MARKETABLE PHOSPHATE ROCK IN OCTOBER 2018

U.S. marketable phosphate rock production in October was 1.88 million metric tons (Mt), which was slightly higher than that in September and 21% lower than that in October 2017. Total production for January through October was 22.0 Mt, which was 5% lower than that in the same period of 2017 (table 1).

Phosphate rock used in the United States in October was 2.17 Mt, which was 8% higher than that in September and 16% higher than that in October 2017. Total phosphate rock used in January through October was 19.6 Mt, which was 10% lower than that in same period of 2017. U.S. producer stocks were 3% slightly lower those at the end of September and 27% higher than those at the end of October 2017 (table 1).

Imports of phosphate rock in October were 220,000 metric tons, which was 7% higher than those in September and 15% lower than those in October 2017. Imports of phosphate rock for January through October were 24% higher than those in same period of 2017 (table 2). Imports of phosphate rock can vary substantially from month to month based on sales contracts and production schedules of the phosphate plants.

Apparent consumption for 2018, based on annualized data, was estimated to be 26.4 Mt, compared with 28.2 Mt in 2017 (table 3).
TABLE 1

U.S. PHOSPHATE ROCK STATISTICS¹

(Thousand metric tons)

<table>
<thead>
<tr>
<th>Period</th>
<th>Marketable production</th>
<th>Used</th>
<th>Stocks, end of period²</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>January–October</td>
<td>23,200 *</td>
<td>21,800 *</td>
<td>8,210 *</td>
</tr>
<tr>
<td>October</td>
<td>2,370</td>
<td>1,860</td>
<td>8,210</td>
</tr>
<tr>
<td>November</td>
<td>2,390</td>
<td>2,340</td>
<td>8,350</td>
</tr>
<tr>
<td>December</td>
<td>2,190</td>
<td>1,630</td>
<td>9,020</td>
</tr>
<tr>
<td>January–December</td>
<td>27,700</td>
<td>25,700</td>
<td>9,020</td>
</tr>
<tr>
<td>2018:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>January</td>
<td>2,160</td>
<td>1,790</td>
<td>8,870</td>
</tr>
<tr>
<td>February</td>
<td>2,070</td>
<td>1,950</td>
<td>9,000</td>
</tr>
<tr>
<td>March</td>
<td>2,210</td>
<td>2,070</td>
<td>9,030</td>
</tr>
<tr>
<td>April</td>
<td>2,280</td>
<td>2,030</td>
<td>9,140</td>
</tr>
<tr>
<td>May</td>
<td>2,530</td>
<td>1,870</td>
<td>9,700</td>
</tr>
<tr>
<td>June</td>
<td>2,270</td>
<td>1,780</td>
<td>10,200</td>
</tr>
<tr>
<td>July</td>
<td>2,240</td>
<td>1,910</td>
<td>10,500</td>
</tr>
<tr>
<td>August</td>
<td>2,500</td>
<td>2,010</td>
<td>11,000</td>
</tr>
<tr>
<td>September</td>
<td>1,840</td>
<td>2,000</td>
<td>10,700</td>
</tr>
<tr>
<td>October</td>
<td>1,880</td>
<td>2,170</td>
<td>10,500</td>
</tr>
<tr>
<td>January–October</td>
<td>22,000</td>
<td>19,600</td>
<td>10,500</td>
</tr>
</tbody>
</table>

¹Revised.

¹¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Includes inventory adjustments.
### TABLE 2
U.S. IMPORTS OF PHOSPHATE ROCK¹

(Thousand metric tons and thousand dollars)

<table>
<thead>
<tr>
<th>Period</th>
<th>Quantity</th>
<th>Value²</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>2017:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>January–October</td>
<td>1,980</td>
<td>172,000</td>
</tr>
<tr>
<td>October</td>
<td>259</td>
<td>22,000</td>
</tr>
<tr>
<td>November</td>
<td>203</td>
<td>14,600</td>
</tr>
<tr>
<td>December</td>
<td>329</td>
<td>24,300</td>
</tr>
<tr>
<td>January–December</td>
<td>2,520</td>
<td>211,000</td>
</tr>
<tr>
<td><strong>2018:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>January</td>
<td>231</td>
<td>16,600</td>
</tr>
<tr>
<td>February</td>
<td>178</td>
<td>11,000</td>
</tr>
<tr>
<td>March</td>
<td>167</td>
<td>9,930</td>
</tr>
<tr>
<td>April</td>
<td>279</td>
<td>22,600</td>
</tr>
<tr>
<td>May</td>
<td>318</td>
<td>21,200</td>
</tr>
<tr>
<td>June</td>
<td>246</td>
<td>20,500</td>
</tr>
<tr>
<td>July</td>
<td>257</td>
<td>17,500</td>
</tr>
<tr>
<td>August</td>
<td>349</td>
<td>29,600</td>
</tr>
<tr>
<td>September</td>
<td>206</td>
<td>15,300</td>
</tr>
<tr>
<td>October</td>
<td>220</td>
<td>14,100</td>
</tr>
<tr>
<td>January–October</td>
<td>2,450</td>
<td>178,000</td>
</tr>
</tbody>
</table>

¹Revised.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Cost, 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>2016</th>
<th>2017</th>
<th>2018*1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marketable production</td>
<td>27.1</td>
<td>27.7</td>
<td>26.4</td>
</tr>
<tr>
<td>Used by producers</td>
<td>26.7</td>
<td>25.7</td>
<td>23.5</td>
</tr>
<tr>
<td>Yearend stocks</td>
<td>7.5</td>
<td>9.0</td>
<td>10.0</td>
</tr>
<tr>
<td>Imports for consumption</td>
<td>1.6</td>
<td>2.5</td>
<td>2.9</td>
</tr>
<tr>
<td>Average value per ton</td>
<td>$100.79</td>
<td>$83.75</td>
<td>NA</td>
</tr>
<tr>
<td>Apparent consumption1,2,3</td>
<td>28.2</td>
<td>28.2</td>
<td>26.4</td>
</tr>
</tbody>
</table>

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