# Commercial Fertilizers

Crop Reporting Board
Statistical Reporting Service

United States Department of Agriculture
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## TOTAL FERTILIZER CONSUMPTION DOWN 2 PERCENT

Fertilizer consumption in the U.S. and Puerto Rico during the year ended June 30, 1985 totaled 49.0 million tons, down 2 percent from the 50.1 million tons consumed during the 1983-84 year.

Primary nutrient content (nitrogen, N; phosphate, $P_2O_5$; and potash, $K_2O$) was 21.7 million tons, a decline of 1 percent from a year earlier. Nitrogen consumption totaled 11.5 million tons, 4 percent more than for the year ended June 30, 1984. The usage of phosphate reached 4.64 million tons of available $P_2O_5$, below last year by 5 percent. Potash consumption, at 5.51 million tons, was also down 5 percent.

(Continued on page 3)

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* DATA SOURCES AND RELEASE DATES *
*
* This report, complied by the Crop Reporting Board of the Statistical *
* Reporting Service, is based on fertilizer tonnage reports prepared by *
* State Fertilizer Control Officials and the voluntary response of more *
* than 1,500 fertilizer manufacturers, blenders and sales outlets. State *
* control offical data are not available for Hawaii and Utah. This data *
* was also not available in time for the release for the following: *
* Maryland - years ended June 30, 1984 and 1985; Delaware, Minnesota and *
* South Dakota - January 1-June 30, 1985. The incomplete consumption *
* data for these States were estimated based on the previous year and *
* other current data available. Data for Missouri, North Dakota and *
* Texas are not strictly comparable with earlier years. Much of the *
* Missouri data now represents the imput side of bulk blending operations *
* rather than the output side. North Dakota now covers some data previ- *
* ously not in their tabulation. Texas data represents the year from *
* June 1 thru May 31. *
*
* Current year consumption data will be subject to revision one year from *
* the publication date of this report. *
*
* Fertilizer consumption represents all commercial fertilizer tonnage sold *
* or shipped for farm and non-farm use as fertilizer. Materials used in *
* the manufacture of registered mixes or for use in other fertilizers are *
* excluded. *
*
* Requests for a subscription order form covering all available reports *
* should be directed to Crop Reporting Board Publications, Room 5829 - *
* South Building, USDA, Washington, D.C. 20250 (Phone (202) 447-4020). *
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For Information Call: (202) 447-7621

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The five leading States in order of total consumption for the year ended June 30, 1985 were: Illinois, 4.13 million tons, down 6 percent; Iowa, 3.73 million tons, off 2 percent; California, 3.66 million tons, 7 percent below last year; Texas with 3.08 million tons, up fractionally; and Indiana, 2.66 million tons, increased 1 percent from a year earlier.

With statistics covering the 50 States plus the District of Columbia and Puerto Rico, consumption levels were quite stable when compared with a year ago. Only 6 jurisdictions showed increases in excess of 10 percent and 6 declined more than 10 percent.

## DIRECT APPLICATION MATERIAL USE UP 2 PERCENT

Usage of all direct application materials increased 2 percent from the previous year to reach 29.5 million tons. Of this total, 27.7 million tons were primary nutrient materials (N, $P_2O_5$, $K_2O$). This compares with 26.9 million tons a year earlier. Secondary and micronutrient materials for the year ended June 30, 1985 totaled 1.83 million tons compared to 1.95 million tons the previous year.

Consumption of Anhydrous Ammonia totaled 5.35 million tons, up 14 percent from a year ago. The 8.29 million tons of nitrogen solutions for the year ended June 30, 1985 was 3 percent above last year. Urea use declined 2 percent to reach 2.67 million tons. All grades of superphosphates were 9 percent below a year earlier and totaled 875 thousand tons. Potassium chloride (Muriate of Potash) use for the year was 5.25 million tons, 2 percent more than the year before. The 1.41 million tons of Gypsum consumed was down 8 percent.

## MIX USE DOWN 8 PERCENT

Usage of mixed fertilizer totaled 19.5 million tons, 8 percent below a year earlier. The average analysis of 11.8% N, 21.2% $P_2O_5$ and 11.4% $K_2O$ for the current year compares with 11.6% N, 20.6% $P_2O_5$ and 12.2% $K_2O$ for the previous year. The 5 leading grades this year were 18-46-0 with 17.6 percent of the total, 10-34-0 with 5.0 percent, 13-13-13 and 10-10-10 each with 2.9 percent and 11-52-0 with 2.1 percent of the total. Other grades with at least 1 percent of the national total in declining order were 6-24-24, 5-10-15, 10-20-20, 3-10-30, and 15-15-15.

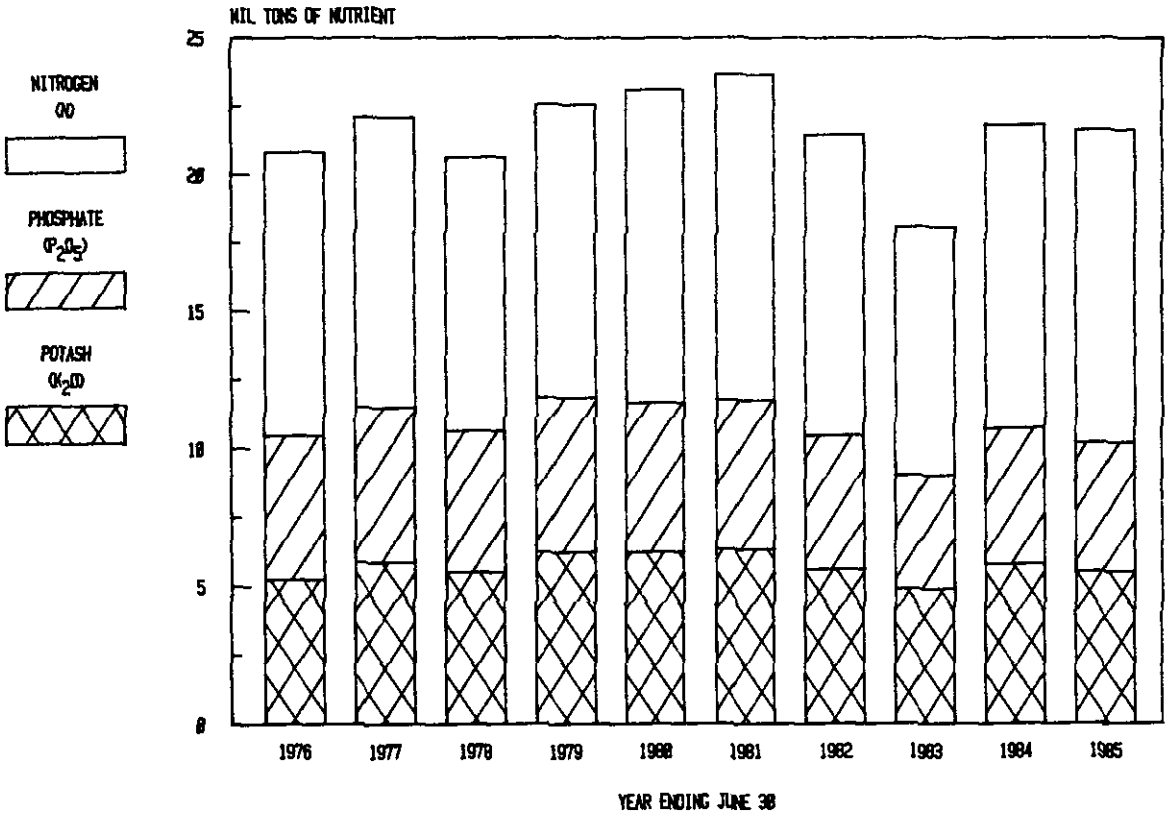
## MICRONUTRIENT FERTILIZER USE

Sales of selected micronutrient elements for use as fertilizer were obtained from known producers. The tonnage shown in Table 19 for copper, iron and zinc indicates increased consumption from the previous year of 34, 32, and 6 percent respectively. The total for manganese declined 1 percent.

TABLE 1 -- UNITED STATES CONSUMPTION OF FERTILIZERS AND PLANT NUTRIENTS
1960-1985

| YEAR ENDED JUN 30 | TOTAL CONSUMPTION | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | GROSS TONNAGES | | | | PRIMARY NUTRIENT CONTENT | | | |
| | MIXED FERTILIZER | PRIMARY NUTRIENT MATERIAL | SECONDARY & MICRO-NUTRIENTS | TOTAL | N | AVAILABLE $P_2O_5$ | $K_2O$ | TOTAL |
| | 1,000 TONS | | | | | | | |
| 1960 | 15,650 | 7,850 | 1,378 | 24,877 | 2,738.0 | 2,572.4 | 2,153.3 | 7,463.7 |
| 1961 | 15,735 | 8,639 | 1,194 | 25,567 | 3,030.8 | 2,645.1 | 2,168.5 | 7,844.4 |
| 1962 | 16,205 | 9,100 | 1,310 | 26,615 | 3,370.0 | 2,807.0 | 2,270.5 | 8,447.5 |
| 1963 | 17,157 | 10,229 | 1,459 | 28,844 | 3,929.1 | 3,072.9 | 2,503.4 | 9,505.4 |
| 1964 | 18,093 | 11,113 | 1,475 | 30,681 | 4,352.8 | 3,377.8 | 2,729.7 | 10,460.3 |
| 1965 | 18,559 | 11,756 | 1,521 | 31,836 | 4,638.5 | 3,512.2 | 2,834.5 | 10,985.2 |
| 1966 | 19,659 | 13,412 | 1,461 | 34,532 | 5,326.3 | 3,897.1 | 3,221.2 | 12,444.6 |
| 1967 | 21,132 | 14,552 | 1,397 | 37,081 | 6,027.1 | 4,304.7 | 3,641.8 | 13,973.6 |
| 1968 | 21,294 | 15,832 | 1,617 | 38,743 | 6,787.6 | 4,453.3 | 3,792.6 | 15,033.5 |
| 1969 | 21,234 | 16,380 | 1,334 | 38,949 | 6,957.6 | 4,665.6 | 3,891.6 | 15,514.8 |
| 1970 | 20,961 | 17,331 | 1,297 | 39,589 | 7,459.0 | 4,573.8 | 4,035.5 | 16,068.3 |
| 1971 | 21,513 | 18,389 | 1,216 | 41,118 | 8,133.6 | 4,803.4 | 4,231.4 | 17,168.4 |
| 1972 | 21,511 | 18,385 | 1,310 | 41,206 | 8,022.3 | 4,863.7 | 4,326.8 | 17,212.8 |
| 1973 | 22,547 | 19,275 | 1,466 | 43,288 | 8,295.1 | 5,085.2 | 4,648.7 | 18,029.0 |
| 1974 | 24,067 | 20,897 | 2,130 | 47,094 | 9,157.2 | 5,098.6 | 5,082.6 | 19,338.4 |
| 1975 | 20,647 | 19,959 | 1,878 | 42,484 | 8,600.8 | 4,506.8 | 4,453.2 | 17,560.9 |
| 1976 | 22,958 | 23,935 | 2,296 | 49,189 | 10,411.6 | 5,227.6 | 5,209.7 | 20,848.8 |
| 1977 | 24,099 | 24,999 | 2,525 | 51,624 | 10,647.4 | 5,629.7 | 5,833.8 | 22,110.9 |
| 1978 | 22,110 | 23,511 | 1,877 | 47,497 | 9,964.6 | 5,096.1 | 5,526.1 | 20,586.9 |
| 1979 | 23,742 | 25,600 | 2,139 | 51,480 | 10,714.7 | 5,605.8 | 6,244.5 | 22,565.1 |
| 1980 | 23,270 | 27,221 | 2,296 | 52,787 | 11,406.7 | 5,431.5 | 6,245.1 | 23,083.3 |
| 1981 | 23,525 | 28,236 | 2,227 | 53,988 | 11,923.8 | 5,434.4 | 6,319.5 | 23,677.7 |
| 1982 | 20,857 | 26,054 | 1,758 | 48,669 | 10,983.1 | 4,813.9 | 5,630.9 | 21,427.9 |
| 1983 | 18,352 | 21,851 | 1,610 | 41,813 | 9,127.0 | 4,137.5 | 4,831.0 | 18,095.5 |
| 1984 | 21,174 | 26,928 | 1,954 | 50,056 | 11,092.2 | 4,901.1 | 5,796.8 | 21,790.1 |
| 1985 | 19,501 | 27,678 | 1,829 | 49,008 | 11,504.2 | 4,641.2 | 5,510.3 | 21,655.7 |

## PLANT NUTRIENT CONSUMPTION




## CONSUMPTION OF MIXED FERTILIZERS AND DIRECT APPLICATION MATERIALS

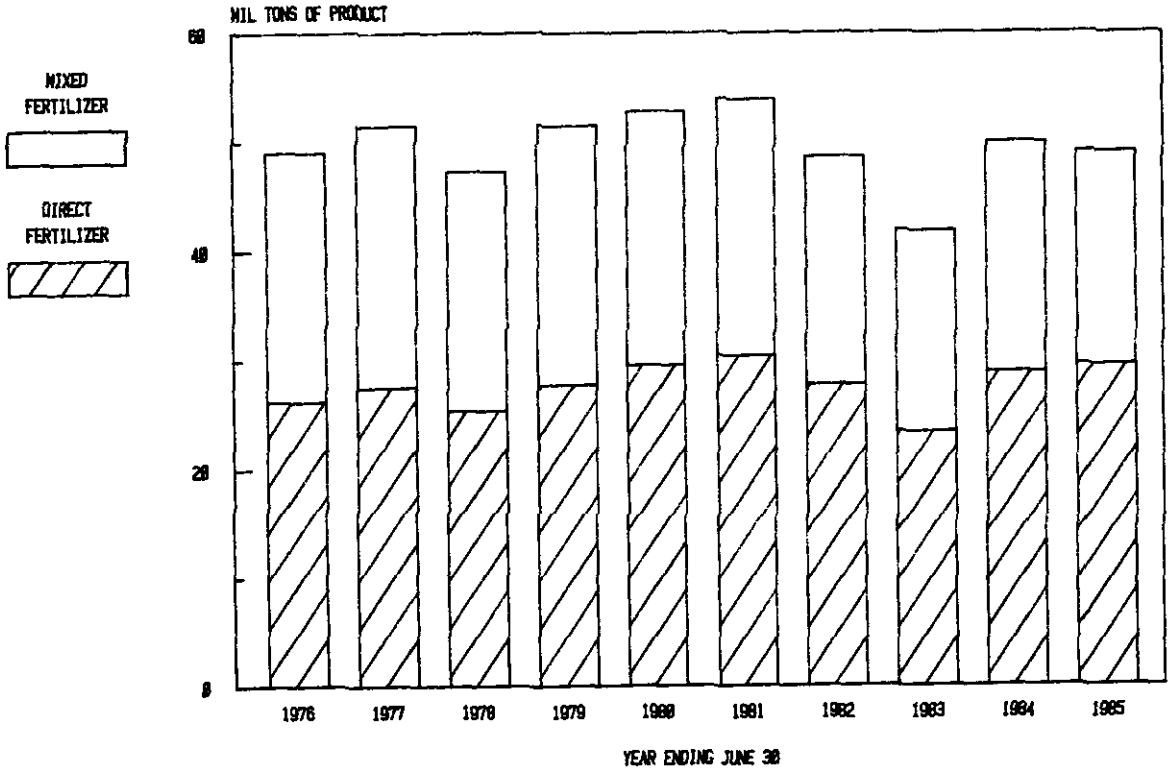


TABLE 2 -- TOTAL FERTILIZER CONSUMED, UNITED STATES AND REGIONS, YEARS ENDED JUNE 30, 1984 AND 1985 1/ 2/

| KIND | UNITED STATES | | 1985 | | | |
|---|---|---|---|---|---|---|
| | 1984 | 1985 | NEW ENGLAND | MIDDLE ATLANTIC | SOUTH ATLANTIC | EAST NORTH CENTRAL |
| | | | TONS | | | |
| MIXTURES | | | | | | |
| N-P-K | 13,695,897 | 12,255,642 | 220,068 | 1,096,991 | 3,559,007 | 2,373,622 |
| N-P | 5,772,409 | 5,736,287 | 10,035 | 78,402 | 121,486 | 1,489,541 |
| N-K | 661,748 | 616,664 | 3,725 | 17,982 | 401,725 | 34,713 |
| P-K | 1,043,718 | 892,388 | 3,656 | 45,846 | 358,418 | 178,572 |
| TOTAL | 21,173,772 | 19,500,981 | 237,484 | 1,239,221 | 4,440,636 | 4,076,448 |
| NITROGEN MATERIALS | | | | | | |
| ANHYDROUS AMMONIA | 4,714,597 | 5,353,982 | 58 | 40,077 | 40,159 | 1,407,788 |
| AQUA AMMONIA | 643,711 | 606,374 | 0 | 2,273 | 187 | 41,381 |
| AMMONIUM NITRATE | 2,186,502 | 2,234,665 | 2,290 | 30,063 | 229,128 | 106,090 |
| AMMONIUM NITRATE-LIMESTONE | 5,297 | 4,949 | 0 | 59 | 386 | 37 |
| AMMONIUM SULFATE | 790,530 | 767,725 | 344 | 18,755 | 32,152 | 64,858 |
| CALCIUM NITRATE | 69,394 | 84,483 | 616 | 1,465 | 12,701 | 15,649 |
| NITROGEN SOLUTIONS | 8,065,477 | 8,291,560 | 4,716 | 252,336 | 1,329,567 | 2,067,128 |
| SODIUM NITRATE | 64,246 | 51,702 | 38 | 2,232 | 29,125 | 755 |
| UREA | 2,731,285 | 2,671,012 | 18,142 | 71,686 | 26,140 | 469,183 |
| OTHER | 348,422 | 363,595 | 1,150 | 13,989 | 30,531 | 48,377 |
| TOTAL | 19,619,461 | 20,430,047 | 27,354 | 432,935 | 1,730,076 | 4,221,246 |
| NATURAL ORGANIC MATERIALS | | | | | | |
| DRIED BLOOD | 758 | 704 | 20 | 188 | 45 | 47 |
| COMPOST | 16,113 | 25,824 | 6,609 | 10,112 | 3 | 6,525 |
| COTTONSEED MEAL | 319 | 375 | 183 | 39 | 102 | 0 |
| DRIED MANURE | 131,883 | 120,240 | 8,617 | 18,828 | 58,735 | 7,082 |
| ACTIVATED SEWAGE SLUDGE | 50,287 | 26,955 | 852 | 5,008 | 13,155 | 3,475 |
| OTHER SEWAGE SLUDGE | 25,613 | 17,408 | 0 | 2,552 | 570 | 0 |
| TANKAGE | 2,536 | 589 | 0 | 29 | 166 | 0 |
| OTHER | 25,736 | 17,502 | 157 | 3,273 | 605 | 444 |
| TOTAL | 253,245 | 209,597 | 16,438 | 40,029 | 73,381 | 17,573 |
| PHOSPHATE MATERIALS | | | | | | |
| AMMONIUM PHOSPHATE 3/ | 371,186 | 346,706 | 379 | 6,248 | 619 | 67 |
| BASIC SLAG | 31,807 | 21,697 | 0 | 0 | 3,733 | 0 |
| RAW AND STEAMED BONEMEAL | 2,340 | 1,870 | 481 | 599 | 558 | 139 |
| PHOSPHORIC SOLUTIONS | 38,537 | 33,970 | 0 | 967 | 252 | 2,210 |
| PHOSPHATE ROCK | 4,965 | 2,323 | 25 | 3 | 160 | 720 |
| COLLOIDAL PHOSPHATE | 1,368 | 6,011 | 94 | 111 | 1,333 | 2,741 |
| SUPERPHOSPHATE GRADES: | | | | | | |
| 18 PERCENT | 46,975 | 52,531 | 9 | 0 | 382 | 41,862 |
| 19 PERCENT | 1,753 | 505 | 0 | 41 | 464 | 0 |
| 20-22 PERCENT | 37,564 | 27,284 | 241 | 418 | 11,417 | 873 |
| 23-44 PERCENT | 255,430 | 143,841 | 17 | 5,703 | 8,371 | 67,901 |
| 45 PERCENT | 183,473 | 235,855 | 1,169 | 7,797 | 236 | 64,964 |
| 46 PERCENT | 363,004 | 364,588 | 1,661 | 19,382 | 11,357 | 198,715 |
| 47-54 PERCENT | 70,661 | 50,894 | 77 | 0 | 916 | 3,479 |
| OTHER | 65,176 | 72,545 | 173 | 6,401 | 6,018 | 43,078 |
| TOTAL | 1,474,239 | 1,360,620 | 4,326 | 47,670 | 45,816 | 426,749 |
| POTASH MATERIALS | | | | | | |
| LIME POTASH | 27,205 | 25,667 | 2 | 1 | 1,544 | 40 |
| MANURE SALTS | 8,266 | 9,873 | 0 | 718 | 6,622 | 1,723 |
| POTASSIUM CHLORIDE | 5,124,064 | 5,251,324 | 15,827 | 140,531 | 112,891 | 2,658,906 |
| POTASSIUM MAGNESIUM SULFATE | 132,360 | 133,884 | 1,449 | 4,904 | 25,861 | 30,254 |
| POTASSIUM NITRATE 4/ | 11,091 | 6,745 | 73 | 522 | 4,354 | 267 |
| POTASSIUM SODIUM NITRATE | 70,581 | 59,905 | 196 | 1,333 | 54,038 | 29 |
| POTASSIUM SULFATE | 63,752 | 62,930 | 35 | 459 | 6,172 | 4,290 |
| OTHER | 144,413 | 127,802 | 498 | 1,188 | 27,830 | 20,248 |
| TOTAL | 5,581,732 | 5,678,130 | 18,080 | 149,656 | 239,312 | 2,715,757 |
| SECONDARY AND MICRONUTRIENT MATERIALS: | | | | | | |
| BORON COMPOUNDS 5/ | 12,692 | 12,368 | 429 | 2,977 | 1,455 | 2,938 |
| CALCIUM SULFATE (GYPSUM) | 1,530,737 | 1,408,633 | 550 | 910 | 337,674 | 27,031 |
| COPPER COMPOUNDS 5/ | 2,047 | 787 | 23 | 22 | 408 | 126 |
| IRON COMPOUNDS 5/ | 14,878 | 13,650 | 5 | 37 | 1,046 | 285 |
| MAGNESIUM COMPOUNDS 5/ | 9,340 | 8,430 | 443 | 885 | 3,578 | 992 |
| MANGANESE COMPOUNDS 5/ | 16,738 | 11,960 | 8 | 517 | 5,545 | 2,915 |
| SULFUR 5/ | 75,447 | 70,115 | 21 | 325 | 4,262 | 5,830 |
| SULFURIC ACID | 36,113 | 31,056 | 0 | 0 | 32 | 0 |
| ZINC COMPOUNDS 5/ | 70,756 | 72,027 | 25 | 689 | 1,992 | 12,188 |
| OTHER | 184,954 | 199,921 | 1,285 | 8,793 | 5,476 | 38,164 |
| TOTAL | 1,953,702 | 1,828,947 | 2,789 | 15,155 | 361,468 | 90,469 |
| TOTAL ALL FERTILIZERS | 50,056,151 | 49,008,322 | 306,471 | 1,924,666 | 6,890,689 | 11,548,242 |

SEE FOOTNOTES ON PAGE 7.

TABLE 2 -- TOTAL FERTILIZER CONSUMED, UNITED STATES AND REGIONS,
YEARS ENDED JUNE 30, 1984 AND 1985 1/ 2/--CONTINUED

| KIND | 1985 | | | | | |
|---|---|---|---|---|---|---|
| | WEST NORTH CENTRAL | EAST SOUTH CENTRAL | WEST SOUTH CENTRAL | MOUNTAIN | PACIFIC | HAW, ALASKA PUERTO RICO |
| | TONS | | | | | |
| MIXTURES | | | | | | |
| N-P-K | 1,253,603 | 1,082,668 | 1,797,110 | 188,469 | 560,129 | 123,975 |
| N-P | 2,303,001 | 306,413 | 717,454 | 348,359 | 352,653 | 8,943 |
| N-K | 15,636 | 9,451 | 43,015 | 3,450 | 30,103 | 56,864 |
| P-K | 26,138 | 119,901 | 149,242 | 1,215 | 9,158 | 242 |
| TOTAL | 3,598,378 | 1,518,433 | 2,706,821 | 541,493 | 952,043 | 190,024 |
| NITROGEN MATERIALS | | | | | | |
| ANHYDROUS AMMONIA | 2,760,365 | 123,234 | 443,925 | 288,287 | 250,089 | 0 |
| AQUA AMMONIA | 12,186 | 0 | 4,984 | 6,556 | 538,050 | 757 |
| AMMONIUM NITRATE | 462,423 | 506,624 | 489,220 | 271,614 | 136,762 | 451 |
| AMMONIUM NITRATE-LIMESTONE | 152 | 247 | 0 | 1,708 | 2,360 | 0 |
| AMMONIUM SULFATE | 59,202 | 9,424 | 147,627 | 148,052 | 284,883 | 2,428 |
| CALCIUM NITRATE | 571 | 488 | 1 | 2,054 | 50,712 | 226 |
| NITROGEN SOLUTIONS | 2,238,264 | 308,664 | 822,733 | 340,898 | 914,630 | 12,624 |
| SODIUM NITRATE | 342 | 5,722 | 3,857 | 11 | 9,620 | 0 |
| UREA | 864,730 | 270,051 | 564,375 | 194,428 | 185,529 | 6,748 |
| OTHER | 8,829 | 5,236 | 23,619 | 62,971 | 161,176 | 7,717 |
| TOTAL | 6,407,064 | 1,229,690 | 2,500,341 | 1,316,579 | 2,533,811 | 30,951 |
| NATURAL ORGANIC MATERIALS | | | | | | |
| DRIED BLOOD | 0 | 0 | 315 | 5 | 84 | 0 |
| COMPOST | 763 | 0 | 0 | 1,812 | 0 | 0 |
| COTTONSEED MEAL | 0 | 0 | 0 | 0 | 51 | 0 |
| DRIED MANURE | 2,898 | 2,184 | 2,666 | 7,533 | 11,697 | 0 |
| ACTIVATED SEWAGE SLUDGE | 940 | 160 | 1,271 | 624 | 1,400 | 70 |
| OTHER SEWAGE SLUDGE | 24 | 0 | 0 | 0 | 14,262 | 0 |
| TANKAGE | 0 | 228 | 0 | 0 | 166 | 0 |
| OTHER | 0 | 4,843 | 2,832 | 48 | 5,300 | 0 |
| TOTAL | 4,625 | 7,415 | 7,084 | 10,022 | 32,960 | 70 |
| PHOSPHATE MATERIALS | | | | | | |
| AMMONIUM PHOSPHATE 3/ | 15,421 | 7 | 33,021 | 89,704 | 200,670 | 570 |
| BASIC SLAG | 0 | 7,015 | 0 | 0 | 0 | 10,949 |
| RAW AND STEAMED BONEMEAL | 0 | 0 | 1 | 4 | 85 | 3 |
| PHOSPHORIC SOLUTIONS | 7,410 | 0 | 746 | 10,191 | 12,194 | 0 |
| PHOSPHATE ROCK | 896 | 0 | 0 | 0 | 281 | 238 |
| COLLOIDAL PHOSPHATE | 1,732 | 0 | 0 | 0 | 0 | 0 |
| SUPERPHOSPHATE GRADES: | | | | | | |
| 18 PERCENT | 95 | 2,631 | 4,956 | 0 | 2,596 | 0 |
| 19 PERCENT | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-22 PERCENT | 2,485 | 2,420 | 1,084 | 63 | 8,083 | 200 |
| 23-44 PERCENT | 36,536 | 1,005 | 284 | 4,106 | 19,918 | 0 |
| 45 PERCENT | 78,017 | 6,679 | 7,247 | 46,935 | 22,811 | 0 |
| 46 PERCENT | 74,870 | 40,141 | 16,830 | 98 | 1,048 | 486 |
| 47-54 PERCENT | 3,899 | 36,818 | 508 | 4,111 | 1,086 | 0 |
| OTHER | 1,579 | 100 | 642 | 1,792 | 11,842 | 920 |
| TOTAL | 222,940 | 96,816 | 65,319 | 157,004 | 280,614 | 13,366 |
| POTASH MATERIALS | | | | | | |
| LIME POTASH | 1,019 | 0 | 0 | 82 | 22,979 | 0 |
| MANURE SALTS | 433 | 0 | 0 | 377 | 0 | 0 |
| POTASSIUM CHLORIDE | 1,700,864 | 352,644 | 109,106 | 68,046 | 91,919 | 590 |
| POTASSIUM MAGNESIUM SULFATE | 34,133 | 5,566 | 8,648 | 14,538 | 8,330 | 201 |
| POTASSIUM NITRATE 4/ | 72 | 0 | 0 | 74 | 1,268 | 115 |
| POTASSIUM SODIUM NITRATE | 1 | 5,240 | 1,068 | 0 | 0 | 0 |
| POTASSIUM SULFATE | 3,053 | 29,870 | 1 | 3,395 | 13,728 | 1,927 |
| OTHER | 16,479 | 2,949 | 18,864 | 780 | 21,157 | 17,809 |
| TOTAL | 1,756,054 | 394,269 | 137,687 | 87,292 | 159,381 | 20,642 |
| SECONDARY AND MICRONUTRIENT MATERIALS: | | | | | | |
| BORON COMPOUNDS 5/ | 940 | 997 | 745 | 153 | 1,734 | 0 |
| CALCIUM SULFATE (GYPSUM) | 30,017 | 2,410 | 0 | 29,945 | 980,096 | 0 |
| COPPER COMPOUNDS 5/ | 94 | 0 | 0 | 97 | 17 | 0 |
| IRON COMPOUNDS 5/ | 1,495 | 0 | 0 | 4,614 | 5,599 | 569 |
| MAGNESIUM COMPOUNDS 5/ | 1,661 | 110 | 9 | 215 | 294 | 243 |
| MANGANESE COMPOUNDS 5/ | 1,124 | 0 | 0 | 0 | 1,851 | 0 |
| SULFUR 5/ | 12,794 | 202 | 561 | 11,264 | 34,856 | 0 |
| SULFURIC ACID | 0 | 0 | 0 | 3,032 | 27,992 | 0 |
| ZINC COMPOUNDS 5/ | 17,630 | 2,053 | 1,336 | 9,275 | 26,730 | 109 |
| OTHER | 26,249 | 14,428 | 32,289 | 10,239 | 62,932 | 66 |
| TOTAL | 92,004 | 20,200 | 34,940 | 68,834 | 1,142,101 | 987 |
| TOTAL ALL FERTILIZERS | 12,081,065 | 3,266,823 | 5,452,192 | 2,181,224 | 5,100,910 | 256,040 |

1/ EXCLUDES LIMING MATERIALS AND ALL MATERIALS USED IN MAKING MIXTURES.
2/ STATES THAT ARE INCLUDED IN EACH REGION ARE DETAILED IN TABLE 19.
3/ TOTAL OF 11-48-0, 13-39-0, 16-20-0, 21-53-0 AND 27-14-0.
4/ ADDITIONAL QUANTITIES MAY HAVE BEEN REPORTED BY GRADE UNDER MIXTURES; SEE TABLE 15.
5/ REPORTED FOR USE PRIMARILY AS DIRECT APPLICATION MATERIAL.

