Month | 1960 | | 1961 | | 1962 | | 1963 | |
|----------------|-------|--------|-------|--------|-------|--------|-------|--------|
| | Feed | Animal | Feed | Animal | Feed | Animal | Feed | Animal |
| January | 225.3 | 257.7 | 200.4 | 277.1 | 248.6 | 271.0 | 225.2 | 283.3 |
| February | 223.1 | 252.0 | 203.3 | 276.3 | 250.7 | 270.8 | 224.4 | 273.8 |
| March..... | 221.8 | 252.2 | 202.3 | 268.6 | 252.4 | 267.5 | 221.9 | 268.8 |
| April..... | 223.1 | 256.2 | 207.8 | 261.7 | 257.6 | 272.0 | 218.2 | 266.6 |
| May..... | 223.2 | 257.8 | 206.4 | 264.4 | 261.4 | 276.5 | 215.8 | 271.9 |
| June..... | 220.0 | 265.0 | 210.5 | 264.7 | 257.2 | 285.8 | 215.9 | 280.1 |
| July..... | 212.8 | 270.1 | 242.5 | 265.3 | 226.8 | 295.6 | 211.6 | 286.1 |
| August..... | 203.4 | 271.7 | 248.3 | 265.4 | 216.3 | 304.3 | 202.6 | 285.6 |
| September..... | 202.1 | 273.6 | 253.1 | 272.3 | 213.3 | 297.8 | 206.5 | 285.0 |
| October..... | 203.0 | 267.8 | 248.5 | 275.3 | 215.6 | 298.2 | 205.9 | 270.1 |
| November..... | 197.6 | 269.7 | 238.5 | 275.0 | 217.6 | 300.3 | | |
| December..... | 197.3 | 275.0 | 242.8 | 274.2 | 220.6 | 292.8 | | |

OILSEED PRODUCTION

Based on conditions at October 15 the 1963 flaxseed crop, was estimated at 21.2 million bushels, some 32 per cent above last year's outturn of 16.0 million. Acreage sown to this crop increased 17 per cent this year and average yields, at 12.6 bushels per acre, were 14 per cent above last year's 11.1 bushels. Rapeseed production in 1963 was estimated at 443.0 million pounds compared with 293.0 million last year. Acreage seeded to this crop was about 30 per cent larger than in 1962 and average yields of 916 pounds per acre, the second highest on record, were some 16 per cent higher than the 1962 outturns of 789 pounds.

Production of soybeans currently estimated at 5.0 million bushels was 24 per cent smaller than last year's 6.6 million. The average yield per acre was estimated at 21.9 bushels compared with 29.9 bushels last year. The area sown to sunflowers was placed at 38,000 acres, up from the 23,000 acres planted in 1962. The indicated yield at 948 pounds per acre was 26 per cent higher than the 1962 average of 755 pounds. Indicated total production was a record at 36.0 million pounds considerably above the 17.4 million of last year. In Manitoba 33,000 acres were grown and yields were estimated at 950 pounds per acre while in Alberta, where 1,500 acres were planted, an average yield of 1,025 pounds per acre was reported. Commercial acreage was reported for the first year in Saskatchewan where 3,500 acres were sown and yields were expected to reach 900 pounds per acre.

The area in mustard seed at 155,000 acres in 1963 was up 50 per cent over the 1962 area of 103,000 acres and average yields at 893 pounds per acre were 59 per cent above those of last year. Total production was expected to amount to a record 138.4 million pounds, 140 per cent above the 57.7 million produced in 1962.

Acreage, Yield and Production of Oilseed Crops, by Provinces, Canada, 1962 and 1963

