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# FERTILIZER TRADE

July 1, 1963 - June 30, 1964

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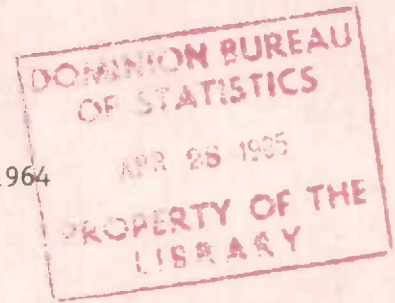
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Fertilizer Trade

July 1, 1963 - June 30, 1964

ERRATA



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|                    | Fertilizer materials |                 | Total     |                 |
|--------------------|----------------------|-----------------|-----------|-----------------|
|                    | 1964                 | Per cent change | 1964      | Per cent change |
| <u>Was</u>         |                      |                 |           |                 |
| Export .....       | 1,750,618            | + 27.1          | 1,895,553 | + 29.7          |
| Totals .....       | 2,360,198            | + 29.3          | 3,349,885 | + 23.2          |
| <u>Should read</u> |                      |                 |           |                 |
| Export .....       | 1,815,575            | + 31.8          | 1,960,510 | + 34.2          |
| Totals .....       | 2,425,155            | + 32.9          | 3,414,842 | + 25.6          |

Page 12 - Table 13

|                            | 1964               |                        |
|----------------------------|--------------------|------------------------|
|                            | Total tonnage sold | Contained Nitrogen (N) |
| <u>Was</u>                 |                    |                        |
| Exported from Canada ..... | 1,750,618          | 152,606                |
| Grand totals .....         | 2,360,198          | 271,381                |
| <u>Should read</u>         |                    |                        |
| Exported from Canada ..... | 1,815,575          | 181,837                |
| Grand totals .....         | 2,425,155          | 300,612                |

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# FERTILIZER TRADE

July 1, 1963 - June 30, 1964

Sales of mixed fertilizers and fertilizer materials for direct application to the soil, including exports amounted to 3,349,885 tons in the year ended June 30, 1964. Sales to Canadian users totalled 1,454,332 tons, including 609,580 tons of fertilizer materials and 844,752 tons of mixtures. Sales of materials increased 29.3 per cent and mixtures increased 10.8 per cent over the previous year.

Production of fertilizer materials (excluding anhydrous ammonia) in the period under review, including such items as ammonium nitrate, ammonium phosphate, ammonium sulphate, urea, potash, superphosphate and cyanamide, amounted to 3,168,706 tons. The output of mixed fertilizers totalled 1,035,102 tons. The figures for the materials and mixtures are not additive as some of the former were used in making the latter.

Imports of fertilizers (excluding anhydrous ammonia) amounted to 1,344,263 tons. The more important items which were brought in were natural phosphate rock, 993,802 tons; superphosphate, 171,247 tons; potassium chloride (muriate of potash), 75,882 tons; nitrogen solution, 10,499 tons and potassium sulphate (sulphate of potash) 19,592 tons. The phosphate rock was used, of course, in Canadian fertilizer plants to make superphosphate and ammonium phosphate; similarly, most of the other imported materials were used in making mixed fertilizers.

Exports of materials (including potash) amounted to 1,750,618 tons. Exports of mixed fertilizers amounted to 144,935 tons.

TABLE 1. Sales of Fertilizers, Years Ended June 30, 1963 and 1964

|                            | Fertilizer materials |           |                 | Mixed fertilizers |         |                 | Total     |           |                 |
|----------------------------|----------------------|-----------|-----------------|-------------------|---------|-----------------|-----------|-----------|-----------------|
|                            | 1963                 | 1964      | Per cent change | 1963              | 1964    | Per cent change | 1963      | 1964      | Per cent change |
|                            | short tons           |           |                 |                   |         |                 |           |           |                 |
| Newfoundland .....         | 421                  | 467       | + 10.9          | 4,623             | 4,620   | - .07           | 5,044     | 5,087     | + .85           |
| Prince Edward Island ..... | 415                  | 641       | + 54.4          | 55,352            | 55,188  | - .30           | 55,767    | 55,829    | + .11           |
| Nova Scotia .....          | 2,242                | 2,381     | + 6.2           | 28,813            | 28,292  | - 1.1           | 30,855    | 30,673    | - .59           |
| New Brunswick .....        | 814                  | 1,321     | + 62.3          | 70,085            | 69,743  | - .49           | 70,899    | 71,064    | + .20           |
| Quebec .....               | 14,784               | 15,816    | + 7.0           | 174,685           | 176,671 | + 1.1           | 189,469   | 192,487   | + 1.6           |
| Ontario .....              | 119,387              | 165,796   | + 38.9          | 452,284           | 485,021 | + 7.2           | 571,671   | 650,817   | + 13.8          |
| Manitoba .....             | 45,608               | 57,229    | + 25.5          | 1,517             | 2,620   | + 72.7          | 47,125    | 59,849    | + 27.0          |
| Saskatchewan .....         | 71,951               | 118,890   | + 65.2          | 311               | 450     | + 44.7          | 72,262    | 119,340   | + 65.1          |
| Alberta .....              | 169,273              | 223,016   | + 31.7          | 1,174             | 1,166   | - .69           | 170,447   | 224,182   | + 31.5          |
| British Columbia .....     | 23,202               | 24,023    | + 3.5           | 20,100            | 20,981  | + 4.4           | 43,302    | 45,004    | + 3.9           |
| Canada .....               | 448,097              | 609,580   | + 36.0          | 808,744           | 844,752 | + 4.4           | 1,256,841 | 1,454,332 | + 15.7          |
| Export .....               | 1,377,144            | 1,750,618 | + 27.1          | 84,201            | 144,935 | + 72.1          | 1,461,345 | 1,895,553 | + 30.7          |
| Totals .....               | 1,825,241            | 2,360,198 | + 29.3          | 892,945           | 989,687 | + 10.8          | 2,718,186 | 3,349,885 | + 22.9          |

TABLE 2. Production and Imports of Fertilizers, as Reported by Manufacturers and Importers, during the Years Ended June 30, 1963 and 1964

| Item                                                             | 1963         |                      | 1964         |                     |
|------------------------------------------------------------------|--------------|----------------------|--------------|---------------------|
|                                                                  | Manufactured | Imported             | Manufactured | Imported            |
|                                                                  | short tons   |                      |              |                     |
| Mixed fertilizers - Solids .....                                 | 923,920      | 1,007                | 1,035,102    | 470                 |
| Liquids .....                                                    | 1            | -                    | 1            | -                   |
| Nitrogen solution .....                                          | 2            | 3,727                | 2            | 10,499              |
| Ammonium sulphate (sulphate of ammonia) .....                    | 269,270      | 9,025                | 282,147      | 16,002              |
| Superphosphate .....                                             | 2            | 142,670              | 2            | 171,247             |
| Ammonium nitrate .....                                           | 2            | 4,259                | 2            | 3,070               |
| Ammonium phosphate .....                                         | 2            | 72                   | 2            | 26                  |
| Cyanamide .....                                                  | 2            | -                    | 2            | -                   |
| Natural phosphate rock <sup>1</sup> .....                        | -            | 866,477              | -            | 993,802             |
| Bone meal, bone flour and bone phosphate .....                   | -            | 506                  | -            | 514                 |
| Potassium chloride (muriate of potash) .....                     | 2            | 102,254 <sup>2</sup> | 2            | 75,882 <sup>2</sup> |
| Potassium sulphate (sulphate of potash) .....                    | -            | 21,223 <sup>2</sup>  | -            | 19,592 <sup>2</sup> |
| Potassium magnesium sulphate (sulphate of potash magnesia) ..... | -            | 5,633 <sup>2</sup>   | -            | 5,789 <sup>2</sup>  |
| Tankage .....                                                    | -            | 338                  | -            | 413                 |
| Animal manure .....                                              | -            | 2,354                | 2            | 1,938               |
| Sodium of nitrate (nitrate of soda) .....                        | -            | 519                  | -            | 700                 |
| Sewage sludge .....                                              | -            | 6,843                | -            | 7,446               |
| Other materials <sup>3</sup> .....                               | 2,154,763    | 5,904                | 2,779,885    | 36,873              |

<sup>1</sup> Included with "Mixed fertilizers - Solids".

<sup>2</sup> Not available for publication separately but included with "Other materials".

<sup>3</sup> Used in making superphosphate and ammonium phosphate in Canadian fertilizer plants.

<sup>4</sup> As reported in Trade of Canada, Vol. III, Imports.

<sup>5</sup> Lime and anhydrous ammonia not included.

TABLE 3. Sales of Fertilizers, Except for Manufacturing Purposes, during the Year Ended June 30, 1963

