

# FERTILIZER

## FERTILIZER: Commercial consumption, State of Hawaii, 1998-2002

Type	Year ending June 30				
	1998	1999	2000 <sup>1</sup>	2001 <sup>2</sup>	2002 <sup>2</sup>
<b>Consumption of fertilizers by class - Short tons of material</b>					
Total fertilizer	112,762	98,103	90,000	90,000	<b>90,000</b>
Total dry single-nutrient	29,275	25,470	23,366	23,366	<b>23,366</b>
Total dry multiple-nutrient	33,924	29,514	27,076	27,076	<b>27,076</b>
Fluid single-nutrient	26,350	22,925	21,031	21,031	<b>21,031</b>
Fluid multiple-nutrient	18,943	16,481	15,119	15,119	<b>15,119</b>
Total single-nutrient	55,625	48,394	44,397	44,397	<b>44,397</b>
Total multiple-nutrient	52,868	45,995	42,196	42,196	<b>42,196</b>
Total N	17,333	15,080	13,834	13,834	<b>13,834</b>
N in multi-nutrients	6,990	6,081	5,579	5,579	<b>5,579</b>
Total available P <sub>2</sub> O <sub>5</sub>	5,890	5,125	4,701	4,701	<b>4,701</b>
Available P <sub>2</sub> O <sub>5</sub> in multi-nutrients	5,776	5,025	4,610	4,610	<b>4,610</b>
Total K <sub>2</sub> O	13,381	11,641	10,680	10,680	<b>10,680</b>
K <sub>2</sub> O in multi-nutrients	9,276	8,071	7,404	7,404	<b>7,404</b>
Total plant nutrients	36,604	31,845	29,215	29,215	<b>29,215</b>
Average analysis	33.7	33.7	33.7	33.7	<b>33.7</b>
Total in multi-nutrients	19,177	19,177	17,593	17,593	<b>17,593</b>
<b>Selected single-nutrient materials - Short tons of material</b>					
Nitrogen solutions	18,783	16,341	14,991	14,991	<b>14,991</b>
Urea	2,554	2,222	2,038	2,038	<b>2,038</b>
Ammonium sulfate	15,744	13,697	12,566	12,566	<b>12,566</b>
Secondary and micronutrients	4,269	3,714	3,407	3,407	<b>3,407</b>
<b>Consumption of multiple-nutrient fertilizers - Short tons of material</b>					
N-P-K	46,382	40,353	37,019	37,019	<b>37,019</b>
N-P	6,485	5,642	5,176	5,176	<b>5,176</b>

<sup>1</sup> An estimate of the total tonnage for 2000 was set equal to 92% of the 1999 tonnage based on information provided by industry representatives. The total tonnage was proportioned into the tonnage for the individual materials and grades in the same ratio as in the original TVA estimate. The specific materials and grades reported are based on a TVA estimate from about 1989 that have been carried forward and adjusted each year.

<sup>2</sup> An estimate of the total tonnage for 2001-2002 was set equal to 100% of the 2000 tonnage. The total tonnage was proportioned into the tonnage for the individual materials and grades in the same ratio as in the original TVA estimate. The specific materials and grades reported are based on a TVA estimate from about 1989 that have been carried forward and adjusted.

Source: The Association of American Plant Food Control Officials and the Fertilizer institute.