| Crop and Province | Acreage | | Yield per Acre | | Production | |
|-----------------------|----------------|-----------|----------------|----------------|----------------|----------------|
| | 1962 <u>1/</u> | 1963 | 1962 <u>1/</u> | 1963 <u>2/</u> | 1962 <u>1/</u> | 1963 <u>2/</u> |
| | - acres - | | - bushels - | | - bushels - | |
| <u>Flaxseed</u> | | | | | | |
| Quebec..... | 25,400 | 32,000 | 14.0 | 14.2 | 357,000 | 454,000 |
| Ontario..... | 21,400 | 23,000 | 16.9 | 17.9 | 362,000 | 411,000 |
| Manitoba..... | 667,000 | 820,000 | 11.7 | 11.3 | 7,800,000 | 9,300,000 |
| Saskatchewan..... | 389,000 | 506,000 | 10.5 | 14.4 | 4,100,000 | 7,300,000 |
| Alberta..... | 340,000 | 303,000 | 10.0 | 12.2 | 3,400,000 | 3,700,000 |
| British Columbia.. | 2,200 | 1,400 | 10.5 | 7.9 | 23,000 | 11,000 |
| Totals..... | 1,445,000 | 1,685,400 | 11.1 | 12.6 | 16,042,000 | 21,176,000 |
| <u>Soybeans</u> | | | | | | |
| Ontario..... | 221,000 | 228,000 | 29.9 | 21.9 | 6,608,000 | 5,002,000 |
| <u>Sunflower Seed</u> | | | | | | |
| | | | - pounds - | | - pounds - | |
| Manitoba..... | 20,500 | 33,000 | 749 | 950 | 15,360,000 | 31,350,000 |
| Saskatchewan..... | <u>3/</u> | 3,500 | <u>3/</u> | 900 | <u>3/</u> | 3,150,000 |
| Alberta..... | 2,500 | 1,500 | 800 | 1,025 | 2,000,000 | 1,538,000 |
| Totals..... | 23,000 | 38,000 | 755 | 948 | 17,360,000 | 36,038,000 |
| <u>Rapeseed</u> | | | | | | |
| Manitoba..... | 32,200 | 51,500 | 902 | 835 | 29,000,000 | 43,000,000 |
| Saskatchewan..... | 167,000 | 232,000 | 784 | 1,090 | 131,000,000 | 253,000,000 |
| Alberta..... | 172,000 | 200,000 | 774 | 735 | 133,000,000 | 147,000,000 |
| Totals..... | 371,200 | 483,500 | 789 | 916 | 293,000,000 | 443,000,000 |
| <u>Mustard Seed</u> | | | | | | |
| Manitoba..... | 10,000 | 20,000 | 720 | 775 | 7,200,000 | 15,500,000 |
| Saskatchewan..... | 49,000 | 63,000 | 551 | 980 | 27,000,000 | 61,740,000 |
| Alberta..... | 44,000 | 72,000 | 534 | 850 | 23,500,000 | 61,200,000 |
| Totals..... | 103,000 | 155,000 | 560 | 893 | 57,700,000 | 138,440,000 |

1/ Revised.

2/ As indicated on basis of conditions on or about October 15.

3/ Not available.

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

| Grain and Grade | August 1 9 6 3 | September 1 9 6 3 | October 1 9 6 3 |
|-----------------|-------------------|----------------------|--------------------|
|-----------------|-------------------|----------------------|--------------------|

- cents and eighths per bushel -

OATS

Initial Payment to Producers

| | | | |
|-----------------|----|----|----|
| 2 C.W. | 60 | 60 | 60 |
| Ex. 3 C.W. | 57 | 57 | 57 |
| 3 C.W. | 57 | 57 | 57 |
| Ex. 1 Feed | 57 | 57 | 57 |
| 1 Feed | 55 | 55 | 55 |
| 2 Feed | 50 | 50 | 50 |
| 3 Feed | 46 | 46 | 46 |

Domestic and Export 1/

| | | | |
|-----------------|------|------|------|
| 2 C.W. | 77/5 | 79/5 | 79/4 |
| Ex. 3 C.W. | 75 | 76/7 | 76/6 |
| 3 C.W. | 74/4 | 76/3 | 76/2 |
| Ex. 1 Feed | 74/4 | 76/3 | 76/2 |
| 1 Feed | 74 | 75/7 | 75/6 |
| 2 Feed | 71 | 72/7 | 72/6 |
| 3 Feed | 68 | 69/7 | 69/6 |

BARLEY

Initial Payment to Producers

| | | | |
|---------------------|----|----|----|
| 1 C.W. Six-Row | 98 | 98 | 98 |
| 2 C.W. Six-Row | 98 | 98 | 98 |
| 3 C.W. Six-Row | 96 | 96 | 96 |
| 1 C.W. Two-Row | 91 | 91 | 91 |
| 2 C.W. Two-Row | 91 | 91 | 91 |
| 3 C.W. Two-Row | 88 | 88 | 88 |
| 1 Feed | 87 | 87 | 87 |
| 2 Feed | 84 | 84 | 84 |
| 3 Feed | 79 | 79 | 79 |

Domestic and Export 1/

| | | | |
|---------------------|-------|-------|-------|
| 1 C.W. Six-Row | 115/7 | 120/3 | 126/5 |
| 2 C.W. Six-Row | 115/7 | 120/3 | 126/5 |
| 3 C.W. Six-Row | 113/7 | 118/3 | 124/5 |
| 1 C.W. Two-Row | 113/6 | 118/3 | 124/5 |
| 2 C.W. Two-Row | 113/6 | 118/3 | 124/5 |
| 3 C.W. Two-Row | 110/6 | 115/3 | 121/5 |
| 1 Feed | 105/6 | 109/2 | 112/6 |
| 2 Feed | 103/6 | 108/1 | 111/6 |
| 3 Feed | 100/6 | 105/1 | 108/6 |

1/ For local sales and for spot sales subject to confirmation.