| Kind                                                             | New-found-land | Prince Edward Island | Nova Scotia   | New Brunswick | Quebec         | Ontario        | Mani-toba     | Saskat-chewan | Alberta        | British Columbia | Total sold in Canada |
|------------------------------------------------------------------|----------------|----------------------|---------------|---------------|----------------|----------------|---------------|---------------|----------------|------------------|----------------------|
| short tons                                                       |                |                      |               |               |                |                |               |               |                |                  |                      |
| Fertilizer materials                                             |                |                      |               |               |                |                |               |               |                |                  |                      |
| Animal manure .....                                              | 2              | —                    | 34            | 40            | 937            | 1,361          | —             | —             | —              | 57               | 2,431                |
| Ammonia anhydrous, 100% (for direct application only) .....      | —              | —                    | —             | —             | 76             | 7,651          | 26            | 15            | 660            | —                | 8,428                |
| Ammonium nitrate .....                                           | 131            | 248                  | 849           | 312           | 1,407          | 37,164         | 2,430         | 2,531         | 24,228         | 5,124            | 74,424               |
| Ammonium nitrate phosphate .....                                 | —              | —                    | —             | —             | —              | —              | 8,779         | 5,047         | 14,333         | 2,737            | 30,896               |
| Ammonium phosphate—11-48-0 .....                                 | —              | —                    | 3             | —             | 145            | 6,322          | 23,292        | 56,304        | 67,550         | 2,771            | 156,387              |
| 16-20-0 .....                                                    | —              | —                    | —             | —             | —              | 1,306          | 10,178        | 7,585         | 49,390         | 4,799            | 73,258               |
| Other grades .....                                               | —              | —                    | —             | —             | 70             | 426            | 486           | 77            | 1,933          | 182              | 3,174                |
| Ammonium sulphate (sulphate of ammonia) .....                    | 5              | 13                   | 72            | 48            | 135            | 997            | 232           | 349           | 10,238         | 2,120            | 14,209               |
| Basic slag .....                                                 | —              | —                    | —             | —             | 600            | —              | —             | —             | —              | —                | 600                  |
| Bone meal, bone flour and bone phosphate .....                   | 8              | 4                    | 74            | 32            | 185            | 878            | —             | —             | 1              | 730              | 1,912                |
| Calcium cyanamide "Cyanamid" (fertilizer grade) .....            | —              | —                    | 13            | 1             | 28             | 486            | 2             | —             | —              | 255              | 785                  |
| Nitrogen solution .....                                          | —              | —                    | —             | —             | 108            | 7,914          | —             | —             | —              | —                | 8,022                |
| Phosphate rock .....                                             | —              | —                    | —             | —             | 817            | 204            | —             | —             | —              | 12               | 1,033                |
| Potassium chloride (muriate of potash) .....                     | 2              | 10                   | 109           | 44            | 593            | 12,218         | 62            | 6             | 56             | 930              | 14,030               |
| Potassium sulphate (sulphate of potash) .....                    | —              | —                    | 5             | —             | 117            | 1,489          | —             | —             | —              | 317              | 1,928                |
| Potassium magnesium sulphate (sulphate of potash magnesia) ..... | —              | 2                    | —             | —             | 54             | 1,055          | —             | —             | —              | 266              | 1,377                |
| Sodium nitrate (nitrate of soda) .....                           | 228            | —                    | 12            | —             | 72             | 287            | —             | —             | —              | 10               | 609                  |
| Sewage sludge .....                                              | 1              | —                    | 46            | 50            | 87             | 4,444          | —             | —             | —              | 873              | 5,501                |
| Super phosphate—22% or less P <sub>2</sub> O <sub>5</sub> .....  | 43             | 127                  | 672           | 223           | 8,706          | 23,828         | —             | 2             | —              | 1,051            | 34,652               |
| More than 22% P <sub>2</sub> O <sub>5</sub> .....                | —              | —                    | 19            | —             | 266            | 1,215          | —             | —             | —              | 556              | 2,056                |
| Tankage .....                                                    | —              | —                    | —             | —             | —              | —              | —             | —             | —              | 61               | 61                   |
| Urea (fertilizer grade only) .....                               | —              | 10                   | 155           | 55            | 328            | 4,317          | 118           | 35            | 688            | 151              | 5,857                |
| Urea formaldehyde (fertilizer grade only) .....                  | —              | —                    | —             | —             | 22             | 227            | 3             | —             | 196            | 14               | 462                  |
| Other fertilizer materials <sup>1</sup> .....                    | 1              | 1                    | 179           | 9             | 31             | 5,598          | —             | —             | —              | 186              | 6,005                |
| <b>Total materials</b> .....                                     | <b>421</b>     | <b>415</b>           | <b>2,242</b>  | <b>814</b>    | <b>14,784</b>  | <b>119,387</b> | <b>45,608</b> | <b>71,951</b> | <b>169,273</b> | <b>23,202</b>    | <b>448,097</b>       |
| Mixed fertilizers (see Table 6) .....                            | 4,623          | 55,352               | 28,613        | 70,085        | 174,685        | 452,284        | 1,517         | 311           | 1,174          | 20,100           | 808,744              |
| <b>Totals, 1962-63</b> .....                                     | <b>5,044</b>   | <b>55,767</b>        | <b>30,855</b> | <b>70,899</b> | <b>189,469</b> | <b>571,671</b> | <b>47,125</b> | <b>72,262</b> | <b>170,447</b> | <b>43,302</b>    | <b>1,256,841</b>     |
| <b>Totals, 1961-62</b> .....                                     | <b>5,780</b>   | <b>55,003</b>        | <b>31,862</b> | <b>72,128</b> | <b>196,085</b> | <b>530,048</b> | <b>35,059</b> | <b>47,880</b> | <b>126,865</b> | <b>43,290</b>    | <b>1,144,000</b>     |

<sup>1</sup> Does not include lime.

TABLE 4. Sales of Fertilizers, Except for Manufacturing Purposes, during the Year Ended June 30, 1964

| Kind                                                             | New-found-land | Prince Edward Island | Nova Scotia   | New Brunswick | Quebec         | Ontario        | Mani-toba     | Saskat-chewan  | Alberta        | British Columbia | Total sold in Canada |
|------------------------------------------------------------------|----------------|----------------------|---------------|---------------|----------------|----------------|---------------|----------------|----------------|------------------|----------------------|
| short tons                                                       |                |                      |               |               |                |                |               |                |                |                  |                      |
| Fertilizer materials                                             |                |                      |               |               |                |                |               |                |                |                  |                      |
| Animal manure .....                                              | 3              | 1                    | 75            | 46            | 386            | 795            | 28            | 30             | —              | 79               | 1,443                |
| Ammonia anhydrous, 100% (for direct application only) .....      | —              | —                    | —             | —             | 312            | 14,591         | 26            | 110            | 965            | —                | 16,004               |
| Ammonium nitrate .....                                           | 162            | 326                  | 1,017         | 655           | 2,553          | 44,761         | 3,959         | 5,148          | 34,758         | 5,066            | 98,405               |
| Ammonium nitrate phosphate .....                                 | —              | —                    | —             | —             | —              | —              | 13,282        | 13,050         | 20,415         | 3,764            | 50,511               |
| Ammonium phosphate—11-48-0 .....                                 | —              | —                    | 3             | —             | 3              | 9,608          | 24,905        | 84,735         | 80,661         | 2,529            | 202,444              |
| 16-20-0 .....                                                    | —              | —                    | —             | —             | —              | 2,109          | 11,997        | 14,570         | 65,517         | 5,546            | 99,739               |
| Other grades .....                                               | —              | —                    | —             | —             | 376            | 729            | 469           | 114            | 1,403          | 288              | 3,379                |
| Ammonium sulphate (sulphate of ammonia) .....                    | 4              | 49                   | 82            | 48            | 380            | 693            | 574           | 758            | 16,215         | 1,842            | 20,645               |
| Basic slag .....                                                 | —              | —                    | —             | —             | 205            | —              | —             | —              | —              | —                | 205                  |
| Bone meal, bone flour and bone phosphate .....                   | 6              | 4                    | 61            | 38            | 70             | 755            | 18            | 20             | —              | 473              | 1,445                |
| Calcium cyanamide "Cyanamid" (fertilizer grade) .....            | —              | —                    | 20            | 8             | 25             | 577            | —             | —              | 1              | 171              | 802                  |
| Nitrogen solution .....                                          | —              | —                    | —             | —             | 179            | 18,745         | —             | —              | —              | —                | 18,924               |
| Phosphate rock .....                                             | —              | —                    | —             | —             | 648            | —              | —             | —              | —              | 4                | 652                  |
| Potassium chloride (muriate of potash) .....                     | 2              | 17                   | 130           | 77            | 395            | 19,038         | 165           | 31             | 37             | 932              | 20,824               |
| Potassium sulphate (sulphate of potash) .....                    | 20             | —                    | 5             | —             | 176            | 1,489          | 4             | —              | —              | 310              | 2,004                |
| Potassium magnesium sulphate (sulphate of potash magnesia) ..... | —              | —                    | —             | —             | 41             | 1,220          | —             | —              | —              | 287              | 1,548                |
| Sodium nitrate (nitrate of soda) .....                           | 212            | —                    | 127           | 1             | 54             | 232            | 1             | —              | —              | 3                | 630                  |
| Sewage sludge .....                                              | 37             | 32                   | 39            | 26            | 18             | 4,945          | —             | —              | —              | 740              | 5,837                |
| Super phosphate—22% or less P <sub>2</sub> O <sub>5</sub> .....  | 21             | 211                  | 623           | 269           | 9,302          | 24,293         | —             | —              | —              | 982              | 35,681               |
| More than 22% P <sub>2</sub> O <sub>5</sub> .....                | —              | —                    | 17            | 9             | 22             | 2,922          | 46            | —              | —              | 571              | 3,587                |
| Tankage .....                                                    | —              | —                    | —             | —             | 139            | 58             | —             | —              | —              | 51               | 248                  |
| Urea (fertilizer grade only) .....                               | —              | 1                    | 145           | 138           | 449            | 5,826          | 437           | 324            | 2,826          | 295              | 10,441               |
| Urea formaldehyde (fertilizer grade only) .....                  | —              | —                    | —             | —             | 6              | 37             | —             | —              | —              | 16               | 59                   |
| Other fertilizer materials <sup>1</sup> .....                    | —              | —                    | 37            | 6             | 77             | 12,373         | 1,318         | —              | 218            | 94               | 14,123               |
| <b>Total materials</b> .....                                     | <b>467</b>     | <b>641</b>           | <b>2,381</b>  | <b>1,321</b>  | <b>15,816</b>  | <b>165,796</b> | <b>57,229</b> | <b>118,890</b> | <b>223,016</b> | <b>24,023</b>    | <b>609,580</b>       |
| Mixed fertilizers (see Table 6) .....                            | 4,620          | 55,188               | 28,292        | 69,743        | 176,671        | 485,021        | 2,620         | 450            | 1,166          | 20,961           | 844,752              |
| <b>Totals, 1963-64</b> .....                                     | <b>5,087</b>   | <b>55,829</b>        | <b>30,673</b> | <b>71,064</b> | <b>192,487</b> | <b>650,817</b> | <b>59,849</b> | <b>119,340</b> | <b>224,182</b> | <b>45,004</b>    | <b>1,454,332</b>     |
| <b>Totals, 1962-63</b> .....                                     | <b>5,044</b>   | <b>55,767</b>        | <b>30,855</b> | <b>70,899</b> | <b>189,469</b> | <b>571,671</b> | <b>47,125</b> | <b>72,262</b>  | <b>170,447</b> | <b>43,302</b>    | <b>1,256,841</b>     |

<sup>1</sup> Does not include lime.