TABLE 3 -- CONSUMPTION OF FERTILIZER MIXTURES AND DIRECT APPLICATION MATERIALS, YEARS ENDED JUNE 30, 1984 AND 1985 1/

| STATE | MIXTURES | | DIRECT APPLICATION MATERIALS 2/ | | | | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | PRIMARY NUTRIENT | | SECONDARY AND MICRO-NUTRIENT | | 1984 | 1985 | 1985 AS PERCENT OF 1984 |
| | 1984 | 1985 | 1984 | 1985 | 1984 | 1985 | | | |
| | TONS | | | | | | | | PERCENT |
| ALA | 510,812 | 472,232 | 379,280 | 373,515 | 23,679 | 7,200 | 913,771 | 852,947 | 93 |
| ALAS | 9,605 | 9,540 | 3,960 | 3,320 | 0 | 0 | 13,565 | 12,860 | 95 |
| ARIZ | 81,585 | 84,115 | 217,351 | 216,898 | 66,526 | 27,954 | 365,462 | 328,967 | 90 |
| ARK | 386,225 | 338,817 | 490,214 | 464,980 | 6,253 | 3,177 | 882,692 | 806,974 | 91 |
| CALIF | 757,352 | 687,785 | 1,965,906 | 1,863,011 | 1,193,565 | 1,107,266 | 3,916,823 | 3,658,062 | 93 |
| COLO | 95,792 | 91,704 | 449,807 | 350,218 | 10,001 | 8,969 | 555,600 | 450,891 | 81 |
| CONN | 40,338 | 34,780 | 14,066 | 13,536 | 268 | 329 | 54,672 | 48,645 | 89 |
| DEL | 64,775 | 54,813 | 79,463 | 59,734 | 353 | 555 | 144,591 | 115,102 | 80 |
| D C | 7,200 | 7,350 | 835 | 765 | 40 | 40 | 8,075 | 8,155 | 101 |
| FLA | 1,620,923 | 1,496,595 | 312,208 | 284,738 | 33,549 | 44,512 | 1,966,680 | 1,825,845 | 93 |
| GA | 1,058,651 | 989,592 | 668,571 | 711,571 | 187,361 | 191,841 | 1,914,583 | 1,893,004 | 99 |
| HAW | 83,544 | 94,659 | 44,108 | 56,309 | 696 | 987 | 128,348 | 151,955 | 118 |
| IDAHO | 123,906 | 141,192 | 484,045 | 503,276 | 14,895 | 20,273 | 622,846 | 664,741 | 107 |
| ILL | 1,345,509 | 1,316,944 | 3,027,642 | 2,808,490 | 4,292 | 2,014 | 4,377,443 | 4,127,448 | 94 |
| IND | 1,234,541 | 1,151,443 | 1,378,220 | 1,487,118 | 12,537 | 16,808 | 2,625,298 | 2,655,369 | 101 |
| IOWA | 1,142,370 | 1,071,846 | 2,661,623 | 2,644,688 | 17,655 | 15,005 | 3,821,648 | 3,731,539 | 98 |
| KANS | 445,067 | 449,775 | 1,062,214 | 1,120,698 | 8,731 | 11,259 | 1,516,012 | 1,581,732 | 104 |
| KY | 448,566 | 412,381 | 555,015 | 520,892 | 4,707 | 10,507 | 1,008,288 | 943,780 | 94 |
| LA | 385,237 | 371,829 | 334,392 | 370,188 | 3,888 | 5,603 | 723,517 | 747,620 | 103 |
| MAINE | 81,396 | 78,520 | 10,437 | 12,121 | 118 | 388 | 91,951 | 91,029 | 99 |
| MD | 208,202 | 205,479 | 158,198 | 161,525 | 1,371 | 1,324 | 367,771 | 368,328 | 100 |
| MASS | 41,695 | 52,700 | 14,052 | 14,996 | 546 | 637 | 56,293 | 68,333 | 121 |
| MICH | 691,210 | 535,041 | 793,379 | 700,573 | 28,772 | 18,998 | 1,513,361 | 1,254,612 | 83 |
| MINN | 692,105 | 706,395 | 1,301,943 | 1,533,085 | 23,474 | 26,062 | 2,017,522 | 2,265,542 | 112 |
| MISS | 410,518 | 320,222 | 459,025 | 411,609 | 2,296 | 1,032 | 871,839 | 732,863 | 84 |
| MO 3/ | 1,080,765 | 490,026 | 473,123 | 1,019,267 | 17,781 | 20,674 | 1,571,669 | 1,529,967 | 97 |
| MONT | 179,476 | 151,533 | 278,915 | 227,336 | 5,501 | 3,126 | 463,892 | 381,995 | 82 |
| NEBR | 445,088 | 426,362 | 1,384,131 | 1,450,507 | 20,236 | 17,117 | 1,849,455 | 1,893,986 | 102 |
| NEV | 5,521 | 6,820 | 16,586 | 20,658 | 7,724 | 6,079 | 29,831 | 33,557 | 112 |
| N H | 15,395 | 14,339 | 6,322 | 6,573 | 169 | 215 | 21,886 | 21,127 | 97 |
| N J | 170,893 | 160,309 | 32,758 | 53,103 | 3,369 | 6,893 | 207,020 | 220,305 | 106 |
| N MEX | 33,250 | 33,053 | 94,361 | 103,643 | 3,563 | 1,974 | 131,174 | 138,670 | 106 |
| N Y | 416,375 | 408,183 | 233,562 | 242,742 | 4,745 | 4,635 | 654,682 | 655,560 | 100 |
| N C | 1,117,375 | 1,053,265 | 626,302 | 612,092 | 107,705 | 97,193 | 1,851,382 | 1,762,550 | 95 |
| N DAK 4/ | 254,123 | 303,439 | 295,954 | 382,239 | 1,284 | 1,434 | 551,361 | 687,112 | 125 |
| OHIO | 766,698 | 664,427 | 1,189,453 | 1,166,302 | 6,954 | 7,904 | 1,963,105 | 1,838,633 | 94 |
| OKLA | 276,380 | 284,845 | 519,463 | 530,317 | 1,018 | 742 | 796,861 | 815,904 | 102 |
| OREG | 93,885 | 99,454 | 409,661 | 446,521 | 12,130 | 11,961 | 515,676 | 557,936 | 108 |
| PA | 375,813 | 348,249 | 128,765 | 115,414 | 724 | 415 | 505,302 | 464,078 | 92 |
| R I | 20,898 | 21,447 | 2,765 | 2,962 | 0 | 0 | 23,663 | 24,409 | 103 |
| S C | 432,698 | 403,533 | 260,301 | 280,336 | 9,196 | 9,450 | 702,195 | 693,319 | 99 |
| S DAK | 153,279 | 150,535 | 261,218 | 240,199 | 675 | 453 | 415,172 | 391,187 | 94 |
| TENN | 321,829 | 313,598 | 398,143 | 422,174 | 1,083 | 1,461 | 721,055 | 737,233 | 102 |
| TEX | 1,740,969 | 1,711,330 | 1,300,784 | 1,344,946 | 30,694 | 25,418 | 3,072,447 | 3,081,694 | 100 |
| UTAH | 21,783 | 22,473 | 84,034 | 85,229 | 482 | 105 | 106,299 | 107,807 | 101 |
| VT | 39,228 | 35,698 | 12,592 | 16,010 | 487 | 1,220 | 52,307 | 52,928 | 101 |
| VA | 517,664 | 497,651 | 188,991 | 199,848 | 20,456 | 18,472 | 727,111 | 715,971 | 98 |
| WASH | 147,168 | 164,804 | 724,045 | 697,234 | 18,887 | 22,874 | 890,100 | 884,912 | 99 |
| W VA | 42,771 | 54,838 | 32,427 | 37,007 | 297 | 1,293 | 75,495 | 93,138 | 123 |
| WISC | 437,779 | 408,593 | 1,043,542 | 1,218,842 | 32,797 | 44,745 | 1,514,118 | 1,672,180 | 110 |
| WYO | 13,084 | 10,603 | 57,810 | 63,639 | 172 | 354 | 71,066 | 74,596 | 105 |
| P R | 86,461 | 85,825 | 6,715 | 5,400 | 0 | 0 | 93,176 | 91,225 | 98 |
| TOTAL | 21,173,772 | 19,500,981 | 26,928,677 | 27,678,394 | 1,953,702 | 1,828,947 | 50,056,151 | 49,008,322 | 98 |

1/ EXCLUDES LIMING MATERIALS.
2/ EXCLUDES MATERIALS USED IN COMMERCIAL MIXTURES.
3/ TONNAGE NOW REPRESENTS INPUT RATHER THAN OUTPUT OF BLENDING OPERATIONS.
4/ AN UNKNOWN QUANTITY, NOT PREVIOUSLY REPORTED, WAS REPORTED THIS YEAR AND ACCOUNTS FOR PART OF THE CHANGE FROM 1984.

TABLE 4 -- SEMIANNUAL CONSUMPTION OF FERTILIZER MIXTURES AND MATERIALS, YEAR ENDED JUNE 30, 1985 1/

| STATE | MIXTURES | | | MATERIALS 2/ | | | TOTAL MIXTURES AND MATERIALS JUL 1 1984 TO JUN 30 1985 |
|---|---|---|---|---|---|---|---|
| | JUL 1 TO DEC 31 1984 | JAN 1 TO JUN 30 1985 | TOTAL | JUL 1 TO DEC 31 1984 | JAN 1 TO JUN 30 1985 | TOTAL | |
| | TONS | | | | | | |
| ALA | 97,093 | 375,139 | 472,232 | 93,209 | 287,506 | 380,715 | 852,947 |
| ALAS | 0 | 9,540 | 9,540 | 0 | 3,320 | 3,320 | 12,860 |
| ARIZ | 33,131 | 50,984 | 84,115 | 91,072 | 153,780 | 244,852 | 328,967 |
| ARK | 53,691 | 285,126 | 338,817 | 133,826 | 334,331 | 468,157 | 806,974 |
| CALIF | 257,736 | 430,049 | 687,785 | 1,417,245 | 1,553,032 | 2,970,277 | 3,658,062 |
| COLO | 30,262 | 61,442 | 91,704 | 127,350 | 231,837 | 359,187 | 450,891 |
| CONN | 8,471 | 26,309 | 34,780 | 3,466 | 10,399 | 13,865 | 48,645 |
| DEL | 9,793 | 45,020 | 54,813 | 15,363 | 44,926 | 60,289 | 115,102 |
| D C | 2,800 | 4,550 | 7,350 | 320 | 485 | 805 | 8,155 |
| FLA | 595,915 | 900,680 | 1,496,595 | 128,982 | 200,268 | 329,250 | 1,825,845 |
| GA | 216,094 | 773,498 | 989,592 | 176,149 | 727,263 | 903,412 | 1,893,004 |
| HAW | 53,083 | 41,576 | 94,659 | 28,526 | 28,770 | 57,296 | 151,955 |
| IDAHO | 54,841 | 86,351 | 141,192 | 192,919 | 330,630 | 523,549 | 664,741 |
| ILL | 521,084 | 795,860 | 1,316,944 | 928,607 | 1,881,897 | 2,810,504 | 4,127,448 |
| IND | 253,957 | 897,486 | 1,151,443 | 341,330 | 1,162,596 | 1,503,926 | 2,655,369 |
| IOWA | 441,684 | 630,162 | 1,071,846 | 910,435 | 1,749,258 | 2,659,693 | 3,731,539 |
| KANS | 256,080 | 193,695 | 449,775 | 463,018 | 668,939 | 1,131,957 | 1,581,732 |
| KY | 61,774 | 350,607 | 412,381 | 109,625 | 421,774 | 531,399 | 943,780 |
| LA | 111,600 | 260,229 | 371,829 | 111,893 | 263,898 | 375,791 | 747,620 |
| MAINE | 16,490 | 62,030 | 78,520 | 2,518 | 9,991 | 12,509 | 91,029 |
| MD | 39,243 | 166,236 | 205,479 | 69,209 | 93,640 | 162,849 | 368,328 |
| MASS | 11,783 | 40,917 | 52,700 | 4,390 | 11,243 | 15,633 | 68,333 |
| MICH | 136,051 | 398,990 | 535,041 | 237,993 | 481,578 | 719,571 | 1,254,612 |
| MINN | 274,761 | 431,634 | 706,395 | 608,478 | 950,669 | 1,559,147 | 2,265,542 |
| MISS | 62,932 | 257,290 | 320,222 | 118,292 | 294,349 | 412,641 | 732,863 |
| MO | 134,571 | 355,455 | 490,026 | 244,940 | 795,001 | 1,039,941 | 1,529,967 |
| MONT | 61,084 | 90,449 | 151,533 | 72,120 | 158,342 | 230,462 | 381,995 |
| NEBR | 91,560 | 334,802 | 426,362 | 400,108 | 1,067,516 | 1,467,624 | 1,893,986 |
| NEV | 2,729 | 4,091 | 6,820 | 11,209 | 15,528 | 26,737 | 33,557 |
| N H | 4,333 | 10,006 | 14,339 | 1,292 | 5,496 | 6,788 | 21,127 |
| N J | 45,801 | 114,508 | 160,309 | 15,119 | 44,877 | 59,996 | 220,305 |
| N MEX | 8,151 | 24,902 | 33,053 | 31,870 | 73,747 | 105,617 | 138,670 |
| N Y | 79,562 | 328,621 | 408,183 | 79,898 | 167,479 | 247,377 | 655,560 |
| N C | 152,344 | 900,921 | 1,053,265 | 126,654 | 582,631 | 709,285 | 1,762,550 |
| N DAK | 55,897 | 247,542 | 303,439 | 75,337 | 308,336 | 383,673 | 687,112 |
| OHIO | 177,132 | 487,295 | 664,427 | 330,978 | 843,228 | 1,174,206 | 1,838,633 |
| OKLA | 178,185 | 106,660 | 284,845 | 245,329 | 285,730 | 531,059 | 815,904 |
| OREG | 44,929 | 54,525 | 99,454 | 164,881 | 293,601 | 458,482 | 557,936 |
| PA | 81,951 | 266,298 | 348,249 | 30,005 | 85,824 | 115,829 | 464,078 |
| R I | 4,935 | 16,512 | 21,447 | 905 | 2,057 | 2,962 | 24,409 |
| S C | 67,467 | 336,066 | 403,533 | 39,821 | 249,965 | 289,786 | 693,319 |
| S DAK | 59,777 | 90,758 | 150,535 | 99,147 | 141,505 | 240,652 | 391,187 |
| TENN | 68,599 | 244,999 | 313,598 | 97,454 | 326,181 | 423,635 | 737,233 |
| TEX | 536,628 | 1,174,702 | 1,711,330 | 526,945 | 843,419 | 1,370,364 | 3,081,694 |
| UTAH | 7,563 | 14,910 | 22,473 | 21,028 | 64,306 | 85,334 | 107,807 |
| VT | 12,731 | 22,967 | 35,698 | 5,688 | 11,542 | 17,230 | 52,928 |
| VA | 103,822 | 393,829 | 497,651 | 52,496 | 165,824 | 218,320 | 715,971 |
| WASH | 43,782 | 121,022 | 164,804 | 280,805 | 439,303 | 720,108 | 884,912 |
| W VA | 15,397 | 39,441 | 54,838 | 10,426 | 27,874 | 38,300 | 93,138 |
| WISC | 110,258 | 298,335 | 408,593 | 437,150 | 826,437 | 1,263,587 | 1,672,180 |
| WYO | 2,695 | 7,908 | 10,603 | 23,642 | 40,351 | 63,993 | 74,596 |
| P R | 32,842 | 52,983 | 85,825 | 1,975 | 3,425 | 5,400 | 91,225 |
| TOTAL | 5,785,074 | 13,715,907 | 19,500,981 | 9,741,437 | 19,765,904 | 29,507,341 | 49,008,322 |

1/ EXCLUDES LIMING MATERIALS.
2/ INCLUDES PRIMARY NUTRIENT MATERIALS (N, $P_2O_5$, $K_2O$) AND SECONDARY/MICRONUTRIENT MATERIALS FOR DIRECT APPLICATION.

TABLE 5 -- DIRECT APPLICATION NITROGEN MATERIALS CONSUMPTION,
YEARS ENDED JUNE 30, 1984 AND 1985

| STATE | AMMONIA | | | | AMMONIUM | | | |
|---|---|---|---|---|---|---|---|---|
| | ANHYDROUS | | AQUA | | NITRATE | | SULFATE | |
| | 1984 | 1985 | 1984 | 1985 | 1984 | 1985 | 1984 | 1985 |
| | TONS | | | | | | | |
| ALA | 3,362 | 12,174 | 0 | 0 | 178,970 | 174,500 | 6,972 | 8,261 |
| ALAS | 0 | 0 | 0 | 0 | 590 | 450 | 150 | 40 |
| ARIZ | 32,398 | 31,888 | 7,495 | 2,467 | 4,859 | 7,729 | 7,786 | 9,742 |
| ARK | 8,087 | 8,127 | 1,980 | 617 | 68,927 | 60,832 | 4,515 | 5,106 |
| CALIF | 172,334 | 150,314 | 365,605 | 334,832 | 91,855 | 75,596 | 183,217 | 174,945 |
| COLO | 118,281 | 125,120 | 0 | 225 | 59,441 | 32,629 | 17,028 | 11,621 |
| CONN | 86 | 0 | 0 | 0 | 386 | 104 | 0 | 50 |
| DEL | 732 | 693 | 0 | 0 | 1,745 | 2,164 | 6,469 | 5,591 |
| D C | 10 | 0 | 0 | 0 | 65 | 70 | 0 | 0 |
| FLA | 10,567 | 6,654 | 0 | 0 | 57,450 | 55,043 | 15,111 | 12,721 |
| GA | 16,712 | 17,244 | 44 | 187 | 103,094 | 97,549 | 7,113 | 6,992 |
| HAW | 20 | 0 | 623 | 757 | 1 | 1 | 482 | 463 |
| IDAHO | 52,020 | 52,489 | 3,610 | 3,864 | 47,382 | 83,787 | 104,641 | 94,429 |
| ILL | 678,766 | 706,202 | 4,514 | 5,371 | 56,174 | 44,771 | 4,564 | 6,646 |
| IND | 266,437 | 318,294 | 17,102 | 22,207 | 10,077 | 10,710 | 15,315 | 15,752 |
| IOWA | 689,820 | 847,864 | 4,573 | 5,264 | 50,093 | 43,851 | 12,970 | 11,553 |
| KANS | 401,587 | 448,881 | 2,922 | 1,132 | 116,493 | 111,091 | 7,108 | 7,913 |
| KY | 42,834 | 51,419 | 0 | 0 | 124,079 | 108,686 | 1,651 | 1,098 |
| LA | 25,667 | 25,970 | 0 | 786 | 94,576 | 86,910 | 15,887 | 13,181 |
| MAINE | 0 | 0 | 0 | 0 | 1,330 | 1,396 | 0 | 265 |
| MD | 9,953 | 10,500 | 0 | 0 | 8,140 | 8,500 | 2,650 | 2,770 |
| MASS | 2 | 14 | 0 | 0 | 245 | 271 | 15 | 13 |
| MICH | 133,837 | 118,225 | 7 | 39 | 13,977 | 11,061 | 11,275 | 10,611 |
| MINN | 306,329 | 432,432 | 98 | 154 | 28,644 | 29,282 | 12,079 | 10,725 |
| MISS | 44,591 | 44,217 | 0 | 0 | 158,918 | 143,189 | 0 | 0 |
| MO | 73,038 | 115,886 | 303 | 8 | 80,194 | 185,103 | 3,043 | 4,655 |
| MONT | 60,712 | 43,068 | 239 | 0 | 83,670 | 72,404 | 12,626 | 8,020 |
| NEBR | 463,511 | 664,469 | 4,812 | 5,167 | 66,460 | 55,054 | 18,619 | 20,157 |
| NEV | 251 | 124 | 0 | 0 | 789 | 449 | 3,969 | 5,162 |
| N H | 0 | 0 | 0 | 0 | 115 | 91 | 14 | 16 |
| N J | 551 | 656 | 0 | 0 | 3,040 | 3,181 | 212 | 666 |
| N MEX | 16,062 | 17,949 | 0 | 0 | 17,192 | 14,504 | 7,564 | 8,122 |
| N Y | 10,409 | 25,644 | 2,965 | 1,803 | 16,928 | 11,186 | 1,773 | 2,852 |
| N C | 10,974 | 13,046 | 73 | 0 | 44,266 | 41,192 | 4,127 | 5,580 |
| N DAK | 166,328 | 208,267 | 0 | 0 | 6,475 | 8,488 | 2,237 | 1,988 |
| OHIO | 136,318 | 144,174 | 30 | 0 | 6,916 | 7,858 | 17,992 | 18,222 |
| OKLA | 158,447 | 143,141 | 0 | 0 | 85,345 | 79,656 | 6,044 | 5,944 |
| OREG | 30,590 | 21,481 | 27,032 | 30,312 | 19,174 | 19,455 | 66,688 | 68,987 |
| PA | 3,314 | 2,498 | 0 | 470 | 2,436 | 2,615 | 4,793 | 6,304 |
| R I | 0 | 0 | 0 | 0 | 260 | 0 | 0 | 0 |
| S C | 2,217 | 2,285 | 0 | 0 | 22,199 | 23,639 | 2,631 | 2,896 |
| S DAK | 53,445 | 42,566 | 451 | 461 | 29,671 | 29,554 | 3,245 | 2,211 |
| TENN | 8,279 | 15,424 | 0 | 0 | 72,640 | 80,249 | 225 | 65 |
| TEX | 328,944 | 266,687 | 4,915 | 3,581 | 212,362 | 261,822 | 131,541 | 123,396 |
| UTAH | 9,000 | 9,000 | 10 | 0 | 28,000 | 34,000 | 10,000 | 10,500 |
| VT | 190 | 44 | 0 | 0 | 670 | 428 | 0 | 0 |
| VA | 530 | 930 | 23 | 0 | 10,792 | 11,705 | 2,954 | 3,963 |
| WASH | 81,750 | 78,294 | 185,141 | 172,906 | 39,542 | 41,711 | 38,275 | 40,951 |
| W VA | 557 | 86 | 0 | 0 | 4,816 | 2,347 | 616 | 572 |
| WISC | 78,873 | 120,893 | 9,134 | 13,764 | 34,536 | 31,690 | 10,059 | 13,627 |
| WYO | 5,875 | 8,649 | 0 | 0 | 20,503 | 26,112 | 285 | 456 |
| P R | 0 | 0 | 10 | 0 | 0 | 0 | 4,000 | 1,925 |
| TOTAL | 4,714,597 | 5,353,982 | 643,711 | 606,374 | 2,186,502 | 2,234,665 | 790,530 | 767,725 |

TABLE 5 -- DIRECT APPLICATION NITROGEN MATERIALS CONSUMPTION,
YEARS ENDED JUNE 30, 1984 AND 1985--CONTINUED

| STATE | NITROGEN SOLUTIONS | | SODIUM NITRATE | | UREA | | AMMONIUM NITRATE-LIMESTONE | |
|---|---|---|---|---|---|---|---|---|
| | 1984 | 1985 | 1984 | 1985 | 1984 | 1985 | 1984 | 1985 |
| | | | | TONS | | | | |
| ALA | 106,884 | 112,686 | 692 | 917 | 17,052 | 6,940 | 102 | 195 |
| ALAS | 0 | 0 | 0 | 0 | 2,700 | 2,220 | 0 | 0 |
| ARIZ | 97,966 | 120,098 | 0 | 0 | 25,835 | 20,149 | 0 | 41 |
| ARK | 78,272 | 99,805 | 3,945 | 3,108 | 279,655 | 249,760 | 0 | 0 |
| CALIF | 670,055 | 668,437 | 10,785 | 9,617 | 82,519 | 81,797 | 0 | 2,360 |
| COLO | 124,483 | 81,025 | 0 | 7 | 21,630 | 35,636 | 133 | 0 |
| CONN | 1,293 | 68 | 7 | 4 | 2,491 | 4,161 | 0 | 0 |
| DEL | 51,870 | 35,774 | 5 | 0 | 839 | 795 | 0 | 18 |
| D C | 70 | 50 | 25 | 15 | 65 | 70 | 0 | 0 |
| FLA | 71,372 | 65,808 | 2,151 | 2,339 | 3,889 | 4,058 | 1,685 | 337 |
| GA | 420,571 | 480,236 | 3,439 | 2,489 | 12,456 | 8,002 | 54 | 45 |
| HAW | 11,128 | 12,624 | 2 | 0 | 2,723 | 2,353 | 0 | 0 |
| IDAHO | 90,849 | 76,705 | 0 | 0 | 81,775 | 67,587 | 0 | 0 |
| ILL | 792,491 | 740,504 | 0 | 0 | 166,496 | 111,646 | 0 | 0 |
| IND | 505,975 | 517,296 | 215 | 475 | 86,213 | 73,610 | 0 | 0 |
| IOWA | 823,527 | 799,163 | 0 | 0 | 172,299 | 130,318 | 0 | 0 |
| KANS | 348,866 | 355,261 | 0 | 0 | 108,344 | 119,650 | 0 | 0 |
| KY | 59,249 | 62,583 | 1,237 | 854 | 99,213 | 89,687 | 0 | 52 |
| LA | 80,733 | 103,426 | 611 | 725 | 64,214 | 85,772 | 407 | 0 |
| MAINE | 0 | 24 | 0 | 22 | 3,366 | 4,548 | 99 | 0 |
| MD | 82,600 | 84,015 | 1,200 | 1,265 | 7,475 | 7,786 | 0 | 0 |
| MASS | 509 | 1,053 | 8 | 11 | 2,165 | 2,808 | 0 | 0 |
| MICH | 175,916 | 162,426 | 246 | 173 | 105,667 | 87,304 | 0 | 0 |
| MINN | 185,479 | 228,389 | 0 | 0 | 197,761 | 218,147 | 0 | 140 |
| MISS | 104,638 | 92,271 | 1,102 | 574 | 73,515 | 72,454 | 0 | 0 |
| MO | 158,319 | 194,512 | 279 | 342 | 84,395 | 181,766 | 160 | 0 |
| MONT | 21,482 | 17,257 | 0 | 0 | 46,349 | 38,725 | 0 | 0 |
| NEBR | 649,599 | 558,440 | 0 | 0 | 75,840 | 56,134 | 0 | 0 |
| NEV | 4,910 | 4,599 | 0 | 0 | 901 | 1,999 | 0 | 0 |
| N H | 91 | 84 | 1 | 1 | 1,777 | 1,485 | 0 | 0 |
| N J | 9,517 | 14,130 | 331 | 512 | 3,167 | 5,417 | 119 | 30 |
| N MEX | 22,026 | 28,450 | 0 | 2 | 9,252 | 13,423 | 0 | 0 |
| N Y | 47,518 | 58,938 | 245 | 334 | 28,617 | 26,991 | 198 | 11 |
| N C | 442,100 | 445,514 | 24,259 | 18,265 | 7,890 | 5,426 | 0 | 2 |
| N DAK | 34,981 | 42,282 | 10 | 0 | 55,511 | 81,756 | 0 | 0 |
| OHIO | 411,685 | 426,219 | 7 | 107 | 105,782 | 98,732 | 71 | 37 |
| OKLA | 109,545 | 136,782 | 249 | 23 | 111,987 | 113,190 | 0 | 0 |
| OREG | 75,014 | 96,443 | 0 | 1 | 63,043 | 75,368 | 0 | 0 |
| PA | 58,545 | 52,184 | 10 | 0 | 32,500 | 24,086 | 0 | 0 |
| R I | 0 | 0 | 3 | 0 | 355 | 341 | 0 | 0 |
| S C | 178,695 | 199,721 | 4,419 | 4,193 | 3,860 | 1,995 | 0 | 0 |
| S DAK | 61,137 | 60,217 | 0 | 0 | 76,844 | 76,959 | 0 | 12 |
| TENN | 31,857 | 41,124 | 4,463 | 3,377 | 106,693 | 100,970 | 0 | 0 |
| TEX | 397,348 | 482,720 | 342 | 1 | 114,038 | 115,653 | 0 | 0 |
| UTAH | 5,505 | 4,600 | 0 | 0 | 8,800 | 7,000 | 1,000 | 100 |
| VT | 2,150 | 3,487 | 0 | 0 | 2,210 | 4,799 | 0 | 0 |
| VA | 133,454 | 138,288 | 2,544 | 1,839 | 6,724 | 6,659 | 5 | 2 |
| WASH | 123,571 | 149,750 | 0 | 2 | 52,373 | 28,364 | 0 | 0 |
| W VA | 7,525 | 7,245 | 489 | 106 | 5,237 | 6,541 | 0 | 0 |
| WISC | 184,211 | 220,683 | 925 | 0 | 95,088 | 97,891 | 0 | 0 |
| WYO | 9,886 | 8,164 | 0 | 2 | 10,820 | 9,909 | 1,264 | 1,567 |
| P R | 10 | 0 | 0 | 0 | 875 | 2,175 | 0 | 0 |
| TOTAL | 8,065,477 | 8,291,560 | 64,246 | 51,702 | 2,731,285 | 2,671,012 | 5,297 | 4,949 |