Winnipeg Grain Exchange Monthly Average Cash Grain Prices
Basis in Store Fort William-Port Arthur

| Grain and Grade | August | September | October |
|-----------------|---------|-----------|---------|
| | 1 9 6 3 | 1 9 6 3 | 1 9 6 3 |

- cents and eighths per bushel -

OATS

Domestic and Export

| | | | |
|-----------------|------|------|------|
| 2 C.W. | 75/3 | 78/6 | 79 |
| Ex. 3 C.W. | 74/4 | 76/7 | 76/5 |
| 3 C.W. | 74/2 | 76/1 | 76/1 |
| Ex. 1 Feed | 74/2 | 76/1 | 76/1 |
| 1 Feed | 73/6 | 75/5 | 75/2 |
| 2 Feed | 70/6 | 72/5 | 72/2 |
| 3 Feed | 67/6 | 69/5 | 69/2 |

BARLEY

Domestic and Export

| | | | |
|---------------------|-------|-------|-------|
| 1 C.W. Six-Row | 112/6 | 117 | 120/4 |
| 2 C.W. Six-Row | 112/6 | 117 | 120/4 |
| 3 C.W. Six-Row | 110/6 | 115 | 118/4 |
| 1 C.W. Two-Row | 108/6 | 113 | 116/4 |
| 2 C.W. Two-Row | 108/6 | 111/6 | 114/4 |
| 3 C.W. Two-Row | 105/2 | 109/1 | 112/3 |
| 1 Feed | 105/2 | 109/1 | 112/3 |
| 2 Feed | 103/3 | 107/4 | 110/4 |
| 3 Feed | 100/3 | 104/4 | 107/4 |

RYE

Producers', Domestic and Export Prices

| | | | |
|-------------|-------|-------|-------|
| 2 C.W. | 136 | 155/5 | 158/6 |
| 3 C.W. | 132 | 151/2 | 155/5 |
| 4 C.W. | 118/2 | 135/7 | 138/2 |
| Ergoty | 117/2 | 134/3 | 132/3 |

FLAXSEED

Producers', Domestic and Export Prices

| | | | |
|-------------|-------|-------|-------|
| 1 C.W. | 319/3 | 321/1 | 318/3 |
| 2 C.W. | 312/6 | 315/2 | 313/3 |
| 3 C.W. | 281/7 | 286/2 | 283/3 |

RAPESEED 1/

| | | | |
|--------------------|---|----------|-------|
| No. 1 Canada | - | 278/1 2/ | 277/6 |
|--------------------|---|----------|-------|

1/ Basis in store Vancouver.

2/ From September 16 only.

UNITED STATES FEED SITUATION

The following summary of the feed situation in the United States has been extracted from the Outlook Issue of The Feed Situation published by the United States Department of Agriculture, under date of November 5, 1963.

The total feed grain supply for 1963-64 is estimated at 215 million tons on the basis of October indications, practically the same as last year. The feed grain carryover of 62.5 million tons was about 9 million less than a year earlier, continuing the decline that has been underway since the record carryover of 1961. But, the smaller carryover was practically offset by a 9-million-ton increase in production. A small increase is in prospect for byproduct feeds and wheat feeding.

The 1963 feed grain crop of 152 million tons is second only to the record 1960 crop and is expected to be only a little below total domestic and export requirements. The reduction of carryover stocks during 1963-64 is now expected to be only about 3 or 4 million tons, which would bring the carryover into 1964-65 down to about 59 million tons.

The larger feed grain crop this year resulted from both increased acreage and higher yield per acre. During the past 3 years, farmers have reduced their feed grain acreage well below the 1959-60 level through participation in the Feed Grain Program. This year, farmers signed up to divert 25.7 million acres compared with 28.2 million acres actually diverted in 1962. The acreage planted this year is 3 per cent above 1962, but is 14 per cent below the 1959-60 level. This year's crop, however, was practically equal to the 1959-60 output, since the reduction in acreage was practically offset by the upward trend in yield.

