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REPORT ON THE LIVE STOCK SURVEY OF DECEMBER 1, 1952

- HOGS -

This memorandum contains comparisons of the number of hogs on farms in Canada 1/at December 1, 1952 and December 1, 1951 2/and the size of the pig crops June to November, 1952 and 1951. It also gives an estimate of the number of sows expected to farrow between December 1, 1952 and May 31, 1953 and compares this estimate with that of the number of sows which did farrow during the same period one year previous. A table showing the monthly hog-barley ratios for the past twelve years is also included. The population figures were derived from the December semi-annual survey of live stock on farms by obtaining changes which have occurred since the June Survey. Approximately 60,000 farmers co-operated with Provincial Departments and the Dominion Bureau of Statistics.

There were an estimated 5,237,000 hogs on farms in Canada 1/at December 1, 1952, 5 per cent less than at December 1, 1951. The increase in numbers of 7 per cent in Western Canada, was more than offset by a 12 per cent decline in Eastern Canada. Increased numbers were evident in only Alberta and Saskatchewan. Estimates by provinces (December 1, 1951 numbers in brackets) were: Prince Edward Island 72,000 (88,000); Nova Scotia 53,000 (67,000); New Brunswick 71,000 (90,000); Quebec 1,040,000 (1,227,000); Ontario 1,800,000 (1,970,000); Manitoba 327,000 (365,000); Saskatchewan 560,000 (540,000); Alberta 1,260,000 (1,075,000); British Columbia 54,000 (76,000).

The summer-and-fall pig crop was 7 per cent less than that of 1951, based on the number of pigs weaned during the six-month periods. A substantial increase in Alberta was only partially offset by declines in the other Western Provinces, resulting in the number of pigs weaned during the June-November period, being 4 per cent greater than during the same period of 1951. There was a 12 per cent decrease from last year in the June-November pig crop in the East.

At December 1, 1952, the Survey showed that farmers intend to have 22 per cent fewer sows farrow in the 6-month period December 1, 1952 to May 31, 1953 than were farrowed during the similar period of 1952. The decline is much sharper in the East (30 per cent) than in the West (9 per cent).

1/ There are no current estimates available for Newfoundland. The Census of Agriculture showed a total of 1,712 pigs in Newfoundland at June 1, 1951.

2/ December 1, 1951 estimates have been revised on the basis of Census of Agriculture information for June 1, 1951.

Numbers of Hogs on Farms at June 1 and December 1, 1951 to 1952

| Province | June 1, 1951 Census 1/ | Dec. 1, 1951 Revised 2/ | June 1, 1952 | Dec. 1, 1952 |
|-------------------|---------------------------|----------------------------|-----------------|-----------------|
| - thousands - | | | | |
| Prince Edward Is. | 72.5 | 88 | 77 | 72 |
| Nova Scotia | 48.2 | 67 | 51 | 53 |
| New Brunswick | 78.4 | 90 | 83 | 71 |
| Quebec | 1,108.3 | 1,227 | 1,312 | 1,040 |
| Ontario | 1,755.5 | 1,970 | 1,937 | 1,800 |
| Manitoba | 338.0 | 365 | 399 | 327 |
| Saskatchewan | 533.3 | 540 | 646 | 560 |
| Alberta | 930.7 | 1,075 | 1,170 | 1,260 |
| British Columbia | 49.4 | 76 | 66 | 54 |
| CANADA | 4,914.3 | 5,498 | 5,741 | 5,237 |

Hogs: Numbers on Farms at December 1, 1951 and 1952

| Province | 1951 ^{2/} | | | 1952 | | | Total |
|-------------------|--------------------|------------------|-------|-------------------|------------------|-------|----------------------|
| | Under 6 Months | Over 6 Months | Total | Under 6 Months | Over 6 Months | Total | 1952 as % of 1951 |
| - thousands - | | | | | | | |
| Prince Edward Is. | 70 | 18 | 88 | 56 | 16 | 72 | 82 |
| Nova Scotia | 49 | 18 | 67 | 40 | 13 | 53 | 79 |
| New Brunswick | 63 | 27 | 90 | 50 | 21 | 71 | 79 |
| Quebec | 920 | 307 | 1,227 | 746 | 294 | 1,040 | 85 |
| Ontario | 1,597 | 373 | 1,970 | 1,460 | 340 | 1,800 | 91 |
| Eastern Canada | 2,699 | 743 | 3,442 | 2,352 | 684 | 3,036 | 88 |
| Manitoba | 238 | 127 | 365 | 192 | 135 | 327 | 90 |
| Saskatchewan | 284 | 256 | 540 | 268 | 292 | 560 | 104 |
| Alberta | 710 | 365 | 1,075 | 830 | 430 | 1,260 | 117 |
| British Columbia | 56 | 20 | 76 | 36 | 18 | 54 | 71 |
| Western Canada | 1,288 | 768 | 2,056 | 1,326 | 875 | 2,201 | 107 |
| CANADA | 3,987 | 1,511 | 5,498 | 3,678 | 1,559 | 5,237 | 95 |

1/ Census of Agriculture figures.

2/ See footnote 2, page 1.