TABLE 6 -- DIRECT APPLICATION NITROGEN, AND SECONDARY AND MICRONUTRIENT MATERIALS CONSUMPTION, YEARS ENDED JUNE 30, 1984 AND 1985

| STATE | NITROGEN MATERIALS | | SECONDARY AND MICRONUTRIENT | | | |
|---|---|---|---|---|---|---|
| | OTHER | | GYPSUM | | OTHER | |
| | 1984 | 1985 | 1984 | 1985 | 1984 | 1985 |
| | TONS | | | | | |
| ALA | 2,047 | 4,034 | 7,444 | 538 | 16,235 | 6,662 |
| ALAS | 0 | 0 | 0 | 0 | 0 | 0 |
| ARIZ | 11,806 | 1,621 | 59,217 | 17,534 | 7,309 | 10,420 |
| ARK | 1,315 | 449 | 0 | 0 | 6,253 | 3,177 |
| CALIF | 74,056 | 95,825 | 1,056,111 | 964,712 | 137,454 | 142,554 |
| COLO | 24,737 | 16,106 | 928 | 1,469 | 9,073 | 7,500 |
| CONN | 1,394 | 277 | 0 | 39 | 268 | 290 |
| DEL | 72 | 3 | 0 | 0 | 353 | 555 |
| D C | 10 | 10 | 0 | 0 | 40 | 40 |
| FLA | 7,399 | 7,694 | 18,521 | 31,378 | 15,028 | 13,134 |
| GA | 16,487 | 17,740 | 182,922 | 185,604 | 4,439 | 6,237 |
| HAW | 142 | 7,943 | 0 | 0 | 696 | 987 |
| IDAHO | 29,009 | 38,903 | 3,880 | 4,833 | 11,015 | 15,440 |
| ILL | 4,588 | 5,463 | 1,635 | 826 | 2,657 | 1,188 |
| IND | 24,021 | 26,029 | 0 | 0 | 12,537 | 16,808 |
| IOWA | 3,035 | 4,380 | 5,755 | 4,606 | 11,900 | 10,399 |
| KANS | 1,597 | 11 | 0 | 902 | 8,731 | 10,357 |
| KY | 7,035 | 1,452 | 1,000 | 700 | 3,707 | 9,807 |
| LA | 1,562 | 4,008 | 0 | 0 | 3,888 | 5,603 |
| MAINE | 159 | 11 | 0 | 3 | 118 | 385 |
| MD | 6,783 | 9,571 | 10 | 10 | 1,361 | 1,314 |
| MASS | 502 | 1,200 | 415 | 458 | 131 | 179 |
| MICH | 6,947 | 18,770 | 0 | 0 | 28,772 | 18,998 |
| MINN | 1,157 | 1,736 | 2,418 | 4,072 | 21,056 | 21,990 |
| MISS | 0 | 0 | 2,268 | 1,000 | 28 | 32 |
| MO | 325 | 338 | 14,962 | 19,794 | 2,819 | 880 |
| MONT | 4,592 | 2,084 | 1,000 | 600 | 4,501 | 2,526 |
| NEBR | 5,358 | 1,000 | 1,052 | 643 | 19,184 | 16,474 |
| NEV | 650 | 1,611 | 7,072 | 5,457 | 652 | 622 |
| N H | 236 | 169 | 0 | 0 | 169 | 215 |
| N J | 1,182 | 1,853 | 904 | 877 | 2,465 | 6,016 |
| N MEX | 3,862 | 2,987 | 0 | 0 | 3,563 | 1,974 |
| N Y | 2,250 | 1,892 | 45 | 22 | 4,700 | 4,613 |
| N C | 5,266 | 3,999 | 105,100 | 95,437 | 2,605 | 1,756 |
| N DAK | 443 | 1,416 | 20 | 0 | 1,264 | 1,434 |
| OHIO | 10,622 | 10,142 | 51 | 0 | 6,903 | 7,904 |
| OKLA | 27 | 8 | 0 | 0 | 1,018 | 742 |
| OREG | 31,902 | 50,975 | 7,441 | 7,849 | 4,689 | 4,112 |
| PA | 2,451 | 970 | 0 | 0 | 724 | 415 |
| R I | 2 | 23 | 0 | 0 | 0 | 0 |
| S C | 9,632 | 9,342 | 8,558 | 9,188 | 638 | 262 |
| S DAK | 1,070 | 519 | 22 | 0 | 653 | 453 |
| TENN | 148 | 238 | 135 | 172 | 948 | 1,289 |
| TEX | 24,993 | 19,155 | 0 | 0 | 30,694 | 25,418 |
| UTAH | 619 | 524 | 300 | 50 | 182 | 55 |
| VT | 2,158 | 86 | 16 | 50 | 471 | 1,170 |
| VA | 1,999 | 4,457 | 18,343 | 16,067 | 2,113 | 2,405 |
| WASH | 76,077 | 65,088 | 4,993 | 7,535 | 13,894 | 15,339 |
| W VA | 161 | 1,155 | 0 | 1 | 297 | 1,292 |
| WISC | 4,932 | 3,622 | 18,198 | 26,205 | 14,599 | 18,540 |
| WYO | 999 | 1,189 | 1 | 2 | 171 | 352 |
| P R | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 417,816 | 448,078 | 1,530,737 | 1,408,633 | 422,965 | 420,314 |

TABLE 7 -- DIRECT APPLICATION PHOSPHATE MATERIALS CONSUMPTION,
YEARS ENDED JUNE 30, 1984 AND 1985

| STATE | PHOSPHATE ROCK 1/ | | SUPERPHOSPHATES | | | | AMMONIUM PHOSPHATES 2/ | | OTHER PHOSPHATES | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | 22 PERCENT & UNDER | | OVER 22 PERCENT | | | | | |
| | 1984 | 1985 | 1984 | 1985 | 1984 | 1985 | 1984 | 1985 | 1984 | 1985 |
| | TONS | | | | | | | | | |
| ALA | 0 | 0 | 3,367 | 2,406 | 14,120 | 11,138 | 33 | 4 | 5,590 | 1,949 |
| ALAS | 0 | 0 | 0 | 0 | 20 | 0 | 370 | 570 | 0 | 0 |
| ARIZ | 0 | 0 | 0 | 0 | 1,499 | 2,122 | 21,159 | 17,571 | 5,715 | 1,829 |
| ARK | 0 | 0 | 233 | 154 | 8,814 | 6,741 | 279 | 219 | 29 | 1 |
| CALIF | 1,066 | 275 | 8,647 | 8,098 | 45,707 | 31,125 | 131,684 | 123,860 | 1,235 | 9,540 |
| COLO | 0 | 0 | 0 | 7 | 8,507 | 6,745 | 15,099 | 12,852 | 3,519 | 1,632 |
| CONN | 8 | 2 | 18 | 20 | 402 | 487 | 0 | 84 | 672 | 114 |
| DEL | 0 | 0 | 9 | 0 | 1,714 | 1,370 | 0 | 0 | 0 | 0 |
| D C | 0 | 0 | 5 | 10 | 10 | 10 | 0 | 0 | 0 | 0 |
| FLA | 535 | 1,299 | 9,942 | 6,403 | 0 | 96 | 741 | 135 | 4,278 | 4,931 |
| GA | 0 | 0 | 7,148 | 4,047 | 4,790 | 5,278 | 86 | 29 | 6,884 | 4,971 |
| HAW | 86 | 238 | 0 | 0 | 436 | 421 | 0 | 0 | 9,492 | 11,872 |
| IDAHO | 0 | 0 | 638 | 0 | 16,163 | 15,715 | 31,618 | 29,421 | 7,473 | 5,349 |
| ILL | 0 | 100 | 162 | 165 | 182,644 | 156,946 | 4 | 0 | 32,393 | 27,640 |
| IND | 100 | 0 | 33 | 150 | 50,419 | 46,827 | 0 | 0 | 2,877 | 13,222 |
| IOWA | 408 | 706 | 78 | 525 | 62,701 | 50,547 | 971 | 0 | 4,482 | 3,699 |
| KANS | 895 | 527 | 1,939 | 942 | 11,496 | 13,923 | 1,132 | 952 | 1,027 | 506 |
| KY | 0 | 0 | 16 | 12 | 39,274 | 36,687 | 10 | 3 | 31 | 14 |
| LA | 0 | 0 | 1 | 3 | 7,065 | 6,609 | 50 | 40 | 929 | 890 |
| MAINE | 95 | 96 | 0 | 6 | 77 | 296 | 300 | 28 | 611 | 24 |
| MD | 0 | 0 | 200 | 190 | 9,500 | 9,250 | 8 | 8 | 1,013 | 950 |
| MASS | 22 | 14 | 152 | 17 | 216 | 533 | 0 | 1 | 245 | 346 |
| MICH | 498 | 554 | 128 | 27 | 17,867 | 16,918 | 70 | 0 | 1,281 | 258 |
| MINN | 367 | 1,026 | 118 | 28 | 46,457 | 43,695 | 5,092 | 10,072 | 2,407 | 2,366 |
| MISS | 0 | 0 | 530 | 2 | 16,497 | 14,306 | 0 | 0 | 7,623 | 5,152 |
| MO | 619 | 369 | 18 | 26 | 13,128 | 52,196 | 0 | 17 | 317 | 209 |
| MONT | 0 | 0 | 0 | 0 | 3,721 | 4,111 | 23,402 | 21,319 | 1,510 | 769 |
| NEBR | 0 | 0 | 1,501 | 1,059 | 13,874 | 13,396 | 3,561 | 4,213 | 638 | 1,387 |
| NEV | 0 | 0 | 1 | 4 | 2,137 | 1,597 | 1,585 | 4,188 | 16 | 20 |
| N H | 5 | 7 | 53 | 121 | 378 | 311 | 0 | 112 | 63 | 44 |
| N J | 0 | 92 | 36 | 41 | 755 | 864 | 3 | 6 | 207 | 146 |
| N MEX | 0 | 0 | 59 | 52 | 4,523 | 3,702 | 1,895 | 1,825 | 1 | 396 |
| N Y | 863 | 3 | 1,561 | 217 | 24,095 | 12,497 | 5,648 | 6,234 | 6,798 | 4,936 |
| N C | 16 | 17 | 900 | 733 | 10,226 | 9,066 | 0 | 0 | 158 | 213 |
| N DAK | 0 | 0 | 0 | 0 | 9,068 | 10,458 | 303 | 167 | 718 | 44 |
| OHIO | 74 | 0 | 166 | 123 | 76,530 | 62,405 | 48 | 0 | 2,009 | 3,323 |
| OKLA | 0 | 0 | 487 | 133 | 8,195 | 6,402 | 1,404 | 753 | 15 | 93 |
| OREG | 0 | 0 | 0 | 0 | 13,991 | 7,548 | 45,337 | 37,907 | 3,897 | 1,380 |
| PA | 204 | 19 | 10 | 1 | 3,738 | 4,392 | 33 | 0 | 1,422 | 445 |
| R I | 0 | 0 | 0 | 7 | 179 | 37 | 202 | 145 | 103 | 118 |
| S C | 0 | 0 | 699 | 1,017 | 3,850 | 2,669 | 0 | 451 | 1,271 | 315 |
| S DAK | 79 | 0 | 0 | 0 | 14,539 | 9,107 | 0 | 0 | 768 | 778 |
| TENN | 0 | 0 | 137 | 2,631 | 28,878 | 22,512 | 1 | 0 | 0 | 0 |
| TEX | 0 | 0 | 5,792 | 5,750 | 7,794 | 5,117 | 37,040 | 32,009 | 3,156 | 405 |
| UTAH | 0 | 0 | 0 | 0 | 18,900 | 17,000 | 2,000 | 2,200 | 0 | 0 |
| VT | 0 | 0 | 41 | 79 | 1,550 | 1,260 | 0 | 9 | 5 | 8 |
| VA | 117 | 177 | 76 | 63 | 4,058 | 3,771 | 0 | 4 | 368 | 131 |
| WASH | 0 | 6 | 0 | 2,581 | 5,006 | 6,190 | 39,308 | 38,903 | 11,511 | 13,201 |
| W VA | 0 | 0 | 0 | 0 | 3,112 | 4,499 | 0 | 0 | 39 | 1,490 |
| WISC | 276 | 2,807 | 41,061 | 42,270 | 48,902 | 51,963 | 115 | 67 | 1,877 | 984 |
| WYO | 0 | 0 | 0 | 0 | 4,996 | 4,258 | 595 | 328 | 1,187 | 1,992 |
| P R | 0 | 0 | 330 | 200 | 50 | 65 | 0 | 0 | 0 | 0 |
| TOTAL | 6,333 | 8,334 | 86,292 | 80,320 | 872,568 | 795,178 | 371,186 | 346,706 | 137,860 | 130,082 |

1/ INCLUDES COLLOIDAL PHOSPHATE.
2/ TOTAL OF 11-48-0, 13-39-0, 16-20-0, 21-53-0 AND 27-14-0.

TABLE 8 -- DIRECT APPLICATION POTASH AND NATURAL ORGANIC MATERIALS CONSUMPTION, YEARS ENDED JUNE 30, 1984 AND 1985

| STATE | POTASH MATERIALS | | | | NATURAL ORGANICS | |
|---|---|---|---|---|---|---|
| | CHLORIDE 50-62 PERCENT GRADES | | OTHER | | | |
| | 1984 | 1985 | 1984 | 1985 | 1984 | 1985 |
| | TONS | | | | | |
| ALA | 29,229 | 25,465 | 7,860 | 8,046 | 3,000 | 4,800 |
| ALAS | 20 | 40 | 110 | 0 | 0 | 0 |
| ARIZ | 561 | 932 | 272 | 398 | 0 | 311 |
| ARK | 29,675 | 28,051 | 2,737 | 1,932 | 1,751 | 78 |
| CALIF | 44,112 | 24,951 | 47,956 | 51,757 | 35,073 | 19,682 |
| COLO | 15,476 | 14,479 | 10,112 | 6,684 | 31,361 | 5,450 |
| CONN | 1,206 | 2,636 | 11 | 78 | 6,092 | 5,451 |
| DEL | 15,041 | 12,826 | 392 | 0 | 575 | 500 |
| D C | 35 | 30 | 0 | 0 | 540 | 500 |
| FLA | 18,946 | 17,327 | 67,466 | 60,876 | 40,676 | 39,017 |
| GA | 28,118 | 28,341 | 30,819 | 27,499 | 10,756 | 10,922 |
| HAW | 242 | 370 | 18,731 | 19,267 | 0 | 0 |
| IDAHO | 14,220 | 28,161 | 4,647 | 6,866 | 0 | 0 |
| ILL | 1,090,331 | 992,482 | 8,654 | 9,510 | 5,861 | 1,044 |
| IND | 377,027 | 423,965 | 17,816 | 14,334 | 4,593 | 4,247 |
| IOWA | 831,744 | 740,077 | 4,921 | 6,741 | 1 | 0 |
| KANS | 57,113 | 59,609 | 1,695 | 0 | 0 | 300 |
| KY | 140,342 | 136,711 | 35,315 | 29,222 | 4,729 | 2,412 |
| LA | 20,888 | 23,952 | 17,746 | 14,947 | 4,056 | 2,969 |
| MAINE | 2,170 | 1,718 | 83 | 717 | 2,147 | 2,970 |
| MD | 24,659 | 22,529 | 3,113 | 2,947 | 904 | 1,244 |
| MASS | 1,840 | 3,693 | 515 | 1,075 | 7,616 | 3,947 |
| MICH | 306,862 | 257,782 | 7,401 | 6,474 | 11,400 | 9,951 |
| MINN | 506,698 | 540,725 | 9,257 | 14,168 | 0 | 0 |
| MISS | 51,611 | 39,444 | 0 | 0 | 0 | 0 |
| MO | 51,733 | 275,867 | 3,915 | 4,498 | 3,337 | 3,475 |
| MONT | 20,402 | 18,327 | 104 | 229 | 106 | 1,023 |
| NEBR | 46,157 | 40,180 | 34,092 | 29,289 | 109 | 562 |
| NEV | 0 | 0 | 131 | 84 | 1,246 | 821 |
| N H | 1,785 | 2,118 | 361 | 345 | 1,443 | 1,669 |
| N J | 2,051 | 5,916 | 205 | 650 | 11,382 | 18,943 |
| N MEX | 3,509 | 5,165 | 6,739 | 4,779 | 1,677 | 2,287 |
| N Y | 63,623 | 68,726 | 6,340 | 5,081 | 13,731 | 15,397 |
| N C | 44,428 | 38,217 | 24,006 | 22,429 | 7,613 | 8,393 |
| N DAK | 19,880 | 27,173 | 0 | 0 | 0 | 200 |
| OHIO | 414,003 | 386,854 | 5,862 | 5,991 | 1,338 | 2,115 |
| OKLA | 34,331 | 38,497 | 2,051 | 2,427 | 1,336 | 3,268 |
| OREG | 26,651 | 30,094 | 6,307 | 6,320 | 35 | 250 |
| PA | 18,519 | 19,394 | 518 | 431 | 272 | 1,605 |
| R I | 259 | 87 | 0 | 0 | 1,402 | 2,204 |
| S C | 12,242 | 13,740 | 13,116 | 12,633 | 5,470 | 5,440 |
| S DAK | 19,745 | 17,233 | 198 | 494 | 26 | 88 |
| TENN | 139,819 | 151,024 | 4,853 | 4,357 | 150 | 203 |
| TEX | 19,066 | 18,606 | 13,453 | 9,275 | 0 | 769 |
| UTAH | 200 | 200 | 0 | 0 | 0 | 105 |
| VT | 2,720 | 5,575 | 377 | 38 | 521 | 197 |
| VA | 13,543 | 15,266 | 2,729 | 2,984 | 9,075 | 9,609 |
| WASH | 37,875 | 36,874 | 12,838 | 9,385 | 20,778 | 13,028 |
| W VA | 9,109 | 11,110 | 84 | 16 | 682 | 1,840 |
| WISC | 512,632 | 597,823 | 20,709 | 20,542 | 212 | 216 |
| WYO | 1,046 | 782 | 271 | 206 | 83 | 25 |
| P R | 570 | 180 | 780 | 785 | 90 | 70 |
| TOTAL | 5,124,064 | 5,251,324 | 457,668 | 426,806 | 253,245 | 209,597 |

TABLE 9 -- PRIMARY PLANT NUTRIENT CONSUMPTION BY KIND OF FERTILIZER, YEARS ENDED JUNE 30, 1984 AND 1985 1/

| STATE | JULY 1 TO DECEMBER 31, 1983 | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | MIXTURES | | | | MIXTURES AND DIRECT APPLICATION MATERIALS | | | |
| | N | AVAILABLE P2O5 | K2O | TOTAL | N | AVAILABLE P2O5 | K2O | TOTAL |
| | NUTRIENT TONS | | | | | | | |
| ALA | 11,754 | 22,174 | 24,085 | 58,013 | 46,425 | 25,148 | 29,374 | 100,947 |
| ALAS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ARIZ | 5,186 | 10,913 | 183 | 16,282 | 32,861 | 16,400 | 278 | 49,539 |
| ARK | 8,468 | 21,339 | 22,184 | 51,991 | 56,714 | 22,907 | 26,025 | 105,646 |
| CALIF | 36,824 | 51,047 | 19,129 | 107,000 | 211,618 | 88,585 | 30,343 | 330,546 |
| COLO | 3,808 | 8,377 | 813 | 12,998 | 85,068 | 12,227 | 3,497 | 100,792 |
| CONN | 1,210 | 1,229 | 855 | 3,294 | 1,768 | 1,340 | 1,084 | 4,192 |
| DEL | 1,953 | 3,043 | 3,809 | 8,805 | 10,490 | 3,407 | 7,457 | 21,354 |
| D C | 560 | 182 | 126 | 868 | 595 | 188 | 136 | 919 |
| FLA | 63,638 | 35,924 | 83,638 | 183,200 | 83,692 | 37,926 | 91,665 | 213,283 |
| GA | 15,660 | 25,136 | 43,178 | 83,974 | 54,020 | 26,126 | 47,332 | 127,478 |
| HAW | 6,070 | 4,662 | 7,147 | 17,879 | 7,932 | 5,351 | 8,473 | 21,756 |
| IDAHO | 9,721 | 20,505 | 451 | 30,677 | 59,540 | 27,611 | 3,749 | 90,900 |
| ILL | 88,266 | 219,312 | 60,345 | 367,923 | 236,552 | 273,696 | 446,309 | 956,557 |
| IND | 28,223 | 84,536 | 76,028 | 188,787 | 105,630 | 99,102 | 185,391 | 390,123 |
| IOWA | 74,978 | 200,289 | 32,632 | 307,899 | 307,290 | 221,096 | 369,840 | 898,226 |
| KANS | 40,312 | 115,184 | 3,650 | 159,146 | 307,352 | 117,649 | 20,478 | 445,479 |
| KY | 9,570 | 23,726 | 8,164 | 41,460 | 34,902 | 30,932 | 39,843 | 105,677 |
| LA | 11,570 | 16,730 | 19,660 | 47,960 | 39,560 | 17,900 | 23,990 | 81,450 |
| MAINE | 2,224 | 2,618 | 2,314 | 7,156 | 2,645 | 2,658 | 2,594 | 7,897 |
| MD | 3,868 | 7,119 | 5,634 | 16,621 | 19,608 | 9,380 | 13,325 | 42,313 |
| MASS | 1,148 | 729 | 733 | 2,610 | 1,265 | 756 | 763 | 2,784 |
| MICH | 18,485 | 47,963 | 32,134 | 98,582 | 74,611 | 51,642 | 121,915 | 248,168 |
| MINN | 50,986 | 130,444 | 12,035 | 193,465 | 242,595 | 145,829 | 204,847 | 593,271 |
| MISS | 10,426 | 19,593 | 19,291 | 49,310 | 57,544 | 21,278 | 27,860 | 106,682 |
| MO | 55,820 | 78,238 | 93,728 | 227,786 | 102,238 | 83,512 | 112,172 | 297,922 |
| MONT | 11,252 | 38,000 | 498 | 49,750 | 60,167 | 40,580 | 4,923 | 105,670 |
| NEBR | 14,461 | 39,074 | 1,654 | 55,189 | 191,181 | 41,781 | 9,282 | 242,244 |
| NEV | 302 | 346 | 114 | 762 | 1,250 | 541 | 125 | 1,916 |
| N H | 600 | 582 | 510 | 1,692 | 676 | 634 | 966 | 2,276 |
| N J | 6,402 | 6,341 | 6,039 | 18,782 | 8,581 | 6,643 | 6,464 | 21,688 |
| N MEX | 1,194 | 2,657 | 207 | 4,058 | 12,571 | 2,985 | 929 | 16,485 |
| N Y | 11,488 | 17,240 | 17,480 | 46,208 | 27,737 | 23,934 | 33,167 | 84,838 |
| N C | 15,028 | 22,100 | 31,507 | 68,635 | 52,403 | 24,358 | 36,649 | 113,410 |
| N DAK | 9,371 | 26,155 | 1,775 | 37,301 | 80,309 | 27,540 | 4,478 | 112,327 |
| OHIO | 26,365 | 69,684 | 30,614 | 126,663 | 90,003 | 90,016 | 157,466 | 337,485 |
| OKLA | 27,759 | 65,364 | 4,805 | 97,928 | 173,289 | 67,220 | 14,451 | 254,960 |
| OREG | 4,783 | 12,496 | 2,086 | 19,365 | 45,687 | 18,973 | 8,592 | 73,252 |
| PA | 7,516 | 12,176 | 11,880 | 31,572 | 16,940 | 13,292 | 15,472 | 45,704 |
| R I | 364 | 241 | 288 | 893 | 462 | 316 | 342 | 1,120 |
| S C | 5,364 | 8,222 | 14,231 | 27,817 | 18,833 | 9,289 | 15,566 | 43,688 |
| S DAK | 8,778 | 18,921 | 1,239 | 28,938 | 46,797 | 22,781 | 5,504 | 75,082 |
| TENN | 16,988 | 39,969 | 6,858 | 63,815 | 40,116 | 48,999 | 30,462 | 119,577 |
| TEX | 99,292 | 107,589 | 30,817 | 237,698 | 318,104 | 112,229 | 35,765 | 466,098 |
| UTAH | 1,209 | 3,288 | 54 | 4,551 | 7,193 | 7,202 | 84 | 14,479 |
| VT | 1,671 | 2,020 | 2,038 | 5,729 | 2,593 | 2,259 | 2,637 | 7,489 |
| VA | 7,955 | 13,422 | 17,002 | 38,379 | 21,218 | 14,394 | 18,828 | 54,440 |
| WASH | 6,479 | 13,272 | 3,815 | 23,566 | 91,122 | 17,015 | 9,202 | 117,339 |
| W VA | 933 | 1,807 | 714 | 3,454 | 3,242 | 2,374 | 2,658 | 8,274 |
| WISC | 14,809 | 37,388 | 13,409 | 65,606 | 51,355 | 53,956 | 186,955 | 292,266 |
| WYO | 661 | 1,968 | 30 | 2,659 | 8,871 | 3,550 | 302 | 12,723 |
| P R | 4,800 | 2,220 | 4,770 | 11,790 | 5,260 | 2,258 | 5,035 | 12,553 |
| TOTAL | 866,552 | 1,713,554 | 776,380 | 3,356,486 | 3,558,475 | 1,997,765 | 2,425,044 | 7,981,284 |

1/ THE SUMS OF INDIVIDUAL ITEMS MAY NOT EQUAL TOTALS DUE TO ROUNDING.

TABLE 9 -- PRIMARY PLANT NUTRIENT CONSUMPTION BY KIND OF FERTILIZER, YEARS ENDED JUNE 30, 1984 AND 1985 1/--CONTINUED

| STATE | JANUARY 1 TO JUNE 30, 1984 | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | MIXTURES | | | | MIXTURES AND DIRECT APPLICATION MATERIALS | | | |
| | N | AVAILABLE P 0 2 5 | K 0 2 | TOTAL | N | AVAILABLE P 0 2 5 | K 0 2 | TOTAL |
| | NUTRIENT TONS | | | | | | | |
| ALA | 33,549 | 53,527 | 60,054 | 147,130 | 106,237 | 58,322 | 74,392 | 238,951 |
| ALAS | 1,596 | 1,959 | 1,382 | 4,937 | 3,095 | 2,148 | 1,427 | 6,670 |
| ARIZ | 6,726 | 16,166 | 165 | 23,057 | 55,301 | 21,076 | 446 | 76,823 |
| ARK | 28,568 | 44,254 | 53,534 | 126,356 | 164,472 | 46,794 | 68,147 | 279,413 |
| CALIF | 55,794 | 69,198 | 37,067 | 162,059 | 414,483 | 98,248 | 57,883 | 570,614 |
| COLO | 9,974 | 21,890 | 1,211 | 33,075 | 101,673 | 29,746 | 11,220 | 142,639 |
| CONN | 3,912 | 3,717 | 2,598 | 10,227 | 5,587 | 4,049 | 3,286 | 12,922 |
| DEL | 4,628 | 6,331 | 8,327 | 19,286 | 14,603 | 6,784 | 13,950 | 35,337 |
| D C | 880 | 286 | 198 | 1,364 | 938 | 294 | 214 | 1,446 |
| FLA | 109,008 | 59,873 | 144,442 | 313,323 | 152,015 | 62,002 | 164,134 | 378,151 |
| GA | 57,138 | 94,410 | 136,625 | 288,173 | 202,233 | 97,888 | 158,181 | 458,302 |
| HAW | 5,355 | 4,241 | 6,473 | 16,069 | 8,094 | 4,967 | 8,569 | 21,630 |
| IDAHO | 12,931 | 18,311 | 875 | 32,117 | 122,035 | 29,893 | 7,273 | 159,201 |
| ILL | 85,912 | 197,320 | 69,003 | 352,235 | 819,033 | 230,221 | 340,890 | 1,390,144 |
| IND | 75,451 | 193,292 | 138,114 | 406,857 | 415,594 | 203,290 | 260,350 | 879,234 |
| IOWA | 67,008 | 167,189 | 70,292 | 304,489 | 735,751 | 177,809 | 239,281 | 1,152,841 |
| KANS | 22,925 | 60,643 | 4,068 | 87,636 | 277,216 | 64,393 | 22,452 | 364,061 |
| KY | 41,186 | 81,473 | 46,856 | 169,515 | 158,522 | 92,231 | 115,922 | 366,675 |
| LA | 28,801 | 41,009 | 48,382 | 118,192 | 112,693 | 43,580 | 58,674 | 214,947 |
| MAINE | 8,241 | 9,709 | 8,573 | 26,523 | 9,941 | 9,868 | 9,686 | 29,495 |
| MD | 16,112 | 26,432 | 27,409 | 69,953 | 41,877 | 29,030 | 35,479 | 106,386 |
| MASS | 5,093 | 3,233 | 3,744 | 12,070 | 6,519 | 3,559 | 5,033 | 15,111 |
| MICH | 56,071 | 119,749 | 76,170 | 251,990 | 216,729 | 125,315 | 173,415 | 515,459 |
| MINN | 47,021 | 114,589 | 37,249 | 198,859 | 262,933 | 122,986 | 151,769 | 537,688 |
| MISS | 24,415 | 48,539 | 58,590 | 131,544 | 130,024 | 55,392 | 81,504 | 266,920 |
| MO | 104,087 | 87,509 | 115,368 | 306,964 | 230,875 | 88,332 | 128,933 | 448,140 |
| MONT | 13,725 | 42,806 | 732 | 57,263 | 77,201 | 47,377 | 8,805 | 133,383 |
| NEBR | 40,785 | 107,373 | 9,513 | 157,671 | 491,215 | 112,233 | 37,246 | 640,694 |
| NEV | 535 | 452 | 163 | 1,150 | 3,170 | 1,459 | 183 | 4,812 |
| N H | 1,613 | 1,417 | 1,294 | 4,324 | 2,484 | 1,587 | 2,075 | 6,146 |
| N J | 14,566 | 11,879 | 13,491 | 39,936 | 18,864 | 12,172 | 14,582 | 45,618 |
| N MEX | 3,701 | 8,022 | 512 | 12,235 | 24,186 | 10,151 | 3,840 | 38,177 |
| N Y | 36,071 | 51,602 | 42,975 | 130,648 | 64,542 | 61,095 | 68,053 | 193,690 |
| N C | 72,348 | 101,204 | 169,095 | 342,647 | 199,432 | 104,127 | 197,773 | 501,332 |
| N DAK | 30,493 | 77,947 | 5,268 | 113,708 | 134,107 | 81,069 | 14,522 | 229,698 |
| OHIO | 58,241 | 128,474 | 64,181 | 250,896 | 277,759 | 143,686 | 190,134 | 611,579 |
| OKLA | 15,340 | 29,527 | 7,619 | 52,486 | 110,915 | 31,851 | 19,039 | 161,805 |
| OREG | 8,358 | 17,035 | 3,312 | 28,705 | 86,796 | 26,717 | 14,508 | 128,021 |
| PA | 29,349 | 42,806 | 33,387 | 105,542 | 57,415 | 44,072 | 41,042 | 142,529 |
| R I | 1,217 | 806 | 963 | 2,986 | 1,440 | 970 | 1,087 | 3,497 |
| S C | 22,486 | 35,504 | 70,363 | 128,353 | 72,580 | 36,328 | 80,822 | 189,730 |
| S DAK | 16,899 | 35,750 | 2,597 | 55,246 | 86,415 | 38,977 | 10,263 | 135,655 |
| TENN | 25,455 | 53,006 | 21,734 | 100,195 | 91,701 | 59,598 | 85,751 | 237,050 |
| TEX | 178,718 | 159,986 | 77,775 | 416,479 | 516,273 | 168,533 | 88,667 | 773,473 |
| UTAH | 1,980 | 5,055 | 111 | 7,146 | 21,308 | 10,188 | 201 | 31,697 |
| VT | 3,037 | 3,657 | 3,657 | 10,351 | 4,903 | 4,148 | 4,799 | 13,850 |
| VA | 38,264 | 49,083 | 63,608 | 150,955 | 74,115 | 50,156 | 70,858 | 195,129 |
| WASH | 13,836 | 28,133 | 7,650 | 49,619 | 142,389 | 38,865 | 29,832 | 211,086 |
| W VA | 4,011 | 6,658 | 4,055 | 14,724 | 8,498 | 7,517 | 7,701 | 23,716 |
| WISC | 36,833 | 80,761 | 39,967 | 157,561 | 177,091 | 94,092 | 180,549 | 451,732 |
| WYO | 1,430 | 3,673 | 20 | 5,123 | 13,582 | 5,245 | 464 | 19,291 |
| P R | 6,076 | 2,828 | 6,048 | 14,952 | 6,844 | 2,890 | 6,479 | 16,213 |
| TOTAL | 1,587,749 | 2,630,293 | 1,806,859 | 6,024,901 | 7,533,698 | 2,903,320 | 3,371,785 | 13,808,803 |

1/ THE SUMS OF INDIVIDUAL ITEMS MAY NOT EQUAL TOTALS DUE TO ROUNDING.