Domestic use and exports of feed grains have been increasing for a number of years, averaging about 3 per cent per year since 1950. In 1963-64, domestic use is expected to increase a little from the current level, principally because of increased cattle feeding. The total disappearance of feed grains probably will be around 3 million tons above the 153 million tons consumed in 1962-63.

Feed grain exports are expected to continue heavy in 1963-64. In 1962-63, over 16 million tons were exported, only slightly below the 1961-62 record 17.3 million. Larger supplies of feed grains and low quality wheat in Western Europe, together with demands placed on transportation and shipping facilities because of heavy wheat movement, may cause feed grain exports to fall slightly below the high level of the past 2 years. However, they are expected to continue well above exports for any year prior to 1961-62.

The total corn supply for 1963-64 is estimated at about 5.3 billion bushels, slightly above the 1962-63 supply, but nearly 400 million bushels below the record supply of 1960. Supplies of oats and barley, are slightly less than a year earlier while the sorghum grain supply is slightly larger.

Demand for feed is expected to continue generally strong in 1963-64. Prices of feed grains and high-protein feeds are expected to average near the 1962-63 level. The loan rates for feed grains are lower this year, down from \$1.20 to \$1.07 per bushel for corn. But production is again below total requirements and CCC sales of feed grains will not be made against 1963 certificates at prices below the loan rates plus carrying charges. The decline in corn and sorghum grain prices is expected to bring them below the loan rates this fall, but they probably will rise above the loan level later in the marketing year. The seasonal rise in feed grain prices in 1963-64, however, may be somewhat less than during the past year when prices rose 19 per cent from November 1962 to July 1963.

High-protein feed supplies are expected to increase around 3 per cent in 1963-64, with much of the increase in soybean meal as crushings continue their upward trend. High-protein feed supplies are expected to increase a little more than the number of high-protein feed-consuming animal units, resulting in a small increase in the supply per-animal-unit. Foreign and domestic demand for protein feeds, which was generally strong during 1962-63, is expected to continue so in 1963-64 and prices probably will average near the 1962-63 level, which was the highest in 9 years.

The total hay supply for 1963-64 is estimated at 137 million tons, 2 per cent less than in 1962-63. Hay supplies are short this year in many Eastern and Southern States, but are average or above in most of the Central and Western States. Hay prices are about 10 per cent higher this fall than last and are expected to average somewhat higher for the 1963-64 feeding year.

The Feed Grain Program for 1963 and 1964 is a continuation of the voluntary-type program in effect for 1961 and 1962. A major change in the program was in the price supports, which this year will be made up of loan rates and per bushel payments based on normal production. For corn, the 1963 support level is \$1.25 per bushel, including a loan rate of \$1.07 and a payment-in-kind of \$0.18. The participant must again divert at least 20 per cent of the base acreage for which he will receive a payment based on 20 per cent of his normal production valued at the county support rate. For the acreage above 20 per cent, the payment is based on 50 per cent of his normal production. CCC sale prices for feed grains sold against 1963 certificates will be based on the loan rate, plus carrying charges, whereas in 1961 and 1962 the CCC sold large quantities of feed grains substantially below the loan rates. Because of these changes, 1963-64 price support activity and CCC sales probably will be substantially less than in 1962-63.

NOTES ON FOREIGN CROPS

Argentina

The following information relative to the Argentine coarse grains, rye, sorghum and oilseeds is taken from a report provided by Mr. M.B. Bursey, Commercial Counsellor, Buenos Aires, under date of November 22, 1963 and is reproduced with the permission of the Trade Commissioner Service, Department of Trade and Commerce. Currency conversions have been made at the rate of 133.83 pesos per Canadian dollar, the quotation in effect on November 15, 1963.

Weather and Crops So far, the Argentine spring (September 21 to December 21) has been characterized by abnormally heavy rainfalls and temperatures far below normal levels. Rainfall has been particularly heavy throughout the Province of Buenos Aires, and although little damage has been reported to growing crops, in some areas seeding operations for the summer grains have been seriously delayed. Corn, being one of the earliest sown summer grains, has been especially affected, and it now appears as if a considerable area, which was intended for corn, will be turned over to sorghum or sunflower seed. The recent rainfall, however, has proved highly beneficial to many areas in the Provinces of Cordoba and Santa Fe, which had previously suffered from drought.