TABLE 5. Mixed Fertilizers Sold during the Year Ended June 30, 1963

| Analysis   |                               |                  | New-found-land | Prince Edward Island | Nova Scotia | New Brunswick | Quebec           | Ontario | Manitoba, Saskatchewan and Alberta | British Columbia | Total sold in Canada | Exported from Canada |
|------------|-------------------------------|------------------|----------------|----------------------|-------------|---------------|------------------|---------|------------------------------------|------------------|----------------------|----------------------|
| short tons |                               |                  |                |                      |             |               |                  |         |                                    |                  |                      |                      |
| N          | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O |                |                      |             |               |                  |         |                                    |                  |                      |                      |
| 0          | 8                             | 16               | -              | -                    | -           | -             | 315              | -       | -                                  | -                | 315                  | 7                    |
| 0          | 12                            | 20               | -              | -                    | -           | -             | 6                | 115     | -                                  | -                | 121                  | -                    |
| 0          | 12                            | 24               | -              | -                    | -           | -             | -                | 2,390   | -                                  | -                | 2,390                | -                    |
| 0          | 14                            | 14               | -              | -                    | -           | -             | 1,909            | 66      | -                                  | -                | 1,975                | -                    |
| 0          | 15                            | 15               | -              | -                    | -           | -             | <del>1,227</del> | 2,299   | -                                  | -                | 2,299                | -                    |
| 0          | 15                            | 30               | -              | -                    | -           | 7             | 1,227            | 366     | -                                  | -                | 1,600                | 1,133                |
| 0          | 16                            | 18               | -              | -                    | -           | -             | -                | 596     | -                                  | -                | 596                  | -                    |
| 0          | 18                            | 6                | -              | -                    | -           | -             | -                | 183     | -                                  | -                | 183                  | -                    |
| 0          | 20                            | 0                | -              | -                    | -           | -             | 567              | 1,742   | -                                  | -                | 2,309                | -                    |
| 0          | 20                            | 10               | -              | -                    | -           | -             | 1                | 4,673   | -                                  | -                | 4,674                | -                    |
| 0          | 20                            | 20               | 9              | 267                  | 1,098       | 594           | 8,043            | 11,070  | -                                  | -                | 21,081               | 621                  |
| 0          | 25                            | 25               | -              | -                    | -           | -             | -                | 61      | -                                  | -                | 61                   | 380                  |
| 2          | 10                            | 20               | -              | -                    | -           | -             | 2,866            | 120     | -                                  | -                | 2,986                | -                    |
| 2          | 12                            | 10               | -              | 3                    | -           | -             | 18,598           | 33,114  | -                                  | -                | 51,715               | -                    |
| 2          | 12                            | 12               | -              | 1                    | -           | 69            | 4,153            | 17,352  | -                                  | -                | 21,575               | -                    |
| 2          | 12                            | 14               | -              | -                    | -           | -             | -                | 15,651  | -                                  | -                | 15,651               | -                    |
| 2          | 12                            | 16               | -              | -                    | -           | -             | 21               | 16,084  | -                                  | -                | 16,105               | -                    |
| 2          | 12                            | 20               | -              | -                    | -           | -             | 32               | 2,595   | -                                  | -                | 2,627                | -                    |
| 2          | 14                            | 8                | -              | -                    | -           | -             | -                | 127     | -                                  | -                | 127                  | -                    |
| 2          | 14                            | 14               | -              | -                    | -           | -             | -                | 941     | -                                  | -                | 941                  | -                    |
| 2          | 15                            | 15               | -              | -                    | -           | -             | -                | 542     | -                                  | 697              | 1,239                | -                    |
| 2          | 16                            | 6                | -              | 9                    | -           | 18            | 13,770           | 210     | -                                  | -                | 14,007               | -                    |
| 2          | 18                            | 18               | -              | 218                  | 45          | -             | 156              | 7,437   | -                                  | -                | 7,856                | -                    |
| 2          | 20                            | 18               | -              | -                    | -           | -             | -                | 114     | -                                  | -                | 114                  | -                    |
| 3          | 11                            | 11               | -              | -                    | -           | -             | -                | 6,955   | -                                  | -                | 6,955                | -                    |
| 3          | 12                            | 12               | -              | -                    | -           | 2             | 8,623            | 2,032   | -                                  | -                | 10,657               | -                    |
| 3          | 12                            | 16               | -              | -                    | -           | -             | -                | 624     | -                                  | -                | 624                  | -                    |
| 3          | 15                            | 6                | 600            | 2,411                | 3,178       | 4,130         | 17               | -       | -                                  | 31               | 10,367               | 9                    |
| 3          | 15                            | 9                | -              | -                    | -           | 10            | -                | 18,327  | -                                  | -                | 18,337               | -                    |
| 3          | 15                            | 30               | -              | -                    | -           | -             | 371              | -       | -                                  | -                | 371                  | -                    |
| 3          | 16                            | 16               | 9              | 41                   | 2,153       | 55            | -                | 52      | -                                  | -                | 2,310                | 2                    |
| 3          | 18                            | 9                | -              | -                    | -           | -             | -                | 3,013   | -                                  | -                | 3,013                | -                    |
| 3          | 18                            | 18               | -              | -                    | 60          | -             | -                | 851     | -                                  | -                | 911                  | -                    |
| 4          | 10                            | 10               | -              | -                    | -           | -             | -                | -       | -                                  | 2,063            | 2,063                | -                    |
| 4          | 12                            | 8                | 4              | 7                    | 44          | 25            | 101              | 479     | -                                  | 28               | 688                  | -                    |
| 4          | 12                            | 10               | -              | 3                    | -           | -             | -                | 12,119  | -                                  | 2                | 12,124               | -                    |
| 4          | 12                            | 16               | -              | -                    | -           | -             | -                | 3,361   | -                                  | -                | 3,361                | -                    |
| 4          | 16                            | 16               | -              | -                    | -           | -             | -                | 261     | -                                  | -                | 261                  | -                    |
| 4          | 24                            | 12               | -              | -                    | -           | -             | -                | 2,928   | -                                  | -                | 2,928                | -                    |
| 4          | 24                            | 20               | -              | 3                    | -           | -             | 33,360           | 21,439  | -                                  | -                | 54,802               | -                    |
| 4          | 32                            | 12               | -              | -                    | -           | -             | 2,504            | 82      | -                                  | -                | 2,586                | -                    |
| 5          | 8                             | 11               | -              | -                    | -           | -             | 1,774            | -       | -                                  | -                | 1,774                | -                    |
| 5          | 10                            | 10               | -              | -                    | -           | -             | 70               | 1,043   | -                                  | -                | 1,113                | 1,514                |
| 5          | 10                            | 15               | -              | -                    | -           | -             | 156              | 32,105  | 3                                  | -                | 32,264               | -                    |
| 5          | 10                            | 20               | -              | -                    | -           | -             | 345              | 6       | -                                  | -                | 351                  | -                    |
| 5          | 10                            | 30               | -              | -                    | -           | -             | 138              | 1,753   | -                                  | -                | 1,891                | -                    |
| 5          | 20                            | 0                | -              | -                    | -           | -             | -                | 3,228   | -                                  | -                | 3,228                | -                    |
| 5          | 20                            | 10               | -              | -                    | -           | 436           | 1,996            | 51,299  | -                                  | -                | 53,731               | 16                   |
| 5          | 20                            | 20               | -              | -                    | -           | 45            | 171              | 54,329  | -                                  | -                | 54,545               | 40                   |
| 6          | 8                             | 6                | -              | -                    | -           | -             | -                | -       | -                                  | 2,151            | 2,151                | -                    |
| 6          | 9                             | 12               | -              | -                    | -           | -             | -                | -       | -                                  | -                | -                    | 290                  |

Note: Figures in this table include tobacco fertilizers and fertilizers containing boron and magnesium oxide.

47.9

TABLE 5 Mixed Fertilizers Sold during the Year Ended June 30, 1963 - Concluded

| Analysis                                         | New-found-land | Prince Edward Island | Nova Scotia | New Brunswick | Quebec  | Ontario | Manitoba, Saskatchewan and Alberta | British Columbia | Total sold in Canada | Exported from Canada |            |
|--------------------------------------------------|----------------|----------------------|-------------|---------------|---------|---------|------------------------------------|------------------|----------------------|----------------------|------------|
|                                                  |                |                      |             |               |         |         |                                    |                  |                      |                      | short tons |
| N P <sub>2</sub> O <sub>5</sub> K <sub>2</sub> O |                |                      |             |               |         |         |                                    |                  |                      |                      |            |
| 6 10 4 .....                                     | 5              | —                    | 8           | 37            | 627     | 848     | 1                                  | 6                | 1,532                | 202                  |            |
| 6 10 10 .....                                    | —              | —                    | —           | —             | —       | —       | —                                  | 503              | 503                  | —                    |            |
| 6 12 8 .....                                     | 874            | 36                   | 723         | 15,810        | —       | —       | —                                  | —                | 17,443               | 15                   |            |
| 6 12 12 .....                                    | 2,979          | 48,401               | 17,055      | 30,183        | 45,283  | 5,171   | —                                  | —                | 149,072              | 337                  |            |
| 6 18 6 .....                                     | —              | —                    | —           | —             | —       | 6,847   | —                                  | —                | 6,847                | —                    |            |
| 6 24 24 .....                                    | —              | —                    | —           | —             | 14      | 879     | —                                  | —                | 893                  | —                    |            |
| 6 27 25 .....                                    | —              | —                    | —           | —             | —       | —       | —                                  | 269              | 269                  | —                    |            |
| 6 30 15 .....                                    | —              | —                    | —           | —             | —       | —       | —                                  | 988              | 988                  | —                    |            |
| 7 7 7 .....                                      | —              | 5                    | 14          | 7             | 416     | 6,410   | —                                  | —                | 6,852                | —                    |            |
| 7 8 6 .....                                      | —              | —                    | —           | —             | —       | —       | —                                  | 1,617            | 1,617                | —                    |            |
| 8 10 6 .....                                     | 5              | —                    | —           | —             | —       | —       | —                                  | 957              | 962                  | —                    |            |
| 8 12 12 .....                                    | —              | 3,495                | 13          | 965           | —       | —       | —                                  | —                | 4,473                | 9,636                |            |
| 8 12 16 .....                                    | —              | —                    | 6           | 26            | 276     | 291     | 67                                 | —                | 666                  | 55                   |            |
| 8 16 0 .....                                     | —              | —                    | —           | —             | 16      | 2,372   | —                                  | —                | 2,388                | 147                  |            |
| 8 16 8 .....                                     | 13             | 27                   | 1,643       | 13,238        | 176     | 1,198   | —                                  | —                | 16,295               | 20                   |            |
| 8 16 16 .....                                    | 25             | 20                   | —           | 1             | 12,235  | 13,759  | —                                  | —                | 26,040               | 2,985                |            |
| 8 24 0 .....                                     | —              | —                    | —           | —             | —       | 304     | —                                  | —                | 304                  | —                    |            |
| 8 32 16 .....                                    | —              | —                    | —           | —             | —       | 218     | —                                  | —                | 218                  | 817                  |            |
| 9 9 9 .....                                      | —              | —                    | —           | —             | —       | 1,491   | —                                  | —                | 1,491                | —                    |            |
| 9 20 20 .....                                    | —              | —                    | 164         | —             | —       | —       | —                                  | —                | 164                  | —                    |            |
| 10 4 4 .....                                     | —              | —                    | —           | —             | —       | —       | —                                  | 148              | 148                  | —                    |            |
| 10 5 10 .....                                    | —              | —                    | —           | —             | 899     | 1,127   | —                                  | —                | 2,026                | —                    |            |
| 10 6 4 .....                                     | 1              | 8                    | 81          | 47            | 1,221   | 4,442   | —                                  | 944              | 6,744                | —                    |            |
| 10 10 10 .....                                   | 11             | 356                  | 2,141       | 3,007         | 8,240   | 49,926  | —                                  | 26               | 63,707               | 6,996                |            |
| 10 15 15 .....                                   | —              | 8                    | —           | 345           | —       | 379     | —                                  | —                | 732                  | 1,344                |            |
| 10 15 20 .....                                   | —              | —                    | —           | —             | —       | 1,020   | —                                  | —                | 1,020                | —                    |            |
| 10 20 0 .....                                    | —              | —                    | —           | —             | —       | 139     | —                                  | —                | 139                  | —                    |            |
| 10 20 10 .....                                   | —              | —                    | —           | 6             | 2       | 533     | 2                                  | 825              | 1,368                | 62                   |            |
| 10 20 20 .....                                   | —              | —                    | 5           | —             | 5       | 35      | —                                  | —                | 45                   | 120                  |            |
| 10 24 12 .....                                   | —              | —                    | —           | —             | —       | 930     | —                                  | —                | 930                  | —                    |            |
| 10 30 10 .....                                   | —              | —                    | —           | —             | —       | —       | 1,470                              | 1,988            | 3,458                | 13,274               |            |
| 10 52 17 .....                                   | —              | —                    | 8           | 1             | 20      | 249     | —                                  | —                | 278                  | —                    |            |
| 11 12 14 .....                                   | —              | —                    | —           | 5             | —       | —       | —                                  | —                | 5                    | 369                  |            |
| 12 6 6 .....                                     | 6              | 1                    | 16          | 1             | 215     | 158     | 1                                  | —                | 398                  | —                    |            |
| 12 12 12 .....                                   | —              | —                    | —           | 441           | —       | 817     | —                                  | —                | 1,258                | 384                  |            |
| 13 13 13 .....                                   | —              | —                    | —           | —             | —       | —       | 218                                | 58               | 276                  | 5,059                |            |
| 13 16 10 .....                                   | —              | —                    | —           | —             | —       | —       | —                                  | 4,813            | 4,813                | —                    |            |
| 14 7 6 .....                                     | —              | —                    | —           | —             | 319     | 55      | —                                  | —                | 374                  | —                    |            |
| 14 7 7 .....                                     | —              | —                    | —           | —             | 18      | 2,524   | —                                  | —                | 2,542                | —                    |            |
| 14 14 7 .....                                    | —              | —                    | —           | —             | —       | —       | 763                                | 169              | 932                  | 5,084                |            |
| 15 10 10 .....                                   | —              | —                    | —           | —             | —       | —       | —                                  | —                | —                    | 931                  |            |
| 16 8 8 .....                                     | —              | —                    | —           | —             | 127     | 5,302   | —                                  | —                | 5,429                | 208                  |            |
| 16 10 20 .....                                   | —              | —                    | —           | —             | 10      | —       | —                                  | —                | 10                   | 811                  |            |
| Other mixes .....                                | 82             | 32                   | 158         | 574           | 3,276   | 10,730  | 477                                | 1,817            | 17,146               | 31,320               |            |
| Totals, 1963 .....                               | 4,623          | 55,352               | 28,613      | 70,085        | 174,685 | 452,284 | 3,002                              | 20,100           | 808,744              | 84,201               |            |
| Totals, 1962 .....                               | 5,291          | 54,637               | 29,481      | 71,392        | 180,231 | 435,160 | 2,917                              | 20,091           | 799,200              | 60,627               |            |