TABLE 9 -- PRIMARY PLANT NUTRIENT CONSUMPTION BY KIND OF FERTILIZER, YEARS ENDED JUNE 30, 1984 AND 1985 1/--CONTINUED

| STATE | JULY 1, 1983 TO JUNE 30, 1984 | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | MIXTURES | | | | MIXTURES AND DIRECT APPLICATION MATERIALS | | | |
| | N | AVAILABLE P 0 2 5 | K 0 2 | TOTAL | N | AVAILABLE P 0 2 5 | K 0 2 | TOTAL |
| | NUTRIENT TONS | | | | | | | |
| ALA | 45,303 | 75,701 | 84,139 | 205,143 | 152,662 | 83,470 | 103,766 | 339,898 |
| ALAS | 1,596 | 1,959 | 1,382 | 4,937 | 3,095 | 2,148 | 1,427 | 6,670 |
| ARIZ | 11,912 | 27,079 | 348 | 39,339 | 88,162 | 37,476 | 724 | 126,362 |
| ARK | 37,036 | 65,593 | 75,718 | 178,347 | 221,186 | 69,701 | 94,172 | 385,059 |
| CALIF | 92,618 | 120,245 | 56,196 | 269,059 | 626,101 | 186,833 | 88,226 | 901,160 |
| COLO | 13,782 | 30,267 | 2,024 | 46,073 | 186,741 | 41,973 | 14,717 | 243,431 |
| CONN | 5,122 | 4,946 | 3,453 | 13,521 | 7,355 | 5,389 | 4,370 | 17,114 |
| DEL | 6,581 | 9,374 | 12,136 | 28,091 | 25,093 | 10,191 | 21,407 | 56,691 |
| D C | 1,440 | 468 | 324 | 2,232 | 1,533 | 482 | 350 | 2,365 |
| FLA | 172,646 | 95,797 | 228,080 | 496,523 | 235,707 | 99,928 | 255,799 | 591,434 |
| GA | 72,798 | 119,546 | 179,803 | 372,147 | 256,253 | 124,014 | 205,513 | 585,780 |
| HAW | 11,425 | 8,903 | 13,620 | 33,948 | 16,026 | 10,318 | 17,042 | 43,386 |
| IDAHO | 22,652 | 38,816 | 1,326 | 62,794 | 181,575 | 57,504 | 11,022 | 250,101 |
| ILL | 174,178 | 416,632 | 129,348 | 720,158 | 1,055,585 | 503,917 | 787,199 | 2,346,701 |
| IND | 103,674 | 277,828 | 214,142 | 595,644 | 521,224 | 302,392 | 445,741 | 1,269,357 |
| IOWA | 141,986 | 367,478 | 102,924 | 612,388 | 1,043,041 | 398,905 | 609,121 | 2,051,067 |
| KANS | 63,237 | 175,827 | 7,718 | 246,782 | 584,568 | 182,042 | 42,930 | 809,540 |
| KY | 50,756 | 105,199 | 55,020 | 210,975 | 193,424 | 123,163 | 155,765 | 472,352 |
| LA | 40,371 | 57,739 | 68,042 | 166,152 | 152,253 | 61,480 | 82,664 | 296,397 |
| MAINE | 10,465 | 12,327 | 10,887 | 33,679 | 12,586 | 12,526 | 12,280 | 37,392 |
| MD | 19,980 | 33,551 | 33,043 | 86,574 | 61,485 | 38,410 | 48,804 | 148,699 |
| MASS | 6,241 | 3,962 | 4,477 | 14,680 | 7,784 | 4,315 | 5,796 | 17,895 |
| MICH | 74,556 | 167,712 | 108,304 | 350,572 | 291,340 | 176,957 | 295,330 | 763,627 |
| MINN | 98,007 | 245,033 | 49,284 | 392,324 | 505,528 | 268,815 | 356,616 | 1,130,959 |
| MISS | 34,841 | 68,132 | 77,881 | 180,854 | 187,568 | 76,670 | 109,364 | 373,602 |
| MO | 159,907 | 165,747 | 209,096 | 534,750 | 333,113 | 171,844 | 241,105 | 746,062 |
| MONT | 24,977 | 80,806 | 1,230 | 107,013 | 137,368 | 87,957 | 13,728 | 239,053 |
| NEBR | 55,246 | 146,447 | 11,167 | 212,860 | 682,396 | 154,014 | 46,528 | 882,938 |
| NEV | 837 | 798 | 277 | 1,912 | 4,420 | 2,000 | 308 | 6,728 |
| N H | 2,213 | 1,999 | 1,804 | 6,016 | 3,160 | 2,221 | 3,041 | 8,422 |
| N J | 20,968 | 18,220 | 19,530 | 58,718 | 27,445 | 18,815 | 21,046 | 67,306 |
| N MEX | 4,895 | 10,679 | 719 | 16,293 | 36,757 | 13,136 | 4,769 | 54,662 |
| N Y | 47,559 | 68,842 | 60,455 | 176,856 | 92,279 | 85,029 | 101,220 | 278,528 |
| N C | 87,376 | 123,304 | 200,602 | 411,282 | 251,835 | 128,485 | 234,422 | 614,742 |
| N DAK | 39,864 | 104,102 | 7,043 | 151,009 | 214,416 | 108,609 | 19,000 | 342,025 |
| OHIO | 84,606 | 198,158 | 94,795 | 377,559 | 367,762 | 233,702 | 347,600 | 949,064 |
| OKLA | 43,099 | 94,891 | 12,424 | 150,414 | 284,204 | 99,071 | 33,490 | 416,765 |
| OREG | 13,141 | 29,531 | 5,398 | 48,070 | 132,483 | 45,690 | 23,100 | 201,273 |
| PA | 36,865 | 54,982 | 45,267 | 137,114 | 74,355 | 57,364 | 56,514 | 188,233 |
| R I | 1,581 | 1,047 | 1,251 | 3,879 | 1,902 | 1,286 | 1,429 | 4,617 |
| S C | 27,850 | 43,726 | 84,594 | 156,170 | 91,413 | 45,617 | 96,388 | 233,418 |
| S DAK | 25,677 | 54,671 | 3,836 | 84,184 | 133,212 | 61,758 | 15,767 | 210,737 |
| TENN | 42,443 | 92,975 | 28,592 | 164,010 | 131,817 | 108,597 | 116,213 | 356,627 |
| TEX | 278,010 | 267,575 | 108,592 | 654,177 | 834,377 | 280,762 | 124,432 | 1,239,571 |
| UTAH | 3,189 | 8,343 | 165 | 11,697 | 28,501 | 17,390 | 285 | 46,176 |
| VT | 4,708 | 5,677 | 5,695 | 16,080 | 7,496 | 6,407 | 7,436 | 21,339 |
| VA | 46,219 | 62,505 | 80,610 | 189,334 | 95,333 | 64,550 | 89,686 | 249,569 |
| WASH | 20,315 | 41,405 | 11,465 | 73,185 | 233,511 | 55,880 | 39,034 | 328,425 |
| W VA | 4,944 | 8,465 | 4,769 | 18,178 | 11,740 | 9,891 | 10,359 | 31,990 |
| WISC | 51,642 | 118,149 | 53,376 | 223,167 | 228,446 | 148,048 | 367,504 | 743,998 |
| WYO | 2,091 | 5,641 | 50 | 7,782 | 22,453 | 8,795 | 766 | 32,014 |
| P R | 10,876 | 5,048 | 10,818 | 26,742 | 12,104 | 5,148 | 11,514 | 28,766 |
| TOTAL | 2,454,301 | 4,343,847 | 2,583,239 | 9,381,387 | 11,092,173 | 4,901,085 | 5,796,829 | 21,790,087 |

1/ THE SUMS OF INDIVIDUAL ITEMS MAY NOT EQUAL TOTALS DUE TO ROUNDING.

TABLE 9 -- PRIMARY PLANT NUTRIENT CONSUMPTION BY KIND OF FERTILIZER,
YEARS ENDED JUNE 30, 1984 AND 1985 1/--CONTINUED

| STATE | JULY 1, TO DECEMBER 31, 1984 | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | MIXTURES | | | | MIXTURES AND DIRECT APPLICATION MATERIALS | | | |
| | N | AVAILABLE P 0 2 5 | K 0 2 | TOTAL | N | AVAILABLE P 0 2 5 | K 0 2 | TOTAL |
| | NUTRIENT TONS | | | | | | | |
| ALA | 9,896 | 15,121 | 15,574 | 40,591 | 36,500 | 16,652 | 20,314 | 73,466 |
| ALAS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ARIZ | 4,211 | 8,627 | 142 | 12,980 | 31,055 | 12,489 | 465 | 44,009 |
| ARK | 5,082 | 10,231 | 9,935 | 25,248 | 58,889 | 11,270 | 11,946 | 82,105 |
| CALIF | 33,103 | 44,949 | 16,885 | 94,937 | 213,888 | 82,721 | 29,915 | 326,524 |
| COLO | 4,298 | 9,643 | 693 | 14,634 | 68,056 | 11,994 | 3,235 | 83,285 |
| CONN | 1,113 | 883 | 887 | 2,883 | 1,663 | 978 | 1,324 | 3,965 |
| DEL | 981 | 1,725 | 1,713 | 4,419 | 4,353 | 1,896 | 4,009 | 10,258 |
| D C | 560 | 182 | 126 | 868 | 590 | 188 | 136 | 914 |
| FLA | 61,638 | 37,402 | 83,865 | 182,905 | 80,970 | 39,317 | 92,578 | 212,865 |
| GA | 16,361 | 25,329 | 36,220 | 77,910 | 50,742 | 26,410 | 41,233 | 118,385 |
| HAW | 7,395 | 5,693 | 9,200 | 22,288 | 10,614 | 6,419 | 11,155 | 28,188 |
| IDAHO | 9,544 | 20,074 | 427 | 30,045 | 63,104 | 27,814 | 11,293 | 102,211 |
| ILL | 69,290 | 177,173 | 44,852 | 291,315 | 239,118 | 219,277 | 356,235 | 814,630 |
| IND | 20,299 | 55,170 | 54,386 | 129,855 | 79,511 | 67,069 | 156,765 | 303,345 |
| IOWA | 61,362 | 167,665 | 28,992 | 258,019 | 280,341 | 183,214 | 298,120 | 761,675 |
| KANS | 37,233 | 103,659 | 3,562 | 144,454 | 291,547 | 106,740 | 20,927 | 419,214 |
| KY | 8,186 | 19,070 | 5,172 | 32,428 | 28,249 | 23,630 | 32,196 | 84,075 |
| LA | 12,140 | 16,300 | 18,600 | 47,040 | 47,640 | 17,405 | 23,390 | 88,435 |
| MAINE | 2,120 | 2,440 | 2,250 | 6,810 | 2,655 | 2,485 | 2,510 | 7,650 |
| MD | 4,062 | 7,200 | 5,625 | 16,887 | 20,908 | 9,169 | 12,921 | 42,998 |
| MASS | 1,700 | 1,118 | 1,308 | 4,126 | 2,332 | 1,254 | 1,754 | 5,340 |
| MICH | 12,940 | 31,991 | 24,799 | 69,730 | 58,923 | 34,164 | 102,443 | 195,530 |
| MINN | 43,417 | 111,541 | 10,174 | 165,132 | 218,573 | 126,737 | 169,587 | 514,897 |
| MISS | 6,710 | 10,322 | 10,203 | 27,235 | 50,228 | 11,574 | 15,934 | 77,736 |
| MO | 18,447 | 38,640 | 11,541 | 68,628 | 69,103 | 45,135 | 73,048 | 187,286 |
| MONT | 8,068 | 27,930 | 542 | 36,540 | 39,111 | 29,713 | 3,844 | 72,668 |
| NEBR | 12,405 | 32,213 | 1,758 | 46,376 | 209,267 | 34,575 | 7,618 | 251,460 |
| NEV | 431 | 582 | 180 | 1,193 | 1,997 | 1,065 | 192 | 3,254 |
| N H | 606 | 597 | 512 | 1,715 | 681 | 649 | 967 | 2,297 |
| N J | 5,574 | 4,730 | 5,249 | 15,553 | 7,873 | 4,930 | 6,248 | 19,051 |
| N MEX | 1,189 | 2,547 | 165 | 3,901 | 13,134 | 2,771 | 637 | 16,542 |
| N Y | 8,932 | 11,634 | 12,276 | 32,842 | 27,113 | 14,223 | 25,368 | 66,704 |
| N C | 13,293 | 19,745 | 26,731 | 59,769 | 34,328 | 21,165 | 29,976 | 85,469 |
| N DAK | 8,593 | 24,248 | 1,062 | 33,903 | 51,680 | 26,205 | 6,362 | 84,247 |
| OHIO | 20,209 | 46,664 | 22,776 | 89,649 | 69,862 | 60,950 | 121,623 | 252,435 |
| OKLA | 29,019 | 70,059 | 4,483 | 103,561 | 167,174 | 71,827 | 16,198 | 255,199 |
| OREG | 7,755 | 11,757 | 2,189 | 21,701 | 54,280 | 15,609 | 9,276 | 79,165 |
| PA | 7,054 | 10,863 | 10,956 | 28,873 | 14,909 | 11,586 | 14,988 | 41,483 |
| R I | 427 | 185 | 275 | 887 | 499 | 237 | 302 | 1,038 |
| S C | 4,659 | 7,513 | 13,186 | 25,358 | 14,277 | 7,718 | 14,484 | 36,479 |
| S DAK | 9,961 | 21,806 | 1,082 | 32,849 | 47,773 | 23,832 | 6,295 | 77,900 |
| TENN | 8,936 | 19,578 | 6,796 | 35,310 | 32,352 | 22,719 | 24,553 | 79,624 |
| TEX | 85,604 | 88,396 | 37,813 | 211,813 | 303,488 | 92,322 | 41,888 | 437,698 |
| UTAH | 1,044 | 2,998 | 48 | 4,090 | 7,389 | 5,658 | 78 | 13,125 |
| VT | 1,561 | 2,138 | 1,680 | 5,379 | 2,736 | 2,337 | 2,801 | 7,874 |
| VA | 8,218 | 14,574 | 17,186 | 39,978 | 19,187 | 15,261 | 19,045 | 53,493 |
| WASH | 6,196 | 11,242 | 3,782 | 21,220 | 93,197 | 17,528 | 8,931 | 119,656 |
| W VA | 1,751 | 2,937 | 1,784 | 6,472 | 3,329 | 3,769 | 3,801 | 10,899 |
| WISC | 13,218 | 32,181 | 12,266 | 57,665 | 71,040 | 44,846 | 164,207 | 280,093 |
| WYO | 424 | 1,129 | 7 | 1,560 | 8,644 | 2,473 | 154 | 11,271 |
| P R | 4,080 | 1,924 | 4,327 | 10,331 | 4,536 | 1,952 | 4,541 | 11,029 |
| TOTAL | 721,295 | 1,392,318 | 586,242 | 2,699,855 | 3,309,408 | 1,621,921 | 2,027,810 | 6,959,139 |

1/ THE SUMS OF INDIVIDUAL ITEMS MAY NOT EQUAL TOTALS DUE TO ROUNDING.

TABLE 9 -- PRIMARY PLANT NUTRIENT CONSUMPTION BY KIND OF FERTILIZER, YEARS ENDED JUNE 30, 1984 AND 1985 1/--CONTINUED

| STATE | JANUARY 1, TO JUNE 30, 1985 | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | MIXTURES | | | | MIXTURES AND DIRECT APPLICATION MATERIALS | | | |
| | N | AVAILABLE P 0 2 5 | K 0 2 | TOTAL | N | AVAILABLE P 0 2 5 | K 0 2 | TOTAL |
| | NUTRIENT TONS | | | | | | | |
| ALA | 36,522 | 55,076 | 59,799 | 151,397 | 121,158 | 59,398 | 72,517 | 253,073 |
| ALAS | 1,723 | 1,648 | 1,074 | 4,445 | 2,955 | 1,922 | 1,098 | 5,975 |
| ARIZ | 6,530 | 11,468 | 346 | 18,344 | 56,852 | 14,480 | 657 | 71,989 |
| ARK | 29,029 | 45,467 | 54,779 | 129,275 | 148,992 | 47,539 | 70,001 | 266,532 |
| CALIF | 51,485 | 71,665 | 31,055 | 154,205 | 381,713 | 93,227 | 43,249 | 518,189 |
| COLO | 8,249 | 16,430 | 1,607 | 26,286 | 105,730 | 21,338 | 10,101 | 137,169 |
| CONN | 3,458 | 2,744 | 2,755 | 8,957 | 5,108 | 3,030 | 4,067 | 12,205 |
| DEL | 4,637 | 6,345 | 8,285 | 19,267 | 14,826 | 6,812 | 13,701 | 35,339 |
| D C | 910 | 296 | 205 | 1,411 | 960 | 305 | 218 | 1,483 |
| FLA | 95,819 | 54,550 | 128,622 | 278,991 | 132,023 | 55,902 | 145,849 | 333,774 |
| GA | 56,660 | 89,034 | 129,018 | 274,712 | 219,534 | 92,548 | 148,102 | 460,184 |
| HAW | 5,700 | 4,120 | 7,115 | 16,935 | 9,216 | 4,763 | 9,024 | 23,003 |
| IDAHO | 14,342 | 31,576 | 528 | 46,446 | 121,007 | 40,288 | 8,351 | 169,646 |
| ILL | 98,147 | 235,594 | 71,976 | 405,717 | 788,769 | 268,713 | 360,085 | 1,417,567 |
| IND | 87,359 | 194,863 | 152,597 | 434,819 | 485,435 | 208,913 | 308,786 | 1,003,134 |
| IOWA | 72,145 | 179,099 | 63,996 | 315,240 | 856,328 | 188,788 | 243,708 | 1,288,824 |
| KANS | 25,704 | 70,785 | 3,926 | 100,415 | 336,486 | 74,818 | 22,922 | 434,226 |
| KY | 42,357 | 85,677 | 41,087 | 169,121 | 161,207 | 97,932 | 109,674 | 368,813 |
| LA | 30,465 | 39,960 | 45,857 | 116,282 | 121,965 | 42,383 | 57,236 | 221,584 |
| MAINE | 7,998 | 9,176 | 8,385 | 25,559 | 10,148 | 9,344 | 9,390 | 28,882 |
| MD | 16,639 | 26,134 | 26,869 | 69,642 | 43,173 | 28,893 | 34,005 | 106,071 |
| MASS | 5,985 | 4,030 | 4,330 | 14,345 | 7,488 | 4,320 | 6,449 | 18,257 |
| MICH | 46,559 | 101,650 | 54,005 | 202,214 | 192,649 | 107,635 | 133,576 | 433,860 |
| MINN | 59,786 | 147,059 | 32,281 | 239,126 | 417,749 | 156,890 | 202,135 | 776,774 |
| MISS | 23,010 | 42,324 | 47,059 | 112,393 | 122,613 | 48,255 | 65,389 | 236,257 |
| MO | 48,932 | 83,984 | 35,925 | 168,841 | 297,148 | 101,209 | 141,854 | 540,211 |
| MONT | 12,631 | 41,291 | 607 | 54,529 | 69,386 | 45,994 | 8,612 | 123,992 |
| NEBR | 41,283 | 107,025 | 9,371 | 157,679 | 597,145 | 112,546 | 34,083 | 743,774 |
| NEV | 619 | 663 | 230 | 1,512 | 3,561 | 1,834 | 237 | 5,632 |
| N H | 1,437 | 1,301 | 1,114 | 3,852 | 2,175 | 1,505 | 2,070 | 5,750 |
| N J | 14,104 | 12,633 | 12,462 | 39,199 | 21,321 | 13,181 | 15,688 | 50,190 |
| N MEX | 3,351 | 8,878 | 403 | 12,632 | 27,513 | 11,058 | 4,484 | 43,055 |
| N Y | 38,571 | 54,629 | 48,232 | 141,432 | 77,633 | 61,907 | 78,633 | 218,173 |
| N C | 73,503 | 101,896 | 161,875 | 337,274 | 214,570 | 105,040 | 187,443 | 507,053 |
| N DAK | 39,426 | 97,427 | 8,296 | 145,149 | 220,196 | 100,503 | 19,308 | 340,007 |
| OHIO | 52,464 | 124,847 | 61,308 | 238,619 | 293,833 | 140,372 | 198,584 | 632,789 |
| OKLA | 15,805 | 30,253 | 6,895 | 52,953 | 112,894 | 31,708 | 18,908 | 163,510 |
| OREG | 7,963 | 17,693 | 2,508 | 28,164 | 89,794 | 24,277 | 15,014 | 129,085 |
| PA | 28,912 | 41,029 | 32,015 | 101,956 | 52,331 | 42,550 | 39,931 | 134,812 |
| R I | 1,430 | 617 | 918 | 2,965 | 1,595 | 736 | 978 | 3,309 |
| S C | 23,314 | 34,494 | 64,964 | 122,772 | 83,072 | 35,890 | 76,203 | 195,165 |
| S DAK | 15,790 | 30,987 | 1,718 | 48,495 | 76,123 | 33,633 | 6,984 | 116,740 |
| TENN | 33,754 | 74,840 | 20,718 | 129,312 | 107,919 | 84,333 | 97,181 | 289,433 |
| TEX | 186,839 | 158,569 | 75,384 | 420,792 | 513,538 | 164,709 | 84,630 | 762,877 |
| UTAH | 2,072 | 5,928 | 90 | 8,090 | 21,863 | 11,666 | 180 | 33,709 |
| VT | 2,817 | 3,856 | 3,030 | 9,703 | 5,174 | 4,255 | 5,276 | 14,705 |
| VA | 37,368 | 49,204 | 63,226 | 149,798 | 77,722 | 50,363 | 71,332 | 199,417 |
| WASH | 17,170 | 30,783 | 10,491 | 58,444 | 128,393 | 40,392 | 30,753 | 199,538 |
| W VA | 4,476 | 7,725 | 4,729 | 16,930 | 9,435 | 9,145 | 9,460 | 28,040 |
| WISC | 36,360 | 84,922 | 32,249 | 153,531 | 202,030 | 103,375 | 246,847 | 552,252 |
| WYO | 1,275 | 3,461 | 11 | 4,747 | 16,680 | 5,444 | 375 | 22,499 |
| P R | 6,747 | 3,200 | 6,922 | 16,869 | 7,680 | 3,247 | 7,163 | 18,090 |
| TOTAL | 1,579,631 | 2,738,905 | 1,643,247 | 5,961,783 | 8,194,808 | 3,019,308 | 3,482,501 | 14,696,617 |

1/ THE SUMS OF INDIVIDUAL ITEMS MAY NOT EQUAL TOTALS DUE TO ROUNDING.

TABLE 9 -- PRIMARY PLANT NUTRIENT CONSUMPTION BY KIND OF FERTILIZER,
YEARS ENDED JUNE 30, 1984 AND 1985 1/--CONTINUED

| STATE | JULY 1, 1984 TO JUNE 30, 1985 | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | MIXTURES | | | | MIXTURES AND DIRECT APPLICATION MATERIALS | | | |
| | N | AVAILABLE P 0 2 5 | K 0 2 | TOTAL | N | AVAILABLE P 0 2 5 | K 0 2 | TOTAL |
| | NUTRIENT TONS | | | | | | | |
| ALA | 46,418 | 70,197 | 75,373 | 191,988 | 157,658 | 76,050 | 92,831 | 326,539 |
| ALAS | 1,723 | 1,648 | 1,074 | 4,445 | 2,955 | 1,922 | 1,098 | 5,975 |
| ARIZ | 10,741 | 20,095 | 488 | 31,324 | 87,907 | 26,969 | 1,122 | 115,998 |
| ARK | 34,111 | 55,698 | 64,714 | 154,523 | 207,881 | 58,809 | 81,947 | 348,637 |
| CALIF | 84,588 | 116,614 | 47,940 | 249,142 | 595,601 | 175,948 | 73,164 | 844,713 |
| COLO | 12,547 | 26,073 | 2,300 | 40,920 | 173,786 | 33,332 | 13,336 | 220,454 |
| CONN | 4,571 | 3,627 | 3,642 | 11,840 | 6,771 | 4,008 | 5,391 | 16,170 |
| DEL | 5,618 | 8,070 | 9,998 | 23,686 | 19,179 | 8,708 | 17,710 | 45,597 |
| D C | 1,470 | 478 | 331 | 2,279 | 1,550 | 493 | 354 | 2,397 |
| FLA | 157,457 | 91,952 | 212,487 | 461,896 | 212,993 | 95,219 | 238,427 | 546,639 |
| GA | 73,021 | 114,363 | 165,238 | 352,622 | 270,276 | 118,958 | 189,335 | 578,569 |
| HAW | 13,095 | 9,813 | 16,315 | 39,223 | 19,830 | 11,182 | 20,179 | 51,191 |
| IDAHO | 23,886 | 51,650 | 955 | 76,491 | 184,111 | 68,102 | 19,644 | 271,857 |
| ILL | 167,437 | 412,767 | 116,828 | 697,032 | 1,027,887 | 487,990 | 716,320 | 2,232,197 |
| IND | 107,658 | 250,033 | 206,983 | 564,674 | 564,946 | 275,982 | 465,551 | 1,306,479 |
| IOWA | 133,507 | 346,764 | 92,988 | 573,259 | 1,136,669 | 372,002 | 541,828 | 2,050,499 |
| KANS | 62,937 | 174,444 | 7,488 | 244,869 | 628,033 | 181,558 | 43,849 | 853,440 |
| KY | 50,543 | 104,747 | 46,259 | 201,549 | 189,456 | 121,562 | 141,870 | 452,888 |
| LA | 42,605 | 56,260 | 64,457 | 163,322 | 169,605 | 59,788 | 80,626 | 310,019 |
| MAINE | 10,118 | 11,616 | 10,635 | 32,369 | 12,803 | 11,829 | 11,900 | 36,532 |
| MD | 20,701 | 33,334 | 32,494 | 86,529 | 64,081 | 38,062 | 46,926 | 149,069 |
| MASS | 7,685 | 5,148 | 5,638 | 18,471 | 9,820 | 5,574 | 8,203 | 23,597 |
| MICH | 59,499 | 133,641 | 78,804 | 271,944 | 251,572 | 141,799 | 236,019 | 629,390 |
| MINN | 103,203 | 258,600 | 42,455 | 404,258 | 636,322 | 283,627 | 371,722 | 1,291,671 |
| MISS | 29,720 | 52,646 | 57,262 | 139,628 | 172,841 | 59,829 | 81,323 | 313,993 |
| MO | 67,379 | 122,624 | 47,466 | 237,469 | 366,251 | 146,344 | 214,902 | 727,497 |
| MONT | 20,699 | 69,221 | 1,149 | 91,069 | 108,497 | 75,707 | 12,456 | 196,660 |
| NEBR | 53,688 | 139,238 | 11,129 | 204,055 | 806,412 | 147,121 | 41,701 | 995,234 |
| NEV | 1,050 | 1,245 | 410 | 2,705 | 5,558 | 2,899 | 429 | 8,886 |
| N H | 2,043 | 1,898 | 1,626 | 5,567 | 2,856 | 2,154 | 3,037 | 8,047 |
| N J | 19,678 | 17,363 | 17,711 | 54,752 | 29,194 | 18,111 | 21,936 | 69,241 |
| N MEX | 4,540 | 11,425 | 568 | 16,533 | 40,647 | 13,829 | 5,121 | 59,597 |
| N Y | 47,503 | 66,263 | 60,508 | 174,274 | 104,746 | 76,130 | 104,001 | 284,877 |
| N C | 86,796 | 121,641 | 188,606 | 397,043 | 248,898 | 126,205 | 217,419 | 592,522 |
| N DAK | 48,019 | 121,675 | 9,358 | 179,052 | 271,876 | 126,708 | 25,670 | 424,254 |
| OHIO | 72,673 | 171,511 | 84,084 | 328,268 | 363,695 | 201,322 | 320,207 | 885,224 |
| OKLA | 44,824 | 100,312 | 11,378 | 156,514 | 280,068 | 103,535 | 35,106 | 418,709 |
| OREG | 15,718 | 29,450 | 4,697 | 49,865 | 144,074 | 39,886 | 24,290 | 208,250 |
| PA | 35,966 | 51,892 | 42,971 | 130,829 | 67,240 | 54,136 | 54,919 | 176,295 |
| R I | 1,857 | 802 | 1,193 | 3,852 | 2,094 | 973 | 1,280 | 4,347 |
| S C | 27,973 | 42,007 | 78,150 | 148,130 | 97,349 | 43,608 | 90,687 | 231,644 |
| S DAK | 25,751 | 52,793 | 2,800 | 81,344 | 123,896 | 57,465 | 13,279 | 194,640 |
| TENN | 42,690 | 94,418 | 27,514 | 164,622 | 140,271 | 107,052 | 121,734 | 369,057 |
| TEX | 272,443 | 246,965 | 113,197 | 632,605 | 817,026 | 257,031 | 126,518 | 1,200,575 |
| UTAH | 3,116 | 8,926 | 138 | 12,180 | 29,252 | 17,324 | 258 | 46,834 |
| VT | 4,378 | 5,994 | 4,710 | 15,082 | 7,910 | 6,592 | 8,077 | 22,579 |
| VA | 45,586 | 63,778 | 80,412 | 189,776 | 96,909 | 65,624 | 90,377 | 252,910 |
| WASH | 23,366 | 42,025 | 14,273 | 79,664 | 221,590 | 57,920 | 39,684 | 319,194 |
| W VA | 6,227 | 10,662 | 6,513 | 23,402 | 12,764 | 12,914 | 13,261 | 38,939 |
| WISC | 49,578 | 117,103 | 44,515 | 211,196 | 273,070 | 148,221 | 411,054 | 832,345 |
| WYO | 1,699 | 4,590 | 18 | 6,307 | 25,324 | 7,917 | 529 | 33,770 |
| P R | 10,827 | 5,124 | 11,249 | 27,200 | 12,216 | 5,199 | 11,704 | 29,119 |
| TOTAL | 2,300,926 | 4,131,223 | 2,229,489 | 8,661,638 | 11,504,216 | 4,641,229 | 5,510,311 | 21,655,756 |

1/ THE SUMS OF INDIVIDUAL ITEMS MAY NOT EQUAL TOTALS DUE TO ROUNDING.