Within the past few days, improvements in weather conditions have been reported from practically all parts of the country, and weather throughout the province of Buenos Aires and other areas of the Pampa is fine and warm.

Corn Corn planting is in full swing throughout the country, and although the recent heavy rainfalls in the southern Pampas region prevented the planting of many areas, the rain proved highly beneficial in the northern grain belt. It is also reported that in the provinces of Cordoba and Santa Fe many areas which could not be sown to wheat or flax because of the recent drought, will now be planted to corn. It is far too early for any accurate estimate of seeded area, but some

members of the trade are predicting an overall 10 per cent increase over the 3,375,000 hectares (8.3 million acres) seeded last year.

Oats, Barley, Rye The following table shows official estimates for the acreage sown to these three grains for the present crop year, compared to crop year 1962-63. The decrease in area sown to rye is attributed by the government to unavailability of seed on account of the very low production in 1962-63.

| | 1962-63 | 1963-64 | Variation |
|-------------|--------------------|---------|-----------|
| | - thousand acres - | | per cent |
| Oats..... | 2,817 | 3,433 | 21.9 |
| Barley..... | 2,761 | 2,766 | 0.2 |
| Rye..... | 6,098 | 5,261 | 13.7 |

The Province of Buenos Aires accounts for 81.3 per cent of the area sown to oats. Most of the barley crop has been sown in the following three provinces: Buenos Aires, 66.5 per cent; Cordoba, 13.2 per cent; and La Pampa, 10.2 per cent. Rye acreage is fairly evenly divided between Buenos Aires, Cordoba, La Pampa and Santa Fe. It is not known exactly as yet what percentage of the barley crop will be for brewing purposes, but a rough trade estimate is, 750,000 hectares (1,852,000 acres) of brewers barley, and 370,000 hectares (914,000 acres) for forage and grain.

In spite of the recent downpours, the condition at time of writing of the above three crops is, in general, quite good. Due to the abundance of natural pastures, many dual purpose lots of these grains have not been grazed, so grain production from these areas should be substantial. It is still too early for any official production estimates, but the trade estimates that production for the current year will be as follows:

| | 1962-63 | 1963-64 |
|-------------|----------------------|---------|
| | - thousand bushels - | |
| Oats..... | 31,578 | 51,873 |
| Barley..... | 15,846 | 39,040 |
| Rye..... | 6,417 | 23,621 |

Sorghum Although no official estimate has, as yet, been made, the trade believes that there will be a small decrease in area sown to this grain over the 2,285,900 hectares (5.6 million acres) sown last year. One reason for this possible decrease may be the abundance of a very noxious weed called "chamico" (*datura ferox*), which is quite common to sorghum growing areas and which is extremely difficult to screen from the sorghum.

Flax Excessive rainfall in many of the flax producing areas in the Provinces of Buenos Aires, Cordoba and Santa Fe delayed seeding of flax beyond the latest permissible date, and a reduced acreage is to be expected in these areas; the main flax producing province, however - Entre Rios - has increased the area seeded to flax, but the increase in this province has not been sufficient to offset the decreases in other provinces. The total area sown to flax is now estimated officially at 1,440,000 hectares (3.6 million acres), which represents a decrease of 4.2 per cent from the previous season, but an increase of 13.1 per cent and 28 per cent over the averages for the last 5 and 10 year periods, respectively. At the end of October, the condition of the growing crop was generally fair to good, and the trade is predicting a crop in the neighbourhood of 875,000 metric tons (34.4 million bushels).

In early September, there was an important development affecting the Argentine flax trade and linseed oil industry. For many years now, flax exports have been subject to a quota system, and only those firms exporting linseed oil were

allowed to export flax in quantities determined by the amount of linseed oil exported. The recent government decree has abolished this system and has freed the export of flax, but has subjected such exports to a tax, which will vary from 10 to 40 per cent of the f.o.b. value of the seed. The new export tax will be established from time to time by the National Grain Board (and we quote from the official text of the decree) "taking into account all factors involved in the trade of flax, linseed oil and its by-products".