Note: Figures in this table include tobacco fertilizers and fertilizers containing boron and magnesium oxide.



TABLE 6. Mixed Fertilizers Sold during the Year Ended June 30, 1964

| Analysis   |                               |                  | New-found-land | Prince Edward Island | Nova Scotia | New Brunswick | Quebec | Ontario | Manitoba, Saskatchewan and Alberta | British Columbia | Total sold in Canada | Exported from Canada |
|------------|-------------------------------|------------------|----------------|----------------------|-------------|---------------|--------|---------|------------------------------------|------------------|----------------------|----------------------|
| short tons |                               |                  |                |                      |             |               |        |         |                                    |                  |                      |                      |
| N          | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O |                |                      |             |               |        |         |                                    |                  |                      |                      |
| 0          | 8                             | 16               | -              | -                    | -           | -             | 332    | -       | -                                  | -                | 332                  | 3                    |
| 0          | 12                            | 20               | -              | -                    | -           | -             | -      | 12      | -                                  | -                | 12                   | -                    |
| 0          | 12                            | 24               | -              | -                    | -           | -             | -      | 3,492   | -                                  | -                | 3,492                | -                    |
| 0          | 14                            | 14               | -              | -                    | -           | -             | 1,848  | -       | -                                  | -                | 1,848                | -                    |
| 0          | 15                            | 15               | -              | -                    | -           | -             | 8      | 1,729   | -                                  | -                | 1,737                | -                    |
| 0          | 15                            | 30               | -              | -                    | -           | 1             | 1,903  | 256     | -                                  | -                | 2,160                | 1,266                |
| 0          | 16                            | 16               | -              | -                    | -           | -             | -      | 392     | -                                  | -                | 392                  | -                    |
| 0          | 18                            | 6                | -              | -                    | -           | -             | -      | 144     | -                                  | -                | 144                  | -                    |
| 0          | 20                            | 0                | -              | -                    | -           | -             | 2,837  | 2,603   | -                                  | 18               | 5,456                | -                    |
| 0          | 20                            | 10               | -              | -                    | -           | -             | 42     | 5,784   | -                                  | -                | 5,826                | 1                    |
| 0          | 20                            | 20               | 11             | 158                  | 982         | 628           | 7,538  | 13,526  | -                                  | -                | 22,843               | 669                  |
| 0          | 25                            | 25               | -              | -                    | -           | -             | 17     | 71      | -                                  | 5                | 93                   | 415                  |
| 2          | 10                            | 20               | -              | -                    | -           | -             | 4,827  | 168     | -                                  | -                | 4,995                | -                    |
| 2          | 12                            | 10               | -              | 2                    | -           | -             | 15,879 | 25,383  | -                                  | -                | 41,264               | -                    |
| 2          | 12                            | 12               | -              | -                    | -           | -             | 2,520  | 10,658  | -                                  | -                | 13,178               | -                    |
| 2          | 12                            | 14               | -              | -                    | -           | -             | -      | 12,506  | -                                  | -                | 12,506               | -                    |
| 2          | 12                            | 16               | -              | -                    | -           | -             | 719    | 12,062  | -                                  | -                | 12,781               | -                    |
| 2          | 12                            | 20               | -              | -                    | -           | -             | 13     | 1,780   | -                                  | -                | 1,793                | -                    |
| 2          | 14                            | 8                | -              | -                    | -           | -             | -      | 99      | -                                  | -                | 99                   | -                    |
| 2          | 14                            | 14               | -              | -                    | -           | -             | -      | 638     | -                                  | -                | 638                  | -                    |
| 2          | 15                            | 15               | -              | -                    | -           | -             | -      | 545     | -                                  | 512              | 1,057                | -                    |
| 2          | 16                            | 6                | -              | -                    | -           | 38            | 11,479 | 1,075   | -                                  | -                | 12,592               | -                    |
| 2          | 18                            | 18               | -              | 151                  | 103         | -             | 199    | 5,935   | -                                  | -                | 6,388                | -                    |
| 2          | 20                            | 18               | -              | -                    | -           | -             | -      | 98      | -                                  | -                | 98                   | -                    |
| 3          | 11                            | 11               | -              | -                    | -           | -             | -      | 4,748   | -                                  | -                | 4,748                | -                    |
| 3          | 12                            | 12               | -              | -                    | -           | 2             | 7,694  | 1,407   | -                                  | -                | 9,103                | -                    |
| 3          | 12                            | 16               | -              | -                    | -           | -             | -      | 283     | -                                  | -                | 283                  | -                    |
| 3          | 15                            | 6                | 683            | 2,454                | 2,806       | 4,078         | 22     | -       | -                                  | 68               | 10,111               | 4                    |
| 3          | 15                            | 9                | -              | -                    | -           | -             | -      | 19,019  | -                                  | -                | 19,019               | -                    |
| 3          | 15                            | 30               | -              | -                    | -           | -             | 335    | -       | -                                  | -                | 335                  | -                    |
| 3          | 16                            | 16               | 23             | -                    | 2,051       | 84            | 13     | -       | -                                  | -                | 2,171                | -                    |
| 3          | 18                            | 9                | -              | -                    | -           | -             | -      | 490     | -                                  | -                | 490                  | -                    |
| 3          | 18                            | 18               | -              | 19                   | -           | -             | -      | 537     | -                                  | -                | 556                  | -                    |
| 4          | 10                            | 10               | -              | -                    | -           | -             | -      | -       | -                                  | 1,853            | 1,853                | -                    |
| 4          | 12                            | 8                | -              | 5                    | 32          | 20            | 236    | 648     | -                                  | 37               | 978                  | -                    |
| 4          | 12                            | 10               | -              | -                    | -           | -             | 1      | 9,908   | -                                  | 6                | 9,915                | -                    |
| 4          | 12                            | 16               | -              | -                    | -           | -             | -      | 2,744   | -                                  | -                | 2,744                | -                    |
| 4          | 16                            | 16               | -              | -                    | -           | -             | 61     | 28      | -                                  | -                | 89                   | -                    |
| 4          | 24                            | 12               | -              | -                    | -           | -             | 46     | 599     | -                                  | -                | 645                  | -                    |
| 4          | 24                            | 20               | -              | -                    | -           | 8             | 31,627 | 13,361  | -                                  | -                | 44,996               | 1                    |
| 4          | 32                            | 12               | -              | -                    | -           | -             | 2,616  | 120     | -                                  | -                | 2,736                | 18                   |
| 5          | 8                             | 11               | -              | -                    | -           | -             | 1,293  | -       | -                                  | -                | 1,293                | -                    |
| 5          | 10                            | 10               | -              | -                    | -           | -             | 5      | 770     | -                                  | -                | 775                  | 1,231                |
| 5          | 10                            | 15               | -              | -                    | -           | -             | 347    | 28,820  | 8                                  | -                | 29,175               | 3                    |
| 5          | 10                            | 20               | -              | -                    | -           | -             | 26     | 178     | -                                  | -                | 204                  | 87                   |
| 5          | 10                            | 30               | -              | -                    | -           | -             | -      | 2,855   | -                                  | -                | 2,855                | -                    |
| 5          | 20                            | 0                | -              | -                    | 10          | -             | -      | 5,038   | -                                  | -                | 5,048                | 2,300                |
| 5          | 20                            | 10               | -              | -                    | -           | 452           | 2,150  | 69,434  | -                                  | -                | 72,036               | 67,002               |

Note: Figures in this table include tobacco fertilizers and fertilizers containing boron and magnesium oxide.