TABLE 10 -- NITROGEN CONTENT OF DIRECT APPLICATION MATERIALS CONSUMED, YEAR ENDED JUNE 30, 1985

| STATE | AMMONIA | | AMMONIUM | | | | | AMMONIUM | | | | OTHER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ANHYDROUS | AQUA | NITRATE | SULFATE | NITROGEN SOLUTIONS | SODIUM NITRATE | UREA | NITRATE LIMESTONE | PHOSPHATE MATERIALS | NATURAL ORGANICS | NITROGEN MATERIALS |
| | NUTRIENT TONS | | | | | | | | | | |
| ALA | 9,983 | 0 | 58,458 | 1,735 | 36,060 | 147 | 3,158 | 40 | 1 | 103 | 1,555 |
| ALAS | 0 | 0 | 151 | 8 | 0 | 0 | 1,010 | 0 | 63 | 0 | 0 |
| ARIZ | 26,148 | 493 | 2,589 | 2,046 | 33,991 | 0 | 9,067 | 7 | 2,553 | 18 | 254 |
| ARK | 6,664 | 126 | 20,379 | 1,047 | 31,178 | 497 | 113,641 | 0 | 35 | 4 | 199 |
| CALIF | 123,257 | 66,966 | 25,416 | 36,728 | 180,476 | 1,539 | 37,573 | 405 | 16,839 | 315 | 21,499 |
| COLO | 102,598 | 46 | 10,931 | 2,382 | 24,967 | 1 | 16,214 | 0 | 1,950 | 132 | 2,018 |
| CONN | 0 | 0 | 35 | 10 | 22 | 1 | 1,910 | 0 | 13 | 128 | 81 |
| DEL | 568 | 0 | 725 | 1,146 | 10,739 | 0 | 366 | 4 | 0 | 12 | 1 |
| D C | 0 | 0 | 23 | 0 | 14 | 2 | 32 | 0 | 0 | 5 | 4 |
| FLA | 5,456 | 0 | 18,439 | 2,608 | 18,385 | 374 | 1,846 | 69 | 46 | 1,191 | 7,122 |
| GA | 14,140 | 46 | 32,669 | 1,467 | 138,493 | 398 | 3,672 | 9 | 11 | 286 | 6,064 |
| HAW | 0 | 159 | 0 | 97 | 3,853 | 0 | 1,082 | 0 | 3 | 0 | 1,541 |
| IDAHO | 43,041 | 792 | 28,488 | 19,830 | 24,546 | 0 | 31,090 | 0 | 4,707 | 0 | 7,731 |
| ILL | 579,086 | 1,235 | 15,106 | 1,396 | 211,429 | 0 | 51,232 | 0 | 1 | 63 | 902 |
| IND | 261,001 | 4,552 | 3,588 | 3,308 | 146,127 | 76 | 33,493 | 0 | 0 | 98 | 5,045 |
| IOWA | 695,248 | 1,077 | 14,724 | 2,426 | 229,234 | 0 | 59,890 | 0 | 0 | 0 | 563 |
| KANS | 368,082 | 232 | 37,215 | 1,622 | 103,336 | 0 | 54,441 | 0 | 147 | 18 | 3 |
| KY | 42,164 | 0 | 36,734 | 231 | 18,169 | 137 | 41,243 | 9 | 1 | 40 | 185 |
| LA | 21,295 | 141 | 29,313 | 2,768 | 32,992 | 116 | 39,161 | 0 | 6 | 65 | 1,143 |
| MAINE | 0 | 0 | 468 | 54 | 8 | 4 | 2,069 | 0 | 4 | 69 | 9 |
| MD | 8,610 | 0 | 2,867 | 568 | 25,228 | 202 | 3,572 | 0 | 1 | 40 | 2,292 |
| MASS | 11 | 0 | 92 | 3 | 317 | 2 | 1,280 | 0 | 6 | 118 | 306 |
| MICH | 96,945 | 8 | 3,705 | 2,175 | 45,565 | 28 | 40,160 | 0 | 1 | 292 | 3,194 |
| MINN | 354,594 | 31 | 9,956 | 2,252 | 64,216 | 0 | 100,345 | 24 | 1,317 | 0 | 384 |
| MISS | 36,258 | 0 | 47,968 | 0 | 25,836 | 92 | 32,967 | 0 | 0 | 0 | 0 |
| MO | 95,027 | 2 | 62,010 | 954 | 57,647 | 55 | 83,011 | 0 | 3 | 91 | 72 |
| MONT | 35,316 | 0 | 24,255 | 1,644 | 4,832 | 0 | 17,620 | 0 | 3,861 | 20 | 250 |
| NEBR | 544,865 | 1,033 | 18,443 | 4,233 | 157,405 | 0 | 25,818 | 0 | 674 | 11 | 242 |
| NEV | 102 | 0 | 150 | 1,084 | 1,269 | 0 | 910 | 0 | 655 | 19 | 319 |
| N H | 0 | 0 | 30 | 3 | 26 | 0 | 681 | 0 | 15 | 21 | 37 |
| N J | 538 | 0 | 1,066 | 137 | 4,239 | 82 | 2,465 | 6 | 5 | 460 | 518 |
| N MEX | 14,718 | 0 | 4,859 | 1,665 | 7,966 | 0 | 6,107 | 0 | 282 | 53 | 457 |
| N Y | 21,028 | 369 | 3,748 | 586 | 16,839 | 53 | 12,283 | 2 | 1,543 | 366 | 426 |
| N C | 10,698 | 0 | 13,806 | 1,163 | 128,913 | 2,922 | 2,480 | 0 | 5 | 200 | 1,915 |
| N DAK | 170,779 | 0 | 2,886 | 417 | 11,839 | 0 | 37,608 | 0 | 27 | 4 | 297 |
| OHIO | 118,223 | 0 | 2,644 | 3,827 | 119,061 | 17 | 45,327 | 8 | 0 | 50 | 1,865 |
| OKLA | 117,376 | 0 | 26,286 | 1,248 | 39,076 | 4 | 50,936 | 0 | 120 | 196 | 2 |
| OREG | 17,614 | 6,122 | 6,557 | 14,394 | 30,233 | 0 | 34,568 | 0 | 6,057 | 15 | 12,796 |
| PA | 2,048 | 141 | 876 | 1,292 | 15,655 | 0 | 10,840 | 0 | 8 | 96 | 318 |
| R I | 0 | 0 | 0 | 0 | 0 | 0 | 155 | 0 | 33 | 45 | 4 |
| S C | 1,874 | 0 | 8,037 | 594 | 55,567 | 671 | 908 | 0 | 50 | 122 | 1,553 |
| S DAK | 34,904 | 121 | 10,023 | 464 | 17,129 | 0 | 35,396 | 3 | 0 | 5 | 100 |
| TENN | 12,648 | 0 | 26,883 | 13 | 11,515 | 540 | 45,941 | 0 | 0 | 4 | 37 |
| TEX | 218,683 | 716 | 88,404 | 25,913 | 149,361 | 0 | 53,035 | 0 | 5,116 | 45 | 3,310 |
| UTAH | 7,380 | 0 | 11,450 | 2,173 | 1,468 | 0 | 3,215 | 19 | 292 | 6 | 133 |
| VT | 36 | 0 | 146 | 0 | 1,114 | 0 | 2,205 | 0 | 1 | 10 | 20 |
| VA | 763 | 0 | 3,921 | 812 | 41,486 | 294 | 3,030 | 0 | 1 | 335 | 681 |
| WASH | 64,201 | 35,446 | 13,973 | 8,600 | 40,383 | 0 | 12,906 | 0 | 7,562 | 310 | 14,843 |
| W VA | 71 | 0 | 798 | 120 | 2,158 | 17 | 3,009 | 0 | 1 | 39 | 324 |
| WISC | 99,132 | 2,843 | 10,572 | 2,862 | 62,954 | 0 | 44,481 | 0 | 19 | 11 | 618 |
| WYO | 7,092 | 0 | 8,873 | 95 | 2,542 | 0 | 4,530 | 298 | 52 | 0 | 143 |
| P R | 0 | 0 | 0 | 395 | 0 | 0 | 990 | 0 | 0 | 4 | 0 |
| TOTAL | 4,390,265 | 122,697 | 750,735 | 160,595 | 2,385,858 | 8,271 | 1,220,969 | 903 | 54,087 | 5,535 | 103,375 |

TABLE 11 -- AVAILABLE $P_2O_5$ CONTENT OF DIRECT APPLICATION MATERIALS CONSUMED, YEAR ENDED JUNE 30, 1985

| STATE | AMMONIUM PHOSPHATES 1/ | PHOSPHORIC SOLUTIONS | PHOSPHATE ROCK 2/ | SUPERPHOSPHATES | | NATURAL ORGANICS | OTHER PHOSPHATE MATERIALS |
|---|---|---|---|---|---|---|---|
| | | | | 22% & UNDER | OVER 22% | | |
| | NUTRIENT TONS | | | | | | |
| ALA | 1 | 0 | 0 | 481 | 5,123 | 49 | 199 |
| ALAS | 274 | 0 | 0 | 0 | 0 | 0 | 0 |
| ARIZ | 4,963 | 951 | 0 | 0 | 955 | 5 | 0 |
| ARK | 45 | 0 | 0 | 31 | 3,033 | 2 | 0 |
| CALIF | 41,455 | 4,898 | 8 | 1,621 | 11,010 | 288 | 54 |
| COLO | 3,574 | 22 | 0 | 1 | 3,035 | 94 | 533 |
| CONN | 33 | 0 | 0 | 4 | 221 | 95 | 28 |
| DEL | 0 | 0 | 0 | 0 | 630 | 8 | 0 |
| D C | 0 | 0 | 0 | 2 | 5 | 8 | 0 |
| FLA | 19 | 0 | 104 | 1,404 | 38 | 923 | 779 |
| GA | 6 | 156 | 0 | 811 | 2,404 | 206 | 1,012 |
| HAW | 0 | 0 | 8 | 0 | 194 | 0 | 1,167 |
| IDAHO | 5,884 | 3,428 | 0 | 0 | 7,072 | 0 | 68 |
| ILL | 0 | 0 | 2 | 30 | 71,554 | 21 | 3,616 |
| IND | 0 | 490 | 0 | 33 | 21,540 | 68 | 3,818 |
| IOWA | 0 | 2,141 | 14 | 112 | 22,932 | 0 | 39 |
| KANS | 226 | 273 | 16 | 188 | 6,405 | 6 | 0 |
| KY | 2 | 0 | 0 | 2 | 16,789 | 22 | 0 |
| LA | 8 | 156 | 0 | 1 | 3,040 | 26 | 297 |
| MAINE | 14 | 0 | 2 | 1 | 136 | 54 | 6 |
| MD | 4 | 513 | 0 | 38 | 4,156 | 17 | 0 |
| MASS | 0 | 0 | 0 | 3 | 243 | 94 | 86 |
| MICH | 0 | 27 | 17 | 5 | 7,782 | 257 | 70 |
| MINN | 3,664 | 1,672 | 21 | 6 | 19,655 | 0 | 9 |
| MISS | 0 | 0 | 0 | 0 | 6,724 | 0 | 459 |
| MO | 3 | 138 | 11 | 5 | 23,521 | 40 | 2 |
| MONT | 4,018 | 515 | 0 | 0 | 1,932 | 21 | 0 |
| NEBR | 843 | 0 | 0 | 212 | 6,125 | 12 | 691 |
| NEV | 926 | 2 | 0 | 1 | 708 | 17 | 0 |
| N H | 55 | 0 | 0 | 24 | 146 | 20 | 11 |
| N J | 2 | 0 | 2 | 8 | 391 | 305 | 40 |
| N MEX | 422 | 269 | 0 | 10 | 1,666 | 37 | 0 |
| N Y | 1,247 | 3 | 0 | 48 | 5,656 | 351 | 2,562 |
| N C | 0 | 0 | 1 | 143 | 4,206 | 162 | 52 |
| N DAK | 33 | 0 | 0 | 0 | 4,979 | 4 | 17 |
| OHIO | 0 | 397 | 0 | 25 | 28,249 | 45 | 1,095 |
| OKLA | 151 | 29 | 0 | 27 | 2,945 | 66 | 5 |
| OREG | 7,628 | 91 | 0 | 0 | 2,615 | 5 | 97 |
| PA | 0 | 0 | 0 | 0 | 2,020 | 32 | 192 |
| R I | 77 | 0 | 0 | 1 | 17 | 44 | 32 |
| S C | 216 | 0 | 0 | 203 | 1,068 | 86 | 28 |
| S DAK | 0 | 545 | 0 | 0 | 4,108 | 2 | 17 |
| TENN | 0 | 0 | 0 | 474 | 12,156 | 4 | 0 |
| TEX | 6,435 | 219 | 0 | 1,051 | 2,347 | 14 | 0 |
| UTAH | 776 | 0 | 0 | 0 | 7,620 | 2 | 0 |
| VT | 4 | 0 | 0 | 15 | 575 | 2 | 2 |
| VA | 2 | 0 | 5 | 11 | 1,500 | 269 | 59 |
| WASH | 7,811 | 1,533 | 0 | 465 | 2,786 | 211 | 3,089 |
| W VA | 0 | 0 | 0 | 0 | 2,052 | 22 | 178 |
| WISC | 34 | 71 | 57 | 7,620 | 23,151 | 9 | 176 |
| WYO | 66 | 1,355 | 0 | 0 | 1,906 | 0 | 0 |
| P R | 0 | 0 | 0 | 44 | 30 | 1 | 0 |
| TOTAL | 90,921 | 19,894 | 268 | 15,161 | 359,151 | 4,026 | 20,585 |

1/ TOTAL OF 11-48-0, 13-39-0, 16-20-0, 21-53-0 AND 27-14-0.
2/ INCLUDES COLLOIDAL PHOSPHATE.

TABLE 12 -- $K_2O$ CONTENT OF DIRECT APPLICATION MATERIALS CONSUMED,

*YEAR ENDED JUNE 30, 1985*

| STATE | POTASSIUM CHLORIDE | POTASSIUM MAGNESIUM SULFATE | POTASSIUM NITRATE | POTASSIUM-SODIUM NITRATE | POTASSIUM SULFATE | NATURAL ORGANICS | OTHER POTASSIUM MATERIALS |
|---|---|---|---|---|---|---|---|
| | NUTRIENT TONS | | | | | | |
| ALA | 15,279 | 440 | 0 | 465 | 0 | 46 | 1,228 |
| ALAS | 24 | 0 | 0 | 0 | 0 | 0 | 0 |
| ARIZ | 542 | 0 | 9 | 0 | 0 | 0 | 83 |
| ARK | 16,831 | 16 | 0 | 65 | 0 | 1 | 320 |
| CALIF | 15,019 | 601 | 506 | 0 | 6,059 | 252 | 2,787 |
| COLO | 8,832 | 829 | 23 | 0 | 1,005 | 164 | 183 |
| CONN | 1,582 | 2 | 17 | 0 | 1 | 135 | 12 |
| DEL | 7,696 | 0 | 0 | 0 | 0 | 16 | 0 |
| D C | 18 | 0 | 0 | 0 | 0 | 5 | 0 |
| FLA | 10,396 | 2,648 | 1,589 | 5,021 | 716 | 957 | 4,613 |
| GA | 17,111 | 2,203 | 43 | 1,126 | 136 | 341 | 3,137 |
| HAW | 222 | 19 | 51 | 0 | 641 | 0 | 2,931 |
| IDAHO | 17,178 | 1,511 | 0 | 0 | 0 | 0 | 0 |
| ILL | 596,680 | 530 | 0 | 0 | 2 | 0 | 2,280 |
| IND | 254,379 | 1,232 | 0 | 0 | 548 | 132 | 2,277 |
| IOWA | 446,705 | 372 | 0 | 0 | 403 | 0 | 1,360 |
| KANS | 36,361 | 0 | 0 | 0 | 0 | 0 | 0 |
| KY | 82,027 | 784 | 0 | 19 | 12,757 | 22 | 2 |
| LA | 14,429 | 0 | 0 | 2 | 0 | 26 | 1,712 |
| MAINE | 1,031 | 146 | 0 | 6 | 6 | 76 | 0 |
| MD | 13,737 | 422 | 108 | 38 | 11 | 18 | 98 |
| MASS | 2,213 | 124 | 15 | 23 | 9 | 62 | 119 |
| MICH | 155,444 | 1,254 | 32 | 1 | 292 | 158 | 34 |
| MINN | 325,364 | 2,328 | 0 | 0 | 860 | 0 | 715 |
| MISS | 24,061 | 0 | 0 | 0 | 0 | 0 | 0 |
| MO | 166,366 | 399 | 32 | 0 | 197 | 58 | 384 |
| MONT | 11,179 | 0 | 0 | 0 | 115 | 13 | 0 |
| NEBR | 24,289 | 4,410 | 0 | 0 | 30 | 7 | 1,836 |
| NEV | 0 | 0 | 0 | 0 | 1 | 10 | 8 |
| N H | 1,271 | 44 | 0 | 0 | 0 | 20 | 76 |
| N J | 3,609 | 51 | 28 | 35 | 6 | 476 | 20 |
| N MEX | 3,151 | 814 | 0 | 0 | 514 | 71 | 3 |
| N Y | 41,916 | 531 | 77 | 115 | 176 | 212 | 466 |
| N C | 22,918 | 582 | 191 | 1,148 | 1,962 | 234 | 1,778 |
| N DAK | 16,310 | 0 | 0 | 0 | 0 | 2 | 0 |
| OHIO | 234,425 | 532 | 83 | 0 | 338 | 24 | 721 |
| OKLA | 23,098 | 480 | 0 | 0 | 0 | 28 | 122 |
| OREG | 18,078 | 739 | 51 | 0 | 460 | 0 | 265 |
| PA | 11,830 | 73 | 17 | 0 | 28 | 0 | 0 |
| R I | 53 | 0 | 0 | 0 | 0 | 34 | 0 |
| S C | 8,381 | 181 | 77 | 485 | 119 | 165 | 3,129 |
| S DAK | 10,391 | 0 | 0 | 0 | 25 | 0 | 63 |
| TENN | 92,125 | 0 | 0 | 0 | 2,091 | 4 | 0 |
| TEX | 11,206 | 1,406 | 0 | 94 | 0 | 0 | 615 |
| UTAH | 120 | 0 | 0 | 0 | 0 | 0 | 0 |
| VT | 3,345 | 2 | 0 | 0 | 2 | 5 | 13 |
| VA | 9,312 | 75 | 15 | 124 | 85 | 199 | 155 |
| WASH | 22,493 | 493 | 0 | 0 | 473 | 402 | 1,550 |
| W VA | 6,727 | 0 | 0 | 1 | 0 | 18 | 2 |
| WISC | 360,921 | 3,107 | 3 | 3 | 930 | 4 | 1,571 |
| WYO | 466 | 45 | 0 | 0 | 0 | 0 | 0 |
| P R | 108 | 25 | 0 | 0 | 322 | 0 | 0 |
| TOTAL | 3,167,249 | 29,450 | 2,967 | 8,771 | 31,320 | 4,397 | 36,668 |