The lack of official data makes it difficult at best to prepare disposition tables for flax, but the following is our estimate of the position as at November 1, 1963.

| - thousand bushels - | | |
|-------------------------------------|------------------------|---------------|
| Carryover January 1, 1963 <u>1/</u> | | 2,362 |
| Crop production <u>2/</u> | | <u>32,990</u> |
| Total supply | | 35,352 |
| Home consumption: | | |
| Seeding <u>3/</u> | 3,661 | |
| Local use of oil | <u>1,181</u> <u>4/</u> | <u>4,842</u> |
| Available for export | | 30,510 |
| Exports: | | |
| January-September <u>5/</u> | 21,652 | |
| October <u>6/</u> | <u>3,543</u> | <u>25,195</u> |
| Stocks available November 1 | | 5,315 |

-
- 1/ Official National Grain Board figures: Seed (old crop) 1,213,000 bushels, Oil 445,000 bushels in terms of seed, about 1,496,000 bushels less some 315,000 bushels estimated to have been crushed from new crop seed.
- 2/ Official estimate (Secretariat of Agriculture and Livestock).
- 3/ On the basis of 52 pounds per bushel, for an officially estimated acreage of 3,557,000 acres.
- 4/ Trade estimate - oil in terms of seed, on the basis of some 10,000 tons of oil per annum.
- 5/ Trade figures.
- 6/ Tentative figures.

Sunflower Seed Soil preparation work for this crop is well advanced, and at the present time seeding is gaining momentum. The trade believes that some increase over the area seeded last year 980,000 hectares (2.4 million acres) can be expected, perhaps in the neighbourhood of 10 per cent.

France The following account of the current crop situation in France has been extracted from a report by Mr. R.G. Woolham, Assistant Commercial Secretary, Canadian Embassy, Paris, under date of November 26, 1963, 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.

Weather and Crops Weather conditions during last month have improved considerably and have been characterized by above-average temperature conditions with well spaced periods of precipitation. Conditions have been ideal for seeding of winter cereals and this operation is about 75 per cent completed. No official acreage estimates have yet been issued but apparently acreage sown to winter wheat is up considerably, partly because of the prospect of higher prices next year.

The final cereal production estimates, as of November 1, 1963 have been issued as follows in thousands of bushels:

| | |
|----------------------|---------|
| Soft wheat..... | 349,381 |
| Durum wheat..... | 2,278 |
| Rye..... | 13,373 |
| Barley..... | 334,401 |
| Oats..... | 182,230 |
| Corn <u>1/</u> | 146,271 |

1/ Preliminary.

WORLD BARLEY AND OATS PRODUCTION SMALLER

According to the October issue of World Agricultural Production and Trade, published by the Foreign Agricultural Service, U.S.D.A., the 1963 world production of barley and oats was a million short tons smaller than the 1962 total, but was still above the 1955-59 average, according to preliminary estimates. A continuing downward trend in oats more than offset a substantial increase in world barley production. Combined production of these grains for the current season is forecast at 147 million short tons, compared with a near-record 148 million last year and the 1955-59 average of 143 million. Compared with last year's total, world barley production was up 2.8 million short tons and the oats crop was down 3.8 million.

The world barley crop, as forecast at 3,990 million bushels, is at a new high, with the largest expansion in Western Europe. Acreage there was about 2.3 million acres larger than in 1962, which more than offsets smaller yields. Some increase is also reported for North America and Africa. Southern Hemisphere production is expected to be above the poor outturns in 1962, if growing conditions continue favourable. World production of oats is forecast at 3,200 million bushels, well below the 3,435 million last year, and is the smallest world production of the past 50 years. Acreage continued its downward trend to reach the low figure of 79 million acres, in sharp contrast with the 1955-59 average of 117 million. Reductions from the 1955-59 average were noted for most areas of the world, but the two largest were in the Soviet Union and the United States. Reductions in those two countries alone would account for well over 80 per cent of the decline.

CALENDAR OF COARSE GRAIN EVENTS

- November 6 Based on conditions at October 15, the production of Canada's principal grain crops in 1963 was estimated as follows, in millions of bushels, with 1962 figures in brackets: all wheat, 723.4 (565.6); oats for grain, 453.1 (493.6); barley, 220.7 (165.9); mixed grains, 68.0 (72.2); corn for grain, 32.8 (32.0); all rye, 12.8 (12.0); and flaxseed, 21.2 (16.0).
- 14 According to press releases issued by the Board of Grain Commissioners' Laboratory, the 1963 Western Canada barley is much sounder and more vigorous than last year's crop because of the absence of frost this year. The 1963 Western Canadian flaxseed crop is slightly lower in average oil content than last year while this year's rapeseed crop is at about the same average oil content level as last year.
- 22 The Canadian Commercial Counsellor, Buenos Aires reported that the Argentine government has abolished the quota system on exports of Argentine flaxseed. For details see pages 30 and 31 of this report.

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