

FERTILIZING MATERIALS TONNAGE REPORT

JANUARY – JUNE 2018



FEED, FERTILIZER, AND LIVESTOCK DRUGS REGULATORY SERVICES
DIVISION OF INSPECTION SERVICES

SACRAMENTO, CALIFORNIA 95814

FOREWORD

This publication summarizes State and County tonnage sales/distributions of commercial fertilizers, specialty fertilizers, agricultural minerals, and compost as required by Section 14622 of the Food and Agricultural Code.

The tonnage, by grade and analysis, is computed from licensee reports filed with the California Department of Food and Agriculture, in accordance with Section 14621 of the Food and Agricultural Code.

Licensees are required to report, semi-annually, the tonnage of commercial fertilizers, specialty fertilizers, agricultural minerals, and/or compost sold/distributed in California, as defined in the Food and Agricultural Code, Sections 14512, 14522 and 14563, 14550.5, and 14525. The tonnage of materials is to be reported by the last licensee selling/distributing to unlicensed purchasers.

The tonnage report is a breakdown of the raw materials for nitrogen, phosphorus, potassium, and agricultural mineral materials. The amounts of nitrogen, phosphorus, and potassium ingredients, in differing formulas, are determined by the last licensee, and that amount is placed in the appropriate category.

Keeping the above in mind, this report is only as accurate as the reports received in this office; therefore, the figures may vary from publication to publication.

If you have any questions, please contact our office at the number below.

Sincerely,

Original Signed by Amadou Ba

Amadou Ba, Ph.D,
Environmental Program Manager II

STATE OF CALIFORNIA - DEPARTMENT OF FOOD AND AGRICULTURE
TONNAGE REPORT OF COMMERCIAL FERTILIZERS AND AGRICULTURAL MINERALS
TOTAL TONS OF MATERIALS REPORTED FOR THE PERIOD INDICATED

| CODE | MATERIAL NAME | JULY-DEC 2016 | JAN-JUNE 2017 | JULY-DEC 2017 | JAN-JUNE 2018 | JULY-JUNE 2016-2017 | JULY-JUNE 2017-2018 |
|------|---------------------------------------|------------------|------------------|------------------|------------------|------------------------|------------------------|
| 0 | IDENTIFIED BY GRADE | 324,124 | 413,712 | 322,235 | 0 | 737,836 | 322,235 |
| 0 | N-P-K GRADES | 253,102 | 323,718 | 213,690 | 0 | 576,820 | 213,690 |
| 2 | ANHYDROUS AMMONIA | 6,126 | 6,021 | 5,162 | 4,086 | 12,147 | 9,248 |
| 6 | AQUA AMMONIA | 14,064 | 132,067 | 10,882 | 133,186 | 146,131 | 144,068 |
| 10 | AMMONIUM NITRATE | 2,660 | 442 | 1,833 | 1,119 | 3,102 | 2,952 |
| 12 | AMMONIUM NITRATE SOLUTION | 23,881 | 28,447 | 25,674 | 20,711 | 52,328 | 46,385 |
| 20 | AMMONIUM POLYSULFIDE | 1,637 | 1,312 | 0 | 439 | 2,949 | 439 |
| 24 | AMMONIUM SULFATE | 32,044 | 61,301 | 34,962 | 67,285 | 93,345 | 102,247 |
| 31 | AMMONIUM THIOSULFATE | 15,518 | 38,859 | 16,267 | 39,882 | 54,377 | 56,149 |
| 35 | CALCIUM AMMONIUM NITRATE SOLUTION | 56,284 | 130,503 | 42,938 | 106,921 | 186,787 | 149,859 |
| 43 | CALCIUM NITRATE | 8,946 | 19,729 | 8,594 | 7,779 | 28,675 | 16,373 |
| 58 | NITROGEN SOLUTION 28% | 9,413 | 2,158 | 928 | 2,080 | 11,571 | 3,008 |
| 60 | NITROGEN SOLUTION 32% | 147,387 | 308,561 | 159,364 | 377,488 | 455,948 | 536,852 |
| 62 | SODIUM NITRATE | 273 | 1,793 | 2,086 | 1,994 | 2,066 | 4,080 |
| 64 | SULFUR COATED UREA | 569 | 205 | 19 | 44 | 774 | 63 |
| 66 | UREA | 54,919 | 53,742 | 4,550 | 56,029 | 108,661 | 60,579 |
| 67 | UREA SOLUTION | 3,373 | 2,096 | 5,778 | 6,876 | 5,469 | 12,654 |
| 0 | NON-FARM USE NITROGEN | 0 | 0 | 0 | 25,145 | 0 | 25,145 |
| 98 | NITROGEN MATERIALS - COMPOST | 0 | 0 | 0 | 8,179 | 0 | 8,179 |
| 203 | DIAMMONIUM PHOSPHATE | 14 | 512 | 10 | 407 | 526 | 417 |
| 207 | AMMONIUM PHOSPHATE SULFATE | 3,157 | 11,942 | 4,897 | 11,335 | 15,099 | 16,232 |
| 209 | MONOAMMONIUM PHOSPHATE | 33,716 | 25,071 | 38,530 | 30,545 | 58,787 | 69,075 |
| 248 | PHOSPHORIC ACID | 6,223 | 8,047 | 8,478 | 9,223 | 14,270 | 17,701 |
| 249 | LIQUID AMMONIUM POLYPHOSPHATE | 17,488 | 34,370 | 18,798 | 37,631 | 51,858 | 56,429 |
| 263 | NORMAL SUPERPHOSPHATE | 2,214 | 1,918 | 0 | 30 | 4,132 | 30 |
| 267 | TRIPLE SUPERPHOSPHATE | 356 | 164 | 662 | 473 | 520 | 1,135 |
| 0 | NON-FARM USE PHOSPHORUS | 0 | 0 | 0 | 13,105 | 0 | 13,105 |
| 298 | PHOSPHORUS MATERIALS - COMPOST | 0 | 0 | 0 | 2,305 | 0 | 2,305 |
| 428 | MURIATE OF POTASH | 28,006 | 17,970 | 21,626 | 25,001 | 45,976 | 46,627 |
| 443 | SULFATE OF POTASH MAGNESIA | 14,303 | 4,668 | 15,991 | 25,396 | 18,971 | 41,387 |
| 453 | POTASSIUM NITRATE | 1,741 | 10,852 | 10,171 | 3,063 | 12,593 | 13,234 |
| 463 | POTASSIUM SULFATE | 56,601 | 53,550 | 179,437 | 57,510 | 110,151 | 236,947 |
| 0 | NON-FARM USE POTASH | 0 | 0 | 0 | 6,157 | 0 | 6,157 |
| 498 | POTASSIUM MATERIALS - COMPOST | 0 | 0 | 0 | 2,915 | 0 | 2,915 |
| 601 | BLOOD MEAL | 101 | 35 | 10 | 29 | 136 | 39 |
| 667 | SEWAGE SLUDGE | 44,851 | 87,800 | 191,600 | 98,055 | 132,651 | 289,655 |
| 723 | COPPER - ALL MATERIALS | 516 | 1,003 | 482 | 517 | 1,519 | 999 |
| 731 | IRON - ALL MATERIALS | 1,517 | 2,994 | 1,764 | 2,185 | 4,511 | 3,949 |
| 732 | GYP SUM - ALL MATERIALS | 966,480 | 528,080 | 1,121,845 | 611,234 | 1,494,560 | 1,733,079 |
| 770 | SULFUR | 101,418 | 64,323 | 57,203 | 68,776 | 165,741 | 125,979 |
| 774 | SULFURIC ACID | 56,403 | 61,516 | 75,789 | 81,633 | 117,919 | 157,422 |
| 797 | SECONDARY/MICRONUTRIENTS - ALL OTHER | 177,383 | 330,069 | 181,841 | 230,432 | 507,452 | 412,273 |
| 907 | LIMING MATERIALS - ALL MATERIALS | 155,940 | 44,613 | 193,171 | 109,726 | 200,553 | 302,897 |
| 0 | NON-FARM USE SECONDARY/MICRONUTRIENTS | 0 | 0 | 0 | 12,790 | 0 | 12,790 |
| 613 | OIM BULK COMPOST - NO NUTRIENTS | 0 | 0 | 0 | 178,772 | 0 | 178,772 |
| 0 | TOTAL | 2,622,748 | 2,814,163 | 2,977,267 | 2,478,488 | 5,436,911 | 5,455,755 |

STATE OF CALIFORNIA - DEPARTMENT OF FOOD AND AGRICULTURE
TONNAGE REPORT OF COMMERCIAL FERTILIZERS AND AGRICULTURAL MINERALS
TOTAL TONS OF NUTRIENTS REPORTED FOR THE PERIOD INDICATED

| CODE | MATERIAL NAME | JUL-DEC | JUL-DEC | JUL-DEC | JUL-DEC | JUL-DEC | JUL-DEC |
|------|----------------------------------|-----------|--------------|-------------|-----------|--------------|-------------|
| | | 2016 N | 2016 P2O5 | 2016 K2O | 2017 N | 2017 P2O5 | 2017 K2O |
| 0 | IDENTIFIED BY GRADE | 130,794 | 52,498 | 69,810 | 116,145 | 42,161 | 57,186 |
| 0 | NON-FARM USE NITROGEN | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | NON-FARM USE PHOSPHORUS | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | NON-FARM USE POTASH | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | ANHYDROUS AMMONIA | 5,023 | 0 | 0 | 4,233 | 0 | 0 |
| 6 | AQUA AMMONIA | 2,813 | 0 | 0 | 2,176 | 0 | 0 |
| 10 | AMMONIUM NITRATE | 904 | 0 | 0 | 623 | 0 | 0 |
| 12 | AMMONIUM NITRATE SOLUTION | 4,776 | 0 | 0 | 5,135 | 0 | 0 |
| 20 | AMMONIUM POLYSULFIDE | 327 | 0 | 0 | 0 | 0 | 0 |
| 24 | AMMONIUM SULFATE | 6,729 | 0 | 0 | 7,342 | 0 | 0 |
| 31 | AMMONIUM THIOSULFATE | 1,862 | 0 | 0 | 1,952 | 0 | 0 |
| 35 | CALCIUM AMMONIUM NITRATE | 9,568 | 0 | 0 | 7,299 | 0 | 0 |
| 43 | CALCIUM NITRATE | 1,342 | 0 | 0 | 1,290 | 0 | 0 |
| 58 | NITROGEN SOLUTION 28% | 2,636 | 0 | 0 | 260 | 0 | 0 |
| 60 | NITROGEN SOLUTION 32% | 47,164 | 0 | 0 | 50,955 | 0 | 0 |
| 62 | SODIUM NITRATE | 44 | 0 | 0 | 334 | 0 | 0 |
| 64 | SULFUR COATED UREA | 205 | 0 | 0 | 7 | 0 | 0 |
| 66 | UREA | 25,263 | 0 | 0 | 20,930 | 0 | 0 |
| 67 | UREA SOLUTION | 675 | 0 | 0 | 1,156 | 0 | 0 |
| 97 | NITROGEN MATERIALS - ALL OTHER | 0 | 0 | 0 | 0 | 0 | 0 |
| 98 | NITROGEN MATERIALS - COMPOST | 0 | 0 | 0 | 0 | 0 | 0 |
| 203 | DIAMMONIUM PHOSPHATE | 3 | 6 | 0 | 2 | 5 | 0 |
| 207 | AMMONIUM PHOSPHATE SULFATE | 505 | 631 | 0 | 789 | 987 | 0 |
| 209 | MONOAMMONIUM PHOSPHATE | 3,709 | 17,532 | 0 | 4,238 | 20,036 | 0 |
| 248 | PHOSPHORIC ACID | 0 | 3,360 | 0 | 0 | 4,578 | 0 |
| 249 | LIQUID AMMONIUM POLYPHOSPHATE | 1,749 | 5,946 | 0 | 1,881 | 6,394 | 0 |
| 263 | NORMAL SUPERPHOSPHATE | 0 | 487 | 0 | 0 | 0 | 0 |
| 267 | TRIPLE SUPERPHOSPHATE | 0 | 164 | 0 | 0 | 310 | 0 |
| 297 | PHOSPHORUS MATERIALS - ALL OTHER | 0 | 0 | 0 | 0 | 0 | 0 |
| 298 | PHOSPHORUS MATERIALS - COMPOST | 0 | 0 | 0 | 0 | 0 | 0 |
| 428 | MURIATE OF POTASH | 0 | 0 | 16,804 | 0 | 0 | 12,976 |
| 443 | SULFATE OF POTASH MAGNESIA | 0 | 0 | 3,147 | 0 | 0 | 3,523 |
| 453 | POTASSIUM NITRATE | 244 | 0 | 766 | 1,424 | 0 | 4,477 |
| 463 | POTASSIUM SULFATE | 0 | 0 | 28,301 | 0 | 0 | 89,718 |
| 497 | POTASSIUM MATERIALS - ALL OTHER | 0 | 0 | 0 | 0 | 0 | 0 |
| 498 | POTASSIUM MATERIALS - COMPOST | 0 | 0 | 0 | 0 | 0 | 0 |
| 601 | BLOOD MEAL | 12 | 0 | 0 | 1 | 0 | 0 |
| 667 | SEWAGE SLUDGE | 2,691 | 897 | 449 | 11,496 | 3,832 | 1,916 |
| 0 | TOTAL | 249,037 | 81,522 | 119,275 | 239,668 | 78,302 | 169,795 |