TABLE 13 -- CONSUMPTION OF 15 PRINCIPAL GRADES IN EACH STATE,
YEAR ENDED JUNE 30, 1984 1/

| STATE | | RANK | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ALA | ANAL | 13-13-13 | 8-24-24 | 5-10-15 | 5-15-30 | 8- 8- 8 | 3- 9-18 | 0-20-20 | 4-12-24 | 4-12-12 | 3-10-20 | 0-24-24 | 18-46- 0 | 5-20-20 | 10-10-10 | 0-15-30 |
| | TONS | 151,836 | 43,784 | 29,915 | 28,824 | 25,318 | 17,899 | 17,848 | 9,649 | 8,956 | 8,380 | 8,122 | 7,099 | 5,096 | 4,017 | 4,011 |
| ARIZ | ANAL | 10-34- 0 | 18-18- 0 | 18-46- 0 | 11-53- 0 | 16- 8- 4 | 21- 7-14 | 10-10- 5 | 17-17-17 | | | | | | | |
| | TONS | 20,984 | 14,782 | 14,470 | 6,247 | 1,452 | 517 | 292 | 156 | | | | | | | |
| ARK | ANAL | 13-13-13 | 0-26-26 | 8-24-24 | 5-15-30 | 0-18-36 | 10-20-20 | 0-24-24 | 19-19-19 | 10-20-10 | 18-46- 0 | 0-17-34 | 4-12-24 | 6-24-24 | 0-15-30 | 6-18-36 |
| | TONS | 59,727 | 18,536 | 16,898 | 16,412 | 15,114 | 14,533 | 14,060 | 13,925 | 13,484 | 12,821 | 11,456 | 9,437 | 8,359 | 7,404 | 6,534 |
| CALIF | ANAL | 10-34- 0 | 4-10-10 | 20-10- 0 | 16- 6- 8 | 12-12-12 | 8-24- 6 | 15-15-15 | 16-16-16 | 18-46- 0 | 21- 7-14 | 11-53- 0 | 6-20-20 | 8-24- 0 | 2- 2- 2 | 3-10-10 |
| | TONS | 75,461 | 29,120 | 27,197 | 26,236 | 26,020 | 23,252 | 20,799 | 20,041 | 18,355 | 16,280 | 16,071 | 15,201 | 12,707 | 12,498 | 12,110 |
| COLO | ANAL | 18-46- 0 | 10-34- 0 | 8-20- 6 | 11-52- 0 | 7-21- 7 | 7-21- 1 | 12-12-12 | 10-34- 1 | 20- 7- 5 | 4-10-10 | 26- 3- 3 | 30-10- 0 | 4- 6- 4 | 9-18- 9 | 20-20-10 |
| | TONS | 34,069 | 18,967 | 4,086 | 3,986 | 2,170 | 1,911 | 1,864 | 1,757 | 1,619 | 1,359 | 1,353 | 1,286 | 919 | 865 | 849 |
| CONN | ANAL | 10-10-10 | 10- 6- 4 | 15-10-10 | 18-46- 0 | 5-10- 5 | 27- 3- 3 | 5-10-10 | 15- 8-12 | 15-15-15 | 26- 3- 3 | 20-10-10 | 10-20-10 | 10-20-20 | 25- 3- 3 | 25- 5-10 |
| | TONS | 5,701 | 1,902 | 1,446 | 1,388 | 1,382 | 1,233 | 1,046 | 889 | 716 | 519 | 394 | 381 | 360 | 336 | 184 |
| DEL | ANAL | 10-10-10 | 18-46- 0 | 3-15-30 | 13-10-22 | 10-20-20 | 9-15-30 | 15-10-22 | 10-34- 0 | 15-15-15 | 3-10-30 | 8-10-10 | 7- 0-40 | 5-10-10 | 5-15-30 | 10-20-30 |
| | TONS | 7,434 | 4,483 | 3,963 | 3,912 | 3,262 | 2,859 | 2,490 | 2,381 | 2,038 | 1,828 | 1,562 | 1,442 | 1,071 | 973 | 931 |
| FLA | ANAL | 6- 6- 6 | 16- 4- 8 | 10-10-10 | 16- 0-16 | 12- 0-12 | 6- 8- 8 | 20- 5-10 | 13-13-13 | 14- 0-14 | 8- 8- 8 | 5-10-15 | 16- 8- 8 | 12- 2-12 | 12- 2-15 | 14- 2-14 |
| | TONS | 81,449 | 46,453 | 40,113 | 39,586 | 37,222 | 32,461 | 29,329 | 27,076 | 21,745 | 20,353 | 19,337 | 18,889 | 18,672 | 15,642 | 15,473 |
| GA | ANAL | 5-10-15 | 3- 9-18 | 10-10-10 | 10-34- 0 | 4- 8-12 | 0-10-20 | 0- 7-28 | 4-12-24 | 13-13-13 | 14- 7-14 | 10-20-30 | 3- 9-27 | 0-14-14 | 4- 8-24 | 8- 8- 8 |
| | TONS | 243,374 | 98,955 | 41,688 | 25,397 | 23,635 | 20,984 | 19,717 | 17,175 | 15,419 | 14,163 | 14,030 | 12,276 | 10,331 | 10,216 | 9,724 |
| IDAHO | ANAL | 18-46- 0 | 30- 0- 1 | 10-34- 0 | 11-55- 0 | 27-12- 0 | 16-16-16 | | | | | | | | | |
| | TONS | 55,129 | 9,559 | 6,387 | 4,279 | 4,009 | 1,777 | | | | | | | | | |
| ILL | ANAL | 18-46- 0 | 3-10-30 | 10-34- 0 | 6-24-24 | 5-20-35 | 3- 9-12 | 4-14-20 | 9-23-30 | 11-52- 0 | 5-15-20 | 6-18- 6 | 5-17-21 | 10-30- 0 | 4-10-10 | 4-12-24 |
| | TONS | 645,432 | 118,851 | 42,511 | 27,320 | 27,226 | 21,500 | 21,111 | 19,181 | 17,911 | 16,815 | 14,647 | 12,605 | 12,408 | 12,337 | 12,083 |
| IND | ANAL | 10-34- 0 | 18-46- 0 | 6-24-24 | 3-10-30 | 9-23-30 | 6-15-40 | 0-15-40 | 4-10-10 | 7-22- 5 | 7-23- 5 | 19-19-19 | 6-26-26 | 3-10-10 | 5-20-35 | 8-32-16 |
| | TONS | 148,986 | 112,653 | 85,995 | 79,826 | 43,292 | 41,648 | 37,408 | 35,575 | 32,199 | 27,159 | 16,705 | 13,583 | 10,831 | 10,225 | 9,888 |
| IOWA | ANAL | 18-46- 0 | 3-10-30 | 10-34- 0 | 11-52- 0 | 7-23- 5 | 20-10-10 | 7-21- 7 | 6-24-24 | 9-23-30 | 4-13-26 | 2- 6-35 | 9-18- 9 | 8-32-16 | 10-20-20 | 10-30- 0 |
| | TONS | 503,250 | 95,028 | 67,095 | 51,477 | 25,427 | 25,298 | 22,197 | 19,986 | 17,756 | 14,679 | 14,232 | 13,488 | 11,673 | 10,790 | 9,522 |
| KANS | ANAL | 18-46- 0 | 10-34- 0 | 11-52- 0 | 11-53- 0 | 10-30- 0 | 8-32-16 | 12- 6- 6 | 16-20- 6 | 10-10-10 | 9-18- 9 | 6-24-24 | 4-10-10 | 10-20-10 | 7-21- 7 | 1- 1- 1 |
| | TONS | 216,997 | 62,975 | 56,360 | 13,407 | 12,591 | 8,627 | 6,662 | 5,078 | 4,988 | 4,600 | 3,948 | 3,605 | 3,578 | 2,883 | 2,601 |
| KY | ANAL | 18-46- 0 | 5-10-15 | 10-10-10 | 6-24-24 | 15-15-15 | 9-23-30 | 5-20-20 | 19-19-19 | 0-23-30 | 6-12-18 | 4-16- 4 | 3- 9-27 | 12-12-12 | 6-12-12 | 8-10-15 |
| | TONS | 124,481 | 65,464 | 57,118 | 19,006 | 17,337 | 17,077 | 12,942 | 8,008 | 6,218 | 5,558 | 4,222 | 3,396 | 3,339 | 3,254 | 3,118 |
| LA | ANAL | 13-13-13 | 0-17-34 | 8-24-24 | 0-24-24 | 12- 6-10 | 18- 6-12 | 14- 8- 8 | 0-18-36 | 8- 8- 8 | 17-17-17 | 0-26-26 | 10-10-10 | 16-16-16 | 18-46- 0 | 15-15-15 |
| | TONS | 39,941 | 21,506 | 20,120 | 14,974 | 13,104 | 12,138 | 11,964 | 11,752 | 9,038 | 7,985 | 6,540 | 6,447 | 6,358 | 6,306 | 6,120 |
| MAINE | ANAL | 14-14-14 | 10-15-15 | 15-15-15 | 12-15-15 | 18-46- 0 | 10-10-10 | 12-12-12 | 15- 8-12 | 5-10-10 | 5-10- 5 | 10-20-20 | | | | |
| | TONS | 25,651 | 15,669 | 8,035 | 4,237 | 2,938 | 2,904 | 2,723 | 2,364 | 1,468 | 522 | 495 | | | | |
| MD | ANAL | 10-20-20 | 10-10-10 | 18-46- 0 | 10-20-30 | 8-16-24 | 5-10-30 | 10-34- 0 | 15-10-10 | 13-10-22 | 5-10-10 | 5-10- 5 | 15-15-15 | 10- 6- 4 | 14- 8- 8 | 11-52- 0 |
| | TONS | 19,798 | 16,872 | 9,670 | 5,850 | 5,790 | 5,330 | 5,158 | 4,365 | 4,253 | 3,586 | 3,226 | 2,813 | 2,570 | 2,424 | 2,274 |
| MASS | ANAL | 10-10-10 | 27- 3- 3 | 5-10-10 | 15-15-15 | 10- 6- 4 | 10-20-10 | 24- 4-12 | 26- 3- 3 | 5-10- 5 | 15- 8-12 | 10-20-20 | 8-10-10 | 18-46- 0 | 14-14-14 | 25- 3- 3 |
| | TONS | 5,869 | 2,660 | 1,981 | 1,836 | 1,602 | 1,545 | 1,539 | 1,289 | 1,079 | 1,057 | 783 | 734 | 722 | 714 | 514 |
| MICH | ANAL | 6-24-24 | 18-46- 0 | 10-34- 0 | 19-19-19 | 8-32-16 | 16-16-16 | 12-12-12 | 8-25- 3 | 11-52- 0 | 10-10-30 | 9-23-30 | 15-15-15 | 6-26-26 | 13-13-13 | 10-20-10 |
| | TONS | 113,271 | 68,541 | 29,153 | 27,458 | 25,703 | 23,560 | 19,824 | 19,640 | 15,843 | 13,078 | 11,158 | 10,571 | 10,515 | 10,266 | 8,726 |
| MINN | ANAL | 18-46- 0 | 10-34- 0 | 3-10-30 | 9-23-30 | 11-52- 0 | 7-23- 5 | 7-21- 7 | 9-18- 9 | 10-26-26 | 5-14-42 | 6-24-24 | 11-53- 0 | 4-10-10 | 20-10-10 | 19-19-19 |
| | TONS | 361,166 | 41,952 | 37,024 | 24,270 | 22,933 | 14,580 | 11,528 | 8,842 | 7,574 | 6,293 | 6,214 | 6,059 | 5,773 | 4,115 | 3,504 |
| MISS | ANAL | 13-13-13 | 8-24-24 | 5-15-30 | 0-17-34 | 0-24-24 | 0-20-20 | 8- 8- 8 | 0-15-30 | 18-46- 0 | 3- 9-18 | 4-12-24 | 15-10-10 | 20-10-10 | 0-18-36 | 17-17-17 |
| | TONS | 129,615 | 40,347 | 35,927 | 27,177 | 20,743 | 20,638 | 19,236 | 17,568 | 15,427 | 5,870 | 3,837 | 3,130 | 2,452 | 2,440 | 2,353 |
| MO | ANAL | 18-46- 0 | 9-23-30 | 6-24-24 | 19-19-19 | 13-13-13 | 17-17-17 | 3-10-30 | 12-12-12 | 20-10-10 | 27-13-13 | 11-53- 0 | 3- 9-27 | 0-18-36 | 10-26-26 | 10-34- 0 |
| | TONS | 111,861 | 31,017 | 30,151 | 27,448 | 24,247 | 21,493 | 19,616 | 15,990 | 12,485 | 9,309 | 7,101 | 6,773 | 6,552 | 6,202 | 6,112 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MONT | ANAL | 11-52- 0 | 18-46- 0 | 10-34- 0 | 23-23- 0 | 16-16-16 | 6-27-13 | 30-10- 0 | 4-35- 3 | 25-16- 0 | 22-11- 0 | 17-26- 0 | 8-10- 4 | 25-12-10 | 20-10-10 | |
| | TONS | 89,653 | 58,264 | 13,627 | 2,338 | 1,762 | 1,059 | 1,016 | 841 | 838 | 838 | 838 | 838 | 705 | 705 | |
| NEBR | ANAL | 10-34- 0 | 18-46- 0 | 11-52- 0 | 7-21- 7 | 8-20- 5 | 8-30- 8 | 10-30- 0 | 10-30- 5 | 8-20- 6 | 0-22-10 | 11-53- 0 | 9-18- 9 | 8-32- 8 | 20-10- 5 | 7-22- 5 |
| | TONS | 126,549 | 114,392 | 22,332 | 19,597 | 9,991 | 9,740 | 8,960 | 8,789 | 8,727 | 7,598 | 6,211 | 5,843 | 5,519 | 5,190 | 4,234 |
| NEV | ANAL | 16- 6- 8 | 10-34- 0 | 19- 9- 0 | 11-52- 0 | 18-46- 0 | 1- 2- 0 | 16-20-20 | 27-12- 0 | 6-20-20 | 12-12-12 | 22- 3- 3 | 27- 3- 3 | 28- 3- 5 | | |
| | TONS | 1,122 | 470 | 401 | 324 | 241 | 175 | 144 | 135 | 132 | 131 | 123 | 118 | 108 | | |
| N H | ANAL | 15- 8-12 | 10-10-10 | 18-46- 0 | 10-20-10 | 5-10-10 | 27- 3- 3 | 15-15-15 | 10-20-20 | 5-20-20 | 10- 6- 4 | 5-10- 5 | 0-10-40 | 25- 3- 3 | 8-16-16 | |
| | TONS | 1,737 | 1,556 | 1,058 | 952 | 775 | 682 | 666 | 545 | 317 | 295 | 280 | 212 | 167 | 137 | |
| N J | ANAL | 10-10-10 | 10- 6- 4 | 15-15-15 | 10-20-20 | 5-10-10 | 16- 8- 8 | 5-10- 5 | 3- 9-12 | 14- 7- 7 | 9- 9- 9 | 18-46- 0 | 27- 3- 3 | 26- 3- 3 | 3-10-30 | 12-12-12 |
| | TONS | 33,802 | 9,092 | 9,079 | 8,840 | 8,243 | 7,892 | 3,472 | 3,460 | 3,258 | 3,129 | 3,108 | 3,093 | 2,382 | 1,970 | 1,865 |
| N MEX | ANAL | 18-46- 0 | 11-52- 0 | 10-34- 0 | 11-53- 0 | 16- 8- 8 | 25- 3- 3 | 27- 3- 3 | 4-10-10 | 10-30- 5 | 10-25- 2 | 10-30- 7 | 12-30- 8 | 12- 6- 6 | 10-25- 0 | 8- 8- 8 |
| | TONS | 8,799 | 4,507 | 3,151 | 1,188 | 832 | 790 | 659 | 600 | 550 | 423 | 341 | 296 | 292 | 281 | 260 |
| N Y | ANAL | 15-15-15 | 10-20-20 | 6-24-24 | 10-20-10 | 18-46- 0 | 10- 6- 4 | 10-10-10 | 8-16- 8 | 0-10-40 | 5-10- 5 | 10-34- 0 | 6-12- 6 | 7-21- 7 | 5-20-20 | 14-14-14 |
| | TONS | 70,654 | 49,334 | 21,647 | 21,247 | 12,589 | 10,928 | 10,403 | 10,357 | 9,940 | 7,688 | 5,699 | 5,247 | 4,829 | 4,310 | 4,174 |
| N C | ANAL | 10-10-10 | 5-10-30 | 3- 9- 9 | 6- 6-18 | 10-20-20 | 5-10-10 | 8- 8- 8 | 3- 9-18 | 2- 6-12 | 5- 5-25 | 17-17-17 | 4- 8-12 | 6-12-18 | 10-10-20 | 6- 6-36 |
| | TONS | 128,559 | 96,889 | 63,654 | 48,175 | 46,138 | 45,357 | 37,991 | 31,885 | 31,233 | 27,631 | 27,536 | 23,790 | 21,441 | 14,117 | 13,494 |
| N DAK | ANAL | 18-46- 0 | 11-52- 0 | 10-34- 0 | 15-38-10 | 11-53- 0 | 10-26-26 | 11-55- 0 | 14-34-12 | 8-32-16 | 9-18- 9 | 28-29- 0 | 4-10-10 | 12-36-12 | 25-25- 0 | 35-18- 0 |
| | TONS | 133,241 | 26,144 | 25,501 | 7,097 | 4,720 | 3,353 | 2,855 | 2,408 | 2,379 | 2,368 | 2,078 | 1,893 | 1,708 | 1,688 | 1,432 |
| OHIO | ANAL | 18-46- 0 | 6-24-24 | 10-34- 0 | 8-25- 3 | 11-52- 0 | 4-10-10 | 8-32-16 | 14-14-14 | 6-26-26 | 12-12-12 | 16-16-16 | 9-23-30 | 13-13-13 | 7-22- 5 | 19-19-19 |
| | TONS | 156,871 | 79,474 | 43,908 | 19,104 | 17,032 | 16,006 | 15,141 | 14,954 | 14,875 | 14,673 | 14,493 | 14,469 | 13,171 | 13,146 | 12,779 |
| OKLA | ANAL | 18-46- 0 | 10-20-10 | 13-13-13 | 14-14-14 | 10-34- 0 | 6-24-24 | 16-20- 6 | 11-52- 0 | 20-10-10 | 10-20-30 | 15-10- 5 | 15-30-10 | 20- 5- 5 | 16- 6-12 | 14-14-10 |
| | TONS | 151,883 | 27,507 | 18,005 | 9,338 | 8,787 | 5,943 | 5,854 | 5,507 | 4,655 | 3,539 | 3,289 | 2,603 | 2,456 | 1,802 | 1,653 |
| ORE | ANAL | 10-34- 0 | 11-52- 0 | 16-16-16 | 18-46- 0 | 27-12- 0 | 11-55- 0 | 11-53- 0 | 11-51- 0 | 10-20-20 | 20-10-10 | 12-12-12 | 14-14-14 | 12-15-15 | 15-25- 9 | 15-20- 8 |
| | TONS | 14,962 | 12,581 | 10,560 | 6,931 | 6,652 | 6,348 | 4,381 | 3,798 | 3,360 | 2,846 | 2,061 | 1,757 | 1,120 | 660 | 559 |
| PA | ANAL | 10-20-20 | 10-10-10 | 10-20-10 | 15-15-15 | 5-10-10 | 20-10-10 | 18-46- 0 | 16- 8- 8 | 10-30-10 | 8-24- 8 | 8-32-16 | 19-19-19 | 7-21- 6 | 6-24-24 | 0-15-30 |
| | TONS | 56,037 | 35,741 | 17,662 | 15,010 | 12,714 | 11,267 | 8,495 | 8,425 | 6,513 | 6,063 | 5,475 | 5,207 | 4,963 | 4,379 | 4,166 |
| R I | ANAL | 10-10-10 | 10-15-15 | 5-10-10 | 10- 6- 4 | 15- 8-12 | 5-10- 5 | 10-20-20 | | | | | | | | |
| | TONS | 1,286 | 801 | 747 | 635 | 480 | 251 | 185 | | | | | | | | |
| S C | ANAL | 10-10-10 | 3- 9-18 | 0-10-30 | 5-10-30 | 0- 9-27 | 5-10-10 | 3- 9- 9 | 6- 6-18 | 17-17-17 | 4- 8-24 | 2- 6-12 | 0- 7-28 | 10-34- 0 | 0-10-20 | 5-10-15 |
| | TONS | 48,582 | 27,839 | 23,993 | 22,697 | 20,573 | 16,361 | 15,119 | 14,403 | 13,754 | 8,494 | 7,629 | 6,280 | 5,957 | 5,796 | 5,645 |
| S DAK | ANAL | 18-46- 0 | 10-34- 0 | 7-21- 7 | 20-10-10 | 11-52- 0 | 34-17- 0 | 28-28- 0 | 6-21- 7 | 20-20-10 | 8-20- 5 | 29-14- 0 | 11-53- 0 | 4-10-10 | 11-55- 0 | 25-25- 0 |
| | TONS | 83,254 | 11,854 | 4,084 | 3,061 | 3,001 | 2,538 | 2,478 | 2,166 | 1,566 | 1,541 | 1,370 | 1,307 | 1,269 | 1,080 | 1,061 |
| TENN | ANAL | 18-46- 0 | 6-12-12 | 15-15-15 | 10-10-10 | 5-10-15 | 13-13-13 | 12-24-24 | 8-24-24 | 5-20-20 | 10-20-20 | 6-24-24 | 19-19-19 | 9-23-30 | 12-12-12 | 0-20-20 |
| | TONS | 129,914 | 28,763 | 22,095 | 17,921 | 16,478 | 14,566 | 10,367 | 8,157 | 5,770 | 4,473 | 3,744 | 2,916 | 2,449 | 2,119 | 2,081 |
| TEX | ANAL | 16- 6-12 | 18-46- 0 | 10-34- 0 | 20-10- 0 | 13-13-13 | 24- 8- 0 | 17-17-17 | 21- 7- 3 | 21- 8-17 | 15-15-15 | 12-12-12 | 25- 5- 0 | 18-10- 5 | 10-20-10 | 12-24-12 |
| | TONS | 92,302 | 91,890 | 73,087 | 67,343 | 66,030 | 47,133 | 45,197 | 29,018 | 27,205 | 26,615 | 25,087 | 20,921 | 19,312 | 18,328 | 18,114 |
| UTAH | ANAL | 18-46- 0 | 10-34- 0 | 11-52- 0 | 30-10- 0 | | | | | | | | | | | |
| | TONS | 2,700 | 2,000 | 1,800 | 1,000 | | | | | | | | | | | |
| VT | ANAL | 15- 8-12 | 15-15-15 | 18-46- 0 | 10-20-20 | 0-10-40 | 8-12-12 | 10-20-10 | 15-10-10 | 10-10-10 | 17-17-17 | 5-10-10 | 10-34- 0 | 12-24-12 | 6-24-24 | 20-10-10 |
| | TONS | 5,000 | 3,100 | 2,000 | 1,680 | 1,350 | 1,283 | 1,250 | 1,209 | 923 | 850 | 665 | 500 | 496 | 469 | 414 |
| VA | ANAL | 10-10-10 | 5-10-10 | 2- 6-12 | 10-20-20 | 3- 9-18 | 19-19-19 | 8- 8- 8 | 6-18-36 | 6-12-18 | 5-10-15 | 3- 9- 9 | 12-24-24 | 5-10-30 | 18-46- 0 | 4-12-24 |
| | TONS | 69,897 | 26,621 | 25,866 | 18,903 | 17,545 | 16,586 | 13,065 | 12,214 | 10,131 | 9,209 | 8,810 | 8,479 | 8,394 | 8,228 | 4,363 |
| WASH | ANAL | 10-34- 0 | 18-46- 0 | 11-55- 0 | 11-53- 0 | 16-16-16 | 11-51- 0 | 20-10-10 | 10-20-20 | 27-12- 0 | 11-52- 0 | 21- 3- 5 | 5-10-10 | 9- 3- 6 | 15- 5-10 | 26- 3- 3 |
| | TONS | 17,570 | 16,640 | 14,618 | 11,041 | 10,835 | 3,909 | 2,025 | 1,781 | 1,318 | 1,073 | 1,014 | 778 | 726 | 219 | 211 |
| W VA | ANAL | 18-46- 0 | 10-20-20 | 10-10-10 | 12-12-12 | 5-10-10 | 5-10-15 | 6-24-24 | 19-19-19 | 10-20-10 | 27- 3- 3 | 15-15-15 | 13-13-13 | 16- 8- 8 | 16-16-16 | 8-32-16 |
| | TONS | 7,862 | 6,489 | 5,653 | 2,602 | 2,282 | 1,328 | 1,102 | 1,069 | 814 | 579 | 577 | 463 | 435 | 401 | 295 |
| WIS | ANAL | 18-46- 0 | 9-23-30 | 10-34- 0 | 6-24-24 | 3-10-30 | 7-23- 5 | 9-18- 9 | 10-20-20 | 3- 8-43 | 1- 1- 1 | 4-10-10 | 0-14-42 | 5-23-27 | 2- 1- 1 | 5-21-25 |
| | TONS | 140,484 | 34,862 | 20,204 | 19,170 | 10,489 | 9,667 | 7,535 | 6,807 | 6,730 | 6,307 | 5,772 | 5,113 | 4,920 | 4,662 | 4,558 |
| WYO | ANAL | 18-46- 0 | 11-52- 0 | 10-34- 0 | 30-10- 0 | | | | | | | | | | | |
| | TONS | 8,243 | 2,687 | 1,126 | 272 | | | | | | | | | | | |

1/ EXCLUDES ALASKA, DISTRICT OF COLUMBIA, HAWAII, PUERTO RICO AND CONFIDENTIAL ANALYSES.

TABLE 14 -- CONSUMPTION OF 15 PRINCIPAL GRADES IN EACH STATE,
YEAR ENDED JUNE 30, 1985 1/

| STATE | | RANK | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ALA | ANAL | 13-13-13 | 8-24-24 | 5-10-15 | 8- 8- 8 | 5-15-30 | 0-20-20 | 3- 9-18 | 4-12-24 | 18-46- 0 | 0-24-24 | 4-12-12 | 5-20-20 | 10-10-10 | 3-10-20 | 15-10-10 |
| | TONS | 150,188 | 45,839 | 23,416 | 22,676 | 22,099 | 13,629 | 10,729 | 9,550 | 8,224 | 6,422 | 5,269 | 4,955 | 4,395 | 4,049 | 3,959 |
| ARIZ | ANAL | 10-34- 0 | 18-46- 0 | 11-53- 0 | 16- 8- 4 | 18-18- 0 | 10- 4- 8 | 15-15-15 | 6-10- 4 | 15- 8- 4 | | | | | | |
| | TONS | 17,131 | 14,091 | 8,264 | 2,156 | 2,104 | 247 | 174 | 154 | 124 | | | | | | |
| ARK | ANAL | 13-13-13 | 0-26-26 | 19-19-19 | 0-18-36 | 10-20-20 | 5-15-30 | 18-46- 0 | 4-12-24 | 0-24-24 | 10-20-10 | 0-17-34 | 8-24-24 | 0-15-30 | 17-17-17 | 6-18-18 |
| | TONS | 53,264 | 16,546 | 15,239 | 14,565 | 13,022 | 11,946 | 11,387 | 9,859 | 9,409 | 9,207 | 9,084 | 8,257 | 6,883 | 6,565 | 6,532 |
| CALIF | ANAL | 10-34- 0 | 4-10-10 | 16- 6- 8 | 11-53- 0 | 12-12-12 | 16-16-16 | 8-24- 6 | 15-15-15 | 20-10- 0 | 18-46- 0 | 6-20-20 | 21- 7-14 | 3-10-10 | 19- 9- 0 | 20- 0- 8 |
| | TONS | 68,736 | 30,721 | 29,681 | 25,725 | 22,948 | 20,914 | 19,539 | 19,289 | 18,730 | 17,928 | 16,201 | 14,751 | 12,599 | 12,562 | 11,585 |
| COLO | ANAL | 10-34- 0 | 18-46- 0 | 8-20- 6 | 12-12-12 | 11-52- 0 | 4- 6- 4 | 10- 5- 5 | 20-10- 5 | 22- 3- 3 | 27- 3- 3 | 25- 4- 4 | 7-21- 7 | 4-10-10 | 3-10-10 | |
| | TONS | 26,962 | 20,736 | 3,903 | 3,874 | 3,833 | 1,260 | 1,219 | 1,209 | 1,008 | 929 | 717 | 686 | 669 | 617 | |
| DEL | ANAL | 10-10-10 | 18-46- 0 | 9-15-30 | 13-10-22 | 10-34- 0 | 3-15-30 | 10-20-20 | 3-10-30 | 15-15-15 | 7- 0-40 | 15-10-22 | 5-10-10 | 8-10-10 | 5-15-30 | 10- 2-18 |
| | TONS | 7,274 | 4,334 | 3,279 | 2,617 | 2,309 | 2,160 | 2,039 | 1,487 | 1,425 | 1,259 | 1,251 | 1,053 | 1,013 | 991 | 921 |
| FLA | ANAL | 6- 6- 6 | 16- 4- 8 | 10-10-10 | 16- 0-16 | 20- 5-10 | 6- 8- 8 | 13-13-13 | 12- 0-12 | 16- 8- 8 | 8- 8- 8 | 12- 4-12 | 16- 2-16 | 8- 0- 8 | 5-10-15 | 15- 2-15 |
| | TONS | 69,221 | 43,516 | 36,953 | 28,293 | 27,437 | 26,115 | 25,547 | 22,034 | 17,505 | 17,233 | 17,203 | 16,954 | 16,212 | 15,858 | 14,883 |
| GA | ANAL | 5-10-15 | 3- 9-18 | 10-10-10 | 10-34- 0 | 4- 8-12 | 13-13-13 | 0-10-20 | 4-12-24 | 14- 7-14 | 0- 7-28 | 10-20-30 | 4- 8-24 | 4-12-12 | 0-14-14 | 3-10-20 |
| | TONS | 215,240 | 79,501 | 55,374 | 27,337 | 21,627 | 17,475 | 16,197 | 15,335 | 12,872 | 12,567 | 12,031 | 11,573 | 9,272 | 8,860 | 8,764 |
| IDAHO | ANAL | 18-46- 0 | 10-34- 0 | 11-55- 0 | 27-12- 0 | 16-16-16 | 30- 0- 1 | | | | | | | | | |
| | TONS | 40,533 | 18,488 | 8,061 | 3,127 | 1,188 | 403 | | | | | | | | | |
| ILL | ANAL | 18-46- 0 | 3-10-30 | 10-34- 0 | 5-20-35 | 11-52- 0 | 3- 9-12 | 9-23-30 | 6-24-24 | 6-18- 6 | 5-17-21 | 4-13-26 | 4-14-20 | 10-30- 0 | 5-15-20 | 4-12-24 |
| | TONS | 603,453 | 91,738 | 34,954 | 24,272 | 21,944 | 21,357 | 21,124 | 20,045 | 15,380 | 14,658 | 14,062 | 13,058 | 12,490 | 12,094 | 9,868 |
| IND | ANAL | 10-34- 0 | 18-46- 0 | 6-24-24 | 3-10-30 | 9-23-30 | 0-15-40 | 6-15-40 | 7-22- 5 | 4-10-10 | 6-26-26 | 19-19-19 | 5-20-35 | 13-13-13 | 8-32-16 | 12-12-12 |
| | TONS | 160,359 | 105,853 | 74,632 | 56,045 | 39,361 | 38,749 | 38,257 | 34,697 | 29,101 | 15,798 | 15,638 | 10,357 | 9,443 | 9,107 | 8,809 |
| IOWA | ANAL | 18-46- 0 | 11-52- 0 | 10-34- 0 | 3-10-30 | 7-21- 7 | 6-24-24 | 2- 6-35 | 9-23-30 | 9-18- 9 | 4-13-26 | 20-10-10 | 8-32-16 | 10-20-20 | 7-23- 5 | 3- 9-32 |
| | TONS | 442,539 | 81,202 | 63,185 | 46,109 | 28,176 | 24,367 | 18,100 | 17,138 | 15,319 | 14,473 | 13,791 | 13,080 | 12,487 | 10,633 | 8,991 |
| KANS | ANAL | 18-46- 0 | 10-34- 0 | 11-52- 0 | 11-53- 0 | 8-32-16 | 6-24-24 | 13-13-13 | 16-20- 6 | 12-12-12 | 5-20-20 | 11-54- 0 | 14-14-14 | 20-10-10 | 10- 6- 4 | 12-24-12 |
| | TONS | 202,972 | 76,432 | 55,012 | 11,624 | 9,336 | 3,827 | 3,343 | 2,936 | 1,214 | 882 | 816 | 678 | 405 | 405 | 358 |
| KY | ANAL | 18-46- 0 | 10-10-10 | 5-10-15 | 9-23-30 | 6-24-24 | 15-15-15 | 5-20-20 | 19-19-19 | 4-16- 4 | 6-12-18 | 10-34- 0 | 6-12-12 | 0-23-30 | 12-12-12 | 5-15-25 |
| | TONS | 137,909 | 51,955 | 44,367 | 15,982 | 15,692 | 15,094 | 12,017 | 9,333 | 3,571 | 3,449 | 3,312 | 3,107 | 2,953 | 2,784 | 2,661 |
| LA | ANAL | 13-13-13 | 8-24-24 | 0-18-36 | 18- 6-12 | 14- 8- 8 | 0-17-34 | 17-17-17 | 8- 8- 8 | 18-46- 0 | 0-24-24 | 12- 6-10 | 10-10-10 | 6-24-24 | 16-16-16 | 0-26-26 |
| | TONS | 35,042 | 16,294 | 14,376 | 13,370 | 12,142 | 11,168 | 8,693 | 8,535 | 8,203 | 8,042 | 7,542 | 7,228 | 6,686 | 6,547 | 6,227 |
| MAINE | ANAL | 14-14-14 | 10-15-15 | 15-15-15 | 12-15-15 | 12-12-12 | 10-10-10 | 15- 8-12 | 10-20-10 | 18-46- 0 | 5-10-10 | 23-12-18 | 10-20-20 | 5-20-20 | 16-16-16 | 19-19-19 |
| | TONS | 24,703 | 12,731 | 10,633 | 5,647 | 3,295 | 3,145 | 2,636 | 2,380 | 1,923 | 1,623 | 781 | 623 | 387 | 298 | 205 |
| MD | ANAL | 10-20-20 | 10-10-10 | 18-46- 0 | 8-16-24 | 10-20-30 | 10-34- 0 | 5-10-30 | 15-10-10 | 13-10-22 | 5-10- 5 | 15-15-15 | 5-10-10 | 10- 6- 4 | 14- 8- 8 | 11-52- 0 |
| | TONS | 20,000 | 17,100 | 9,900 | 5,850 | 5,750 | 5,250 | 5,170 | 4,465 | 4,133 | 2,996 | 2,780 | 2,750 | 2,620 | 2,510 | 2,351 |
| MASS | ANAL | 10-10-10 | 10- 6- 4 | 5-10-10 | 27- 3- 3 | 15-15-15 | 10-20-10 | 5-10- 5 | 18-46- 0 | 15- 8-12 | 26- 3- 3 | 10-20-20 | 14-14-14 | | | |
| | TONS | 6,452 | 2,589 | 2,258 | 2,199 | 2,121 | 1,665 | 1,551 | 1,362 | 1,307 | 1,028 | 949 | 724 | | | |
| MICH | ANAL | 6-24-24 | 18-46- 0 | 10-34- 0 | 19-19-19 | 8-32-16 | 8-25- 3 | 16-16-16 | 11-52- 0 | 12-12-12 | 11-53- 0 | 9-23-30 | 15-15-15 | 6-26-26 | 10-20-10 | 13-13-13 |
| | TONS | 75,964 | 58,662 | 30,945 | 18,453 | 18,033 | 17,043 | 16,509 | 14,177 | 12,656 | 10,386 | 9,940 | 9,783 | 7,339 | 7,257 | 7,032 |
| MINN | ANAL | 18-46- 0 | 10-34- 0 | 9-23-30 | 11-52- 0 | 7-21- 7 | 3-10-30 | 9-18- 9 | 7-23- 5 | 10-26-26 | 4-10-10 | 5-14-42 | 19-19-19 | 6-24-24 | 11-53- 0 | 12-36-12 |
| | TONS | 390,989 | 49,900 | 25,149 | 23,246 | 17,290 | 16,554 | 10,275 | 8,590 | 5,365 | 5,179 | 4,422 | 3,854 | 3,751 | 3,005 | 2,949 |
| MISS | ANAL | 13-13-13 | 8-24-24 | 5-15-30 | 8- 8- 8 | 0-20-20 | 0-17-34 | 0-24-24 | 18-46- 0 | 0-15-30 | 4-12-24 | 5-20-20 | 0-26-26 | 3- 9-18 | 17-17-17 | 16- 4- 8 |
| | TONS | 116,322 | 33,162 | 22,665 | 16,609 | 15,315 | 15,312 | 12,958 | 10,114 | 8,945 | 3,197 | 2,519 | 2,423 | 2,047 | 2,033 | 1,519 |
| MO | ANAL | 18-46- 0 | 13-13-13 | 6-24-24 | 3-10-30 | 12-12-12 | 2- 6-12 | 10-34- 0 | 20-10-10 | 11-52- 0 | 3- 9-27 | 15-10-10 | 5-20-35 | 19-19-19 | 3-18-18 | 18- 6-12 |
| | TONS | 169,007 | 21,983 | 21,291 | 16,991 | 14,330 | 10,475 | 9,663 | 8,786 | 7,991 | 6,399 | 4,533 | 4,373 | 3,398 | 3,324 | 3,168 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MONT | ANAL | 11-52- 0 | 18-46- 0 | 10-34- 0 | 23-23- 0 | 6-27-13 | 4-35- 3 | 8-10- 4 | 25-12-10 | 25-10- 0 | 20-10-10 | 30-10- 0 | | | | |
| | TONS | 74,552 | 53,979 | 9,743 | 1,778 | 1,221 | 1,220 | 1,220 | 650 | 650 | 642 | 558 | | | | |
| NEBR | ANAL | 10-34- 0 | 18-46- 0 | 11-52- 0 | 7-21- 7 | 10-30- 5 | 8-20- 5 | 20-10- 5 | 10-30- 0 | 8-32- 8 | 11-53- 0 | 9-18- 9 | 8-20- 6 | 8-30- 8 | 7-22- 5 | 16-20- 6 |
| | TONS | 123,065 | 104,449 | 21,802 | 20,489 | 17,324 | 10,702 | 7,829 | 6,232 | 5,963 | 5,862 | 5,545 | 4,922 | 4,291 | 4,037 | 3,485 |
| NEV | ANAL | 16- 6- 8 | 11-52- 0 | 10-34- 0 | 32-16- 0 | 6-20-20 | 32-10-10 | 8-16- 8 | 1- 2- 0 | 19- 9- 0 | 13- 0-46 | 16-20-20 | 27- 3- 3 | 15- 5- 7 | | |
| | TONS | 912 | 891 | 877 | 303 | 302 | 250 | 181 | 169 | 156 | 139 | 118 | 103 | 103 | | |
| N H | ANAL | 10-10-10 | 15- 8-12 | 10-20-10 | 18-46- 0 | 5-10-10 | 27- 3- 3 | 10-20-20 | 15-15-15 | 5-10- 5 | 24-12-18 | 15-10-10 | 23-12-18 | 26- 3- 3 | | |
| | TONS | 1,666 | 1,603 | 1,070 | 958 | 813 | 582 | 449 | 432 | 325 | 319 | 284 | 270 | 251 | | |
| N J | ANAL | 10-10-10 | 16- 8- 8 | 10-20-20 | 10- 6- 4 | 5-10-10 | 15-15-15 | 9- 9- 9 | 14- 7- 7 | 27- 3- 3 | 3- 9-12 | 18-46- 0 | 5-10- 5 | 14- 7-14 | 14-14-14 | 3-10-30 |
| | TONS | 32,175 | 9,480 | 8,159 | 8,057 | 6,916 | 6,417 | 4,777 | 4,376 | 3,376 | 3,337 | 3,222 | 3,142 | 2,457 | 1,947 | 1,878 |
| N MEX | ANAL | 18-46- 0 | 11-52- 0 | 11-53- 0 | 10-34- 0 | 4-10-10 | 16- 8- 8 | 10-25- 2 | 18-12- 2 | 10-23- 2 | 26- 3- 3 | 15- 5-10 | 10-30- 5 | | | |
| | TONS | 6,948 | 5,541 | 3,663 | 3,030 | 608 | 389 | 376 | 304 | 196 | 191 | 155 | 152 | | | |
| N Y | ANAL | 15-15-15 | 10-20-20 | 6-24-24 | 18-46- 0 | 10- 6- 4 | 10-20-10 | 0-10-40 | 10-10-10 | 7-21- 7 | 5-10- 5 | 8-16- 8 | 6-12- 6 | 14-14-14 | 15- 3- 8 | 10-34- 0 |
| | TONS | 69,261 | 49,344 | 18,134 | 14,356 | 12,016 | 11,967 | 10,169 | 9,786 | 7,160 | 6,603 | 6,273 | 5,054 | 4,851 | 4,476 | 3,584 |
| N C | ANAL | 10-10-10 | 5-10-30 | 10-20-20 | 6- 6-18 | 3- 9- 9 | 5-10-10 | 8- 8- 8 | 5- 9-18 | 17-17-17 | 2- 6-12 | 5- 5-25 | 4- 8-12 | 6-12-18 | 18-46- 0 | 6- 6-36 |
| | TONS | 135,989 | 80,919 | 50,984 | 49,229 | 43,355 | 40,092 | 28,507 | 26,693 | 26,143 | 23,632 | 22,510 | 19,003 | 16,510 | 16,361 | 12,154 |
| N DAK | ANAL | 18-46- 0 | 11-52- 0 | 10-34- 0 | 15-38-10 | 10-26-26 | 8-32-16 | 12-36-12 | 19-19-19 | 11-53- 0 | 28-29- 0 | 14-34-12 | 15-30-15 | 9-18- 9 | 25-25- 0 | 35-18- 0 |
| | TONS | 149,535 | 34,939 | 32,755 | 6,909 | 4,458 | 3,781 | 3,622 | 3,225 | 3,194 | 3,153 | 2,353 | 2,132 | 2,026 | 1,978 | 1,941 |
| OHIO | ANAL | 18-46- 0 | 6-24-24 | 10-34- 0 | 19-19-19 | 12-12-12 | 11-52- 0 | 9-23-30 | 7-22- 5 | 10-10-10 | 4-10-10 | 3-10-30 | 13-13-13 | 6-26-26 | 8-32-16 | |
| | TONS | 132,141 | 71,583 | 41,084 | 17,172 | 15,605 | 14,721 | 14,685 | 14,594 | 14,020 | 13,890 | 10,785 | 10,242 | 10,077 | 9,781 | |
| OKLA | ANAL | 18-46- 0 | 10-20-10 | 13-13-13 | 10-34- 0 | 14-14-14 | 11-52- 0 | 16-20- 6 | 6-24-24 | 20- 5- 5 | 20-10-10 | 15-30-10 | 15-10- 5 | 10-20-30 | 16- 6-12 | 12-24-12 |
| | TONS | 163,463 | 22,654 | 16,935 | 11,244 | 9,329 | 7,954 | 5,551 | 4,766 | 4,692 | 4,254 | 2,857 | 2,702 | 2,622 | 2,245 | 2,227 |
| ORE | ANAL | 16-16-16 | 10-34- 0 | 11-53- 0 | 11-52- 0 | 18-46- 0 | 11-51- 0 | 11-55- 0 | 27-12- 0 | 20-10-10 | 10-20-20 | 25-10- 0 | 12-15-15 | 14-14-14 | 10-30-10 | |
| | TONS | 13,080 | 12,762 | 10,970 | 8,294 | 6,908 | 5,400 | 5,325 | 4,571 | 4,031 | 1,000 | 800 | 779 | 709 | 645 | |
| PA | ANAL | 10-20-20 | 4- 1- 2 | 10-10-10 | 10-20-10 | 15-15-15 | 20-10-10 | 5-10-10 | 18-46- 0 | 16- 8- 8 | 19-19-19 | 8-24- 8 | 7-21- 6 | 10-30-10 | 8-32-16 | 7-27-11 |
| | TONS | 51,490 | 33,139 | 29,601 | 14,875 | 13,981 | 11,516 | 11,010 | 8,748 | 7,060 | 5,669 | 5,166 | 5,147 | 4,906 | 3,995 | 3,841 |
| R I | ANAL | 10-10-10 | 5-10-10 | 10- 6- 4 | 15- 8-12 | 5-10- 5 | 10-20-20 | 20-10- 5 | | | | | | | | |
| | TONS | 1,332 | 692 | 631 | 359 | 294 | 242 | 104 | | | | | | | | |
| S C | ANAL | 10-10-10 | 3- 9-18 | 5-10-30 | 0-10-30 | 5-10-10 | 6- 6-18 | 17-17-17 | 0- 9-27 | 3- 9- 9 | 0- 7-28 | 10-34- 0 | 3- 9-27 | 5-10-15 | 4- 8-24 | 2- 6-12 |
| | TONS | 52,847 | 21,420 | 21,318 | 20,032 | 14,070 | 13,443 | 13,075 | 12,287 | 12,194 | 7,352 | 7,326 | 7,146 | 7,082 | 6,527 | 5,500 |
| S DAK | ANAL | 18-46- 0 | 10-34- 0 | 11-52- 0 | 7-21- 7 | 35-18- 0 | 13-10- 5 | 28-28- 0 | 6-21- 7 | 20-10-10 | 8-20- 5 | 4-10-10 | 20-20-10 | 8-32-16 | 9-18- 9 | 29-14- 0 |
| | TONS | 83,344 | 10,437 | 5,698 | 4,150 | 3,241 | 2,921 | 2,426 | 1,592 | 1,452 | 1,112 | 997 | 947 | 818 | 762 | 724 |
| TENN | ANAL | 18-46- 0 | 15-15-15 | 6-12-12 | 10-10-10 | 5-10-15 | 13-13-13 | 12-24-24 | 8-24-24 | 9-23-30 | 19-19-19 | 6-24-24 | 5-20-20 | 10-20-20 | 6-12-18 | 0-20-20 |
| | TONS | 127,623 | 24,084 | 22,879 | 14,632 | 10,874 | 10,593 | 9,655 | 5,673 | 5,545 | 4,709 | 4,404 | 4,226 | 3,207 | 1,764 | 1,734 |
| TEX | ANAL | 16- 6-12 | 18-46- 0 | 13-13-13 | 20-10- 0 | 10-34- 0 | 17-17-17 | 24- 8- 0 | 21- 8-17 | 15-15-15 | 21- 7- 3 | 18-10- 5 | 25- 5- 0 | 12-12-12 | 12-24-12 | 21- 7-14 |
| | TONS | 90,578 | 78,779 | 70,719 | 63,830 | 60,476 | 58,120 | 48,264 | 39,759 | 38,084 | 27,751 | 23,517 | 20,566 | 19,072 | 17,891 | 15,990 |
| UTAH | ANAL | 18-46- 0 | 10-34- 0 | 11-52- 0 | 30-10- 0 | 22- 3- 3 | | | | | | | | | | |
| | TONS | 2,500 | 2,000 | 1,750 | 500 | 170 | | | | | | | | | | |
| VT | ANAL | 15-15-15 | 10-20-10 | 15- 8-12 | 18-46- 0 | 10-20-20 | 8-12-12 | 15-10-10 | 15- 7-11 | 5-10-10 | 0-10-40 | 17-17-17 | 12- 7-10 | 12-24-12 | 5-25-25 | |
| | TONS | 3,641 | 3,597 | 3,213 | 2,821 | 1,478 | 1,275 | 1,137 | 1,096 | 860 | 843 | 608 | 584 | 565 | 555 | |
| VA | ANAL | 10-10-10 | 5-10-10 | 2- 6-12 | 19-19-19 | 10-20-20 | 3- 9-18 | 5-10-30 | 6-18-36 | 8- 8- 8 | 18-46- 0 | 12-24-24 | 6-12-18 | 5-10-15 | 3- 9- 9 | 10-34- 0 |
| | TONS | 49,797 | 24,529 | 19,602 | 19,078 | 18,867 | 15,791 | 14,362 | 11,751 | 11,129 | 11,079 | 10,063 | 8,446 | 6,640 | 6,287 | 3,727 |
| WASH | ANAL | 18-46- 0 | 11-55- 0 | 11-51- 0 | 10-34- 0 | 16-16-16 | 11-52- 0 | 12- 4- 8 | 20-20-20 | 20-10-10 | 21- 3- 5 | 27-12- 0 | 10-20-20 | 5-10-10 | 22- 3- 3 | 6-10- 8 |
| | TONS | 19,055 | 14,123 | 12,207 | 12,207 | 3,942 | 2,289 | 1,498 | 1,095 | 1,090 | 1,001 | 815 | 720 | 532 | 531 | 478 |
| W VA | ANAL | 18-46- 0 | 10-20-20 | 10-10-10 | 5-10-10 | 12-12-12 | 19-19-19 | 6-24-24 | 10-20-10 | 5-10-15 | 15-15-15 | 12- 4- 6 | 8-32-16 | 15-30-15 | 12-24-24 | 10- 6- 4 |
| | TONS | 8,877 | 8,420 | 7,296 | 6,239 | 2,809 | 2,301 | 1,595 | 985 | 977 | 921 | 411 | 408 | 326 | 280 | 248 |
| WIS | ANAL | 18-46- 0 | 10-34- 0 | 9-23-30 | 6-24-24 | 9-18- 9 | 4-10-10 | 10-20-20 | 3- 8-43 | 1- 1- 1 | 7-21- 7 | 10-20-19 | 11-55- 0 | 3-10-30 | 2- 1- 1 | 7-23- 5 |
| | TONS | 154,807 | 22,870 | 22,337 | 16,079 | 6,972 | 6,815 | 6,757 | 6,550 | 5,795 | 4,793 | 4,590 | 4,379 | 4,315 | 4,041 | 3,932 |
| WYO | ANAL | 18-46- 0 | 11-52- 0 | 10-34- 0 | 30-10- 0 | 22- 3- 3 | | | | | | | | | | |
| | TONS | 6,706 | 1,985 | 1,164 | 250 | 102 | | | | | | | | | | |