TABLE 6. Mixed Fertilizers Sold during the Year Ended June 30, 1964 - Concluded

| Analysis            |                               |                  | New-found-land | Prince Edward Island | Nova Scotia   | New Brunswick | Quebec         | Ontario        | Manitoba, Saskatchewan and Alberta | British Columbia | Total sold in Canada | Exported from Canada |
|---------------------|-------------------------------|------------------|----------------|----------------------|---------------|---------------|----------------|----------------|------------------------------------|------------------|----------------------|----------------------|
|                     |                               |                  | short tons     |                      |               |               |                |                |                                    |                  |                      |                      |
| N                   | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O |                |                      |               |               |                |                |                                    |                  |                      |                      |
| 5                   | 20                            | 20               | —              | 387                  | —             | —             | 3,127          | 73,912         | —                                  | —                | 77,426               | —                    |
| 6                   | 8                             | 6                | —              | —                    | —             | —             | —              | 677            | —                                  | 2,265            | 2,942                | —                    |
| 6                   | 9                             | 6                | 44             | 3                    | 151           | 7             | 1,336          | 1,424          | 80                                 | 20               | 3,065                | —                    |
| 6                   | 10                            | 4                | 11             | —                    | 9             | 38            | 697            | 763            | 3                                  | 7                | 1,546                | 226                  |
| 6                   | 10                            | 10               | —              | —                    | —             | —             | —              | —              | —                                  | 536              | 536                  | —                    |
| 6                   | 12                            | 6                | 720            | 45                   | 515           | 16,501        | 1              | —              | —                                  | —                | 17,782               | 11                   |
| 6                   | 12                            | 12               | 2,939          | 50,198               | 17,213        | 27,516        | 44,513         | 5,416          | —                                  | —                | 147,795              | 378                  |
| 6                   | 18                            | 6                | —              | —                    | —             | —             | —              | 6,603          | —                                  | —                | 6,603                | —                    |
| 6                   | 24                            | 24               | —              | —                    | —             | —             | 19             | 2,972          | —                                  | —                | 2,991                | —                    |
| 6                   | 27                            | 25               | —              | —                    | —             | —             | —              | —              | —                                  | 285              | 285                  | —                    |
| 6                   | 30                            | 15               | —              | —                    | —             | —             | —              | —              | —                                  | 1,073            | 1,073                | —                    |
| 7                   | 7                             | 7                | —              | 2                    | 2             | —             | 756            | 6,219          | —                                  | —                | 6,979                | —                    |
| 7                   | 8                             | 6                | —              | —                    | —             | —             | —              | —              | —                                  | 1,709            | 1,709                | —                    |
| 8                   | 10                            | 6                | —              | —                    | —             | —             | —              | —              | —                                  | 883              | 883                  | —                    |
| 8                   | 12                            | 6                | 8              | —                    | 7             | 25            | 331            | 143            | 257                                | —                | 771                  | —                    |
| 8                   | 12                            | 12               | —              | —                    | 11            | 856           | —              | —              | —                                  | —                | 867                  | 8,748                |
| 8                   | 12                            | 16               | —              | —                    | —             | —             | —              | —              | —                                  | —                | —                    | 125                  |
| 8                   | 16                            | 0                | —              | —                    | —             | —             | 3              | 3,320          | —                                  | —                | 3,323                | —                    |
| 8                   | 16                            | 8                | 40             | 640                  | 1,452         | 15,479        | 47             | 2,107          | —                                  | —                | 19,765               | 75                   |
| 8                   | 16                            | 16               | —              | 92                   | —             | —             | 12,076         | 14,582         | —                                  | 5                | 26,755               | 3,271                |
| 8                   | 24                            | 0                | —              | —                    | —             | —             | —              | 413            | —                                  | —                | 413                  | 17,663               |
| 8                   | 32                            | 16               | —              | —                    | —             | —             | —              | 2,036          | —                                  | —                | 2,036                | 181                  |
| 9                   | 9                             | 9                | —              | —                    | —             | —             | —              | 1,082          | —                                  | —                | 1,082                | —                    |
| 9                   | 20                            | 20               | —              | —                    | 125           | —             | —              | —              | —                                  | —                | 125                  | —                    |
| 10                  | 4                             | 4                | —              | —                    | —             | —             | —              | —              | —                                  | 134              | 134                  | —                    |
| 10                  | 5                             | 10               | —              | —                    | —             | —             | 290            | 1,442          | —                                  | —                | 1,732                | —                    |
| 10                  | 6                             | 4                | 2              | 14                   | 45            | 43            | 1,564          | 4,909          | —                                  | 1,115            | 7,692                | 65                   |
| 10                  | 10                            | 10               | 103            | 566                  | 2,708         | 3,162         | 11,686         | 60,041         | 5                                  | 31               | 78,302               | 9,038                |
| 10                  | 15                            | 15               | —              | —                    | —             | —             | —              | 18             | —                                  | —                | 18                   | 1,529                |
| 10                  | 15                            | 20               | —              | —                    | —             | —             | —              | 2,300          | —                                  | —                | 2,300                | —                    |
| 10                  | 20                            | 0                | —              | —                    | —             | —             | —              | 103            | —                                  | —                | 103                  | —                    |
| 10                  | 20                            | 10               | —              | —                    | —             | 5             | 20             | 410            | —                                  | 1,268            | 1,703                | 155                  |
| 10                  | 20                            | 20               | 12             | 129                  | —             | —             | 5              | 59             | —                                  | 17               | 222                  | 160                  |
| 10                  | 24                            | 12               | —              | —                    | —             | —             | 1              | 764            | —                                  | —                | 765                  | —                    |
| 10                  | 30                            | 10               | —              | —                    | —             | —             | —              | —              | 1,577                              | 1,831            | 3,408                | 4,600                |
| 10                  | 52                            | 17               | —              | —                    | 7             | 1             | 44             | 262            | —                                  | —                | 314                  | —                    |
| 11                  | 12                            | 14               | —              | —                    | —             | —             | —              | —              | —                                  | —                | —                    | 177                  |
| 12                  | 5                             | 7                | 20             | —                    | 15            | 49            | 726            | 535            | 387                                | —                | 1,732                | —                    |
| 12                  | 6                             | 6                | 4              | 1                    | 20            | 60            | 239            | 286            | —                                  | 8                | 618                  | —                    |
| 12                  | 12                            | 12               | —              | —                    | —             | 171           | —              | 540            | —                                  | —                | 711                  | 488                  |
| 13                  | 13                            | 13               | —              | —                    | —             | —             | —              | —              | 320                                | 34               | 354                  | —                    |
| 13                  | 16                            | 10               | —              | —                    | —             | —             | —              | —              | —                                  | 4,981            | 4,981                | —                    |
| 14                  | 7                             | 6                | —              | —                    | —             | —             | 280            | 47             | —                                  | —                | 327                  | —                    |
| 14                  | 7                             | 7                | —              | —                    | 1             | —             | —              | 2,548          | 3                                  | 72               | 2,624                | —                    |
| 14                  | 14                            | 7                | —              | —                    | —             | —             | —              | 15             | 1,508                              | 65               | 1,588                | —                    |
| 15                  | 10                            | 10               | —              | —                    | —             | 5             | 8              | 4              | —                                  | —                | 17                   | 761                  |
| 16                  | 6                             | 8                | —              | —                    | —             | —             | 364            | 6,046          | —                                  | —                | 6,410                | 395                  |
| 16                  | 10                            | 20               | —              | —                    | —             | —             | 10             | —              | —                                  | —                | 10                   | 974                  |
| Other mixes         |                               |                  | —              | 322                  | 27            | 516           | 1,895          | 23,060         | 88                                 | 2,145            | 28,053               | 22,915               |
| <b>Totals, 1964</b> |                               |                  | <b>4,620</b>   | <b>55,188</b>        | <b>28,292</b> | <b>69,743</b> | <b>176,671</b> | <b>485,021</b> | <b>4,236</b>                       | <b>20,981</b>    | <b>844,752</b>       | <b>144,935</b>       |
| <b>Totals, 1963</b> |                               |                  | <b>4,623</b>   | <b>55,352</b>        | <b>28,613</b> | <b>70,085</b> | <b>174,685</b> | <b>452,284</b> | <b>3,002</b>                       | <b>20,100</b>    | <b>808,744</b>       | <b>84,201</b>        |

Note: Figures in this table include tobacco fertilizers and fertilizers containing boron and magnesium oxide.

TABLE 7. Tobacco Specials Sold during Year Ended June 30, 1964

| Analysis      |                               |                  | Quebec       | Ontario       | Other provinces | Canada        |
|---------------|-------------------------------|------------------|--------------|---------------|-----------------|---------------|
| N             | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O | short tons   |               |                 |               |
| 0             | 12                            | 20               | —            | 7             | —               | 7             |
| 0             | 15                            | 15               | 8            | 647           | —               | 655           |
| 0             | 16                            | 16               | —            | 380           | —               | 380           |
| 0             | 20                            | 20               | —            | 116           | —               | 116           |
| 2             | 12                            | 12               | 2,766        | 10,601        | —               | 13,367        |
| 2             | 12                            | 14               | —            | 12,506        | —               | 12,506        |
| 2             | 12                            | 16               | 719          | 11,666        | —               | 12,385        |
| 2             | 14                            | 14               | —            | 638           | —               | 638           |
| 2             | 15                            | 15               | —            | 545           | —               | 545           |
| 3             | 12                            | 12               | —            | 43            | —               | 43            |
| 3             | 14                            | 14               | —            | 15            | —               | 15            |
| 3             | 18                            | 18               | —            | 519           | 19              | 538           |
| 5             | 8                             | 11               | 1,619        | —             | —               | 1,619         |
| 5             | 10                            | 15               | 44           | 877           | —               | 921           |
| 10            | 20                            | 10               | —            | 85            | —               | 85            |
| Other         |                               |                  | 199          | 6,714         | 337             | 7,250         |
| <b>Totals</b> |                               |                  | <b>5,355</b> | <b>45,359</b> | <b>356</b>      | <b>51,070</b> |

Note: The figures in this table are included in Table 6.