STATE OF CALIFORNIA - DEPARTMENT OF FOOD AND AGRICULTURE
TONNAGE REPORT OF COMMERCIAL FERTILIZERS, AGRICULTURAL MINERALS, AND COMPOST
TOTAL TONS OF NUTRIENTS REPORTED FOR THE PERIOD INDICATED

| CODE | MATERIAL NAME | JAN-JUNE | JAN-JUNE | JAN-JUNE | JAN-JUNE | JAN-JUNE | JAN-JUNE |
|------|-----------------------------------|-----------|--------------|-------------|-----------|--------------|-------------|
| | | 2017 N | 2017 P2O5 | 2017 K2O | 2018 N | 2018 P2O5 | 2018 K2O |
| 0 | IDENTIFIED BY GRADE | 159,587 | 67,044 | 97,088 | 0 | 0 | 0 |
| 0 | NON-FARM USE NITROGEN | 0 | 0 | 0 | 25,145 | 0 | 0 |
| 0 | NON-FARM USE PHOSPHORUS | 0 | 0 | 0 | 0 | 13,105 | 0 |
| 0 | NON-FARM USE POTASH | 0 | 0 | 0 | 0 | 0 | 6,157 |
| 2 | ANHYDROUS AMMONIA | 4,937 | 0 | 0 | 3,351 | 0 | 0 |
| 6 | AQUA AMMONIA | 26,413 | 0 | 0 | 26,637 | 0 | 0 |
| 10 | AMMONIUM NITRATE | 150 | 0 | 0 | 380 | 0 | 0 |
| 12 | AMMONIUM NITRATE SOLUTION | 5,689 | 0 | 0 | 4,142 | 0 | 0 |
| 20 | AMMONIUM POLYSULFIDE | 262 | 0 | 0 | 88 | 0 | 0 |
| 24 | AMMONIUM SULFATE | 12,873 | 0 | 0 | 14,130 | 0 | 0 |
| 31 | AMMONIUM THIOSULFATE | 4,663 | 0 | 0 | 4,786 | 0 | 0 |
| 35 | CALCIUM AMMONIUM NITRATE SOLUTION | 22,186 | 0 | 0 | 18,184 | 0 | 0 |
| 43 | CALCIUM NITRATE | 2,959 | 0 | 0 | 1,167 | 0 | 0 |
| 58 | NITROGEN SOLUTION 28% | 604 | 0 | 0 | 582 | 0 | 0 |
| 60 | NITROGEN SOLUTION 32% | 98,740 | 0 | 0 | 120,796 | 0 | 0 |
| 62 | SODIUM NITRATE | 287 | 0 | 0 | 319 | 0 | 0 |
| 64 | SULFUR COATED UREA | 74 | 0 | 0 | 16 | 0 | 0 |
| 66 | UREA | 24,721 | 0 | 0 | 25,773 | 0 | 0 |
| 67 | UREA SOLUTION | 419 | 0 | 0 | 1,375 | 0 | 0 |
| 97 | NITROGEN MATERIALS - ALL OTHER | 0 | 0 | 0 | 137,451 | 0 | 0 |
| 98 | NITROGEN MATERIALS - COMPOST | 0 | 0 | 0 | 8,179 | 0 | 0 |
| 203 | DIAMMONIUM PHOSPHATE | 92 | 236 | 0 | 73 | 187 | 0 |
| 207 | AMMONIUM PHOSPHATE SULFATE | 1,911 | 2,388 | 0 | 1,814 | 2,267 | 0 |
| 209 | MONOAMMONIUM PHOSPHATE | 2,758 | 13,037 | 0 | 3,360 | 15,883 | 0 |
| 248 | PHOSPHORIC ACID | 0 | 4,345 | 0 | 0 | 4,980 | 0 |
| 249 | LIQUID AMMONIUM POLYPHOSPHATE | 3,437 | 11,686 | 0 | 3,763 | 12,795 | 0 |
| 263 | NORMAL SUPERPHOSPHATE | 0 | 422 | 0 | 0 | 7 | 0 |
| 267 | TRIPLE SUPERPHOSPHATE | 0 | 75 | 0 | 0 | 218 | 0 |
| 297 | PHOSPHORUS MATERIALS - ALL OTHER | 0 | 0 | 0 | 0 | 56,583 | 0 |
| 298 | PHOSPHORUS MATERIALS - COMPOST | 0 | 0 | 0 | 0 | 2,305 | 0 |
| 428 | MURIATE OF POTASH | 0 | 0 | 10,782 | 0 | 0 | 15,001 |
| 443 | SULFATE OF POTASH MAGNESIA | 0 | 0 | 1,027 | 0 | 0 | 5,588 |
| 453 | POTASSIUM NITRATE | 1,519 | 0 | 4,775 | 429 | 0 | 1,348 |
| 463 | POTASSIUM SULFATE | 0 | 0 | 26,775 | 0 | 0 | 28,755 |
| 497 | POTASSIUM MATERIALS - ALL OTHER | 0 | 0 | 0 | 0 | 0 | 88,044 |
| 498 | POTASSIUM MATERIALS - COMPOST | 0 | 0 | 0 | 0 | 0 | 2,915 |
| 601 | BLOOD MEAL | 4 | 0 | 0 | 3 | 0 | 0 |
| 667 | SEWAGE SLUDGE | 5,268 | 1,756 | 878 | 5,883 | 1,961 | 981 |
| 0 | TOTAL | 379,555 | 100,989 | 141,325 | 407,827 | 110,291 | 148,788 |

STATE OF CALIFORNIA - DEPARTMENT OF FOOD AND AGRICULTURE
TONNAGE REPORT OF COMMERCIAL FERTILIZERS, AGRICULTURAL MINERALS, AND COMPOST
TOTAL TONS OF NUTRIENTS REPORTED FOR THE PERIOD INDICATED

| CODE | MATERIAL NAME | JULY-JUNE | JULY-JUNE | JULY-JUNE | JULY-JUNE | JULY-JUNE | JULY-JUNE |
|------|-----------------------------------|------------|---------------|--------------|------------|---------------|--------------|
| | | 16-17 N | 16-17 P2O5 | 16-17 K2O | 17-18 N | 17-18 P2O5 | 17-18 K2O |
| 0 | IDENTIFIED BY GRADE | 290,381 | 119,542 | 166,898 | 116,145 | 42,161 | 57,186 |
| 0 | NON-FARM USE NITROGEN | 0 | 0 | 0 | 25,145 | 0 | 0 |
| 0 | NON-FARM USE PHOSPHORUS | 0 | 0 | 0 | 0 | 13,105 | 0 |
| 0 | NON-FARM USE POTASH | 0 | 0 | 0 | 0 | 0 | 6,157 |
| 2 | ANHYDROUS AMMONIA | 9,961 | 0 | 0 | 7,583 | 0 | 0 |
| 6 | AQUA AMMONIA | 29,226 | 0 | 0 | 28,814 | 0 | 0 |
| 10 | AMMONIUM NITRATE | 1,055 | 0 | 0 | 1,004 | 0 | 0 |
| 12 | AMMONIUM NITRATE SOLUTION | 10,466 | 0 | 0 | 9,277 | 0 | 0 |
| 20 | AMMONIUM POLYSULFIDE | 590 | 0 | 0 | 88 | 0 | 0 |
| 24 | AMMONIUM SULFATE | 19,602 | 0 | 0 | 21,472 | 0 | 0 |
| 31 | AMMONIUM THIOSULFATE | 6,525 | 0 | 0 | 6,738 | 0 | 0 |
| 35 | CALCIUM AMMONIUM NITRATE SOLUTION | 31,754 | 0 | 0 | 25,483 | 0 | 0 |
| 43 | CALCIUM NITRATE | 4,301 | 0 | 0 | 2,456 | 0 | 0 |
| 58 | NITROGEN SOLUTION 28% | 3,240 | 0 | 0 | 842 | 0 | 0 |
| 60 | NITROGEN SOLUTION 32% | 145,903 | 0 | 0 | 171,751 | 0 | 0 |
| 62 | SODIUM NITRATE | 331 | 0 | 0 | 653 | 0 | 0 |
| 64 | SULFUR COATED UREA | 279 | 0 | 0 | 23 | 0 | 0 |
| 66 | UREA | 49,984 | 0 | 0 | 46,703 | 0 | 0 |
| 67 | UREA SOLUTION | 1,094 | 0 | 0 | 2,531 | 0 | 0 |
| 97 | NITROGEN MATERIALS - ALL OTHER | 0 | 0 | 0 | 137,451 | 0 | 0 |
| 98 | NITROGEN MATERIALS - COMPOST | 0 | 0 | 0 | 8,179 | 0 | 0 |
| 203 | DIAMMONIUM PHOSPHATE | 95 | 242 | 0 | 75 | 192 | 0 |
| 207 | AMMONIUM PHOSPHATE SULFATE | 2,416 | 3,020 | 0 | 2,603 | 3,254 | 0 |
| 209 | MONOAMMONIUM PHOSPHATE | 6,467 | 30,569 | 0 | 7,598 | 35,919 | 0 |
| 248 | PHOSPHORIC ACID | 0 | 7,706 | 0 | 0 | 9,559 | 0 |
| 249 | LIQUID AMMONIUM POLYPHOSPHATE | 5,186 | 17,632 | 0 | 5,644 | 19,189 | 0 |
| 263 | NORMAL SUPERPHOSPHATE | 0 | 909 | 0 | 0 | 7 | 0 |
| 267 | TRIPLE SUPERPHOSPHATE | 0 | 239 | 0 | 0 | 528 | 0 |
| 297 | PHOSPHORUS MATERIALS - ALL OTHER | 0 | 0 | 0 | 0 | 56,583 | 0 |
| 298 | PHOSPHORUS MATERIALS - COMPOST | 0 | 0 | 0 | 0 | 2,305 | 0 |
| 428 | MURIATE OF POTASH | 0 | 0 | 27,586 | 0 | 0 | 27,976 |
| 443 | SULFATE OF POTASH MAGNESIA | 0 | 0 | 4,174 | 0 | 0 | 9,111 |
| 453 | POTASSIUM NITRATE | 1,763 | 0 | 5,541 | 1,853 | 0 | 5,824 |
| 463 | POTASSIUM SULFATE | 0 | 0 | 55,076 | 0 | 0 | 118,473 |
| 497 | POTASSIUM MATERIALS - ALL OTHER | 0 | 0 | 0 | 0 | 0 | 88,044 |
| 498 | POTASSIUM MATERIALS - COMPOST | 0 | 0 | 0 | 0 | 0 | 2,915 |
| 601 | BLOOD MEAL | 16 | 0 | 0 | 5 | 0 | 0 |
| 667 | SEWAGE SLUDGE | 7,959 | 2,653 | 1,327 | 17,379 | 5,793 | 2,897 |
| 0 | TOTAL | 628,592 | 182,512 | 260,600 | 647,495 | 188,593 | 318,583 |

STATE OF CALIFORNIA - DEPARTMENT OF FOOD AND AGRICULTURE
 TONNAGE REPORT OF COMMERCIAL FERTILIZERS, AGRICULTURAL MINERALS, AND COMPOST
 JANUARY-JUNE 2018
 TONS OF NITROGEN MATERIALS - FARM USE AND NON-FARM USE