Number of Pigs Born and Pigs Saved, June to November, 1951 and 1952

| Province | 1951 ^{1/} | | 1952 | | 1952 as % of 1951 | |
|-------------------|--------------------|------------|-----------|------------|-------------------|------------|
| | Pigs Born | Pigs Saved | Pigs Born | Pigs Saved | Pigs Born | Pigs Saved |
| - thousands - | | | | | | |
| Prince Edward Is. | 85 | 72 | 68 | 58 | 80 | 81 |
| Nova Scotia | 60 | 51 | 50 | 42 | 83 | 82 |
| New Brunswick | 81 | 67 | 66 | 53 | 81 | 79 |
| Quebec | 1,150 | 972 | 990 | 811 | 86 | 83 |
| Ontario | 1,950 | 1,680 | 1,830 | 1,550 | 94 | 92 |
| Eastern Canada | 3,326 | 2,842 | 3,004 | 2,514 | 90 | 88 |
| Manitoba | 289 | 249 | 249 | 204 | 86 | 82 |
| Saskatchewan | 357 | 298 | 337 | 285 | 94 | 96 |
| Alberta | 902 | 745 | 1,043 | 878 | 116 | 118 |
| British Columbia | 71 | 59 | 45 | 38 | 63 | 64 |
| Western Canada | 1,619 | 1,351 | 1,674 | 1,405 | 103 | 104 |
| CANADA | 4,945 | 4,193 | 4,678 | 3,919 | 95 | 93 |

Farrowings: Estimates of Sows Bred to Farrow December, 1952 to May, 1953
and Sows Farrowed December, 1951 to May, 1952

| Province | Dec.1951-May,1952 | Dec.1952-May,1953 | 1952-53 as % of 1951-52 |
|-------------------|-------------------|-------------------|-------------------------|
| - number - | | | |
| Prince Edward Is. | 8,600 | 6,200 | 72 |
| Nova Scotia | 5,400 | 4,300 | 80 |
| New Brunswick | 9,000 | 5,600 | 62 |
| Quebec | 157,000 | 96,000 | 61 |
| Ontario | 207,000 | 158,000 | 76 |
| Eastern Canada | 387,000 | 270,100 | 70 |
| Manitoba | 49,000 | 32,000 | 65 |
| Saskatchewan | 71,000 | 59,000 | 83 |
| Alberta | 125,000 | 133,000 | 106 |
| British Columbia | 6,800 | 5,300 | 78 |
| Western Canada | 251,800 | 229,300 | 91 |
| CANADA | 638,800 | 499,400 | 78 |

^{1/} See footnote 2, page 1.

Hog-Barley Ratio — By Months

1941 - 1952

| | | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | 1951 | 1952 |
|-----------|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| January | ..... | 21.4 | 20.0 | 21.4 | 18.1 | 18.3 | 17.1 | 20.7 | 17.1 | 21.0 | 16.3 | 17.0 | 14.6 |
| February | ..... | 20.4 | 20.0 | 21.4 | 18.1 | 18.3 | 17.3 | 21.4 | 19.6 | 21.2 | 17.3 | 17.2 | 14.7 |
| March | ..... | 17.6 | 19.7 | 22.0 | 18.2 | 18.3 | 17.1 | 19.7 | 20.6 | 22.0 | 16.4 | 17.4 | 15.4 |
| April | ..... | 17.7 | 19.5 | 22.0 | 18.2 | 18.4 | 18.3 | 18.1 | 19.3 | 21.5 | 14.6 | 16.4 | 16.5 |
| May | ..... | 21.0 | 18.9 | 21.9 | 18.2 | 18.5 | 18.3 | 18.1 | 18.7 | 21.0 | 15.0 | 20.2 | 17.4 |
| June | ..... | 22.0 | 18.3 | 21.2 | 18.3 | 19.0 | 18.4 | 18.1 | 19.2 | 21.5 | 16.5 | 24.3 | 17.2 |
| July | ..... | 23.1 | 19.4 | 20.5 | 18.3 | 19.1 | 18.4 | 18.1 | 19.9 | 19.8 | 17.3 | 26.1 | 17.5 |
| August | ..... | 24.9 | 21.3 | 16.2 | 18.3 | 18.0 | 20.3 | 18.1 | 22.8 | 20.2 | 18.6 | 25.1 | 15.9 |
| September | ..... | 22.1 | 21.0 | 16.2 | 18.3 | 18.2 | 21.0 | 19.6 | 24.1 | 17.2 | 17.8 | 21.2 | 15.2 |
| October | ..... | 22.3 | 23.4 | 16.1 | 18.3 | 17.2 | 19.6 | 17.8 | 22.4 | 15.9 | 16.7 | 17.0 | 14.4 |
| November | ..... | 22.4 | 23.5 | 16.5 | 18.3 | 17.0 | 19.5 | 14.4 | 20.7 | 15.5 | 16.1 | 15.2 | 14.2 |
| December | ..... | 21.1 | 23.5 | 16.7 | 18.3 | 17.0 | 19.5 | 13.9 | 21.7 | 16.6 | 17.4 | 15.8 | 16.3 |
| Average | ..... | 21.3 | 20.6 | 19.0 | 18.2 | 18.1 | 18.7 | 17.9 | 20.3 | 19.1 | 16.6 | 19.1 | 15.7 |

- Note -

The hog-barley ratio is the number of bushels of No. 1 feed barley required to equal the value of 100 pounds B1 (live) hogs, both prices at Winnipeg. The long-time average ratio (1913-1949, 1930 omitted due to extreme abnormality) was 18.3. The average ratio 1939-49 was 20.4.

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