TABLE 8. County Distribution of Fertilizer Materials and Mixed Fertilizers Sold in Prince Edward Island during the Year Ended June 30, 1964

| County        | Materials  | Mixed fertilizers | Total         |
|---------------|------------|-------------------|---------------|
| short tons    |            |                   |               |
| Kings         | 114        | 9,593             | 9,707         |
| Prince        | 297        | 28,487            | 28,784        |
| Queens        | 230        | 17,108            | 17,338        |
| <b>Totals</b> | <b>641</b> | <b>55,188</b>     | <b>55,829</b> |

TABLE 9. County Distribution of Fertilizer Materials and Mixed Fertilizers Sold in Nova Scotia during the Year Ended June 30, 1964

| County        | Materials    | Mixed fertilizers | Total         |
|---------------|--------------|-------------------|---------------|
| short tons    |              |                   |               |
| Annapolis     | 96           | 1,396             | 1,492         |
| Antigonish    | 37           | 1,109             | 1,146         |
| Cape Breton   | 60           | 847               | 907           |
| Colchester    | 183          | 3,485             | 3,668         |
| Cumberland    | 147          | 1,917             | 2,064         |
| Digby         | 73           | 1,154             | 1,227         |
| Guysborough   | —            | 50                | 50            |
| Halifax       | 176          | 1,252             | 1,428         |
| Hants         | 184          | 2,880             | 3,064         |
| Inverness     | 64           | 794               | 858           |
| Kings         | 1,124        | 9,650             | 10,774        |
| Lunenburg     | 126          | 1,544             | 1,670         |
| Pictou        | 67           | 1,376             | 1,443         |
| Richmond      | 3            | 73                | 76            |
| Queens        | 7            | 160               | 167           |
| Shelburne     | 4            | 88                | 92            |
| Victoria      | 4            | 157               | 161           |
| Yarmouth      | 26           | 360               | 386           |
| <b>Totals</b> | <b>2,381</b> | <b>28,292</b>     | <b>30,673</b> |

TABLE 10. County Distribution of Fertilizer Materials and Mixed Fertilizers Sold in New Brunswick during the Year Ended June 30, 1964

| County         | Materials    | Mixed fertilizers | Total         |
|----------------|--------------|-------------------|---------------|
| short tons     |              |                   |               |
| Alberta        | 5            | 208               | 213           |
| Carleton       | 142          | 22,253            | 22,395        |
| Charlotte      | 92           | 701               | 793           |
| Gloucester     | 43           | 1,413             | 1,456         |
| Kent           | 31           | 1,251             | 1,282         |
| Kings          | 76           | 2,986             | 3,062         |
| Madawaska      | 20           | 3,267             | 3,287         |
| Northumberland | 39           | 1,551             | 1,590         |
| Queens         | 16           | 448               | 464           |
| Restigouch     | 122          | 2,440             | 2,562         |
| Saint John     | 71           | 593               | 664           |
| Sunbury        | 1            | 197               | 198           |
| Victoria       | 135          | 25,167            | 25,302        |
| Westmorland    | 410          | 3,565             | 3,975         |
| York           | 118          | 3,703             | 3,821         |
| <b>Totals</b>  | <b>1,321</b> | <b>69,743</b>     | <b>71,064</b> |

TABLE 11. County Distribution of Fertilizer Materials and Mixed Fertilizers Sold in Quebec during the Year Ended June 30, 1964

| County                               | Materials     | Mixed fertilizers | Total          |
|--------------------------------------|---------------|-------------------|----------------|
|                                      |               | short tons        |                |
| Abitibi .....                        | 262           | 804               | 1,066          |
| Argenteuil .....                     | 147           | 764               | 911            |
| Arthabaska .....                     | 575           | 8,244             | 8,819          |
| Bagot .....                          | 414           | 5,642             | 6,056          |
| Beauce .....                         | 290           | 3,980             | 4,270          |
| Beauharnois .....                    | 140           | 1,152             | 1,292          |
| Bellechasse .....                    | 424           | 2,923             | 3,347          |
| Berthier .....                       | 130           | 2,300             | 2,430          |
| Bonaventure .....                    | 71            | 1,321             | 1,392          |
| Brome .....                          | 34            | 414               | 448            |
| Chambly .....                        | 88            | 652               | 740            |
| Champlain .....                      | 263           | 2,120             | 2,383          |
| Charlevoix .....                     | 40            | 733               | 773            |
| Châteauguay .....                    | 383           | 3,161             | 3,544          |
| Chicoutimi .....                     | 149           | 1,952             | 2,101          |
| Compton .....                        | 102           | 3,013             | 3,115          |
| Deux Montagnes (Two Mountains) ..... | 1,118         | 2,751             | 3,869          |
| Dorchester .....                     | 192           | 3,387             | 3,579          |
| Drummond .....                       | 179           | 4,003             | 4,182          |
| Frontenac .....                      | 51            | 2,076             | 2,127          |
| Gaspé .....                          | 22            | 618               | 640            |
| Gatineau .....                       | 13            | 255               | 268            |
| Hull .....                           | 4             | 181               | 185            |
| Huntingdon .....                     | 139           | 1,750             | 1,889          |
| Iberville .....                      | 132           | 2,662             | 2,794          |
| Iles de la Madeleine .....           | 33            | 174               | 207            |
| Jesus Island .....                   | 133           | 4,696             | 4,829          |
| Joliette .....                       | 361           | 5,360             | 5,721          |
| Kamouraska .....                     | 388           | 2,917             | 3,303          |
| Labelle .....                        | 17            | 927               | 944            |
| Lac St. Jean (Lake St. John) .....   | 275           | 2,287             | 2,562          |
| La Prairie .....                     | 560           | 2,630             | 3,190          |
| L'Assomption .....                   | 151           | 2,627             | 2,778          |
| Lévis .....                          | 152           | 1,977             | 2,129          |
| L'Islet .....                        | 218           | 1,404             | 1,622          |
| Lotbinière .....                     | 815           | 4,145             | 4,960          |
| Maskinongé .....                     | 30            | 141               | 171            |
| Matane .....                         | 109           | 1,853             | 1,962          |
| Matapédia .....                      | 103           | 1,387             | 1,490          |
| Mégantic .....                       | 357           | 3,661             | 4,018          |
| Missiquoi .....                      | 241           | 3,095             | 3,336          |
| Montcalm .....                       | 102           | 3,130             | 3,232          |
| Montmagny .....                      | 237           | 878               | 1,115          |
| Montmorency .....                    | 101           | 3,478             | 3,579          |
| Montreal Island .....                | 395           | 3,497             | 3,892          |
| Napierville .....                    | 140           | 8,517             | 8,657          |
| Nicolet .....                        | 625           | 5,532             | 6,157          |
| Papineau .....                       | 124           | 2,019             | 2,143          |
| Pontiac .....                        | 786           | 380               | 1,166          |
| Portneuf .....                       | 302           | 3,662             | 3,964          |
| Québec .....                         | 363           | 2,064             | 2,427          |
| Richelieu .....                      | 201           | 1,552             | 1,753          |
| Richmond .....                       | 128           | 2,377             | 2,505          |
| Rimouski .....                       | 305           | 3,253             | 3,558          |
| Rivière-du-Loup .....                | 120           | 6,668             | 6,788          |
| Rouville .....                       | 349           | 4,341             | 4,690          |
| Saguenay .....                       | 7             | 498               | 505            |
| Shefford .....                       | 225           | 3,293             | 3,518          |
| Sherbrooke .....                     | 179           | 2,211             | 2,390          |
| Soulanges .....                      | 162           | 740               | 902            |
| Stanstead .....                      | 94            | 2,239             | 2,333          |
| St. Hyacinthe .....                  | 515           | 6,233             | 6,748          |
| St. Johns .....                      | 43            | 1,879             | 1,922          |
| St. Maurice .....                    | 294           | 1,069             | 1,363          |
| Temiscamingue .....                  | 48            | 646               | 694            |
| Témiscouata .....                    | 55            | 1,026             | 1,081          |
| Terrebonne .....                     | 65            | 1,676             | 1,741          |
| Vaudreuil .....                      | 63            | 587               | 650            |
| Verchères .....                      | 164           | 2,238             | 2,402          |
| Wolfe .....                          | 77            | 1,939             | 2,016          |
| Yamaska .....                        | 244           | 2,910             | 3,154          |
| <b>Totals, Quebec .....</b>          | <b>15,816</b> | <b>176,671</b>    | <b>192,487</b> |

TABLE 12. County Distribution of Fertilizer Materials and Mixed Fertilizers Sold in Ontario during the Year Ended June 30, 1964

| County                       | Materials      | Mixed fertilizers | Total          |
|------------------------------|----------------|-------------------|----------------|
|                              |                | short tons        |                |
| Algoma .....                 | 190            | 977               | 1,167          |
| Brant .....                  | 3,821          | 11,265            | 15,086         |
| Bruce .....                  | 6,263          | 14,935            | 21,198         |
| Carleton .....               | 1,265          | 4,566             | 5,831          |
| Cochrane .....               | 239            | 615               | 854            |
| Dufferin .....               | 506            | 6,581             | 7,087          |
| Dundas .....                 | 553            | 1,622             | 2,175          |
| Durham .....                 | 1,130          | 6,383             | 7,513          |
| Elgin .....                  | 8,824          | 24,400            | 33,224         |
| Essex .....                  | 21,291         | 35,454            | 56,745         |
| Frontenac .....              | 259            | 725               | 984            |
| Glengarry .....              | 251            | 911               | 1,162          |
| Grenville .....              | 270            | 2,355             | 2,625          |
| Grey .....                   | 3,715          | 10,171            | 13,886         |
| Haldimand .....              | 1,897          | 5,170             | 7,067          |
| Haliburton .....             | 405            | 33                | 438            |
| Halton .....                 | 1,250          | 4,351             | 5,601          |
| Hastings .....               | 497            | 2,583             | 3,080          |
| Huron .....                  | 4,777          | 25,814            | 30,591         |
| Kenora .....                 | 55             | 111               | 166            |
| Kent .....                   | 34,557         | 65,633            | 100,190        |
| Lambton .....                | 11,420         | 24,143            | 35,563         |
| Lanark .....                 | 301            | 1,757             | 2,058          |
| Leeds .....                  | 198            | 1,795             | 1,993          |
| Lennox-Addington .....       | 131            | 867               | 998            |
| Lincoln .....                | 2,699          | 5,632             | 8,331          |
| Manitoulin .....             | 157            | 520               | 677            |
| Middlesex .....              | 10,273         | 36,229            | 46,502         |
| Muskoka .....                | 72             | 406               | 478            |
| Nipissing .....              | 140            | 828               | 968            |
| Norfolk .....                | 11,325         | 34,873            | 46,198         |
| Northumberland .....         | 1,292          | 5,056             | 6,348          |
| Ontario .....                | 1,465          | 9,412             | 10,877         |
| Oxford .....                 | 5,359          | 20,783            | 26,142         |
| Parry Sound .....            | 384            | 828               | 1,210          |
| Peel .....                   | 753            | 4,400             | 5,153          |
| Perth .....                  | 3,788          | 18,354            | 22,142         |
| Peterboro .....              | 334            | 2,260             | 2,594          |
| Prescott .....               | 669            | 2,738             | 3,407          |
| Prince Edward .....          | 486            | 1,892             | 2,378          |
| Rainy River .....            | —              | 13                | 13             |
| Renfrew .....                | 1,171          | 1,741             | 2,912          |
| Russell .....                | 453            | 2,239             | 2,692          |
| Simcoe .....                 | 2,566          | 17,520            | 20,086         |
| Stormont .....               | 178            | 1,036             | 1,214          |
| Sudbury .....                | 252            | 2,026             | 2,278          |
| Temiskaming .....            | 335            | 959               | 1,294          |
| Thunder Bay .....            | 243            | 1,053             | 1,296          |
| Victoria .....               | 457            | 3,416             | 3,873          |
| Waterloo .....               | 2,303          | 11,646            | 13,949         |
| Welland .....                | 1,262          | 3,689             | 4,951          |
| Wellington .....             | 2,538          | 14,949            | 17,487         |
| Wentworth .....              | 2,191          | 7,888             | 10,079         |
| York .....                   | 8,586          | 19,420            | 28,006         |
| No distribution .....        | —              | —                 | —              |
| <b>Totals, Ontario .....</b> | <b>165,796</b> | <b>485,021</b>    | <b>650,817</b> |