| COUNTY | ANHYDROUS AMMONIA | AQUA AMMONIA | AMMONIUM NITRATE | AMMONIUM NITRATE SOLUTION | AMMONIUM POLYSULFIDE | AMMONIUM SULFATE | AMMONIUM THIOSULFATE | BLOOD MEAL | CALCIUM AMMONIUM NITRATE SOLUTION | CALCIUM NITRATE | NITROGEN SOLUTION 28% | NITROGEN SOLUTION 32% | SODIUM NITRATE | SULFUR COATED UREA | UREA | UREA SOLUTION | NITROGEN MATERIALS - ALL OTHER | NITROGEN MATERIALS - COMPOST | NON-FARM USE NITROGEN |
|-----------------|-------------------|----------------|------------------|---------------------------|----------------------|------------------|----------------------|------------|-----------------------------------|-----------------|-----------------------|-----------------------|----------------|--------------------|---------------|---------------|--------------------------------|------------------------------|-----------------------|
| ALAMEDA | 0 | 2 | 13 | 0 | 0 | 22 | 73 | 0 | 0 | 5 | 0 | 3,922 | 0 | 0 | 32 | 0 | 487 | 0 | 896 |
| ALPINE | 0 | 0 | 0 | 0 | 0 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 847 |
| AMADOR | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 0 | 41 | 0 | 0 | 4 | 0 | 0 | 4 | 0 | 56 | 0 | 1 |
| BUTTE | 0 | 44,623 | 0 | 64 | 0 | 19,391 | 1,204 | 0 | 1,157 | 174 | 0 | 7,088 | 0 | 0 | 1,624 | 5,030 | 586 | 94 | 522 |
| CALAVERAS | 0 | 0 | 0 | 4 | 0 | 0 | 16 | 0 | 19 | 0 | 0 | 0 | 104 | 0 | 4 | 0 | 1,338 | 0 | 37 |
| COLUSA | 610 | 33,930 | 0 | 0 | 0 | 2,372 | 552 | 0 | 4,615 | 2 | 109 | 8,776 | 0 | 0 | 1,307 | 0 | 1,361 | 175 | 5 |
| CONTRA COSTA | 0 | 73 | 4 | 20 | 0 | 119 | 506 | 0 | 969 | 48 | 0 | 2,354 | 0 | 0 | 189 | 0 | 352 | 0 | 284 |
| DEL NORTE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| EL DORADO | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 5 | 0 | 193 | 0 | 0 |
| FRESNO | 294 | 277 | 122 | 71 | 35 | 2,215 | 13,201 | 0 | 11,949 | 1,667 | 127 | 77,702 | 6 | 0 | 8,031 | 43 | 33,947 | 144 | 171 |
| GLENN | 0 | 11,246 | 0 | 0 | 0 | 5,406 | 766 | 0 | 1,340 | 11 | 28 | 7,028 | 0 | 0 | 255 | 4 | 279 | 133 | 3 |
| HUMBOLDT | 0 | 0 | 0 | 1 | 0 | 4 | 0 | 18 | 0 | 70 | 0 | 0 | 0 | 0 | 0 | 0 | 139 | 8 | 1,126 |
| IMPERIAL | 0 | 0 | 7 | 2,555 | 0 | 2,362 | 6 | 0 | 2,769 | 0 | 364 | 24,321 | 78 | 8 | 17,251 | 0 | 5,939 | 321 | 2 |
| INYO | 0 | 0 | 0 | 0 | 0 | 16 | 0 | 0 | 17 | 10 | 0 | 81 | 0 | 0 | 42 | 0 | 94 | 0 | 1 |
| KERN | 154 | 1 | 0 | 70 | 0 | 797 | 5,363 | 0 | 6,952 | 343 | 0 | 74,242 | 0 | 0 | 1,281 | 13 | 8,591 | 134 | 316 |
| KINGS | 350 | 3 | 0 | 0 | 0 | 173 | 1,794 | 0 | 1,643 | 66 | 0 | 23,610 | 0 | 0 | 768 | 10 | 2,282 | 279 | 0 |
| LAKE | 0 | 0 | 0 | 0 | 0 | 62 | 0 | 0 | 210 | 7 | 86 | 22 | 0 | 0 | 42 | 0 | 37 | 3 | 19 |
| LASSEN | 0 | 0 | 0 | 181 | 0 | 103 | 0 | 0 | 0 | 0 | 0 | 60 | 0 | 0 | 288 | 0 | 22 | 0 | 0 |
| LOS ANGELES | 0 | 178 | 2 | 1 | 0 | 229 | 29 | 0 | 29 | 14 | 0 | 364 | 0 | 0 | 346 | 4 | 2,376 | 8 | 2,764 |
| MADERA | 0 | 23 | 192 | 352 | 0 | 108 | 1,757 | 0 | 10,085 | 4 | 9 | 22,142 | 0 | 0 | 207 | 210 | 883 | 149 | 8 |
| MARIN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 17 | 0 | 208 |
| MARIPOSA | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| MENDOCINO | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 11 | 0 | 0 | 21 | 0 | 0 | 11 | 0 | 294 | 42 | 765 |
| MERCED | 82 | 2 | 43 | 813 | 0 | 1,199 | 3,300 | 0 | 6,892 | 179 | 1 | 13,516 | 0 | 0 | 1,072 | 8 | 7,149 | 33 | 20 |
| MODOC | 0 | 0 | 0 | 98 | 0 | 927 | 8 | 0 | 5 | 0 | 0 | 223 | 0 | 0 | 2,164 | 0 | 422 | 1,894 | 1 |
| MONO | 0 | 0 | 0 | 0 | 0 | 29 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 45 | 0 | 5 | 0 | 0 |
| MONTEREY | 0 | 0 | 11 | 8,448 | 404 | 1,597 | 1,402 | 4 | 6,884 | 1,402 | 735 | 6,283 | 0 | 0 | 2,864 | 298 | 17,968 | 2 | 498 |
| NAPA | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 42 | 149 | 0 | 0 | 0 | 0 | 6 | 0 | 3,288 | 0 | 6 |
| NEVADA | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 13 | 0 | 5 | 0 | 0 | 0 | 0 | 30 | 2 | 249 |
| ORANGE | 0 | 0 | 0 | 2 | 0 | 209 | 1 | 0 | 170 | 43 | 0 | 102 | 17 | 0 | 74 | 1 | 2,855 | 735 | 0 |
| PLACER | 0 | 1,481 | 11 | 156 | 0 | 71 | 9 | 0 | 81 | 14 | 0 | 30 | 0 | 0 | 92 | 0 | 208 | 0 | 748 |
| PLUMAS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 9 |
| RIVERSIDE | 260 | 0 | 0 | 3,676 | 0 | 541 | 822 | 0 | 4,095 | 267 | 1 | 7,697 | 0 | 0 | 666 | 3 | 6,236 | 152 | 2,305 |
| SACRAMENTO | 590 | 1,900 | 9 | 10 | 0 | 423 | 63 | 0 | 479 | 383 | 0 | 2,311 | 0 | 0 | 881 | 0 | 1,774 | 0 | 1,435 |
| SAN BENITO | 0 | 0 | 0 | 8 | 0 | 11 | 14 | 0 | 748 | 17 | 0 | 238 | 0 | 0 | 23 | 0 | 1,611 | 2 | 3 |
| SAN BERNARDINO | 0 | 0 | 5 | 0 | 0 | 118 | 0 | 0 | 26 | 42 | 0 | 57 | 0 | 0 | 167 | 0 | 674 | 26 | 2,850 |
| SAN DIEGO | 46 | 0 | 315 | 143 | 0 | 137 | 3 | 0 | 293 | 337 | 107 | 135 | 0 | 0 | 86 | 0 | 2,929 | 0 | 739 |
| SAN FRANCISCO | 0 | 330 | 0 | 0 | 0 | 59 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 1 | 0 | 0 | 0 | 275 |
| SAN JOAQUIN | 56 | 0 | 99 | 98 | 0 | 1,701 | 2,411 | 0 | 7,943 | 520 | 8 | 15,213 | 0 | 0 | 2,752 | 22 | 6,362 | 0 | 1,006 |
| SAN LUIS OBISPO | 0 | 0 | 0 | 450 | 0 | 422 | 74 | 0 | 584 | 29 | 15 | 1,933 | 0 | 6 | 44 | 109 | 327 | 0 | 71 |
| SAN MATEO | 0 | 79 | 11 | 0 | 0 | 47 | 7 | 0 | 0 | 53 | 0 | 9 | 0 | 0 | 10 | 0 | 682 | 7 | 145 |
| SANTA BARBARA | 0 | 0 | 1 | 1,227 | 0 | 238 | 590 | 0 | 1,190 | 219 | 2 | 4,316 | 0 | 0 | 31 | 1,088 | 2,750 | 185 | 174 |
| SANTA CLARA | 0 | 0 | 0 | 43 | 0 | 41 | 28 | 0 | 216 | 33 | 0 | 232 | 0 | 0 | 22 | 0 | 553 | 135 | 701 |
| SANTA CRUZ | 0 | 0 | 1 | 4 | 0 | 99 | 0 | 1 | 1 | 32 | 0 | 0 | 0 | 0 | 72 | 0 | 609 | 44 | 357 |
| SHASTA | 0 | 131 | 2 | 201 | 0 | 708 | 3 | 0 | 3 | 2 | 0 | 58 | 0 | 0 | 2,304 | 0 | 119 | 7 | 126 |
| SIERRA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SISKIYOU | 0 | 0 | 1 | 0 | 0 | 1,499 | 128 | 0 | 357 | 0 | 0 | 410 | 0 | 0 | 2,617 | 1 | 472 | 2,672 | 241 |
| SOLANO | 468 | 470 | 0 | 0 | 0 | 1,044 | 10 | 0 | 658 | 0 | 0 | 726 | 1,782 | 0 | 307 | 0 | 15 | 74 | 99 |
| SONOMA | 0 | 0 | 8 | 0 | 0 | 65 | 0 | 6 | 75 | 172 | 0 | 22 | 0 | 0 | 43 | 0 | 128 | 27 | 1,459 |
| STANISLAUS | 435 | 0 | 0 | 409 | 0 | 7,681 | 1,056 | 0 | 22,043 | 143 | 4 | 36,960 | 0 | 0 | 2,116 | 22 | 3,596 | 403 | 123 |
| SUTTER | 0 | 25,859 | 0 | 140 | 0 | 3,765 | 1,102 | 0 | 1,381 | 447 | 265 | 6,734 | 6 | 0 | 977 | 0 | 114 | 113 | 36 |
| TEHAMA | 0 | 12 | 0 | 0 | 0 | 3,588 | 65 | 0 | 342 | 0 | 0 | 1,077 | 0 | 0 | 174 | 0 | 91 | 0 | 62 |
| TRINITY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 15 |
| TULARE | 688 | 3 | 262 | 0 | 0 | 1,941 | 2,713 | 0 | 3,833 | 754 | 2 | 16,875 | 0 | 22 | 2,986 | 3 | 9,014 | 790 | 447 |
| TUOLUMNE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 4 |
| VENTURA | 0 | 0 | 0 | 897 | 0 | 20 | 53 | 0 | 2,926 | 45 | 0 | 1,343 | 0 | 8 | 54 | 6 | 2,497 | 6 | 152 |
| YOLO | 53 | 7,107 | 0 | 0 | 0 | 4,772 | 643 | 0 | 2,601 | 2 | 0 | 7,107 | 0 | 0 | 981 | 0 | 1,947 | 48 | 51 |
| YUBA | 0 | 4,662 | 0 | 554 | 0 | 565 | 0 | 0 | 972 | 12 | 237 | 907 | 1 | 0 | 615 | 0 | 70 | 65 | 52 |
| ** UNKNOWN ** | 0 | 794 | 0 | 14 | 0 | 343 | 105 | 0 | 275 | 0 | 0 | 974 | 0 | 0 | 92 | 1 | 3,858 | 0 | 1,906 |
| TOTAL | 4,086 | 133,186 | 1,119 | 20,711 | 439 | 67,285 | 39,682 | 29 | 106,921 | 7,779 | 2,080 | 377,488 | 1,994 | 44 | 56,029 | 6,876 | 137,451 | 8,179 | 25,145 |

STATE OF CALIFORNIA - DEPARTMENT OF FOOD AND AGRICULTURE
 TONNAGE REPORT OF COMMERCIAL FERTILIZERS, AGRICULTURAL MINERALS, AND COMPOST
 JANUARY-JUNE 2018
 TONS OF PHOSPHORUS AND POTASSIUM MATERIALS - FARM USE AND NON-FARM USE

| COUNTY | DIAMMONIUM PHOSPHATE | AMMONIUM PHOSPHATE SULFATE | MONOAMMONIUM PHOSPHATE | PHOSPHORIC ACID | LIQUID AMMONIUM POLYPHOSPHATE | NORMAL SUPERPHOSPHATE | TRIPLE SUPERPHOSPHATE | PHOSPHORUS MATERIALS - ALL OTHER | PHOSPHORUS MATERIALS - COMPOST | NON-FARM USE PHOSPHORUS | MURIATE OF POTASH | SULFATE OF POTASH MAGNESIA | POTASSIUM NITRATE | POTASSIUM SULFATE | POTASSIUM MATERIALS - ALL OTHER | POTASSIUM MATERIALS - COMPOST | NON-FARM USE POTASH |
|-----------------|----------------------|----------------------------|------------------------|-----------------|-------------------------------|-----------------------|-----------------------|----------------------------------|--------------------------------|-------------------------|-------------------|----------------------------|-------------------|-------------------|---------------------------------|-------------------------------|---------------------|
| ALAMEDA | 0 | 30 | 0 | 0 | 2 | 0 | 4 | 121 | 0 | 42 | 9 | 0 | 1 | 0 | 102 | 0 | 82 |
| ALPINE | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 |
| AMADOR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 0 | 1 | 0 | 0 | 0 | 25 | 0 | 1 | |
| BUTTE | 0 | 2,229 | 3,364 | 0 | 2,976 | 0 | 0 | 305 | 101 | 435 | 4,282 | 2,674 | 117 | 7,811 | 848 | 104 | 338 |
| CALAVERAS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 510 | 0 | 3 | 28 | 0 | 0 | 420 | 0 | 2 | |
| COLUSA | 193 | 2,255 | 618 | 7 | 4,323 | 0 | 0 | 1,116 | 186 | 4 | 12 | 394 | 100 | 1,724 | 1,515 | 192 | 0 |
| CONTRA COSTA | 0 | 1 | 0 | 3 | 197 | 0 | 2 | 210 | 0 | 155 | 391 | 0 | 5 | 34 | 327 | 0 | 261 |
| DEL NORTE | 0 | 0 | 0 | 44 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| EL DORADO | 0 | 4 | 0 | 0 | 0 | 0 | 13 | 103 | 0 | 10 | 24 | 0 | 0 | 5 | 17 | 0 | 11 |
| FRESNO | 8 | 510 | 1,330 | 1,362 | 2,969 | 0 | 105 | 11,305 | 140 | 40 | 4,615 | 9,315 | 362 | 3,498 | 24,303 | 224 | 122 |
| GLENN | 0 | 242 | 3,598 | 0 | 159 | 0 | 0 | 346 | 148 | 0 | 42 | 0 | 13 | 6,164 | 538 | 148 | 1 |
| HUMBOLDT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 59 | 45 | 417 | 0 | 6 | 1 | 0 | 34 | 8 | 419 |
| IMPERIAL | 1 | 2 | 2,758 | 1,561 | 3,241 | 0 | 0 | 3,613 | 340 | 891 | 105 | 16 | 98 | 890 | 972 | 344 | 0 |
| INYO | 0 | 3 | 25 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 2 | 0 | 15 | 0 | 1 |
| KERN | 17 | 487 | 1,572 | 719 | 5,813 | 0 | 3 | 5,093 | 78 | 270 | 3,105 | 7,417 | 618 | 5,844 | 17,040 | 138 | 130 |
| KINGS | 1 | 0 | 106 | 1,233 | 1,830 | 0 | 0 | 797 | 264 | 1,484 | 1,290 | 0 | 20 | 1,420 | 1,852 | 35 | 2 |
| LAKE | 0 | 0 | 112 | 0 | 98 | 0 | 0 | 29 | 1 | 3 | 91 | 0 | 1 | 21 | 13 | 2 | 2 |
| LASSEN | 0 | 89 | 219 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 285 | 0 | 0 | 2 | 0 | 0 | 0 |
| LOS ANGELES | 0 | 159 | 70 | 26 | 135 | 0 | 22 | 160 | 4 | 534 | 31 | 124 | 3 | 55 | 79 | 7 | 349 |
| MADEIRA | 0 | 0 | 109 | 265 | 656 | 0 | 0 | 370 | 100 | 1 | 196 | 0 | 86 | 543 | 2,152 | 159 | 1 |
| MARIN | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 1 | 61 | 7 | 0 | 0 | 0 | 0 | 2 | 61 | 11 |
| MARIPOSA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 |
| MENDOCINO | 0 | 0 | 24 | 0 | 14 | 0 | 0 | 161 | 20 | 159 | 0 | 11 | 0 | 125 | 152 | 37 | 206 |
| MERCED | 0 | 1 | 1,146 | 8 | 1,332 | 0 | 0 | 2,905 | 32 | 2 | 915 | 504 | 114 | 2,455 | 5,335 | 59 | 6 |
| MODOC | 0 | 1,353 | 627 | 0 | 8 | 0 | 0 | 37 | 0 | 0 | 344 | 0 | 0 | 423 | 90 | 0 | 0 |
| MONO | 0 | 48 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 0 | 0 | 0 | 0 | 0 | 0 |
| MONTEREY | 0 | 573 | 273 | 1,601 | 136 | 0 | 43 | 5,354 | 2 | 245 | 139 | 1,187 | 120 | 2,185 | 6,195 | 4 | 116 |
| NAPA | 0 | 37 | 39 | 0 | 9 | 0 | 30 | 1,416 | 0 | 3 | 0 | 0 | 4 | 159 | 2,136 | 0 | 4 |
| NEVADA | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 27 | 1 | 15 | 0 | 3 | 0 | 1 | 42 | 1 | 11 |
| ORANGE | 0 | 22 | 6 | 0 | 0 | 0 | 31 | 452 | 2 | 167 | 189 | 9 | 19 | 54 | 141 | 1 | 113 |
| PLACER | 0 | 80 | 104 | 0 | 0 | 0 | 0 | 28 | 0 | 40 | 124 | 0 | 0 | 61 | 43 | 0 | 109 |
| PLUMAS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 3 |
| RIVERSIDE | 0 | 4 | 2,892 | 1,084 | 3,450 | 0 | 85 | 1,310 | 122 | 756 | 860 | 37 | 122 | 545 | 576 | 356 | 346 |
| SACRAMENTO | 0 | 171 | 87 | 0 | 341 | 0 | 43 | 1,046 | 0 | 166 | 101 | 147 | 1 | 293 | 2,355 | 0 | 180 |
| SAN BENITO | 0 | 0 | 10 | 0 | 34 | 0 | 0 | 734 | 3 | 1 | 285 | 0 | 0 | 24 | 201 | 4 | 1 |
| SAN BERNARDINO | 0 | 3 | 85 | 13 | 35 | 0 | 4 | 40 | 15 | 426 | 0 | 1 | 10 | 4 | 32 | 23 | 430 |
| SAN DIEGO | 0 | 7 | 247 | 106 | 0 | 28 | 43 | 226 | 8 | 173 | 8 | 296 | 81 | 1,143 | 172 | 4 | 170 |
| SAN FRANCISCO | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 65 | 0 | 0 | 1 | 0 | 1 | 0 | 11 |
| SAN JOAQUIN | 0 | 1 | 313 | 26 | 469 | 0 | 0 | 2,053 | 15 | 395 | 706 | 310 | 24 | 2,931 | 4,973 | 0 | 503 |
| SAN LUIS OBISPO | 0 | 58 | 6 | 0 | 73 | 0 | 0 | 89 | 0 | 28 | 65 | 578 | 308 | 477 | 488 | 0 | 68 |
| SAN MATEO | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 127 | 6 | 32 | 15 | 2 | 23 | 5 | 139 | 11 | 41 |
| SANTA BARBARA | 0 | 4 | 64 | 8 | 88 | 0 | 1 | 2,680 | 5 | 21 | 2 | 272 | 22 | 542 | 2,146 | 1 | 27 |
| SANTA CLARA | 0 | 0 | 0 | 3 | 0 | 0 | 1 | 270 | 53 | 132 | 1 | 1 | 9 | 48 | 472 | 107 | 211 |
| SANTA CRUZ | 0 | 0 | 4 | 2 | 11 | 0 | 1 | 144 | 0 | 36 | 13 | 0 | 29 | 130 | 99 | 8 | 8 |
| SHASTA | 0 | 225 | 575 | 0 | 3 | 0 | 0 | 21 | 8 | 16 | 357 | 0 | 0 | 60 | 17 | 8 | 27 |
| SIERRA | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SISKIYOU | 0 | 1,040 | 843 | 0 | 63 | 0 | 0 | 246 | 0 | 43 | 857 | 0 | 2 | 678 | 119 | 0 | 77 |
| SOLANO | 0 | 172 | 3,352 | 46 | 73 | 0 | 0 | 3,714 | 40 | 1,952 | 27 | 0 | 0 | 1 | 3 | 45 | 126 |
| SONOMA | 0 | 0 | 1 | 0 | 136 | 1 | 8 | 168 | 13 | 28 | 1 | 12 | 14 | 88 | 148 | 25 | 43 |
| STANISLAUS | 0 | 92 | 2,119 | 25 | 1,627 | 0 | 0 | 3,153 | 179 | 40 | 2,563 | 882 | 173 | 7,124 | 5,852 | 229 | 66 |
| SUTTER | 0 | 903 | 460 | 0 | 902 | 0 | 1 | 79 | 126 | 8 | 232 | 36 | 137 | 2,829 | 124 | 126 | 3 |
| TEHAMA | 0 | 9 | 1,820 | 0 | 19 | 0 | 0 | 66 | 0 | 11 | 107 | 0 | 24 | 2,042 | 107 | 0 | 15 |
| TRINITY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| TULARE | 187 | 0 | 596 | 812 | 693 | 0 | 1 | 1,778 | 50 | 2,885 | 1,276 | 1,113 | 269 | 2,355 | 3,225 | 245 | 25 |
| TUOLUMNE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| VENTURA | 0 | 228 | 203 | 210 | 13 | 0 | 13 | 974 | 17 | 22 | 183 | 11 | 49 | 845 | 664 | 33 | 425 |
| YOLO | 0 | 121 | 341 | 46 | 1,431 | 0 | 8 | 341 | 44 | 23 | 277 | 33 | 29 | 1,368 | 691 | 50 | 24 |
| YUBA | 0 | 148 | 315 | 0 | 271 | 0 | 0 | 13 | 40 | 4 | 671 | 3 | 52 | 414 | 18 | 55 | 5 |
| ** UNKNOWN ** | 0 | 8 | 97 | 0 | 4,001 | 0 | 10 | 2,762 | 0 | 900 | 156 | 0 | 1 | 2 | 853 | 0 | 1,016 |
| TOTAL | 407 | 11,335 | 30,545 | 9,223 | 37,631 | 30 | 473 | 56,583 | 2,305 | 13,105 | 25,001 | 25,396 | 3,063 | 57,510 | 88,044 | 2,915 | 6,157 |