1/ EXCLUDES ALASKA, CONNECTICUT, DISTRICT OF COLUMBIA, HAWAII, PUERTO RICO AND CONFIDENTIAL ANALYSES.

TABLE 15 -- TONNAGES OF THE 150 MOST POPULAR MIXTURES CONSUMED,
YEARS ENDED JUNE 30, 1984 AND 1985 1/

| GRADE | CONSUMPTION | | PROPORTION OF TOTAL | |
|---|---|---|---|---|
| | 1984 | 1985 | 1984 | 1985 |
| | TONS | | PERCENT | |
| 0- 7-28 | 27,185 | 21,271 | .13 | .11 |
| 0- 9-27 | 40,952 | 24,329 | .19 | .12 |
| 0-10-20 | 42,111 | 32,767 | .20 | .17 |
| 0-10-30 | 46,600 | 42,440 | .22 | .22 |
| 0-10-40 | 32,231 | 30,796 | .15 | .16 |
| 0-14-42 | 31,496 | 24,922 | .15 | .13 |
| 0-15-30 | 57,319 | 40,832 | .27 | .21 |
| 0-15-40 | 48,440 | 49,585 | .23 | .25 |
| 0-17-34 | 65,901 | 40,933 | .31 | .21 |
| 0-18-36 | 58,335 | 50,716 | .28 | .26 |
| 0-20-20 | 72,670 | 58,810 | .34 | .30 |
| 0-23-30 | 29,905 | 25,689 | .14 | .13 |
| 0-24-24 | 61,524 | 40,395 | .29 | .21 |
| 0-25-25 | 19,394 | 19,429 | .09 | .10 |
| 0-26-26 | 51,522 | 48,702 | .24 | .25 |
| 2- 6-12 | 103,070 | 90,964 | .49 | .47 |
| 2- 6-35 | 20,675 | 31,895 | .10 | .16 |
| 3- 9- 9 | 96,819 | 71,007 | .46 | .36 |
| 3- 9-12 | 40,886 | 39,473 | .19 | .20 |
| 3- 9-18 | 212,949 | 167,120 | 1.01 | .86 |
| 3- 9-27 | 64,264 | 54,303 | .30 | .28 |
| 3-10-10 | 51,529 | 40,545 | .24 | .21 |
| 3-10-20 | 27,321 | 18,542 | .13 | .10 |
| 3-10-30 | 397,621 | 261,799 | 1.88 | 1.34 |
| 3-18-18 | 23,695 | 23,795 | .11 | .12 |
| 4- 8-12 | 65,257 | 51,596 | .31 | .26 |
| 4- 8-24 | 22,501 | 21,568 | .11 | .11 |
| 4-10-10 | 134,734 | 118,877 | .64 | .61 |
| 4-12-12 | 35,089 | 25,430 | .17 | .13 |
| 4-12-24 | 80,241 | 70,716 | .38 | .36 |
| 4-13-26 | 30,425 | 32,841 | .14 | .17 |
| 4-14-20 | 21,168 | 14,476 | .10 | .07 |
| 5- 5-25 | 31,124 | 24,208 | .15 | .12 |
| 5-10- 5 | 34,725 | 27,476 | .16 | .14 |
| 5-10-10 | 142,484 | 131,274 | .67 | .67 |
| 5-10-15 | 409,605 | 338,138 | 1.93 | 1.73 |
| 5-10-30 | 140,145 | 127,156 | .66 | .65 |
| 5-14-42 | 19,693 | 14,803 | .09 | .08 |
| 5-15-20 | 22,448 | 16,817 | .11 | .09 |
| 5-15-30 | 125,680 | 96,605 | .59 | .50 |
| 5-17-21 | 24,241 | 24,838 | .11 | .13 |
| 5-20-20 | 47,278 | 40,841 | .22 | .21 |
| 5-20-35 | 53,099 | 49,626 | .25 | .25 |
| 6- 6- 6 | 82,562 | 69,958 | .39 | .36 |
| 6- 6-18 | 74,111 | 73,680 | .35 | .38 |
| 6- 8- 8 | 32,964 | 26,549 | .16 | .14 |
| 6-12-12 | 56,837 | 47,808 | .27 | .25 |
| 6-12-18 | 41,311 | 33,453 | .20 | .17 |
| 6-15-40 | 56,604 | 53,569 | .27 | .27 |
| 6-18- 6 | 42,727 | 41,539 | .20 | .21 |
| 6-18-18 | 33,829 | 35,712 | .16 | .18 |
| 6-18-36 | 44,055 | 35,892 | .21 | .18 |
| 6-20-20 | 18,738 | 18,810 | .09 | .10 |
| 6-24-24 | 470,292 | 387,461 | 2.22 | 1.99 |
| 6-26-26 | 46,209 | 37,081 | .22 | .19 |
| 7-18-36 | 25,529 | 22,199 | .12 | .11 |
| 7-21- 7 | 84,175 | 96,472 | .40 | .49 |
| 7-22- 5 | 55,506 | 60,495 | .26 | .31 |
| 7-23- 5 | 88,012 | 39,101 | .42 | .20 |
| 8- 0- 8 | 15,391 | 16,867 | .07 | .09 |
| 8- 2- 8 | 15,958 | 16,022 | .08 | .08 |
| 8- 4- 8 | 14,576 | 14,588 | .07 | .07 |
| 8- 8- 8 | 157,810 | 133,242 | .75 | .68 |
| 8-16- 8 | 18,579 | 17,274 | .09 | .09 |
| 8-16-16 | 13,118 | 15,413 | .06 | .08 |
| 8-16-24 | 17,248 | 17,900 | .08 | .09 |
| 8-20- 5 | 13,690 | 14,890 | .06 | .08 |
| 8-24- 0 | 26,371 | 22,597 | .12 | .12 |
| 8-24- 6 | 23,258 | 19,564 | .11 | .10 |
| 8-24-24 | 153,192 | 130,470 | .72 | .67 |
| 8-25- 3 | 48,800 | 33,538 | .23 | .17 |
| 8-32-16 | 100,018 | 83,308 | .47 | .43 |
| 9- 9- 9 | 14,180 | 16,743 | .07 | .09 |
| 9-18- 9 | 84,837 | 78,804 | .40 | .40 |
| 9-23-30 | 227,476 | 185,397 | 1.07 | .95 |
| 10- 0-10 | 22,205 | 23,461 | .10 | .12 |
| 10- 5-10 | 19,930 | 18,265 | .09 | .09 |
| 10- 5-15 | 20,656 | 15,418 | .10 | .08 |
| 10- 6- 4 | 49,738 | 44,950 | .23 | .23 |
| 10-10-10 | 579,492 | 565,350 | 2.74 | 2.90 |
| 10-10-20 | 31,166 | 24,266 | .15 | .12 |
| 10-10-30 | 21,025 | 14,529 | .10 | .07 |
| 10-15-15 | 19,765 | 16,278 | .09 | .08 |
| 10-20-10 | 137,126 | 120,687 | .65 | .62 |
| 10-20-20 | 290,149 | 284,514 | 1.37 | 1.46 |
| 10-20-30 | 35,936 | 28,532 | .17 | .15 |
| 10-26-26 | 48,780 | 43,203 | .23 | .22 |
| 10-30- 0 | 59,532 | 49,402 | .28 | .25 |
| 10-30- 5 | 15,198 | 23,916 | .07 | .12 |
| 10-34- 0 | 953,602 | 977,417 | 4.50 | 5.01 |
| 10-40- 5 | 8,664 | 14,793 | .04 | .08 |
| 10-50- 0 | 13,736 | 17,192 | .06 | .09 |
| 11-37- 0 | 25,577 | 24,238 | .12 | .12 |
| 11-51- 0 | 9,594 | 19,863 | .05 | .10 |
| 11-52- 0 | 385,699 | 414,796 | 1.82 | 2.13 |
| 11-53- 0 | 115,721 | 103,341 | .55 | .53 |
| 11-55- 0 | 39,579 | 44,061 | .19 | .23 |
| 12- 0-12 | 37,963 | 22,749 | .18 | .12 |
| 12- 2-12 | 18,675 | 14,342 | .09 | .07 |
| 12- 4- 8 | 19,091 | 18,300 | .09 | .09 |
| 12- 4-12 | 12,493 | 17,675 | .06 | .09 |
| 12- 6- 6 | 35,521 | 25,549 | .17 | .13 |
| 12-12-12 | 151,554 | 129,926 | .72 | .67 |
| 12-24-12 | 25,156 | 27,873 | .12 | .14 |
| 12-24-24 | 48,651 | 46,547 | .23 | .24 |
| 13-13-13 | 602,556 | 567,891 | 2.85 | 2.91 |
| 14- 0-14 | 35,835 | 23,680 | .17 | .12 |
| 14- 7- 7 | 17,359 | 16,557 | .08 | .08 |
| 14- 7-14 | 30,521 | 27,940 | .14 | .14 |
| 14- 8- 8 | 15,457 | 16,344 | .07 | .08 |
| 14-14-14 | 85,039 | 73,689 | .40 | .38 |
| 15- 2-15 | 13,566 | 14,895 | .06 | .08 |
| 15- 5-10 | 54,824 | 51,554 | .26 | .26 |
| 15-10-10 | 34,994 | 34,338 | .17 | .18 |
| 15-15-15 | 253,466 | 253,684 | 1.20 | 1.30 |
| 16- 0-16 | 41,880 | 29,228 | .20 | .15 |
| 16- 2-16 | 14,329 | 16,982 | .07 | .09 |
| 16- 4- 8 | 62,651 | 62,982 | .30 | .32 |
| 16- 6- 8 | 28,579 | 32,403 | .13 | .17 |
| 16- 6-12 | 96,208 | 94,419 | .45 | .48 |
| 16- 8- 8 | 68,795 | 58,604 | .32 | .30 |
| 16-16-16 | 106,011 | 83,508 | .50 | .43 |
| 16-20- 6 | 19,324 | 16,154 | .09 | .08 |
| 17-17-17 | 149,376 | 141,976 | .71 | .73 |
| 18- 6- 6 | 16,286 | 16,538 | .08 | .08 |
| 18- 6-12 | 26,218 | 32,579 | .12 | .17 |
| 18- 9- 3 | 17,231 | 13,712 | .08 | .07 |
| 18-10- 5 | 19,465 | 23,627 | .09 | .12 |
| 18-18-18 | 22,889 | 15,630 | .11 | .08 |
| 18-46- 0 | 3,499,024 | 3,431,384 | 16.53 | 17.60 |
| 19-19-19 | 169,255 | 154,541 | .80 | .79 |
| 20- 0-20 | 25,854 | 24,274 | .12 | .12 |
| 20- 4- 4 | 11,492 | 13,208 | .05 | .07 |
| 20- 5- 5 | 11,639 | 17,349 | .05 | .09 |
| 20- 5-10 | 45,487 | 41,727 | .21 | .21 |
| 20-10- 0 | 97,590 | 85,255 | .46 | .44 |
| 20-10- 5 | 25,708 | 24,374 | .12 | .12 |
| 20-10-10 | 132,913 | 114,132 | .63 | .59 |
| 20-10-20 | 14,299 | 14,731 | .07 | .08 |
| 21- 7- 3 | 29,197 | 27,955 | .14 | .14 |
| 21- 7-14 | 63,487 | 60,279 | .30 | .31 |
| 21- 8-17 | 27,348 | 39,950 | .13 | .20 |
| 22-11- 0 | 19,648 | 14,685 | .09 | .08 |
| 24- 6- 0 | 14,272 | 15,998 | .07 | .08 |
| 24- 8- 0 | 47,809 | 48,605 | .23 | .25 |
| 25- 3- 3 | 28,652 | 23,971 | .14 | .12 |
| 25- 5- 0 | 22,289 | 21,363 | .11 | .11 |
| 26- 3- 3 | 29,395 | 21,436 | .14 | .11 |
| 27- 3- 3 | 41,253 | 38,376 | .19 | .20 |
| 27-12- 0 | 20,008 | 15,370 | .09 | .08 |
| TOTAL | 14,823,766 | 13,634,051 | 70.01 | 69.91 |

| NUMBER OF GRADES AND TOTAL TONNAGE BY CLASS, YEAR ENDED JUNE 30 | NUMBER | | TONS | | PERCENT OF TOTAL | |
|---|---|---|---|---|---|---|
| | 1984 | 1985 | 1984 | 1985 | 1984 | 1985 |
| GRADES OF 10,000 TONS OR MORE | 200 | 190 | 15,476,975 | 14,116,073 | 73.10 | 72.39 |
| GRADES 5,000 TONS TO 9,999 TONS | 130 | 123 | 906,709 | 890,528 | 4.28 | 4.57 |
| GRADES 2,500 TONS TO 4,999 TONS | 252 | 234 | 880,375 | 826,271 | 4.16 | 4.24 |
| LESS THAN 2,500 TONS AND GRADE NOT REPORTED | | | 3,909,713 | 3,668,109 | 18.46 | 18.81 |
| TOTAL (48 STATES AND DISTRICT OF COLUMBIA) | | | 21,173,772 | 19,500,981 | 100.00 | 100.00 |

1/ EXCLUDES ALASKA, HAWAII AND PUERTO RICO AND GRADES MADE PRIMARILY BY ONE COMPANY.

TABLE 16 -- AVERAGE PRIMARY NUTRIENT CONTENT OF MIXTURES AND DIRECT APPLICATION MATERIALS CONSUMED, YEAR ENDED JUNE 30, 1985

| STATE | MIXTURE 1/ | | | | MATERIAL 2/ | | | | | TOTAL IN MIXTURES AND MATERIALS |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | SINGLE NUTRIENT | | | MULTIPLE NUTRIENT | | |
| | N | AVAILABLE P2O5 | K2O | TOTAL | N | AVAILABLE P2O5 | K2O | | TOTAL | |
| | PERCENT | | | | | | | | | |
| ALA | 9.83 | 14.86 | 15.96 | 40.66 | 34.62 | 37.40 | 56.03 | 14.22 | 36.02 | 38.61 |
| ALAS | 18.06 | 17.27 | 11.26 | 46.59 | 43.14 | 0.00 | 60.00 | 59.12 | 46.08 | 46.46 |
| ARIZ | 12.77 | 23.89 | 0.58 | 37.24 | 38.49 | 48.24 | 47.75 | 42.28 | 39.04 | 38.54 |
| ARK | 10.07 | 16.44 | 19.10 | 45.61 | 40.59 | 44.44 | 58.09 | 29.77 | 41.75 | 43.37 |
| CALIF | 12.30 | 16.96 | 6.97 | 36.22 | 30.98 | 35.87 | 32.38 | 41.38 | 31.97 | 33.12 |
| COLO | 13.68 | 28.43 | 2.51 | 44.62 | 52.63 | 44.99 | 51.39 | 32.48 | 51.26 | 49.89 |
| CONN | 13.14 | 10.43 | 10.47 | 34.04 | 43.97 | 42.57 | 59.70 | 7.89 | 31.99 | 33.47 |
| DEL | 10.25 | 14.72 | 18.24 | 43.21 | 30.08 | 45.99 | 60.00 | 7.20 | 36.68 | 39.81 |
| D C | 20.00 | 6.50 | 4.50 | 31.01 | 34.88 | 35.00 | 60.00 | 3.60 | 15.42 | 29.54 |
| FLA | 10.52 | 6.14 | 14.20 | 30.86 | 31.51 | 18.13 | 45.11 | 19.99 | 29.76 | 30.69 |
| GA | 7.38 | 11.56 | 16.70 | 35.63 | 31.05 | 30.74 | 47.15 | 17.02 | 31.75 | 34.01 |
| HAW | 13.83 | 10.37 | 17.24 | 41.44 | 27.82 | 10.84 | 19.53 | 59.42 | 21.25 | 33.91 |
| IDAHO | 16.92 | 36.58 | 0.68 | 54.18 | 37.23 | 50.17 | 53.36 | 36.00 | 38.82 | 42.18 |
| ILL | 12.71 | 31.34 | 8.87 | 52.93 | 53.09 | 40.68 | 59.83 | 8.17 | 54.66 | 54.11 |
| IND | 9.35 | 21.71 | 17.98 | 49.04 | 46.44 | 42.99 | 58.96 | 7.02 | 49.88 | 49.51 |
| IOWA | 12.46 | 32.35 | 8.68 | 53.48 | 54.45 | 45.49 | 60.10 | 0.00 | 55.86 | 55.17 |
| KANS | 13.99 | 38.78 | 1.66 | 54.44 | 54.12 | 43.29 | 61.00 | 31.71 | 54.30 | 54.34 |
| KY | 12.26 | 25.40 | 11.22 | 48.87 | 43.94 | 45.74 | 57.64 | 4.65 | 48.25 | 48.53 |
| LA | 11.46 | 15.13 | 17.34 | 43.92 | 39.54 | 46.57 | 41.51 | 3.58 | 39.63 | 41.78 |
| MAINE | 12.89 | 14.79 | 13.54 | 41.22 | 41.58 | 34.75 | 49.37 | 7.69 | 34.35 | 40.30 |
| MD | 10.07 | 16.22 | 15.81 | 42.11 | 34.78 | 45.30 | 57.16 | 16.92 | 38.72 | 40.62 |
| MASS | 14.58 | 9.77 | 10.70 | 35.05 | 36.78 | 39.17 | 53.84 | 9.43 | 34.18 | 34.86 |
| MICH | 11.12 | 24.98 | 14.73 | 50.83 | 46.93 | 44.54 | 59.44 | 7.56 | 51.02 | 50.94 |
| MINN | 14.61 | 36.61 | 6.01 | 57.23 | 57.74 | 45.34 | 59.34 | 49.45 | 57.88 | 57.68 |
| MISS | 9.28 | 16.44 | 17.88 | 43.60 | 40.58 | 36.91 | 61.00 | 0.00 | 42.36 | 42.91 |
| MO | 13.75 | 25.02 | 9.69 | 48.46 | 43.77 | 44.84 | 59.70 | 6.65 | 48.08 | 48.20 |
| MONT | 13.66 | 45.68 | 0.76 | 60.10 | 46.22 | 50.14 | 60.86 | 35.51 | 46.45 | 51.91 |
| NEBR | 12.59 | 32.66 | 2.61 | 47.86 | 55.28 | 44.36 | 44.00 | 32.40 | 54.54 | 53.03 |
| NEV | 15.40 | 18.26 | 6.01 | 39.66 | 27.49 | 43.86 | 10.71 | 32.49 | 29.92 | 32.34 |
| N H | 14.25 | 13.24 | 11.34 | 38.82 | 41.98 | 38.29 | 56.48 | 7.82 | 37.73 | 38.48 |
| N J | 12.28 | 10.83 | 11.05 | 34.15 | 33.92 | 40.00 | 58.95 | 7.15 | 27.28 | 32.44 |
| N MEX | 13.74 | 34.57 | 1.72 | 50.02 | 41.87 | 46.87 | 45.07 | 21.04 | 41.55 | 43.60 |
| N Y | 11.64 | 16.23 | 14.82 | 42.70 | 42.56 | 44.04 | 59.17 | 23.76 | 45.56 | 43.76 |
| N C | 8.24 | 11.55 | 17.91 | 37.70 | 30.13 | 44.21 | 52.33 | 19.14 | 31.94 | 35.58 |
| N DAK | 15.82 | 40.10 | 3.08 | 59.01 | 65.03 | 47.57 | 60.02 | 19.07 | 64.15 | 61.87 |
| OHIO | 10.94 | 25.81 | 12.66 | 49.41 | 41.24 | 45.20 | 60.11 | 9.81 | 47.75 | 48.35 |
| OKLA | 15.74 | 35.22 | 3.99 | 54.95 | 49.07 | 45.35 | 57.91 | 13.95 | 49.44 | 51.37 |
| OREG | 15.80 | 29.61 | 4.72 | 50.14 | 33.68 | 31.40 | 53.84 | 35.98 | 35.47 | 38.14 |
| PA | 10.33 | 14.90 | 12.34 | 37.57 | 34.97 | 45.40 | 60.30 | 11.36 | 39.39 | 38.02 |
| R I | 8.66 | 3.74 | 5.56 | 17.96 | 43.68 | 40.91 | 60.92 | 10.74 | 16.71 | 17.81 |
| S C | 6.93 | 10.41 | 19.37 | 36.71 | 28.14 | 32.47 | 51.57 | 18.36 | 29.79 | 33.87 |
| S DAK | 17.11 | 35.07 | 1.86 | 54.04 | 46.18 | 47.07 | 59.69 | 24.40 | 47.17 | 49.81 |
| TENN | 13.61 | 30.11 | 8.77 | 52.49 | 40.41 | 50.23 | 60.64 | 5.91 | 48.42 | 50.16 |
| TEX | 15.92 | 14.43 | 6.61 | 36.97 | 42.36 | 32.09 | 48.53 | 35.37 | 42.23 | 39.28 |
| UTAH | 13.87 | 39.72 | 0.61 | 54.20 | 39.31 | 44.82 | 60.00 | 46.68 | 40.66 | 43.48 |
| VT | 12.26 | 16.79 | 13.19 | 42.25 | 39.68 | 43.95 | 59.90 | 9.43 | 46.83 | 43.67 |
| VA | 9.16 | 12.82 | 16.16 | 38.13 | 30.29 | 38.18 | 55.54 | 10.37 | 31.59 | 36.26 |
| WASH | 14.18 | 25.50 | 8.66 | 48.34 | 32.99 | 41.19 | 54.06 | 31.12 | 34.35 | 37.03 |
| W VA | 11.36 | 19.44 | 11.88 | 42.67 | 35.98 | 37.22 | 60.51 | 4.64 | 41.98 | 42.40 |
| WISC | 12.13 | 28.66 | 10.89 | 51.69 | 44.50 | 31.80 | 59.28 | 22.73 | 50.96 | 51.14 |
| WYO | 16.02 | 43.29 | 0.17 | 59.48 | 42.06 | 52.18 | 51.72 | 33.43 | 43.15 | 45.49 |
| P R | 12.62 | 5.97 | 13.11 | 31.69 | 33.78 | 27.92 | 47.15 | 7.14 | 35.54 | 31.92 |
| TOTAL | 11.80 | 21.18 | 11.43 | 44.42 | 44.71 | 41.03 | 58.18 | 29.21 | 46.95 | 45.90 |

1/ GUARANTEED TO CONTAIN 2 OR MORE OF THE PRIMARY NUTRIENTS N, $P_2O_5$, $K_2O$.

