MARKETABLE PHOSPHATE ROCK NOVEMBER 2021

U.S. marketable phosphate rock production in November was 1.75 million metric tons (Mt), which was 4% lower than that in October and slightly higher than that in November 2020 (table 1). Total phosphate rock production in January through November was 20.5 Mt, which was 5% lower than that in the same period of 2020.

Phosphate rock sold or used in the United States in November was 2.18 Mt, which was 30% higher than that in October and 12% higher than that in November 2020. Total phosphate rock sold or used in January through November was 20.7 Mt, which was 3% lower than that in the same period of 2020. U.S. producer stocks were 4% lower than those at the end of October and 3% lower than those at the end of November 2020 (table 1).

Imports of phosphate rock in November were 99,000 metric tons, which were 62% lower than those in October and 40% lower than those in November 2020 (table 2). Total imports in January through November were 2.14 Mt, which were 6% lower than those in the same period of 2020. Imports of phosphate rock can vary substantially from month to month based on sales contracts and production schedules of the phosphate plants.

Estimated apparent consumption, based on annualized data, for 2021, was 24.9 Mt compared with 25.1 Mt in 2020 (table 3).
TABLE 1
U.S. PHOSPHATE ROCK STATISTICS¹

(Thousand metric tons)

<table>
<thead>
<tr>
<th>Period</th>
<th>Marketable production</th>
<th>Sold or Used</th>
<th>Stocks, end of period²</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>January–November</td>
<td>21,500 †</td>
<td>21,300 †</td>
<td>9,740 †</td>
</tr>
<tr>
<td>November</td>
<td>1,720</td>
<td>1,950</td>
<td>9,740</td>
</tr>
<tr>
<td>December</td>
<td>1,940</td>
<td>1,820</td>
<td>11,000</td>
</tr>
<tr>
<td>January–December³</td>
<td>23,500</td>
<td>22,600</td>
<td>11,000</td>
</tr>
<tr>
<td>2021:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>January</td>
<td>1,820</td>
<td>1,800</td>
<td>9,710 †</td>
</tr>
<tr>
<td>February</td>
<td>1,710</td>
<td>1,790</td>
<td>9,640</td>
</tr>
<tr>
<td>March</td>
<td>1,790</td>
<td>2,000</td>
<td>9,430</td>
</tr>
<tr>
<td>April</td>
<td>1,750</td>
<td>1,960</td>
<td>9,220 †</td>
</tr>
<tr>
<td>May</td>
<td>1,780</td>
<td>1,940</td>
<td>9,070</td>
</tr>
<tr>
<td>June</td>
<td>2,100</td>
<td>1,650</td>
<td>9,520</td>
</tr>
<tr>
<td>July</td>
<td>1,880</td>
<td>1,840</td>
<td>9,570</td>
</tr>
<tr>
<td>August</td>
<td>2,090</td>
<td>2,070</td>
<td>9,370</td>
</tr>
<tr>
<td>September</td>
<td>1,990 †</td>
<td>1,790 †</td>
<td>9,560 †</td>
</tr>
<tr>
<td>October</td>
<td>1,830</td>
<td>1,680</td>
<td>9,900</td>
</tr>
<tr>
<td>November</td>
<td>1,740</td>
<td>2,180</td>
<td>9,460</td>
</tr>
<tr>
<td>January–November</td>
<td>20,500</td>
<td>20,700</td>
<td>9,460</td>
</tr>
</tbody>
</table>

³Revised.
¹Data are rounded to no more than three significant digits; may not add to totals shown.
²Includes inventory adjustments.
³Annual data as reported in Mineral Commodity Summaries; may not add to totals shown.
TABLE 2
U.S. IMPORTS OF PHOSPHATE ROCK\textsuperscript{1}

(Thousand metric tons and thousand dollars)

<table>
<thead>
<tr>
<th>Period</th>
<th>Quantity</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>January–November</td>
<td>2,280</td>
<td>167,000</td>
</tr>
<tr>
<td>November</td>
<td>164</td>
<td>11,900</td>
</tr>
<tr>
<td>December</td>
<td>242</td>
<td>20,400</td>
</tr>
<tr>
<td>January–December</td>
<td>2,520</td>
<td>188,000</td>
</tr>
<tr>
<td>2021:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>January</td>
<td>163</td>
<td>12,400</td>
</tr>
<tr>
<td>February</td>
<td>264</td>
<td>20,600</td>
</tr>
<tr>
<td>March</td>
<td>212</td>
<td>16,200</td>
</tr>
<tr>
<td>April</td>
<td>219</td>
<td>16,500</td>
</tr>
<tr>
<td>May</td>
<td>113</td>
<td>8,630</td>
</tr>
<tr>
<td>June</td>
<td>121</td>
<td>9,460</td>
</tr>
<tr>
<td>July</td>
<td>262</td>
<td>20,900</td>
</tr>
<tr>
<td>August</td>
<td>213</td>
<td>19,100</td>
</tr>
<tr>
<td>September</td>
<td>215</td>
<td>19,000</td>
</tr>
<tr>
<td>October</td>
<td>260</td>
<td>25,200</td>
</tr>
<tr>
<td>November</td>
<td>99</td>
<td>9,430</td>
</tr>
<tr>
<td>January–November</td>
<td>2,140</td>
<td>177,000</td>
</tr>
</tbody>
</table>

\textsuperscript{1}Data are rounded to no more than three significant digits; may not add to totals shown.
\textsuperscript{2}Cost, insurance, and freight values at U.S. ports.

Source: U.S. Census Bureau.
TABLE 3
COMPARATIVE U.S. PHOSPHATE ROCK STATISTICS

(Million metric tons, unless otherwise specified)

<table>
<thead>
<tr>
<th></th>
<th>2019</th>
<th>2020</th>
<th>2021&lt;sup&gt;e,1&lt;/sup&gt;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marketable production</td>
<td>23.3</td>
<td>23.5</td>
<td>22.4</td>
</tr>
<tr>
<td>Sold or used by producers</td>
<td>23.4</td>
<td>22.6</td>
<td>22.6</td>
</tr>
<tr>
<td>Yearend stocks</td>
<td>9.9</td>
<td>11.0</td>
<td>9.9</td>
</tr>
<tr>
<td>Imports for consumption</td>
<td>2.1</td>
<td>2.5</td>
<td>2.3</td>
</tr>
<tr>
<td>Average value per ton&lt;sup&gt;e,2&lt;/sup&gt;</td>
<td>$72.88</td>
<td>$74.55</td>
<td>NA</td>
</tr>
<tr>
<td>Apparent consumption&lt;sup&gt;2,3&lt;/sup&gt;</td>
<td>25.5</td>
<td>25.1</td>
<td>24.9</td>
</tr>
</tbody>
</table>

<sup>e</sup>Estimated. NA Not Available.
<sup>1</sup>Annualized data.
<sup>2</sup>Data may not add to totals shown because of independent rounding.
<sup>3</sup>Calculated as domestic sold or used plus imports.