STATE OF CALIFORNIA - DEPARTMENT OF FOOD AND AGRICULTURE
 TONNAGE REPORT OF COMMERCIAL FERTILIZERS, AGRICULTURAL MINERALS, AND COMPOST
 JANUARY-JUNE 2018
 TONS OF AGRICULTURAL MINERALS AND BULK COMPOST - FARM USE AND NON-FARM USE

| COUNTY | COPPER - ALL MATERIALS | IRON - ALL MATERIALS | GYPSUM - ALL MATERIALS | LIMING MATERIALS - ALL MATERIALS | SEWAGE SLUDGE | SULFUR | SULFURIC ACID | SECONDARY/MICRONUTRIENTS - ALL OTHER | NON-FARM USE SECONDARY/MICRONUTRIENTS | OIM BULK COMPOST - NO NUTRIENTS |
|-----------------|------------------------|----------------------|------------------------|----------------------------------|---------------|---------------|---------------|--------------------------------------|---------------------------------------|---------------------------------|
| ALAMEDA | 0 | 14 | 90 | 1 | 0 | 12 | 0 | 1,559 | 71 | 3,000 |
| ALPINE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AMADOR | 0 | 0 | 0 | 707 | 0 | 32 | 0 | 11 | 0 | 0 |
| BUTTE | 8 | 1 | 3,113 | 254 | 0 | 821 | 83 | 3,183 | 182 | 25 |
| CALAVERAS | 0 | 0 | 87 | 53 | 0 | 58 | 0 | 40 | 909 | 0 |
| COLUSA | 5 | 2 | 11,996 | 382 | 0 | 231 | 881 | 7,700 | 44 | 0 |
| CONTRA COSTA | 0 | 6 | 120 | 4 | 0 | 674 | 0 | 284 | 1 | 0 |
| DEL NORTE | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 5 | 0 | 0 |
| EL DORADO | 0 | 2 | 0 | 687 | 0 | 27 | 0 | 37 | 64 | 0 |
| FRESNO | 152 | 144 | 88,893 | 2,350 | 534 | 5,119 | 2,757 | 45,387 | 373 | 5,519 |
| GLENN | 2 | 0 | 4,031 | 978 | 0 | 1,704 | 9 | 1,319 | 0 | 0 |
| HUMBOLDT | 0 | 0 | 58 | 195 | 0 | 1 | 0 | 128 | 106 | 0 |
| IMPERIAL | 1 | 24 | 682 | 12,476 | 94 | 1,218 | 1,349 | 3,099 | 258 | 1,156 |
| INYO | 0 | 7 | 1 | 21 | 0 | 4 | 1 | 13 | 0 | 0 |
| KERN | 176 | 80 | 219,995 | 4,870 | 36,235 | 18,829 | 19,355 | 61,411 | 5,658 | 16,448 |
| KINGS | 7 | 377 | 92,134 | 6,056 | 0 | 4,414 | 36,358 | 7,224 | 406 | 0 |
| LAKE | 0 | 0 | 97 | 1 | 0 | 7 | 0 | 144 | 0 | 1,425 |
| LASSEN | 1 | 0 | 150 | 0 | 0 | 73 | 0 | 3 | 0 | 0 |
| LOS ANGELES | 1 | 521 | 327 | 65 | 77 | 10 | 569 | 1,100 | 216 | 0 |
| MADERA | 6 | 4 | 3,009 | 1,798 | 12,689 | 1,221 | 2,829 | 7,528 | 29 | 172 |
| MARIN | 0 | 2 | 76 | 1 | 0 | 0 | 0 | 30 | 122 | 550 |
| MARIPOSA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MENDOCINO | 0 | 0 | 283 | 22 | 0 | 0 | 0 | 262 | 29 | 0 |
| MERCED | 7 | 5 | 19,340 | 3,712 | 224 | 4,793 | 5,169 | 12,782 | 1 | 0 |
| MODOC | 3 | 0 | 521 | 0 | 0 | 633 | 0 | 180 | 0 | 0 |
| MONO | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 0 |
| MONTEREY | 9 | 12 | 2,074 | 14,358 | 0 | 244 | 494 | 2,370 | 20 | 60,374 |
| NAPA | 0 | 0 | 5,941 | 526 | 0 | 16 | 0 | 6,069 | 0 | 13,765 |
| NEVADA | 0 | 1 | 4 | 3 | 0 | 5 | 0 | 35 | 16 | 0 |
| ORANGE | 0 | 87 | 157 | 21 | 67 | 56 | 0 | 858 | 48 | 5 |
| PLACER | 0 | 1 | 178 | 25 | 0 | 11 | 0 | 92 | 17 | 0 |
| PLUMAS | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 |
| RIVERSIDE | 1 | 106 | 918 | 349 | 21,120 | 189 | 59 | 1,793 | 431 | 27,590 |
| SACRAMENTO | 0 | 19 | 520 | 108 | 1,878 | 351 | 1,224 | 9,867 | 1,359 | 0 |
| SAN BENITO | 0 | 0 | 1,227 | 121 | 0 | 22 | 40 | 188 | 0 | 12 |
| SAN BERNARDINO | 0 | 120 | 148 | 8 | 3,455 | 28 | 0 | 186 | 274 | 0 |
| SAN DIEGO | 4 | 113 | 1,030 | 95 | 50 | 44 | 0 | 851 | 49 | 4,786 |
| SAN FRANCISCO | 1 | 2 | 13 | 3 | 0 | 0 | 0 | 49 | 1 | 0 |
| SAN JOAQUIN | 3 | 39 | 26,279 | 9,567 | 0 | 6,745 | 719 | 12,587 | 34 | 0 |
| SAN LUIS OBISPO | 5 | 12 | 486 | 31 | 0 | 18 | 2 | 996 | 8 | 145 |
| SAN MATEO | 0 | 12 | 134 | 169 | 0 | 12 | 1 | 165 | 3 | 0 |
| SANTA BARBARA | 2 | 39 | 7,968 | 9,111 | 0 | 687 | 47 | 4,248 | 310 | 0 |
| SANTA CLARA | 0 | 89 | 313 | 67 | 0 | 5 | 19 | 327 | 11 | 0 |
| SANTA CRUZ | 1 | 3 | 672 | 1,833 | 0 | 0 | 18 | 100 | 15 | 24 |
| SHASTA | 31 | 9 | 735 | 1,156 | 9 | 44 | 37 | 202 | 28 | 70 |
| SIERRA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SISKIYOU | 6 | 150 | 870 | 255 | 0 | 2,046 | 113 | 213 | 7 | 0 |
| SOLANO | 0 | 0 | 37 | 983 | 21,278 | 165 | 0 | 226 | 201 | 3,000 |
| SONOMA | 0 | 23 | 3,437 | 1,688 | 0 | 23 | 0 | 179 | 159 | 11,422 |
| STANISLAUS | 30 | 29 | 40,591 | 2,271 | 0 | 11,515 | 977 | 6,408 | 215 | 0 |
| SUTTER | 8 | 0 | 4,289 | 81 | 0 | 807 | 15 | 3,006 | 7 | 0 |
| TEHAMA | 5 | 0 | 1,275 | 154 | 0 | 333 | 4 | 1,166 | 0 | 0 |
| TRINITY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TULARE | 40 | 91 | 35,249 | 4,387 | 50 | 4,771 | 8,395 | 18,402 | 261 | 1,032 |
| TUOLUMNE | 0 | 0 | 0 | 27,605 | 0 | 2 | 0 | 0 | 0 | 1,135 |
| VENTURA | 1 | 31 | 18,897 | 12 | 304 | 196 | 33 | 1,451 | 19 | 361 |
| YOLO | 0 | 0 | 11,644 | 4 | 0 | 480 | 76 | 4,186 | 27 | 26,756 |
| YUBA | 1 | 0 | 592 | 101 | 0 | 80 | 0 | 237 | 4 | 0 |
| ** UNKNOWN ** | 0 | 6 | 553 | 0 | 0 | 0 | 0 | 541 | 794 | 0 |
| TOTAL | 517 | 2,185 | 611,234 | 109,726 | 98,055 | 68,776 | 81,633 | 230,432 | 12,790 | 178,772 |