2/ INCLUDES ONLY MATERIALS GUARANTEED TO CONTAIN 1 OR MORE PRIMARY NUTRIENTS.

TABLE 17 -- CONSUMPTION OF SELECTED N-P GRADES,
YEAR ENDED JUNE 30, 1984 1/

| STATE | GRADE | | | | | |
|---|---|---|---|---|---|---|
| | 10-34-0 | 11-37-0 | 11-(46-50)-0 | 11(51-55)-0 | 13-52-0 | 16-20-0 |
| | TONS | | | | | |
| ALA | 2,483 | 24 | 0 | 186 | 0 | 33 |
| ALAS | 0 | 0 | 370 | 0 | 0 | 0 |
| ARIZ | 20,984 | 0 | 6,309 | 6,247 | 0 | 14,850 |
| ARK | 397 | 589 | 0 | 40 | 0 | 255 |
| CALIF | 75,461 | 709 | 68,646 | 24,575 | 0 | 63,093 |
| COLO | 18,967 | 0 | 8,381 | 4,226 | 0 | 6,718 |
| CONN | 0 | 0 | 0 | 0 | 0 | 0 |
| DEL | 2,381 | 0 | 0 | 0 | 0 | 0 |
| D C | 0 | 0 | 0 | 0 | 0 | 0 |
| FLA | 4,956 | 0 | 0 | 0 | 0 | 729 |
| GA | 25,397 | 2,300 | 1 | 43 | 10 | 86 |
| HAW | 672 | 3,132 | 0 | 1,946 | 0 | 0 |
| IDAHO | 6,387 | 0 | 0 | 4,279 | 0 | 31,618 |
| ILL | 42,511 | 632 | 8 | 22,332 | 58 | 0 |
| IND | 148,986 | 1,972 | 0 | 0 | 599 | 0 |
| IOWA | 67,095 | 330 | 0 | 60,875 | 488 | 2 |
| KANS | 62,975 | 1,493 | 182 | 69,767 | 0 | 674 |
| KY | 2,871 | 700 | 7 | 594 | 61 | 0 |
| LA | 204 | 2,430 | 10 | 1 | 0 | 48 |
| MAINE | 0 | 0 | 0 | 46 | 0 | 300 |
| MD | 5,158 | 0 | 8 | 3,473 | 0 | 0 |
| MASS | 0 | 0 | 0 | 1 | 0 | 0 |
| MICH | 29,153 | 0 | 0 | 22,815 | 593 | 0 |
| MINN | 41,952 | 0 | 441 | 30,814 | 0 | 4,636 |
| MISS | 169 | 227 | 0 | 274 | 0 | 0 |
| MO | 6,112 | 240 | 0 | 7,101 | 0 | 0 |
| MONT | 13,627 | 0 | 0 | 89,653 | 0 | 18,535 |
| NEBR | 126,549 | 948 | 21 | 30,350 | 0 | 3,561 |
| NEV | 470 | 0 | 558 | 324 | 0 | 1,027 |
| N H | 18 | 0 | 0 | 0 | 0 | 0 |
| N J | 210 | 0 | 0 | 90 | 0 | 3 |
| N MEX | 3,151 | 0 | 20 | 5,695 | 0 | 1,875 |
| N Y | 5,699 | 0 | 48 | 1,812 | 2,580 | 5,648 |
| N C | 7,034 | 842 | 0 | 35 | 0 | 0 |
| N DAK | 25,501 | 0 | 121 | 33,894 | 0 | 303 |
| OHIO | 43,908 | 40 | 222 | 24,422 | 1,620 | 0 |
| OKLA | 8,787 | 122 | 0 | 5,507 | 0 | 1,404 |
| OREG | 14,962 | 0 | 1,056 | 27,108 | 0 | 43,539 |
| PA | 3,166 | 0 | 3 | 1,238 | 78 | 0 |
| R I | 0 | 0 | 0 | 0 | 0 | 0 |
| S C | 5,957 | 0 | 0 | 0 | 0 | 0 |
| S DAK | 11,854 | 0 | 0 | 5,642 | 0 | 0 |
| TENN | 0 | 0 | 0 | 0 | 0 | 0 |
| TEX | 73,087 | 8,255 | 0 | 25,882 | 0 | 37,040 |
| UTAH | 2,000 | 0 | 800 | 1,820 | 0 | 1,200 |
| VT | 500 | 0 | 0 | 322 | 108 | 0 |
| VA | 2,871 | 462 | 0 | 371 | 11 | 0 |
| WASH | 17,570 | 0 | 4,551 | 30,641 | 0 | 33,933 |
| W VA | 80 | 0 | 0 | 0 | 0 | 0 |
| WISC | 20,204 | 130 | 0 | 5,051 | 387 | 113 |
| WYO | 1,126 | 0 | 0 | 2,687 | 0 | 595 |
| P R | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 953,602 | 25,577 | 91,763 | 552,179 | 6,593 | 271,818 |

TABLE 17 -- CONSUMPTION OF SELECTED N-P GRADES,
YEAR ENDED JUNE 30, 1984--CONTINUED 1/

| STATE | GRADE | | | | | TOTAL ALL N-P GRADES |
|---|---|---|---|---|---|---|
| | 18-46-0 | (20-22)-(10-11)-0 | (27-28)-(12-14)-0 | 30-10-0 | ALL OTHER | |
| | TONS | | | | | |
| ALA | 7,099 | 153 | 16 | 0 | 8,193 | 18,187 |
| ALAS | 200 | 0 | 0 | 0 | 140 | 710 |
| ARIZ | 14,470 | 0 | 0 | 0 | 14,782 | 77,642 |
| ARK | 12,821 | 443 | 0 | 24 | 2,815 | 17,384 |
| CALIF | 18,355 | 27,761 | 7,902 | 493 | 96,465 | 383,460 |
| COLO | 34,069 | 0 | 0 | 1,286 | 4,269 | 77,916 |
| CONN | 1,388 | 0 | 0 | 0 | 0 | 1,388 |
| DEL | 4,483 | 0 | 0 | 0 | 0 | 6,864 |
| D C | 0 | 0 | 0 | 0 | 0 | 0 |
| FLA | 3,722 | 31 | 0 | 0 | 11,217 | 20,655 |
| GA | 7,559 | 52 | 7 | 13 | 6,060 | 41,528 |
| HAW | 757 | 0 | 0 | 0 | 1,445 | 7,952 |
| IDAHO | 53,129 | 0 | 4,009 | 0 | 0 | 99,422 |
| ILL | 645,432 | 68 | 0 | 0 | 27,231 | 738,272 |
| IND | 112,653 | 0 | 0 | 0 | 9,082 | 273,292 |
| IOWA | 503,250 | 134 | 0 | 77 | 26,318 | 658,569 |
| KANS | 216,997 | 59 | 0 | 201 | 20,225 | 372,573 |
| KY | 124,481 | 0 | 0 | 0 | 4,246 | 132,960 |
| LA | 6,306 | 599 | 0 | 52 | 3,966 | 13,616 |
| MAINE | 2,938 | 0 | 0 | 0 | 323 | 3,607 |
| MD | 9,670 | 0 | 0 | 0 | 0 | 18,309 |
| MASS | 722 | 0 | 0 | 0 | 105 | 828 |
| MICH | 68,541 | 0 | 0 | 0 | 4,626 | 125,728 |
| MINN | 361,166 | 823 | 127 | 56 | 11,545 | 451,560 |
| MISS | 15,427 | 0 | 103 | 0 | 817 | 17,017 |
| MO | 111,861 | 110 | 0 | 324 | 11,775 | 137,523 |
| MONT | 58,264 | 838 | 0 | 1,016 | 4,718 | 186,651 |
| NEBR | 114,392 | 878 | 22 | 140 | 21,618 | 298,479 |
| NEV | 241 | 0 | 135 | 0 | 834 | 3,589 |
| N H | 1,058 | 0 | 0 | 0 | 35 | 1,111 |
| N J | 3,108 | 0 | 0 | 0 | 104 | 3,515 |
| N MEX | 8,799 | 31 | 0 | 44 | 1,598 | 21,213 |
| N Y | 12,589 | 0 | 0 | 0 | 1,294 | 29,670 |
| N C | 13,151 | 5 | 0 | 1 | 2,849 | 23,917 |
| N DAK | 133,241 | 429 | 0 | 54 | 11,849 | 205,392 |
| OHIO | 156,871 | 0 | 0 | 0 | 6,552 | 233,635 |
| OKLA | 151,883 | 0 | 979 | 1,397 | 4,429 | 174,508 |
| OREG | 6,931 | 0 | 6,652 | 0 | 1,994 | 102,242 |
| PA | 8,495 | 23 | 0 | 27 | 1,298 | 14,328 |
| R I | 0 | 0 | 0 | 0 | 202 | 202 |
| S C | 1,200 | 0 | 0 | 0 | 1,428 | 8,585 |
| S DAK | 83,254 | 501 | 19 | 116 | 13,726 | 115,112 |
| TENN | 129,914 | 0 | 0 | 0 | 1 | 129,915 |
| TEX | 91,890 | 87,026 | 9,297 | 9,621 | 226,098 | 568,196 |
| UTAH | 2,700 | 0 | 0 | 1,000 | 50 | 9,570 |
| VT | 2,000 | 0 | 0 | 2 | 30 | 2,962 |
| VA | 8,228 | 10 | 5 | 0 | 4,468 | 16,426 |
| WASH | 16,640 | 0 | 1,318 | 0 | 6,448 | 111,101 |
| W VA | 7,862 | 0 | 0 | 0 | 211 | 8,153 |
| WISC | 140,484 | 0 | 0 | 0 | 6,659 | 173,028 |
| WYO | 8,243 | 0 | 0 | 272 | 3 | 12,926 |
| P R | 90 | 0 | 0 | 0 | 0 | 90 |
| TOTAL | 3,499,024 | 119,974 | 30,591 | 16,216 | 584,141 | 6,151,478 |

1/ THIS TABLE INCLUDES ALL MATERIAL AND MIXES WHICH CONTAIN BOTH N AND P BUT DO NOT CONTAIN K.

TABLE 17 -- CONSUMPTION OF SELECTED N-P GRADES,
YEAR ENDED JUNE 30, 1985 1/

| STATE | GRADE | | | | | |
|---|---|---|---|---|---|---|
| | 10-34-0 | 11-37-0 | 11-(46-50)-0 | 11-(51-55)-0 | 13-52-0 | 16-20-0 |
| | TONS | | | | | |
| ALA | 1,994 | 60 | 8 | 93 | 0 | 0 |
| ALAS | 0 | 0 | 570 | 0 | 0 | 0 |
| ARIZ | 17,131 | 0 | 5,173 | 8,264 | 0 | 12,398 |
| ARK | 411 | 314 | 0 | 77 | 0 | 213 |
| CALIF | 68,736 | 0 | 59,581 | 34,935 | 0 | 64,279 |
| COLO | 26,962 | 0 | 3,583 | 4,041 | 0 | 9,269 |
| CONN | 0 | 0 | 0 | 168 | 0 | 0 |
| DEL | 2,309 | 0 | 0 | 0 | 0 | 0 |
| D C | 0 | 0 | 0 | 0 | 0 | 0 |
| FLA | 4,205 | 0 | 0 | 0 | 0 | 0 |
| GA | 27,337 | 2,466 | 0 | 3 | 0 | 29 |
| HAW | 474 | 3,001 | 0 | 2,962 | 0 | 0 |
| IDAHO | 18,488 | 0 | 0 | 8,061 | 0 | 29,421 |
| ILL | 34,954 | 719 | 0 | 23,444 | 79 | 0 |
| IND | 160,359 | 2,239 | 0 | 0 | 492 | 0 |
| IOWA | 63,185 | 1,499 | 0 | 84,634 | 0 | 0 |
| KANS | 76,432 | 0 | 61 | 67,452 | 0 | 791 |
| KY | 3,312 | 1,139 | 13 | 193 | 164 | 0 |
| LA | 423 | 1,210 | 0 | 300 | 0 | 40 |
| MAINE | 26 | 0 | 23 | 0 | 0 | 0 |
| MD | 5,250 | 0 | 8 | 3,541 | 0 | 0 |
| MASS | 6 | 0 | 1 | 0 | 0 | 0 |
| MICH | 30,945 | 0 | 53 | 24,563 | 6 | 0 |
| MINN | 49,900 | 0 | 7,191 | 27,844 | 0 | 4,181 |
| MISS | 411 | 123 | 0 | 1,327 | 0 | 0 |
| MO | 9,663 | 382 | 4 | 9,104 | 0 | 17 |
| MONT | 9,743 | 0 | 0 | 74,552 | 0 | 17,226 |
| NEBR | 123,065 | 1,182 | 16 | 29,063 | 0 | 4,213 |
| NEV | 877 | 0 | 315 | 916 | 0 | 3,873 |
| N H | 40 | 0 | 94 | 0 | 0 | 0 |
| N J | 1,155 | 0 | 0 | 49 | 0 | 2 |
| N MEX | 3,030 | 0 | 202 | 9,204 | 0 | 1,623 |
| N Y | 3,584 | 0 | 0 | 2,743 | 471 | 6,234 |
| N C | 12,087 | 122 | 0 | 0 | 0 | 0 |
| N DAK | 32,755 | 0 | 0 | 41,104 | 0 | 167 |
| OHIO | 41,084 | 705 | 1,758 | 18,367 | 3,082 | 0 |
| OKLA | 11,244 | 51 | 0 | 7,954 | 0 | 753 |
| OREG | 12,762 | 0 | 151 | 29,989 | 0 | 37,733 |
| PA | 2,679 | 0 | 0 | 1,894 | 139 | 0 |
| R I | 0 | 0 | 0 | 0 | 0 | 0 |
| S C | 7,326 | 0 | 451 | 0 | 0 | 0 |
| S DAK | 10,437 | 0 | 0 | 7,031 | 0 | 0 |
| TENN | 0 | 0 | 0 | 0 | 0 | 0 |
| TEX | 60,476 | 7,697 | 0 | 18,060 | 0 | 31,838 |
| UTAH | 2,000 | 0 | 1,200 | 1,800 | 0 | 1,000 |
| VT | 0 | 0 | 9 | 721 | 0 | 0 |
| VA | 3,727 | 10 | 10 | 689 | 0 | 0 |
| WASH | 12,207 | 0 | 87 | 28,619 | 0 | 38,788 |
| W VA | 192 | 0 | 0 | 0 | 0 | 0 |
| WISC | 22,870 | 1,319 | 0 | 7,958 | 51 | 5 |
| WYO | 1,164 | 0 | 0 | 2,037 | 0 | 328 |
| P R | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 977,417 | 24,238 | 80,562 | 583,756 | 4,484 | 264,421 |

TABLE 17 -- CONSUMPTION OF SELECTED N-P GRADES,
YEAR ENDED JUNE 30, 1985--CONTINUED 1/

| STATE | GRADE | | | | | TOTAL ALL N-P GRADES |
|---|---|---|---|---|---|---|
| | 18-46-0 | (20-22)(10-11)-0 | (27-28)(12-14)-0 | 30-10-0 | ALL OTHER | |
| | TONS | | | | | |
| ALA | 8,224 | 69 | 9 | 7 | 8,017 | 18,481 |
| ALAS | *200* | *0* | *0* | *0* | *60* | *830* |
| ARIZ | 14,091 | 0 | 0 | 0 | 2,972 | 60,029 |
| ARK | 11,387 | 379 | 0 | 142 | 3,145 | 16,068 |
| CALIF | 17,928 | 19,530 | 6,633 | 40 | 88,658 | 360,320 |
| COLO | 20,736 | 113 | 199 | 52 | 3,609 | 68,564 |
| CONN | 1,121 | 0 | 0 | 0 | 463 | 1,752 |
| DEL | 4,334 | 0 | 0 | 0 | 0 | 6,643 |
| D C | 0 | 0 | 0 | 0 | 0 | 0 |
| FLA | 3,637 | 23 | 0 | 0 | 4,878 | 12,743 |
| GA | 7,831 | 97 | 13 | 20 | 6,615 | 44,411 |
| HAW | 0 | 0 | 0 | 0 | 2,241 | 8,678 |
| IDAHO | 40,533 | 0 | 3,127 | 0 | 0 | 99,630 |
| ILL | 603,453 | 0 | 0 | 0 | 28,714 | 691,363 |
| IND | 105,853 | 0 | 0 | 0 | 12,455 | 281,398 |
| IOWA | 442,539 | 121 | 0 | 35 | 28,116 | 620,129 |
| KANS | 202,972 | 0 | 0 | 97 | 27,524 | 375,329 |
| KY | 137,909 | 0 | 0 | 0 | 3,991 | 146,721 |
| LA | 8,203 | 988 | 0 | 0 | 4,513 | 15,677 |
| MAINE | 1,923 | 22 | 0 | 0 | 236 | 2,230 |
| MD | 9,900 | 0 | 0 | 0 | 0 | 18,699 |
| MASS | 1,362 | 0 | 0 | 0 | 57 | 1,426 |
| MICH | 58,662 | 0 | 0 | 6 | 4,481 | 118,716 |
| MINN | 390,989 | 487 | 85 | 13 | 12,834 | 493,524 |
| MISS | 10,114 | 0 | 5 | 0 | 1,610 | 13,590 |
| MO | 169,007 | 238 | 1 | 1 | 7,023 | 195,440 |
| MONT | 53,979 | 0 | 0 | 558 | 2,428 | 158,486 |
| NEBR | 104,449 | 496 | 10 | 124 | 20,948 | 283,566 |
| NEV | 82 | 0 | 25 | 0 | 831 | 6,919 |
| N H | 958 | 0 | 0 | 0 | 63 | 1,155 |
| N J | 3,222 | 0 | 0 | 0 | 485 | 4,913 |
| N MEX | 6,948 | 108 | 0 | 0 | 1,306 | 22,421 |
| N Y | 14,356 | 12 | 0 | 0 | 2,432 | 29,832 |
| N C | 16,361 | 8 | 0 | 4 | 4,808 | 33,390 |
| N DAK | 149,535 | 452 | 38 | 40 | 16,144 | 240,235 |
| OHIO | 132,141 | 3 | 0 | 0 | 9,531 | 206,671 |
| OKLA | 163,463 | 0 | 143 | 894 | 3,522 | 188,024 |
| OREG | 6,908 | 0 | 4,571 | 0 | 1,196 | 93,310 |
| PA | 8,748 | 12 | 0 | 51 | 1,927 | 15,450 |
| R I | 0 | 0 | 0 | 0 | 145 | 145 |
| S C | 1,730 | 0 | 0 | 0 | 1,766 | 11,273 |
| S DAK | 83,344 | 3 | 0 | 46 | 9,338 | 110,199 |
| TENN | 127,623 | 0 | 0 | 0 | 1 | 127,624 |
| TEX | 78,779 | 79,529 | 8,255 | 7,920 | 238,143 | 530,697 |
| UTAH | 2,500 | 0 | 0 | 500 | 10 | 9,010 |
| VT | 2,821 | 0 | 0 | 0 | 167 | 3,718 |
| VA | 11,079 | 0 | 1 | 0 | 4,636 | 20,152 |
| WASH | 19,055 | 0 | 815 | 0 | 10,301 | 109,872 |
| W VA | 8,877 | 0 | 0 | 0 | 44 | 9,113 |
| WISC | 154,807 | 0 | 0 | 0 | 5,154 | 192,164 |
| WYO | 6,706 | 0 | 0 | 250 | 6 | 10,491 |
| P R | 5 | 0 | 0 | 0 | 0 | 5 |
| TOTAL | 3,431,384 | 102,690 | 23,930 | 10,800 | 587,544 | 6,091,226 |

1/ THIS TABLE INCLUDES ALL MATERIALS AND MIXES WHICH CONTAIN BOTH N AND P BUT DO NOT CONTAIN K.

TABLE 18 -- CONSUMPTION OF NITROGEN SOLUTIONS BY DIRECT-APPLICATION, YEARS ENDED JUNE 30, 1984 AND 1985

| STATE | UNDER 28% NITROGEN | | 28-32% NITROGEN | | OVER 32% NITROGEN | |
|---|---|---|---|---|---|---|
| | 1984 | 1985 | 1984 | 1985 | 1984 | 1985 |
| | TONS | | | | | |
| ALA | 0 | 0 | 106,884 | 112,686 | 0 | 0 |
| ALAS | 0 | 0 | 0 | 0 | 0 | 0 |
| ARIZ | 22,313 | 34,067 | 75,653 | 86,031 | 0 | 0 |
| ARK | 2,651 | 7,019 | 75,453 | 92,575 | 168 | 211 |
| CALIF | 272,883 | 257,187 | 393,767 | 409,618 | 3,405 | 1,632 |
| COLO | 5,949 | 736 | 118,534 | 80,289 | 0 | 0 |
| CONN | 0 | 0 | 1,293 | 68 | 0 | 0 |
| DEL | 0 | 0 | 51,751 | 35,673 | 119 | 101 |
| D C | 0 | 0 | 70 | 50 | 0 | 0 |
| FLA | 2,730 | 545 | 68,642 | 65,263 | 0 | 0 |
| GA | 89,215 | 101,520 | 329,237 | 377,367 | 2,119 | 1,349 |
| HAW | 3,589 | 1,696 | 7,539 | 10,928 | 0 | 0 |
| IDAHO | 0 | 0 | 90,849 | 76,705 | 0 | 0 |
| ILL | 4,281 | 10,048 | 768,462 | 708,981 | 19,748 | 21,475 |
| IND | 0 | 0 | 504,303 | 514,302 | 1,672 | 2,994 |
| IOWA | 1,530 | 1,474 | 821,449 | 797,414 | 548 | 275 |
| KANS | 0 | 0 | 348,866 | 355,261 | 0 | 0 |
| KY | 431 | 0 | 58,417 | 62,583 | 401 | 0 |
| LA | 254 | 94 | 80,479 | 103,332 | 0 | 0 |
| MAINE | 0 | 0 | 0 | 24 | 0 | 0 |
| MD | 0 | 0 | 82,600 | 84,015 | 0 | 0 |
| MASS | 0 | 102 | 509 | 951 | 0 | 0 |
| MICH | 0 | 0 | 175,916 | 162,426 | 0 | 0 |
| MINN | 840 | 750 | 182,620 | 225,543 | 2,019 | 2,096 |
| MISS | 0 | 0 | 104,638 | 92,271 | 0 | 0 |
| MO | 5,019 | 8,033 | 153,299 | 186,310 | 1 | 169 |
| MONT | 0 | 0 | 21,482 | 17,257 | 0 | 0 |
| NEBR | 35,305 | 32,251 | 614,294 | 524,939 | 0 | 1,250 |
| NEV | 595 | 847 | 4,315 | 3,752 | 0 | 0 |
| N H | 0 | 0 | 91 | 84 | 0 | 0 |
| N J | 0 | 0 | 9,517 | 14,130 | 0 | 0 |
| N MEX | 0 | 0 | 22,026 | 28,450 | 0 | 0 |
| N Y | 212 | 348 | 47,072 | 58,064 | 234 | 526 |
| N C | 16,840 | 29,177 | 424,844 | 413,733 | 416 | 2,604 |
| N DAK | 0 | 0 | 34,953 | 42,282 | 28 | 0 |
| OHIO | 13,655 | 8,888 | 397,986 | 415,891 | 44 | 1,440 |
| OKLA | 4,185 | 4,444 | 105,360 | 132,338 | 0 | 0 |
| OREG | 125 | 4,317 | 70,369 | 91,580 | 4,520 | 546 |
| PA | 0 | 0 | 58,545 | 52,184 | 0 | 0 |
| R I | 0 | 0 | 0 | 0 | 0 | 0 |
| S C | 39,138 | 59,522 | 139,557 | 140,199 | 0 | 0 |
| S DAK | 83 | 57 | 61,054 | 60,160 | 0 | 0 |
| TENN | 0 | 0 | 31,857 | 41,124 | 0 | 0 |
| TEX | 4,498 | 13,086 | 392,850 | 469,338 | 0 | 296 |
| UTAH | 5 | 0 | 5,500 | 4,600 | 0 | 0 |
| VT | 0 | 0 | 2,150 | 3,487 | 0 | 0 |
| VA | 0 | 0 | 133,454 | 138,288 | 0 | 0 |
| WASH | 11,248 | 62,806 | 112,323 | 86,944 | 0 | 0 |
| W VA | 0 | 0 | 7,525 | 7,245 | 0 | 0 |
| WISC | 0 | 19 | 182,485 | 219,492 | 1,726 | 1,172 |
| WYO | 0 | 0 | 9,886 | 8,164 | 0 | 0 |
| P R | 0 | 0 | 10 | 0 | 0 | 0 |
| TOTAL | 537,574 | 639,033 | 7,490,735 | 7,614,391 | 37,168 | 38,136 |

TABLE 19 -- MICRONUTRIENTS SOLD FOR FERTILIZER IN THE UNITED STATES

| REGION OF APPLICATION | QUANTITY OF THE ELEMENT SOLD | | | |
|---|---|---|---|---|
| | COPPER | IRON | MANGANESE | ZINC |
| | TONS | | | |
| | JULY 1, 1982 - JUNE 30, 1983 1/ | | | |
| NEW ENGLAND (CONN, ME, MASS, N H, R I, VT) | 6.9 | .1 | 59.5 | 144.2 |
| MID-ATLANTIC (DEL, D C, MD, N J, N Y, PA, W VA) | 63.8 | 37.9 | 331.3 | 340.9 |
| SOUTH ATLANTIC (FLA, GA, N C, S C, VA) | 876.9 | 1,242.7 | 8,626.5 | 3,644.0 |
| EAST NORTH CENTRAL (ILL, IND, MICH, OHIO, WIS) | 65.6 | 507.7 | 6,279.0 | 5,618.3 |
| WEST NORTH CENTRAL (IOWA, KANS, MINN, MO, NEBR, N DAK, S DAK) | 101.4 | 620.5 | 839.7 | 14,088.5 |
| EAST SOUTH CENTRAL (ALA, KY, MISS, TENN) | 45.0 | 262.9 | 348.0 | 1,575.7 |
| WEST SOUTH CENTRAL (ARK, LA, OKLA, TEX) | 51.0 | 1,851.4 | 259.5 | 3,421.0 |
| MOUNTAIN (ARIZ, COLO, IDAHO, MONT, NEV, N MEX, UTAH, WYO) | 20.4 | 1,977.3 | 51.8 | 5,405.7 |
| PACIFIC (CALIF, OREG, WASH) | 33.9 | 545.0 | 387.2 | 6,958.5 |
| ALAS, HAW, P R | .3 | 8.2 | .9 | .3 |
| TOTAL | 1,265.2 | 7,053.7 | 17,183.4 | 41,197.1 |
| | JULY 1, 1984 - JUNE 30, 1985 | | | |
| NEW ENGLAND (CONN, ME, MASS, N H, R I, VT) | 6.9 | | 182.7 | 130.2 |
| MID-ATLANTIC (DEL, D C, MD, N J, N Y, PA, W VA) | 454.7 | 63.2 | 720.6 | 1,288.2 |
| SOUTH ATLANTIC (FLA, GA, N C, S C, VA) | 821.2 | 1,746.1 | 7,627.4 | 2,717.7 |
| EAST NORTH CENTRAL (ILL, IND, MICH, OHIO, WIS) | 111.9 | 634.3 | 5,283.9 | 5,879.0 |
| WEST NORTH CENTRAL (IOWA, KANS, MINN, MO, NEBR, N DAK, S DAK) | 146.7 | 919.7 | 1,483.4 | 14,856.6 |
| EAST SOUTH CENTRAL (ALA, KY, MISS, TENN) | 45.0 | 272.0 | 348.9 | 1,721.5 |
| WEST SOUTH CENTRAL (ARK, LA, OKLA, TEX) | 50.9 | 2,808.1 | 305.1 | 6,615.1 |
| MOUNTAIN (ARIZ, COLO, IDAHO, MONT, NEV, N MEX, UTAH, WYO) | 17.6 | 2,385.9 | 427.2 | 3,969.8 |
| PACIFIC (CALIF, OREG, WASH) | 45.0 | 463.6 | 607.5 | 6,551.8 |
| ALAS, HAW, P R | .8 | 14.1 | 23.1 | 27.9 |
| TOTAL | 1,700.7 | 9,307.0 | 17,009.8 | 43,757.8 |

1/ REVISED.

TABLE 20 -- CONVERSION FACTORS

| TO CONVERT | TO | MULTIPLY BY |
|---|---|---|
| $P_2O$ | P | 0.43641 |
| P | $P_2O_5$ | 2.29137 |
| $K_2O$ | K | 0.83016 |
| K | $K_2O$ | 1.20459 |

TABLE 21 -- AVERAGE ANALYSES FOR YEAR ENDING JUNE 30, 1985

| ITEM | N | $P_2O_5$ | $K_2O$ |
|---|---|---|---|
| MIXED FERTILIZERS | 11.8 | 21.2 | 11.4 |
| NITROGEN MATERIALS: | | | |
| ANHYDROUS AMMONIA | 82.0 | | |
| AQUA AMMONIA | 20.2 | | |
| AMMONIUM NITRATE | 33.6 | | |
| AMMONIUM SULFATE | 20.9 | | |
| NITROGEN SOLUTIONS | 28.8 | | |
| SODIUM NITRATE | 16.0 | | |
| UREA | 45.7 | | |
| AMMONIUM NITRATE LIMESTONE | 18.3 | | |
| PHOSPHATE MATERIALS: | | | |
| PHOSPHATE ROCK 1/ | | 3.2 | |
| SUPERPHOSPHATE (22% + UNDER) | | 18.9 | |
| SUPERPHOSPHATE (OVER 22%) | | 45.2 | |
| PHOSPHORIC SOLUTIONS | | 53.9 | |
| AMMONIUM PHOSPHATE | 15.0 | 26.2 | |
| POTASH MATERIALS: | | | |
| POTASSIUM CHLORIDE | | | 60.3 |
| POTASSIUM MAGNESIUM SULFATE | | | 22.0 |
| POTASSIUM NITRATE | 13.2 | | 44.0 |
| POTASSIUM SODIUM NITRATE | 15.0 | | 14.6 |
| POTASSIUM SULFATE | | | 49.8 |
| ORGANIC MATERIALS: | 2.6 | 1.9 | 2.1 |

1/ INCLUDES COLLOIDAL PHOSPHATE.

Crop Reporting Board

March 1985

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| ☐ Cattle, 1980-83 | Jan. 1985 | 2.75 | 3.75 |
| ☐ Chickens & Eggs, 1980-83 | Jan. 1985 | 3.75 | 5.00 |
| ☐ Milk Production, 1979-82 | Feb. 1985 | 2.75 | 3.75 |
| ☐ Vegetables, 1978-82 | June 1985 | 6.75 | 8.50 |
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