TABLE 13. Nitrogen, Phosphoric Acid and Potash Contained in Fertilizers Sold during the Years Ended June 30 1963 and 1964

| Province                    | 1963               |                   |                                                  |                           | 1964               |                |                                                  |                           |
|-----------------------------|--------------------|-------------------|--------------------------------------------------|---------------------------|--------------------|----------------|--------------------------------------------------|---------------------------|
|                             | Total tonnage sold | Contained         |                                                  |                           | Total tonnage sold | Contained      |                                                  |                           |
|                             |                    | Nitrogen (N)      | Phosphoric acid (P <sub>2</sub> O <sub>5</sub> ) | Potash (K <sub>2</sub> O) |                    | Nitrogen (N)   | Phosphoric acid (P <sub>2</sub> O <sub>5</sub> ) | Potash (K <sub>2</sub> O) |
| short tons                  |                    |                   |                                                  |                           |                    |                |                                                  |                           |
| (a) In materials            |                    |                   |                                                  |                           |                    |                |                                                  |                           |
| Newfoundland .....          | 421                | 80                | 11                                               | 1                         | 467                | 90             | 6                                                | 11                        |
| Prince Edward Island .....  | 415                | 89                | 26                                               | 6                         | 641                | 119            | 44                                               | 10                        |
| Nova Scotia .....           | 2,242              | 382               | 162                                              | 74                        | 2,381              | 450            | 153                                              | 85                        |
| New Brunswick .....         | 814                | 143               | 55                                               | 27                        | 1,321              | 293            | 68                                               | 47                        |
| Quebec .....                | 14,784             | 829               | 2,382                                            | 443                       | 15,816             | 1,569          | 2,295                                            | 349                       |
| Ontario .....               | 119,387            | 26,930            | 9,237                                            | 8,307                     | 165,796            | 43,018         | 12,934                                           | 12,652                    |
| Manitoba .....              | 45,608             | 7,423             | 14,986                                           | 37                        | 57,229             | 9,979          | 17,555                                           | 103                       |
| Saskatchewan .....          | 71,951             | 9,678             | 29,369                                           | 4                         | 118,890            | 17,157         | 45,754                                           | 19                        |
| Alberta .....               | 169,273            | 30,314            | 45,566                                           | 34                        | 223,016            | 41,645         | 56,021                                           | 23                        |
| British Columbia .....      | 23,202             | 4,175             | 3,480                                            | 771                       | 24,023             | 4,455          | 3,702                                            | 788                       |
| <b>Totals, Canada .....</b> | <b>448,097</b>     | <b>80,043</b>     | <b>105,274</b>                                   | <b>9,704</b>              | <b>609,580</b>     | <b>118,775</b> | <b>138,532</b>                                   | <b>14,087</b>             |
| Exported from Canada .....  | <del>1377144</del> | 221,455           | 89,520                                           | <sup>1</sup>              | 1,750,618          | 152,606        | 77,322                                           | <sup>1</sup>              |
| <b>Grand totals .....</b>   | <b>1,825,241</b>   | <del>301498</del> | <b>194,794</b>                                   | <sup>1</sup>              | <b>2,360,198</b>   | <b>271,381</b> | <b>215,854</b>                                   | <sup>1</sup>              |
| (b) In mixtures             |                    |                   |                                                  |                           |                    |                |                                                  |                           |
| Newfoundland .....          | 4,823              | 259               | 571                                              | 477                       | 4,620              | 261            | 572                                              | 477                       |
| Prince Edward Island .....  | 55,352             | 3,306             | 6,743                                            | 6,523                     | 55,188             | 3,270          | 6,805                                            | 6,521                     |
| Nova Scotia .....           | 28,613             | 1,618             | 3,740                                            | 3,284                     | 28,292             | 1,636          | 3,654                                            | 3,250                     |
| New Brunswick .....         | 70,085             | 4,508             | 9,106                                            | 6,978                     | 69,743             | 4,500          | 9,150                                            | 6,811                     |
| Quebec .....                | 174,685            | 7,847             | 26,864                                           | 23,705                    | 176,671            | 8,253          | 27,173                                           | 24,058                    |
| Ontario .....               | 452,284            | 22,695            | 67,443                                           | 59,177                    | 485,021            | 26,589         | 74,473                                           | 63,173                    |
| Manitoba .....              | 1,517              | 179               | 316                                              | 134                       | 2,620              | 316            | 440                                              | 206                       |
| Saskatchewan .....          | 311                | 29                | 54                                               | 27                        | 450                | 47             | 90                                               | 42                        |
| Alberta .....               | 1,174              | 124               | 250                                              | 107                       | 1,166              | 127            | 262                                              | 109                       |
| British Columbia .....      | 20,100             | 1,715             | 2,953                                            | 1,873                     | 20,981             | 1,804          | 3,094                                            | 1,982                     |
| <b>Totals, Canada .....</b> | <b>808,744</b>     | <b>42,280</b>     | <b>118,040</b>                                   | <b>102,285</b>            | <b>844,752</b>     | <b>46,803</b>  | <b>125,713</b>                                   | <b>106,609</b>            |
| Exported from Canada .....  | 84,201             | 8,148             | 12,370                                           | 9,454                     | 144,935            | 10,102         | 25,520                                           | 13,467                    |
| <b>Grand totals .....</b>   | <b>892,945</b>     | <b>50,428</b>     | <b>130,410</b>                                   | <b>111,739</b>            | <b>989,687</b>     | <b>56,905</b>  | <b>151,233</b>                                   | <b>120,076</b>            |
| (c) Total                   |                    |                   |                                                  |                           |                    |                |                                                  |                           |
| Newfoundland .....          | 5,044              | 339               | 582                                              | 478                       | 5,087              | 351            | 578                                              | 488                       |
| Prince Edward Island .....  | 55,767             | 3,395             | 6,769                                            | 6,529                     | 55,829             | 3,389          | 6,849                                            | 6,531                     |
| Nova Scotia .....           | 30,855             | 2,000             | 3,902                                            | 3,358                     | 30,673             | 2,086          | 3,807                                            | 3,335                     |
| New Brunswick .....         | 70,899             | 4,651             | 9,161                                            | 7,005                     | 71,064             | 4,793          | 9,218                                            | 6,858                     |
| Quebec .....                | 189,469            | 8,876             | 29,246                                           | 24,148                    | 192,487            | 9,822          | 29,488                                           | 24,407                    |
| Ontario .....               | 571,671            | 49,625            | 76,680                                           | 67,484                    | 650,817            | 69,607         | 87,407                                           | 75,825                    |
| Manitoba .....              | 47,125             | 7,602             | 15,302                                           | 171                       | 59,849             | 10,295         | 17,995                                           | 309                       |
| Saskatchewan .....          | 72,262             | 9,707             | 29,423                                           | 31                        | 119,340            | 17,204         | 45,844                                           | 61                        |
| Alberta .....               | 170,447            | 30,438            | 45,816                                           | 141                       | 224,182            | 41,772         | 56,283                                           | 132                       |
| British Columbia .....      | 43,302             | 5,890             | 6,433                                            | 2,644                     | 45,004             | 6,259          | 6,796                                            | 2,750                     |
| <b>Totals, Canada .....</b> | <b>1,256,841</b>   | <b>122,323</b>    | <b>223,314</b>                                   | <b>111,989</b>            | <b>1,454,332</b>   | <b>165,578</b> | <b>264,245</b>                                   | <b>120,696</b>            |
| Exported from Canada .....  | 1,461,345          | 229,603           | 101,890                                          | <sup>1</sup>              | 1,895,553          | 162,708        | 102,842                                          | <sup>1</sup>              |
| <b>Grand totals .....</b>   | <b>2,718,186</b>   | <b>351,926</b>    | <b>325,204</b>                                   | <sup>1</sup>              | <b>3,349,885</b>   | <b>328,286</b> | <b>367,087</b>                                   | <sup>1</sup>              |

<sup>1</sup> Not available for publication—primarily only one firm involved.

TABLE 14. Fertilizers Sold for Consumption in Canada during the Years Ended June 30, 1940-64

| Year | Materials  |                     | Mixtures   |                     | Total<br>short tons |
|------|------------|---------------------|------------|---------------------|---------------------|
|      | Quantity   | Percentage of total | Quantity   | Percentage of total |                     |
|      | short tons |                     | short tons |                     |                     |
| 1940 | 85,638     | 24.7                | 261,083    | 75.3                | 346,721             |
| 1945 | 92,026     | 16.0                | 483,081    | 84.0                | 575,107             |
| 1946 | 90,446     | 14.3                | 542,497    | 85.7                | 632,943             |
| 1947 | 95,870     | 14.5                | 564,851    | 85.5                | 660,721             |
| 1948 | 107,299    | 15.6                | 564,872    | 84.4                | 672,171             |
| 1949 | 129,968    | 17.5                | 611,758    | 82.5                | 741,726             |
| 1950 | 145,972    | 19.1                | 618,609    | 80.9                | 764,581             |
| 1951 | 153,933    | 19.9                | 616,574    | 80.1                | 770,507             |
| 1952 | 156,049    | 20.3                | 612,496    | 79.7                | 768,545             |
| 1953 | 179,600    | 21.9                | 640,203    | 78.1                | 819,803             |
| 1954 | 160,481    | 19.8                | 651,160    | 80.2                | 811,641             |
| 1955 | 139,301    | 17.6                | 651,473    | 82.4                | 790,774             |
| 1956 | 148,037    | 18.5                | 652,643    | 81.5                | 800,680             |
| 1957 | 156,497    | 19.4                | 651,754    | 80.6                | 808,251             |
| 1958 | 181,973    | 20.9                | 688,566    | 79.1                | 870,539             |
| 1959 | 218,661    | 24.0                | 689,553    | 76.0                | 908,214             |
| 1960 | 243,720    | 26.1                | 691,708    | 73.9                | 935,428             |
| 1961 | 297,730    | 27.6                | 779,682    | 72.4                | 1,077,412           |
| 1962 | 344,800    | 30.1                | 799,200    | 69.9                | 1,144,000           |
| 1963 | 448,097    | 35.7                | 808,744    | 64.3                | 1,256,841           |
| 1964 | 609,580    | 41.9                | 844,752    | 58.1                | 1,454,332           |