STATE OF CALIFORNIA - DEPARTMENT OF FOOD AND AGRICULTURE
TONNAGE REPORT OF COMMERCIAL FERTILIZERS, AGRICULTURAL MINERALS, AND COMPOST
JANUARY-JUNE 2018
TONS OF MATERIALS BY USE

| COUNTY | FARM USE DRY PACKAGED | FARM USE DRY BULK | FARM USE LIQUID | FARM USE TOTAL | AG MIN DRY PACKAGED | AG MIN DRY BULK | AG MIN LIQUID | AG MIN TOTAL | NON-FARM USE DRY | NON-FARM USE LIQUID | NON-FARM USE TOTAL | TOTAL ALL |
|-----------------|--------------------------|----------------------|--------------------|-------------------|------------------------|--------------------|------------------|------------------|---------------------|------------------------|-----------------------|------------------|
| ALAMEDA | 672 | 3,326 | 5,511 | 9,509 | 92 | 169 | 1,415 | 1,676 | 495 | 596 | 1,091 | 10,600 |
| ALPINE | 0 | 43 | 0 | 43 | 0 | 0 | 0 | 0 | 703 | 144 | 847 | 890 |
| AMADOR | 26 | 798 | 88 | 912 | 5 | 715 | 30 | 750 | 3 | 0 | 3 | 915 |
| BUTTE | 1,147 | 45,303 | 66,884 | 113,334 | 487 | 4,996 | 1,980 | 7,463 | 479 | 998 | 1,477 | 114,811 |
| CALAVERAS | 304 | 714 | 1,663 | 2,681 | 6 | 156 | 76 | 238 | 923 | 28 | 951 | 3,632 |
| COLUSA | 4,713 | 21,582 | 61,346 | 87,641 | 2,687 | 13,307 | 5,203 | 21,197 | 4 | 49 | 53 | 87,694 |
| CONTRA COSTA | 465 | 1,413 | 5,074 | 6,952 | 139 | 376 | 573 | 1,088 | 613 | 88 | 701 | 7,653 |
| DEL NORTE | 53 | 0 | 44 | 97 | 7 | 0 | 0 | 7 | 5 | 0 | 5 | 102 |
| EL DORADO | 394 | 694 | 66 | 1,154 | 36 | 682 | 35 | 753 | 120 | 26 | 146 | 1,300 |
| FRESNO | 16,819 | 126,997 | 216,916 | 360,732 | 6,469 | 105,832 | 33,035 | 145,336 | 592 | 114 | 706 | 361,438 |
| GLENN | 555 | 23,228 | 22,154 | 45,937 | 354 | 6,964 | 725 | 8,043 | 4 | 0 | 4 | 45,941 |
| HUMBOLDT | 266 | 499 | 10 | 775 | 137 | 236 | 9 | 382 | 1,777 | 291 | 2,068 | 2,843 |
| IMPERIAL | 1,912 | 40,346 | 47,765 | 90,023 | 935 | 12,790 | 5,218 | 18,943 | 260 | 891 | 1,151 | 91,174 |
| INYO | 239 | 42 | 85 | 366 | 43 | 0 | 4 | 47 | 3 | 0 | 3 | 369 |
| KERN | 17,725 | 328,624 | 176,935 | 523,284 | 10,919 | 291,549 | 58,483 | 360,951 | 6,143 | 231 | 6,374 | 529,658 |
| KINGS | 1,178 | 108,727 | 76,691 | 186,596 | 659 | 104,986 | 40,925 | 146,570 | 404 | 1,488 | 1,892 | 188,488 |
| LAKE | 309 | 1,667 | 515 | 2,491 | 58 | 172 | 19 | 249 | 23 | 1 | 24 | 2,515 |
| LASSEN | 4 | 1,283 | 189 | 1,476 | 4 | 94 | 129 | 227 | 0 | 0 | 0 | 1,476 |
| LOS ANGELES | 4,351 | 849 | 1,925 | 7,125 | 1,162 | 286 | 1,222 | 2,670 | 2,744 | 1,119 | 3,863 | 10,988 |
| MADERA | 854 | 20,176 | 48,983 | 70,013 | 448 | 18,792 | 9,844 | 29,084 | 39 | 0 | 39 | 70,052 |
| MARIN | 46 | 865 | 20 | 931 | 22 | 194 | 14 | 230 | 161 | 66 | 227 | 1,158 |
| MARIPOSA | 0 | 4 | 10 | 14 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 15 |
| MENDOCINO | 703 | 536 | 252 | 1,491 | 141 | 339 | 87 | 567 | 927 | 236 | 1,163 | 2,654 |
| MERCED | 4,828 | 33,365 | 56,934 | 95,127 | 2,291 | 25,575 | 18,166 | 46,032 | 20 | 9 | 29 | 95,156 |
| MODOC | 31 | 9,222 | 707 | 9,927 | 27 | 790 | 520 | 1,337 | 1 | 0 | 1 | 9,961 |
| MONO | 6 | 161 | 1 | 168 | 1 | 0 | 0 | 1 | 3 | 0 | 3 | 171 |
| MONTEREY | 5,038 | 87,202 | 53,809 | 146,049 | 815 | 16,734 | 2,012 | 19,561 | 621 | 258 | 879 | 146,928 |
| NAPA | 1,208 | 28,967 | 3,458 | 33,633 | 203 | 12,011 | 338 | 12,552 | 10 | 3 | 13 | 33,646 |
| NEVADA | 77 | 34 | 74 | 185 | 15 | 21 | 12 | 48 | 252 | 39 | 291 | 476 |
| ORANGE | 3,313 | 758 | 1,380 | 5,451 | 588 | 454 | 204 | 1,246 | 555 | 508 | 1,063 | 6,514 |
| PLACER | 406 | 774 | 1,720 | 2,900 | 128 | 157 | 22 | 307 | 823 | 92 | 915 | 3,815 |
| PLUMAS | 15 | 0 | 1 | 16 | 5 | 0 | 0 | 5 | 14 | 0 | 14 | 30 |
| RIVERSIDE | 5,984 | 55,276 | 26,724 | 87,984 | 1,116 | 22,399 | 1,020 | 24,535 | 3,281 | 557 | 3,838 | 91,822 |
| SACRAMENTO | 2,007 | 14,038 | 11,310 | 27,355 | 466 | 11,683 | 1,818 | 13,967 | 2,041 | 1,099 | 3,140 | 30,495 |
| SAN BENITO | 840 | 1,508 | 3,229 | 5,577 | 650 | 790 | 158 | 1,598 | 5 | 0 | 5 | 5,582 |
| SAN BERNARDINO | 1,383 | 3,703 | 239 | 5,325 | 346 | 3,539 | 60 | 3,945 | 3,157 | 823 | 3,980 | 9,305 |
| SAN DIEGO | 7,367 | 5,466 | 1,042 | 13,875 | 1,891 | 210 | 86 | 2,187 | 1,044 | 87 | 1,131 | 15,006 |
| SAN FRANCISCO | 21 | 117 | 346 | 484 | 7 | 58 | 3 | 68 | 175 | 198 | 373 | 857 |
| SAN JOAQUIN | 2,010 | 52,102 | 50,830 | 104,942 | 832 | 39,222 | 15,885 | 55,939 | 1,896 | 45 | 1,941 | 106,883 |
| SAN LUIS OBISPO | 1,618 | 986 | 5,226 | 7,830 | 255 | 489 | 806 | 1,550 | 166 | 9 | 175 | 8,005 |
| SAN MATEO | 1,279 | 319 | 131 | 1,729 | 238 | 236 | 19 | 493 | 103 | 118 | 221 | 1,950 |
| SANTA BARBARA | 2,060 | 21,130 | 16,784 | 39,974 | 857 | 20,190 | 1,255 | 22,302 | 208 | 124 | 332 | 40,306 |
| SANTA CLARA | 835 | 1,033 | 1,220 | 3,088 | 387 | 188 | 245 | 820 | 1,011 | 44 | 1,055 | 4,143 |
| SANTA CRUZ | 1,007 | 2,772 | 262 | 4,041 | 241 | 2,296 | 90 | 2,627 | 334 | 57 | 391 | 4,432 |
| SHASTA | 312 | 6,387 | 397 | 7,096 | 100 | 1,938 | 176 | 2,214 | 130 | 67 | 197 | 7,293 |
| SIERRA | 0 | 4 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| SISKIYOU | 78 | 14,588 | 992 | 15,658 | 78 | 3,403 | 172 | 3,653 | 362 | 6 | 368 | 16,026 |
| SOLANO | 273 | 10,592 | 27,851 | 38,716 | 248 | 1,994 | 20,447 | 22,689 | 485 | 1,893 | 2,378 | 41,094 |
| SONOMA | 938 | 16,478 | 517 | 17,933 | 289 | 4,950 | 111 | 5,350 | 589 | 1,100 | 1,689 | 19,622 |
| STANISLAUS | 5,780 | 68,702 | 86,225 | 160,707 | 3,067 | 44,608 | 14,146 | 61,821 | 396 | 48 | 444 | 161,151 |
| SUTTER | 994 | 13,132 | 40,938 | 55,064 | 365 | 4,988 | 2,853 | 8,206 | 45 | 9 | 54 | 55,118 |
| TEHAMA | 148 | 10,474 | 1,858 | 12,480 | 18 | 2,774 | 145 | 2,937 | 88 | 0 | 88 | 12,568 |
| TRINITY | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 23 | 7 | 30 | 35 |
| TULARE | 7,516 | 56,878 | 60,509 | 124,903 | 3,316 | 47,105 | 20,964 | 71,385 | 528 | 3,090 | 3,618 | 128,521 |
| TUOLUMNE | 27,187 | 1,554 | 2 | 28,743 | 27,186 | 419 | 2 | 27,607 | 5 | 3 | 8 | 28,751 |
| VENTURA | 3,104 | 20,389 | 9,091 | 32,584 | 1,290 | 18,337 | 1,298 | 20,925 | 516 | 102 | 618 | 33,202 |
| YOLO | 1,036 | 50,823 | 21,550 | 73,409 | 731 | 14,366 | 1,293 | 16,390 | 100 | 25 | 125 | 73,534 |
| YUBA | 284 | 3,676 | 7,711 | 11,671 | 122 | 727 | 162 | 1,011 | 44 | 21 | 65 | 11,736 |
| ** UNKNOWN ** | 1,346 | 5,347 | 8,753 | 15,446 | 9 | 934 | 157 | 1,100 | 3,693 | 923 | 4,616 | 20,062 |
| TOTAL | 143,069 | 1,325,673 | 1,234,947 | 2,703,689 | 72,988 | 866,220 | 263,671 | 1,202,879 | 39,146 | 17,731 | 56,877 | 2,760,566 |

STATE OF CALIFORNIA - DEPARTMENT OF FOOD AND AGRICULTURE
TONNAGE REPORT OF COMMERCIAL FERTILIZERS, AGRICULTURAL MINERALS, AND COMPOST
JANUARY-JUNE 2018
TONS OF NUTRIENTS BY FORM - INCLUDES FARM AND NON-FARM

| COUNTY | ALL NITROGEN | ALL P2O5 | ALL K2O | ALL TOTAL | DRY NITROGEN | DRY P2O5 | DRY K2O | DRY TOTAL | LIQUID NITROGEN | LIQUID P2O5 | LIQUID K2O | LIQUID TOTAL |
|-----------------|----------------|----------------|----------------|----------------|----------------|---------------|---------------|----------------|-----------------|---------------|---------------|----------------|
| ALAMEDA | 2,678 | 173 | 190 | 3,041 | 822 | 147 | 135 | 1,105 | 1,856 | 26 | 54 | 1,936 |
| ALPINE | 854 | 3 | 7 | 863 | 710 | 3 | 7 | 719 | 144 | 0 | 0 | 144 |
| AMADOR | 69 | 22 | 26 | 117 | 58 | 18 | 20 | 96 | 11 | 4 | 6 | 21 |
| BUTTE | 19,641 | 4,048 | 8,404 | 32,093 | 6,431 | 2,654 | 6,725 | 15,811 | 13,209 | 1,394 | 1,679 | 16,282 |
| CALAVERAS | 1,399 | 513 | 439 | 2,351 | 252 | 306 | 309 | 866 | 1,148 | 207 | 130 | 1,485 |
| COLUSA | 14,526 | 3,641 | 2,707 | 20,874 | 2,155 | 1,312 | 1,380 | 4,847 | 12,371 | 2,329 | 1,327 | 16,027 |
| CONTRA COSTA | 1,774 | 435 | 872 | 3,081 | 655 | 259 | 615 | 1,529 | 1,119 | 176 | 257 | 1,552 |
| DEL NORTE | 10 | 25 | 1 | 36 | 10 | 1 | 1 | 12 | 0 | 24 | 0 | 24 |
| EL DORADO | 268 | 120 | 45 | 433 | 235 | 106 | 39 | 380 | 33 | 14 | 6 | 53 |
| FRESNO | 68,165 | 14,086 | 31,381 | 113,632 | 7,106 | 2,599 | 8,518 | 18,224 | 61,059 | 11,487 | 22,863 | 95,408 |
| GLENN | 6,948 | 2,467 | 3,800 | 13,215 | 1,911 | 2,168 | 3,395 | 7,474 | 5,037 | 300 | 405 | 5,741 |
| HUMBOLDT | 1,287 | 521 | 463 | 2,271 | 1,079 | 468 | 443 | 1,989 | 208 | 53 | 20 | 281 |
| IMPERIAL | 24,226 | 8,226 | 1,872 | 34,323 | 11,593 | 2,509 | 1,248 | 15,350 | 12,633 | 5,717 | 624 | 18,973 |
| INYO | 152 | 25 | 19 | 196 | 126 | 25 | 19 | 170 | 26 | 0 | 0 | 26 |
| KERN | 38,671 | 9,454 | 24,359 | 72,484 | 5,164 | 2,939 | 12,890 | 20,994 | 33,506 | 6,515 | 11,469 | 51,491 |
| KINGS | 11,562 | 3,889 | 3,382 | 18,832 | 1,352 | 465 | 821 | 2,638 | 10,210 | 3,423 | 2,561 | 16,194 |
| LAKE | 176 | 125 | 83 | 383 | 92 | 75 | 26 | 193 | 84 | 49 | 56 | 190 |
| LASSEN | 270 | 132 | 172 | 574 | 251 | 132 | 172 | 554 | 19 | 0 | 0 | 19 |
| LOS ANGELES | 5,571 | 838 | 510 | 6,919 | 4,503 | 732 | 413 | 5,648 | 1,068 | 106 | 98 | 1,272 |
| MADERA | 11,205 | 1,148 | 2,866 | 15,218 | 1,178 | 417 | 631 | 2,227 | 10,027 | 730 | 2,235 | 12,992 |
| MARIN | 227 | 70 | 74 | 371 | 164 | 69 | 71 | 303 | 64 | 1 | 3 | 68 |
| MARIPOSA | 3 | 0 | 2 | 5 | 0 | 0 | 2 | 2 | 3 | 0 | 0 | 3 |
| MENDOCINO | 1,123 | 357 | 460 | 1,940 | 869 | 325 | 389 | 1,583 | 254 | 32 | 71 | 357 |
| MERCED | 14,402 | 3,997 | 7,340 | 25,739 | 2,644 | 1,379 | 2,887 | 6,910 | 11,758 | 2,618 | 4,452 | 18,829 |
| MODOC | 3,886 | 636 | 508 | 5,030 | 3,840 | 598 | 508 | 4,945 | 46 | 39 | 0 | 85 |
| MONO | 42 | 18 | 14 | 73 | 41 | 18 | 14 | 73 | 0 | 0 | 0 | 0 |
| MONTEREY | 25,872 | 6,788 | 7,805 | 40,465 | 7,229 | 1,507 | 2,619 | 11,356 | 18,643 | 5,281 | 5,186 | 29,110 |
| NAPA | 3,338 | 1,464 | 2,221 | 7,023 | 1,557 | 890 | 1,499 | 3,947 | 1,781 | 573 | 722 | 3,076 |
| NEVADA | 287 | 44 | 55 | 386 | 252 | 37 | 13 | 302 | 35 | 7 | 42 | 84 |
| ORANGE | 3,550 | 644 | 406 | 4,601 | 2,633 | 351 | 195 | 3,179 | 917 | 293 | 211 | 1,421 |
| PLACER | 1,396 | 138 | 257 | 1,791 | 972 | 114 | 255 | 1,341 | 424 | 24 | 2 | 451 |
| PLUMAS | 19 | 2 | 4 | 25 | 18 | 2 | 4 | 24 | 1 | 0 | 0 | 1 |
| RIVERSIDE | 15,308 | 5,913 | 2,340 | 23,560 | 6,759 | 3,849 | 1,949 | 12,557 | 8,549 | 2,063 | 391 | 11,003 |
| SACRAMENTO | 5,642 | 1,465 | 2,774 | 9,880 | 2,072 | 434 | 744 | 3,250 | 3,570 | 1,031 | 2,029 | 6,630 |
| SAN BENITO | 1,841 | 755 | 389 | 2,985 | 500 | 319 | 18 | 837 | 1,341 | 436 | 371 | 2,148 |
| SAN BERNARDINO | 3,904 | 616 | 526 | 5,046 | 3,049 | 590 | 516 | 4,155 | 855 | 26 | 10 | 891 |
| SAN DIEGO | 4,128 | 621 | 1,024 | 5,773 | 3,851 | 528 | 996 | 5,374 | 277 | 93 | 28 | 399 |
| SAN FRANCISCO | 367 | 87 | 13 | 467 | 113 | 83 | 4 | 200 | 254 | 4 | 9 | 267 |
| SAN JOAQUIN | 15,775 | 2,799 | 7,444 | 26,018 | 5,409 | 1,489 | 3,933 | 10,831 | 10,366 | 1,311 | 3,511 | 15,187 |
| SAN LUIS OBISPO | 1,416 | 157 | 1,096 | 2,669 | 474 | 75 | 507 | 1,056 | 942 | 82 | 589 | 1,613 |
| SAN MATEO | 883 | 166 | 214 | 1,263 | 766 | 159 | 185 | 1,110 | 117 | 8 | 29 | 153 |
| SANTA BARBARA | 5,344 | 2,775 | 2,516 | 10,634 | 1,110 | 262 | 396 | 1,768 | 4,234 | 2,513 | 2,120 | 8,866 |
| SANTA CLARA | 1,537 | 457 | 819 | 2,813 | 1,277 | 356 | 565 | 2,198 | 260 | 101 | 254 | 615 |
| SANTA CRUZ | 1,076 | 200 | 254 | 1,530 | 980 | 139 | 207 | 1,325 | 96 | 62 | 47 | 205 |
| SHASTA | 1,647 | 390 | 296 | 2,333 | 1,565 | 382 | 290 | 2,237 | 82 | 8 | 6 | 97 |
| SIERRA | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| SISKIYOU | 5,377 | 957 | 1,050 | 7,384 | 5,215 | 911 | 1,043 | 7,169 | 162 | 45 | 7 | 215 |
| SOLANO | 3,337 | 7,959 | 403 | 11,699 | 990 | 2,458 | 199 | 3,646 | 2,347 | 5,501 | 205 | 8,053 |
| SONOMA | 1,712 | 260 | 269 | 2,241 | 746 | 130 | 168 | 1,045 | 966 | 129 | 101 | 1,197 |
| STANISLAUS | 23,310 | 5,059 | 11,517 | 39,886 | 4,523 | 1,935 | 6,882 | 13,340 | 18,786 | 3,124 | 4,635 | 26,545 |
| SUTTER | 9,671 | 940 | 1,875 | 12,486 | 1,715 | 549 | 1,093 | 3,357 | 7,956 | 391 | 782 | 9,129 |
| TEHAMA | 1,606 | 1,032 | 1,218 | 3,856 | 1,107 | 980 | 1,150 | 3,236 | 500 | 51 | 68 | 619 |
| TRINITY | 20 | 10 | 5 | 35 | 19 | 5 | 4 | 28 | 1 | 5 | 1 | 7 |
| TULARE | 19,395 | 5,785 | 5,802 | 30,981 | 3,748 | 676 | 2,791 | 7,214 | 15,647 | 5,109 | 3,011 | 23,766 |
| TUOLUMNE | 5 | 2 | 2 | 9 | 4 | 1 | 1 | 6 | 1 | 1 | 1 | 3 |
| VENTURA | 3,893 | 1,294 | 1,681 | 6,868 | 1,956 | 407 | 932 | 3,296 | 1,937 | 887 | 749 | 3,573 |
| YOLO | 7,962 | 1,126 | 1,845 | 10,933 | 2,932 | 501 | 1,459 | 4,892 | 5,031 | 624 | 386 | 6,041 |
| YUBA | 2,248 | 343 | 711 | 3,302 | 663 | 238 | 641 | 1,542 | 1,585 | 104 | 70 | 1,760 |
| ** UNKNOWN ** | 6,823 | 5,079 | 1,964 | 13,866 | 3,525 | 3,451 | 1,408 | 8,384 | 3,298 | 1,628 | 556 | 5,482 |
| TOTAL | 407,827 | 110,291 | 148,788 | 666,906 | 120,972 | 43,532 | 74,342 | 238,846 | 286,855 | 66,759 | 74,446 | 428,059 |

STATE OF CALIFORNIA - DEPARTMENT OF FOOD AND AGRICULTURE
TONNAGE REPORT OF COMMERCIAL FERTILIZERS, AGRICULTURAL MINERALS, AND COMPOST
JULY 2017-JUNE 2018
TONS OF NITROGEN MATERIALS - FARM USE AND NON-FARM USE

| COUNTY | ANHYDROUS AMMONIA | AQUA AMMONIA | AMMONIUM NITRATE | AMMONIUM NITRATE SOLUTION | AMMONIUM POLYSULFIDE | AMMONIUM SULFATE | AMMONIUM THIOSULFATE | BLOOD MEAL | CALCIUM AMMONIUM NITRATE SOLUTION | CALCIUM NITRATE | NITROGEN SOLUTION 28% | NITROGEN SOLUTION 32% | SODIUM NITRATE | SULFUR COATED UREA | UREA SOLUTION | UREA SOLUTION | NITROGEN MATERIALS - ALL OTHER | NITROGEN MATERIALS - COMPOST | NON-FARM USE NITROGEN |
|-----------------|----------------------|-----------------|---------------------|------------------------------|-------------------------|---------------------|-------------------------|---------------|--------------------------------------|--------------------|--------------------------|--------------------------|-------------------|-----------------------|------------------|------------------|-----------------------------------|---------------------------------|--------------------------|
| ALAMEDA | 0 | 11 | 13 | 0 | 0 | 156 | 116 | 0 | 0 | 38 | 2 | 4,321 | 0 | 0 | 98 | 0 | 1,835 | 0 | 896 |
| ALPINE | 0 | 0 | 0 | 0 | 0 | 35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 847 |
| AMADOR | 0 | 0 | 0 | 0 | 0 | 15 | 9 | 0 | 52 | 0 | 0 | 6 | 0 | 0 | 47 | 0 | 79 | 0 | 1 |
| BUTTE | 0 | 72,997 | 0 | 118 | 0 | 36,742 | 2,210 | 0 | 1,795 | 418 | 0 | 22,171 | 0 | 2 | 4,013 | 5,031 | 2,663 | 0 | 522 |
| CALIFORNIA | 0 | 0 | 0 | 4 | 0 | 43 | 30 | 0 | 44 | 0 | 0 | 7 | 104 | 0 | 4 | 0 | 1,342 | 0 | 37 |
| COLUSA | 1,164 | 76,105 | 0 | 150 | 0 | 8,640 | 1,066 | 0 | 14,975 | 615 | 471 | 29,371 | 0 | 0 | 4,640 | 53 | 3,745 | 175 | 5 |
| CONTRA COSTA | 954 | 199 | 12 | 24 | 34 | 285 | 985 | 1 | 2,440 | 110 | 0 | 14,124 | 0 | 0 | 9,864 | 609 | 2,684 | 0 | 284 |
| DEL NORTE | 1,845 | 0 | 0 | 0 | 26 | 13 | 0 | 0 | 0 | 97 | 0 | 3,950 | 0 | 0 | 578 | 0 | 2,607 | 0 | 3 |
| EL DORADO | 0 | 15 | 0 | 0 | 0 | 18 | 0 | 0 | 18 | 0 | 0 | 13 | 0 | 0 | 21 | 0 | 16 | 0 | 81 |
| FRESNO | 854 | 1,225 | 1,453 | 1,293 | 651 | 7,004 | 30,714 | 1 | 39,363 | 3,734 | 278 | 156,235 | 1,038 | 0 | 12,264 | 2,566 | 67,089 | 144 | 171 |
| GLENN | 2 | 32,749 | 0 | 0 | 0 | 11,576 | 835 | 0 | 3,184 | 44 | 79 | 14,274 | 4 | 0 | 585 | 4 | 2,392 | 133 | 3 |
| HUMBOLDT | 0 | 0 | 0 | 1 | 0 | 11 | 0 | 19 | 0 | 272 | 0 | 29 | 0 | 0 | 0 | 0 | 627 | 8 | 1,126 |
| IMPERIAL | 137 | 0 | 72 | 11,941 | 0 | 7,793 | 17 | 0 | 6,521 | 441 | 1,336 | 59,608 | 417 | 8 | 49,659 | 0 | 14,207 | 321 | 2 |
| INYO | 0 | 0 | 0 | 0 | 0 | 450 | 0 | 0 | 51 | 27 | 0 | 253 | 0 | 0 | 252 | 0 | 5,007 | 0 | 0 |
| KERN | 1,139 | 20 | 0 | 200 | 0 | 2,032 | 16,208 | 0 | 23,179 | 1,056 | 11 | 131,153 | 1,385 | 0 | 3,373 | 49 | 32,813 | 134 | 316 |
| KINGS | 1,173 | 5 | 0 | 0 | 0 | 332 | 3,679 | 0 | 4,614 | 1,660 | 241 | 49,013 | 21 | 0 | 2,921 | 19 | 5,259 | 279 | 0 |
| LAKE | 0 | 0 | 0 | 0 | 0 | 204 | 0 | 0 | 631 | 9 | 66 | 1,685 | 0 | 0 | 286 | 0 | 491 | 3 | 19 |
| LASSEN | 0 | 0 | 0 | 511 | 0 | 172 | 0 | 0 | 0 | 33 | 0 | 166 | 0 | 0 | 1,420 | 0 | 499 | 0 | 0 |
| LOS ANGELES | 1 | 178 | 5 | 176 | 0 | 1,759 | 65 | 0 | 95 | 6,021 | 0 | 694 | 8 | 0 | 1,721 | 64 | 9,047 | 8 | 2,764 |
| MADERA | 146 | 48 | 382 | 883 | 0 | 447 | 3,158 | 0 | 19,406 | 116 | 24 | 47,406 | 0 | 0 | 995 | 874 | 8,925 | 149 | 8 |
| MARIN | 0 | 0 | 0 | 0 | 0 | 20 | 3 | 0 | 0 | 0 | 0 | 17 | 0 | 0 | 2 | 0 | 88 | 0 | 208 |
| MARIPOSA | 0 | 0 | 0 | 0 | 0 | 13 | 27 | 0 | 0 | 0 | 0 | 163 | 0 | 0 | 29 | 0 | 260 | 0 | 0 |
| MENDOCINO | 0 | 0 | 4 | 1 | 0 | 2 | 0 | 0 | 83 | 102 | 0 | 50 | 0 | 0 | 25 | 0 | 831 | 42 | 769 |
| MERCED | 166 | 4 | 88 | 1,641 | 0 | 3,158 | 7,377 | 0 | 18,357 | 942 | 1 | 33,785 | 0 | 0 | 2,653 | 18 | 18,044 | 33 | 20 |
| MODOC | 0 | 0 | 0 | 332 | 45 | 2,237 | 280 | 0 | 28 | 9 | 0 | 1,076 | 0 | 78 | 4,598 | 2 | 1,448 | 1,894 | 1 |
| MONO | 0 | 0 | 0 | 0 | 0 | 930 | 0 | 0 | 0 | 0 | 0 | 134 | 0 | 0 | 192 | 0 | 1,528 | 0 | 0 |
| MONTEREY | 0 | 0 | 36 | 32,431 | 901 | 5,594 | 4,604 | 8 | 24,067 | 2,657 | 770 | 15,167 | 476 | 0 | 4,500 | 1,645 | 52,615 | 2 | 498 |
| NAPA | 0 | 0 | 2 | 0 | 0 | 3 | 0 | 0 | 134 | 534 | 0 | 29 | 0 | 0 | 22 | 0 | 5,070 | 0 | 6 |
| NEVADA | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0 | 0 | 27 | 0 | 3,449 | 0 | 0 | 49 | 0 | 198 | 2 | 249 |
| ORANGE | 0 | 0 | 26 | 53 | 0 | 540 | 58 | 0 | 874 | 368 | 0 | 190 | 67 | 0 | 903 | 1 | 8,546 | 0 | 735 |
| PLACER | 0 | 2,592 | 11 | 206 | 0 | 177 | 21 | 0 | 152 | 81 | 0 | 144 | 1 | 0 | 150 | 0 | 1,544 | 0 | 749 |
| PLUMAS | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 9 |
| RIVERSIDE | 549 | 0 | 0 | 9,337 | 0 | 2,162 | 1,637 | 5 | 10,748 | 1,465 | 1 | 17,277 | 172 | 0 | 2,240 | 10 | 15,836 | 152 | 2,305 |
| SACRAMENTO | 1,119 | 3,821 | 9 | 28 | 0 | 894 | 83 | 0 | 1,390 | 1,558 | 0 | 6,303 | 4 | 0 | 2,236 | 0 | 4,355 | 0 | 1,435 |
| SAN BENITO | 0 | 0 | 0 | 12 | 0 | 47 | 23 | 0 | 2,151 | 39 | 0 | 306 | 0 | 0 | 83 | 0 | 3,457 | 2 | 3 |
| SAN BERNARDINO | 0 | 0 | 5 | 0 | 0 | 361 | 38 | 0 | 44 | 486 | 0 | 208 | 0 | 0 | 699 | 3 | 2,903 | 26 | 2,850 |
| SAN DIEGO | 105 | 4 | 433 | 241 | 0 | 404 | 17 | 0 | 710 | 1,948 | 381 | 448 | 1 | 0 | 861 | 0 | 11,886 | 2 | 739 |
| SAN FRANCISCO | 0 | 658 | 0 | 0 | 0 | 125 | 0 | 0 | 0 | 3 | 0 | 34 | 0 | 0 | 3 | 0 | 16 | 0 | 275 |
| SAN JOAQUIN | 112 | 48 | 512 | 155 | 0 | 4,996 | 5,043 | 0 | 2,060 | 2,153 | 8 | 38,866 | 16 | 0 | 6,966 | 47 | 14,482 | 0 | 1,006 |
| SAN LUIS OBISPO | 0 | 75 | 0 | 2,125 | 0 | 828 | 287 | 0 | 1,522 | 206 | 21 | 3,082 | 0 | 17 | 127 | 451 | 3,941 | 0 | 71 |
| SAN MATEO | 0 | 165 | 28 | 0 | 0 | 140 | 14 | 1 | 0 | 685 | 0 | 32 | 0 | 0 | 165 | 0 | 1,725 | 7 | 145 |
| SANTA BARBARA | 0 | 0 | 1 | 6,156 | 0 | 969 | 1,117 | 0 | 3,405 | 2,237 | 4 | 15,941 | 35 | 1 | 445 | 2,824 | 13,522 | 165 | 174 |
| SANTA CLARA | 5 | 0 | 0 | 43 | 0 | 231 | 86 | 0 | 358 | 178 | 0 | 610 | 14 | 0 | 223 | 0 | 3,050 | 335 | 701 |
| SANTA CRUZ | 0 | 0 | 11 | 4 | 0 | 304 | 0 | 13 | 1 | 126 | 0 | 31 | 0 | 0 | 230 | 0 | 2,945 | 44 | 357 |
| SHASTA | 369 | 227 | 4 | 500 | 0 | 1,541 | 12 | 0 | 33 | 35 | 0 | 226 | 0 | 0 | 5,980 | 0 | 468 | 7 | 126 |
| SIERRA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SISKIYOU | 19 | 0 | 2 | 0 | 0 | 3,042 | 590 | 0 | 1,033 | 95 | 0 | 1,237 | 0 | 117 | 6,225 | 0 | 2,301 | 2,872 | 241 |
| SOLANO | 1,346 | 761 | 0 | 0 | 0 | 4,133 | 24 | 0 | 1,072 | 26 | 0 | 3,878 | 1,917 | 0 | 3,258 | 0 | 218 | 74 | 99 |
| SONOMA | 0 | 0 | 23 | 234 | 0 | 156 | 4 | 20 | 164 | 795 | 0 | 65 | 13 | 0 | 233 | 0 | 1,394 | 27 | 1,459 |
| STANISLAUS | 2,001 | 0 | 0 | 1,319 | 27 | 17,185 | 3,165 | 0 | 46,829 | 496 | 74 | 78,022 | 0 | 5 | 5,721 | 24 | 11,729 | 403 | 123 |
| SUTTER | 0 | 50,971 | 0 | 991 | 0 | 11,542 | 1,833 | 0 | 3,614 | 1,688 | 598 | 15,252 | 40 | 0 | 2,866 | 0 | 1,089 | 113 | 36 |
| TEHAMA | 0 | 94 | 0 | 0 | 0 | 7,722 | 73 | 0 | 773 | 137 | 8 | 3,610 | 0 | 0 | 387 | 0 | 360 | 0 | 62 |
| TRINITY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 15 |
| TULARE | 1,740 | 3 | 262 | 0 | 0 | 5,472 | 6,524 | 1 | 9,051 | 1,706 | 24 | 41,131 | 71 | 22 | 5,292 | 25 | 36,209 | 790 | 447 |
| TUOLUMNE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| VENTURA | 2 | 0 | 0 | 3,294 | 0 | 85 | 277 | 5 | 6,791 | 892 | 0 | 2,759 | 42 | 18 | 514 | 41 | 12,431 | 6 | 152 |
| YOLO | 320 | 21,419 | 0 | 0 | 0 | 8,679 | 1,984 | 0 | 8,626 | 43 | 0 | 21,435 | 1 | 0 | 2,943 | 117 | 7,644 | 48 | 51 |
| YUBA | 1 | 10,938 | 0 | 940 | 0 | 1,377 | 179 | 0 | 1,533 | 46 | 515 | 2,936 | 30 | 0 | 1,511 | 0 | 382 | 65 | 52 |
| ** UNKNOWN ** | 0 | 805 | 0 | 86 | 0 | 722 | 546 | 0 | 431 | 16 | 0 | 2,035 | 0 | 0 | 181 | 272 | 5,688 | 0 | 1,906 |
| TOTAL | 15,269 | 276,135 | 3,394 | 74,832 | 1,751 | 163,531 | 95,008 | 74 | 262,384 | 36,080 | 5,166 | 845,413 | 5,873 | 268 | 155,271 | 14,750 | 409,595 | 8,179 | 25,145 |