TABLE 15. Nitrogen, Phosphoric Acid and Potash Contained in Fertilizers Sold in Canada during the Years Ended June 30, 1944-64

| Year | In materials |                               |                  | In mixtures |                               |                  | Total   |                               |                  |
|------|--------------|-------------------------------|------------------|-------------|-------------------------------|------------------|---------|-------------------------------|------------------|
|      | N            | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O | N           | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O | N       | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O |
|      | short tons   |                               |                  |             |                               |                  |         |                               |                  |
| 1944 | 5,422        | 15,286                        | 2,933            | 13,638      | 48,850                        | 28,020           | 19,060  | 64,136                        | 30,953           |
| 1945 | 7,633        | 25,387                        | 3,087            | 14,327      | 51,309                        | 39,578           | 21,960  | 76,696                        | 42,665           |
| 1946 | 7,834        | 21,424                        | 2,241            | 16,519      | 57,171                        | 43,224           | 24,353  | 78,595                        | 45,465           |
| 1947 | 8,923        | 26,231                        | 2,216            | 16,821      | 59,021                        | 44,913           | 25,744  | 85,252                        | 47,129           |
| 1948 | 10,693       | 30,149                        | 2,738            | 17,153      | 59,386                        | 47,342           | 27,846  | 89,537                        | 50,080           |
| 1949 | 12,001       | 37,789                        | 2,749            | 18,340      | 67,221                        | 52,312           | 30,341  | 105,010                       | 55,061           |
| 1950 | 14,533       | 47,151                        | 1,924            | 18,820      | 70,840                        | 54,063           | 33,353  | 117,991                       | 55,987           |
| 1951 | 16,167       | 48,745                        | 2,181            | 18,328      | 73,142                        | 53,949           | 34,495  | 121,887                       | 56,130           |
| 1952 | 17,357       | 46,413                        | 2,594            | 19,213      | 72,951                        | 55,423           | 36,570  | 119,364                       | 58,017           |
| 1953 | 20,956       | 52,829                        | 2,838            | 22,933      | 79,873                        | 84,749           | 43,889  | 132,702                       | 67,587           |
| 1954 | 18,213       | 42,108                        | 3,327            | 23,812      | 80,239                        | 66,641           | 42,025  | 122,347                       | 69,968           |
| 1955 | 17,422       | 32,672                        | 3,120            | 25,410      | 82,032                        | 71,219           | 42,832  | 114,704                       | 74,339           |
| 1956 | 19,687       | 33,229                        | 3,472            | 25,324      | 84,702                        | 73,472           | 45,011  | 117,931                       | 76,944           |
| 1957 | 23,062       | 35,384                        | 3,290            | 26,611      | 85,806                        | 75,084           | 49,673  | 121,190                       | 78,374           |
| 1958 | 26,947       | 39,945                        | 4,282            | 28,393      | 87,225                        | 80,393           | 55,340  | 127,170                       | 84,675           |
| 1959 | 32,721       | 50,102                        | 4,443            | 29,401      | 94,774                        | 83,631           | 62,122  | 144,876                       | 88,074           |
| 1960 | 37,155       | 57,533                        | 4,387            | 30,666      | 95,710                        | 84,888           | 67,821  | 153,243                       | 89,275           |
| 1961 | 49,377       | 67,796                        | 5,404            | 36,383      | 109,336                       | 96,514           | 80,478  | 177,132                       | 101,918          |
| 1962 | 58,868       | 81,002                        | 6,558            | 39,480      | 115,761                       | 99,934           | 98,348  | 198,763                       | 106,492          |
| 1963 | 80,043       | 105,274                       | 9,704            | 42,280      | 118,040                       | 102,285          | 122,323 | 223,314                       | 111,989          |
| 1964 | 118,775      | 138,532                       | 14,087           | 46,803      | 125,713                       | 106,609          | 165,578 | 264,245                       | 120,696          |

TABLE 16. Lime and Limestone Produced in Canada for Agricultural Purposes, 1953-63

| Year       | Lime   | Limestone (including marl) | Year       | Lime   | Limestone (including marl) |
|------------|--------|----------------------------|------------|--------|----------------------------|
| short tons |        |                            | short tons |        |                            |
| 1953       | 12,310 | 510,547                    | 1959       | 8,515  | 703,167                    |
| 1954       | 10,923 | 362,110                    | 1960       | 7,731  | 892,177                    |
| 1955       | 5,420  | 424,028                    | 1961       | 10,309 | 1,230,313                  |
| 1956       | 6,251  | 476,806                    | 1962       | 2,682  | 1,189,278                  |
| 1957       | 3,181  | 608,912                    | 1963       | ..     | ..                         |
| 1958       | 3,538  | 691,067                    |            |        |                            |

## List of Reporting Companies, 1964

| Name of company                                               | Plant location               |
|---------------------------------------------------------------|------------------------------|
| Acme Peat Products, Ltd.                                      | Richmond, B.C.               |
| Agricultural Anhydrous Ammonia Co.                            | Aylmer, Ontario              |
| Agricultural Chemicals, Ltd.                                  | Fort Chambly, Quebec         |
| Agricultural Chemicals, Ltd.                                  | London, Ontario              |
| Agricultural Chemicals, Ltd.                                  | Orangeville, Ontario         |
| Agricultural Chemicals, Ltd.                                  | Port Hope, Ontario           |
| Algoma Steel Corporation, Ltd., The                           | Sault Ste. Marie, Ontario    |
| American Agricultural Chemical Corp.                          | Detroit, Michigan, U.S.A.    |
| Brackman-Ker, Division of Maple Leaf Mills, Ltd.              | New Westminster, B.C.        |
| Bradford Fertilizer & Chemical Co. Ltd.                       | Bradford, Ontario            |
| Brockville Chemicals, Limited                                 | Maitland, Ontario            |
| Buckerfield's, Limited                                        | Vancouver, B.C.              |
| Burford Fertilizers Co.                                       | Burford, Ontario             |
| Burns & Co. Ltd.                                              | Edmonton, Alberta            |
| Burns & Co. Ltd.                                              | Vancouver, B.C.              |
| Canada Packers, Ltd.                                          | Summerside, P.E.I.           |
| Canada Packers, Ltd.                                          | Windsor, N.S.                |
| Canada Packers, Ltd.                                          | East Saint John, N.B.        |
| Canada Packers, Ltd. Shurgain Division                        | Montreal, Quebec             |
| Canada Packers, Ltd. Shurgain Division                        | Toronto, Ontario             |
| Canada Packers, Ltd.                                          | Welland, Ontario             |
| Canada Packers, Ltd.                                          | Chatham, Ontario             |
| Canadian Industries, Ltd.                                     | Halifax, N.S.                |
| Canadian Industries, Ltd.                                     | McMasterville, Quebec        |
| Canadian Industries, Ltd.                                     | Montreal, Quebec             |
| Canadian Industries, Ltd.                                     | Chatham, Ontario             |
| Canadian Industries, Ltd.                                     | Hamilton, Ontario            |
| Consolidated Mining and Smelting Company of Canada, Ltd., The | Calgary, Alberta             |
| Consolidated Mining and Smelting Company of Canada, Ltd., The | Kimberly, B.C.               |
| Consolidated Mining and Smelting Company of Canada, Ltd., The | Trail, B.C.                  |
| Cyanamid of Canada, Limited                                   | Niagara Falls, Ontario       |
| Dale, Ralph Fertilizers Co.                                   | Richmond, Ontario            |
| Dominion Steel and Coal Corporation, Limited                  | Sydney, N.S.                 |
| Dominion Potash, Limited                                      | Westmount, Quebec            |
| Dow Chemical of Canada, Ltd.                                  | Samia, Ontario               |
| Electric Reduction Co. of Canada, Ltd.                        | Port Maitland, Ontario       |
| Elgin Co-Operative Services                                   | St. Thomas, Ontario          |
| Elmira Fertilizers, Limited                                   | Elmira, Ontario              |
| Globe Fertilizer Company, Ltd.                                | Vancouver, B.C.              |
| Golden Sunshine Fertilizer Co.                                | Essex, Ontario               |
| Green Valley Fertilizer & Chemical Co. Ltd.                   | North Surrey, B.C.           |
| Harrison Fertilizers, Ltd.                                    | Harriston, Ontario           |
| Houde, W., Ltée.                                              | Laprairie, Quebec            |
| Ry-Trous Company of Canada (1959), Limited                    | Cornwall, Ontario            |
| International Fertilizers, Ltd.                               | Saint John, N.B.             |
| International Fertilizers, Ltd.                               | Quebec, Quebec               |
| International Minerals & Chemical Corp. (Canada), Ltd.        | Esterhazy, Saskatchewan      |
| Island Fertilizers, Ltd.                                      | Charlottetown, P.E.I.        |
| Jenkins, W.A., Mfg. Co. Ltd.                                  | London, Ontario              |
| Kent County Fertilizers, Ltd.                                 | Blenheim, Ontario            |
| Kent County Fertilizers, Ltd.                                 | Ridgetown, Ontario           |
| Lawrie Fertilizers, Ltd.                                      | Mount Albert, Ontario        |
| Les Engrais Chimiques Maska, Ltée.                            | Ste-Rosalie, Quebec          |
| Les Engrais Chimiques Victoria, Ltée                          | Victoriaville, Quebec        |
| Les Engrais Idéal, Ltée                                       | St. Rémi, Quebec             |
| Manchester Products, Limited                                  | Galt, Ontario                |
| Milwaukee Sewerage Commission                                 | Milwaukee, Wisconsin, U.S.A. |
| Misner Fertilizers Limited                                    | Port Dover, Ontario          |
| "Na-Churs" Plant Food Co. (Canada) Ltd.                       | London, Ontario              |
| Northwest Nitro-Chemicals, Ltd.                               | Medicine Hat, Alberta        |
| Ontario Plant Foods, Ltd.                                     | Delhi, Ontario               |
| Prima Fertilizers, Ltd.                                       | Kensington, P.E.I.           |
| Quebec Natural Gas Corporation                                | Montreal, Quebec             |
| Rainbow Chemicals, Ltd.                                       | Tilbury, Ontario             |
| Ram Fertilizer, Ltd.                                          | Courtland, Ontario           |
| Scotch Fertilizers, Ltd.                                      | Glencoe, Ontario             |
| Scotch Fertilizers (Ailsa Craig), Ltd.                        | Ailsa Craig, Ontario         |
| Scotch Fertilizers (Kerwood), Ltd.                            | Kerwood, Ontario             |
| Sherritt Gordon Mines, Ltd.                                   | Fort Saskatchewan, Alberta   |
| So-Green Industries                                           | Don Mills, Ontario           |
| St. Clair Grain and Feeds                                     | Chatham, Ontario             |
| Steel Company of Canada, Limited, The                         | Hamilton, Ontario            |
| Summers Fertilizer Co. Inc., The                              | St. Stephen, N.B.            |
| Swift Canadian Company, Limited                               | Toronto, Ontario             |
| Swift Canadian Company Limited                                | Thamesville, Ontario         |
| Top Value Fertilizers, Ltd.                                   | McGregor, Ontario            |
| Toronto Salt and Chemicals, Ltd.                              | Toronto, Ontario             |
| United Co-operatives of Ontario                               | Stratford, Ontario           |
| United Co-operatives of Ontario                               | Thamesville, Ontario         |
| United Co-operatives of Ontario                               | Tillsonburg, Ontario         |
| United Co-operatives of Ontario                               | Toronto, Ontario             |





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