STATE OF CALIFORNIA - DEPARTMENT OF FOOD AND AGRICULTURE
 TONNAGE REPORT OF COMMERCIAL FERTILIZERS, AGRICULTURAL MINERALS, AND COMPOST
 JULY 2017-JUNE 2018
 TONS OF PHOSPHORUS AND POTASSIUM MATERIALS - FARM USE AND NON-FARM USE

| COUNTY | DIAMMONIUM PHOSPHATE | AMMONIUM PHOSPHATE SULFATE | MONOAMMONIUM PHOSPHATE | PHOSPHORIC ACID | LIQUID AMMONIUM POLYPHOSPHATE | NORMAL SUPERPHOSPHATE | TRIPLE SUPERPHOSPHATE | PHOSPHORUS MATERIALS - ALL OTHER | PHOSPHORUS MATERIALS - COMPOST | NON-FARM USE PHOSPHORUS | MURIATE OF POTASH | SULFATE OF POTASH MAGNESIA | POTASSIUM NITRATE | POTASSIUM SULFATE | POTASSIUM MATERIALS - ALL OTHER | POTASSIUM MATERIALS - COMPOST | NON-FARM USE POTASH |
|-----------------|----------------------|----------------------------|------------------------|-----------------|-------------------------------|-----------------------|-----------------------|----------------------------------|--------------------------------|-------------------------|-------------------|----------------------------|-------------------|-------------------|---------------------------------|-------------------------------|---------------------|
| ALAMEDA | 0 | 38 | 0 | 0 | 0 | 0 | 26 | 210 | 0 | 42 | 11 | 0 | 2 | 2 | 158 | 0 | 82 |
| ALPINE | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| AMADOR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 0 | 1 | 0 | 0 | 0 | 54 | 38 | 0 | 1 |
| BUTTE | 0 | 2,477 | 3,685 | 0 | 3,050 | 0 | 0 | 988 | 101 | 435 | 4,905 | 5,636 | 124 | 37,938 | 1,105 | 104 | 338 |
| CALAVERAS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 516 | 0 | 3 | 28 | 3 | 0 | 0 | 428 | 0 | 2 |
| COLUSA | 193 | 2,565 | 768 | 60 | 4,930 | 0 | 0 | 1,465 | 186 | 4 | 831 | 412 | 104 | 3,660 | 2,295 | 192 | 0 |
| CONTRA COSTA | 0 | 64 | 4,872 | 476 | 2,246 | 0 | 4 | 1,878 | 0 | 155 | 610 | 0 | 25 | 3,381 | 664 | 0 | 281 |
| DEL NORTE | 0 | 0 | 982 | 136 | 318 | 0 | 2 | 757 | 0 | 1 | 1,173 | 1,207 | 140 | 1,800 | 625 | 0 | 1 |
| EL DORADO | 0 | 5 | 7 | 0 | 0 | 0 | 18 | 120 | 0 | 10 | 24 | 0 | 0 | 11 | 42 | 0 | 11 |
| FRESNO | 9 | 1,157 | 3,766 | 2,301 | 5,754 | 0 | 105 | 16,995 | 140 | 40 | 5,088 | 11,576 | 1,303 | 20,908 | 34,988 | 224 | 122 |
| GLENN | 0 | 470 | 3,911 | 0 | 207 | 0 | 0 | 575 | 148 | 0 | 42 | 0 | 46 | 12,824 | 898 | 148 | 1 |
| HUMBOLDT | 0 | 2 | 1 | 0 | 2 | 0 | 1 | 85 | 45 | 417 | 0 | 45 | 3 | 37 | 70 | 8 | 419 |
| IMPERIAL | 1 | 2 | 17,411 | 2,397 | 6,209 | 0 | 0 | 9,324 | 340 | 891 | 517 | 21 | 126 | 3,285 | 2,159 | 344 | 0 |
| INYO | 8 | 3 | 216 | 36 | 1 | 0 | 8 | 566 | 0 | 1 | 28 | 459 | 137 | 424 | 1,586 | 0 | 1 |
| KERN | 17 | 487 | 2,083 | 1,564 | 7,676 | 0 | 3 | 6,875 | 78 | 270 | 4,875 | 8,023 | 849 | 10,698 | 22,479 | 138 | 130 |
| KINGS | 1 | 0 | 294 | 1,852 | 3,995 | 0 | 0 | 1,441 | 264 | 1,484 | 1,539 | 192 | 86 | 12,161 | 2,940 | 35 | 2 |
| LAKE | 0 | 32 | 138 | 207 | 155 | 0 | 28 | 190 | 1 | 3 | 170 | 320 | 10 | 130 | 76 | 2 | 2 |
| LASSEN | 0 | 123 | 295 | 0 | 0 | 0 | 0 | 203 | 0 | 0 | 297 | 68 | 0 | 36 | 110 | 0 | 0 |
| LOS ANGELES | 0 | 160 | 90 | 26 | 147 | 0 | 45 | 380 | 4 | 534 | 87 | 128 | 661 | 478 | 297 | 7 | 349 |
| MADERA | 0 | 0 | 367 | 387 | 1,190 | 0 | 0 | 1,570 | 100 | 1 | 1,047 | 377 | 917 | 3,426 | 5,548 | 159 | 1 |
| MARIN | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 10 | 61 | 7 | 0 | 1 | 0 | 0 | 11 | 61 | 11 |
| MARIPOSA | 0 | 0 | 0 | 0 | 43 | 0 | 0 | 98 | 0 | 0 | 0 | 100 | 8 | 93 | 84 | 0 | 0 |
| MENDOCINO | 0 | 0 | 24 | 0 | 16 | 0 | 0 | 188 | 20 | 159 | 81 | 11 | 0 | 161 | 223 | 37 | 206 |
| MERCED | 0 | 1 | 1,801 | 39 | 1,689 | 0 | 0 | 5,343 | 32 | 2 | 2,892 | 2,504 | 804 | 7,570 | 8,298 | 59 | 6 |
| MODOC | 0 | 1,606 | 866 | 28 | 113 | 0 | 0 | 129 | 0 | 0 | 384 | 94 | 2 | 564 | 183 | 0 | 0 |
| MONO | 0 | 48 | 385 | 1 | 0 | 0 | 0 | 6 | 0 | 0 | 28 | 26 | 1 | 26 | 6 | 0 | 0 |
| MONTEREY | 0 | 573 | 2,082 | 2,388 | 335 | 0 | 43 | 8,851 | 2 | 245 | 292 | 1,188 | 507 | 13,205 | 12,019 | 4 | 116 |
| NAPA | 0 | 37 | 83 | 0 | 9 | 0 | 60 | 2,040 | 0 | 3 | 0 | 0 | 8 | 380 | 3,248 | 0 | 4 |
| NEVADA | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 90 | 1 | 15 | 0 | 65 | 1 | 63 | 163 | 1 | 11 |
| ORANGE | 0 | 37 | 18 | 0 | 1 | 0 | 76 | 969 | 2 | 167 | 189 | 18 | 172 | 4,487 | 562 | 1 | 113 |
| PLACER | 0 | 176 | 128 | 0 | 0 | 0 | 0 | 42 | 0 | 40 | 132 | 0 | 0 | 126 | 50 | 0 | 109 |
| PLUMAS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 3 |
| RIVERSIDE | 0 | 15 | 7,017 | 2,220 | 4,728 | 0 | 92 | 2,623 | 122 | 756 | 1,206 | 360 | 283 | 758 | 977 | 356 | 348 |
| SACRAMENTO | 0 | 338 | 184 | 0 | 352 | 0 | 43 | 1,409 | 0 | 166 | 417 | 270 | 46 | 2,981 | 3,098 | 0 | 180 |
| SAN BENITO | 0 | 0 | 10 | 34 | 0 | 0 | 0 | 1,052 | 3 | 1 | 285 | 1 | 0 | 113 | 419 | 4 | 1 |
| SAN BERNARDINO | 0 | 6 | 85 | 13 | 53 | 0 | 13 | 85 | 15 | 426 | 1 | 2 | 30 | 14 | 52 | 23 | 430 |
| SAN DIEGO | 0 | 13 | 444 | 267 | 8 | 28 | 91 | 403 | 8 | 173 | 15 | 534 | 1,721 | 2,081 | 256 | 4 | 170 |
| SAN FRANCISCO | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 5 | 0 | 86 | 0 | 0 | 0 | 2 | 3 | 0 | 11 |
| SAN JOAQUIN | 0 | 6 | 479 | 26 | 1,895 | 0 | 0 | 3,722 | 15 | 395 | 2,235 | 640 | 542 | 13,809 | 9,351 | 0 | 503 |
| SAN LUIS OBISPO | 0 | 60 | 39 | 6 | 148 | 0 | 0 | 388 | 0 | 28 | 109 | 709 | 562 | 720 | 1,615 | 0 | 68 |
| SAN MATEO | 0 | 0 | 27 | 1 | 0 | 1 | 4 | 217 | 6 | 32 | 81 | 4 | 138 | 197 | 157 | 11 | 41 |
| SANTA BARBARA | 0 | 5 | 114 | 31 | 155 | 0 | 7 | 5,843 | 5 | 21 | 6 | 961 | 544 | 2,530 | 4,375 | 1 | 27 |
| SANTA CLARA | 0 | 4 | 0 | 4 | 2 | 0 | 36 | 629 | 53 | 132 | 1 | 17 | 16 | 106 | 1,017 | 107 | 211 |
| SANTA CRUZ | 0 | 1 | 5 | 7 | 27 | 0 | 5 | 645 | 5 | 13 | 1 | 6 | 417 | 699 | 500 | 69 | 8 |
| SHASTA | 0 | 395 | 691 | 0 | 8 | 0 | 0 | 34 | 8 | 16 | 385 | 0 | 9 | 132 | 19 | 8 | 27 |
| SIERRA | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| SISKIYOU | 0 | 1,260 | 1,221 | 151 | 101 | 0 | 0 | 511 | 0 | 43 | 938 | 0 | 2 | 1,126 | 280 | 0 | 77 |
| SOLANO | 0 | 1,006 | 4,945 | 1,275 | 124 | 0 | 296 | 3,810 | 40 | 1,952 | 387 | 3 | 32 | 1,255 | 114 | 45 | 126 |
| SONOMA | 0 | 11 | 60 | 0 | 171 | 1 | 42 | 611 | 13 | 28 | 1 | 17 | 85 | 405 | 348 | 25 | 43 |
| STANISLAUS | 0 | 200 | 4,348 | 40 | 2,357 | 0 | 0 | 5,008 | 179 | 40 | 10,302 | 2,163 | 1,038 | 34,239 | 8,889 | 229 | 66 |
| SUTTER | 0 | 1,542 | 607 | 0 | 916 | 0 | 2 | 257 | 126 | 8 | 316 | 45 | 292 | 5,515 | 366 | 126 | 3 |
| TEHAMA | 0 | 98 | 1,916 | 0 | 20 | 0 | 0 | 97 | 0 | 11 | 190 | 0 | 29 | 4,122 | 199 | 0 | 15 |
| TRINITY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| TULARE | 188 | 0 | 913 | 1,311 | 1,085 | 0 | 1 | 2,904 | 50 | 2,885 | 2,531 | 2,322 | 583 | 18,615 | 4,528 | 245 | 25 |
| TUOLUMNE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| VENTURA | 0 | 501 | 472 | 365 | 140 | 39 | 39 | 2,815 | 17 | 22 | 324 | 817 | 697 | 1,919 | 2,056 | 33 | 425 |
| YOLO | 0 | 316 | 787 | 96 | 1,524 | 0 | 12 | 772 | 44 | 23 | 601 | 33 | 80 | 7,447 | 2,031 | 50 | 24 |
| YUBA | 0 | 372 | 321 | 0 | 271 | 0 | 0 | 40 | 4 | 696 | 9 | 70 | 1,281 | 498 | 55 | 5 | 5 |
| ** UNKNOWN ** | 0 | 8 | 119 | 0 | 4,211 | 0 | 10 | 3,650 | 0 | 900 | 328 | 0 | 2 | 950 | 3,465 | 0 | 1,016 |
| TOTAL | 417 | 16,232 | 69,075 | 17,701 | 56,429 | 30 | 1,135 | 99,403 | 2,305 | 13,105 | 46,627 | 41,387 | 13,234 | 236,947 | 145,988 | 2,015 | 6,157 |

STATE OF CALIFORNIA - DEPARTMENT OF FOOD AND AGRICULTURE
 TONNAGE REPORT OF COMMERCIAL FERTILIZERS, AGRICULTURAL MINERALS, AND COMPOST
 JULY 2017-JUNE 2018
 TONS OF AGRICULTURAL MINERALS AND BULK COMPOST - FARM USE AND NON-FARM USE

| COUNTY | COPPER - ALL MATERIALS | IRON - ALL MATERIALS | GYPSUM - ALL MATERIALS | LIMING MATERIALS - ALL MATERIALS | SEWAGE SLUDGE | SULFUR | SULFURIC ACID | SECONDARY/MICRONUTRIENTS - ALL OTHER | NON-FARM USE SECONDARY/MICRONUTRIENTS | OIM BULK COMPOST - NO NUTRIENTS |
|-----------------|------------------------|----------------------|------------------------|----------------------------------|----------------|----------------|----------------|--------------------------------------|---------------------------------------|---------------------------------|
| ALAMEDA | 0 | 41 | 984 | 24 | 0 | 21 | 0 | 1,714 | 71 | 3,000 |
| ALPINE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AMADOR | 0 | 0 | 0 | 974 | 0 | 63 | 0 | 21 | 0 | 0 |
| BUTTE | 8 | 36 | 4,695 | 1,627 | 0 | 1,191 | 172 | 3,851 | 182 | 25 |
| CALAVERAS | 0 | 0 | 884 | 54 | 0 | 93 | 0 | 60 | 909 | 0 |
| COLUSA | 6 | 2 | 46,420 | 4,024 | 0 | 388 | 1,289 | 15,782 | 44 | 0 |
| CONTRA COSTA | 0 | 23 | 2,532 | 654 | 20 | 1,021 | 0 | 1,860 | 1 | 0 |
| DEL NORTE | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 2,580 | 0 | 0 |
| EL DORADO | 0 | 4 | 0 | 692 | 0 | 67 | 0 | 83 | 64 | 0 |
| FRESNO | 253 | 409 | 337,109 | 9,929 | 23,239 | 9,533 | 5,221 | 85,467 | 373 | 5,519 |
| GLENN | 2 | 1 | 13,017 | 3,402 | 0 | 2,169 | 9 | 1,944 | 0 | 0 |
| HUMBOLDT | 0 | 0 | 62 | 216 | 0 | 3 | 0 | 281 | 106 | 0 |
| IMPERIAL | 1 | 51 | 1,798 | 18,678 | 920 | 1,665 | 1,399 | 4,695 | 258 | 1,156 |
| INYO | 3 | 16 | 2 | 66 | 0 | 39 | 4 | 241 | 0 | 0 |
| KERN | 401 | 155 | 430,634 | 30,133 | 102,831 | 37,035 | 34,661 | 86,743 | 5,658 | 16,448 |
| KINGS | 11 | 384 | 265,875 | 16,386 | 8,283 | 13,174 | 73,288 | 15,634 | 406 | 0 |
| LAKE | 0 | 0 | 848 | 540 | 0 | 7 | 0 | 306 | 0 | 1,425 |
| LASSEN | 1 | 0 | 738 | 121 | 0 | 99 | 0 | 68 | 0 | 0 |
| LOS ANGELES | 2 | 625 | 543 | 90 | 169 | 11 | 1,115 | 1,877 | 216 | 0 |
| MADERA | 11 | 7 | 9,309 | 2,499 | 39,673 | 2,493 | 8,593 | 13,190 | 29 | 172 |
| MARIN | 0 | 2 | 76 | 1 | 0 | 0 | 0 | 35 | 122 | 550 |
| MARIPOSA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 0 | 0 |
| MENDOCINO | 0 | 2 | 550 | 28 | 0 | 10 | 0 | 374 | 29 | 0 |
| MERCED | 7 | 10 | 40,280 | 14,089 | 6,610 | 7,579 | 6,237 | 21,092 | 1 | 0 |
| MODOC | 4 | 0 | 1,599 | 529 | 0 | 736 | 5 | 1,095 | 0 | 0 |
| MONO | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 32 | 3 | 0 |
| MONTEREY | 44 | 48 | 6,133 | 63,361 | 0 | 431 | 570 | 5,742 | 20 | 60,374 |
| NAPA | 0 | 0 | 11,976 | 1,051 | 0 | 32 | 0 | 12,187 | 0 | 13,765 |
| NEVADA | 0 | 2 | 4 | 3 | 0 | 5 | 0 | 107 | 16 | 0 |
| ORANGE | 0 | 233 | 521 | 190 | 67 | 77 | 0 | 1,352 | 48 | 5 |
| PLACER | 0 | 3 | 609 | 150 | 0 | 14 | 0 | 145 | 17 | 0 |
| PLUMAS | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 |
| RIVERSIDE | 2 | 294 | 2,081 | 354 | 41,006 | 360 | 159 | 3,564 | 431 | 27,590 |
| SACRAMENTO | 0 | 45 | 6,988 | 6,200 | 2,769 | 901 | 2,036 | 14,575 | 1,359 | 0 |
| SAN BENITO | 0 | 0 | 5,364 | 259 | 0 | 23 | 40 | 251 | 0 | 12 |
| SAN BERNARDINO | 0 | 242 | 275 | 31 | 12,418 | 97 | 0 | 432 | 274 | 0 |
| SAN DIEGO | 9 | 194 | 1,210 | 150 | 50 | 45 | 0 | 1,456 | 49 | 4,786 |
| SAN FRANCISCO | 1 | 3 | 27 | 5 | 0 | 0 | 0 | 52 | 1 | 0 |
| SAN JOAQUIN | 11 | 74 | 119,967 | 24,417 | 0 | 12,593 | 1,056 | 21,223 | 34 | 0 |
| SAN LUIS OBISPO | 8 | 26 | 2,037 | 31 | 0 | 25 | 3 | 2,359 | 8 | 145 |
| SAN MATEO | 1 | 106 | 233 | 532 | 0 | 36 | 2 | 387 | 3 | 0 |
| SANTA BARBARA | 8 | 69 | 17,210 | 17,723 | 652 | 1,150 | 109 | 7,770 | 310 | 0 |
| SANTA CLARA | 1 | 99 | 4,503 | 395 | 0 | 10 | 31 | 728 | 11 | 0 |
| SANTA CRUZ | 4 | 12 | 4,463 | 2,400 | 0 | 42 | 23 | 1,116 | 15 | 24 |
| SHASTA | 40 | 14 | 1,372 | 7,335 | 0 | 182 | 67 | 431 | 28 | 70 |
| SIERRA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SISKIYOU | 7 | 150 | 1,856 | 738 | 0 | 2,459 | 160 | 1,309 | 7 | 0 |
| SOLANO | 0 | 1 | 8,586 | 1,676 | 46,912 | 229 | 0 | 366 | 201 | 3,000 |
| SONOMA | 7 | 80 | 11,088 | 3,904 | 0 | 70 | 0 | 469 | 159 | 11,422 |
| STANISLAUS | 38 | 72 | 150,851 | 28,816 | 0 | 16,673 | 4,359 | 11,872 | 215 | 0 |
| SUTTER | 8 | 0 | 10,066 | 180 | 0 | 1,541 | 15 | 4,085 | 7 | 0 |
| TEHAMA | 5 | 2 | 7,899 | 2,180 | 0 | 411 | 4 | 1,282 | 0 | 0 |
| TRINITY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TULARE | 91 | 195 | 138,839 | 5,943 | 689 | 10,088 | 16,376 | 33,071 | 261 | 1,032 |
| TUOLUMNE | 0 | 0 | 0 | 27,649 | 0 | 2 | 0 | 0 | 0 | 1,135 |
| VENTURA | 3 | 208 | 19,570 | 36 | 3,347 | 228 | 222 | 3,470 | 19 | 361 |
| YOLO | 0 | 1 | 35,639 | 432 | 0 | 704 | 189 | 16,610 | 27 | 26,756 |
| YUBA | 1 | 0 | 1,838 | 560 | 0 | 102 | 0 | 823 | 4 | 0 |
| ** UNKNOWN ** | 0 | 6 | 3,024 | 1,438 | 0 | 48 | 8 | 5,952 | 794 | 0 |
| TOTAL | 999 | 3,949 | 1,732,185 | 302,897 | 289,655 | 125,979 | 157,422 | 412,248 | 12,790 | 178,772 |

STATE OF CALIFORNIA - DEPARTMENT OF FOOD AND AGRICULTURE
TONNAGE REPORT OF COMMERCIAL FERTILIZERS, AGRICULTURAL MINERALS, AND COMPOST
JULY 2017-JUNE 2018
TONS OF MATERIALS BY USE

| COUNTY | FARM USE DRY PACKAGED | FARM USE DRY BULK | FARM USE LIQUID | FARM USE TOTAL | AG MIN DRY PACKAGED | AG MIN DRY BULK | AG MIN LIQUID | AG MIN TOTAL | NON-FARM USE DRY | NON-FARM USE LIQUID | NON-FARM USE TOTAL | TOTAL ALL |
|-----------------|--------------------------|----------------------|--------------------|-------------------|------------------------|--------------------|------------------|-----------------|---------------------|------------------------|-----------------------|--------------|
| ALAMEDA | 1,836 | 4,167 | 5,722 | 11,725 | 392 | 905 | 1,487 | 2,784 | 4,870 | 1,456 | 6,326 | 18,051 |
| ALPINE | 0 | 45 | 0 | 45 | 0 | 0 | 0 | 0 | 704 | 144 | 848 | 893 |
| AMADOR | 99 | 1,111 | 143 | 1,353 | 11 | 988 | 59 | 1,058 | 235 | 1 | 236 | 1,589 |
| BUTTE | 2,329 | 88,362 | 72,385 | 163,076 | 1,114 | 8,257 | 2,209 | 11,580 | 925 | 1,317 | 2,242 | 165,318 |
| CALAVERAS | 1,144 | 731 | 1,725 | 3,600 | 820 | 156 | 115 | 1,091 | 986 | 51 | 1,037 | 4,637 |
| COLUSA | 8,335 | 72,236 | 74,362 | 154,933 | 4,901 | 55,887 | 7,123 | 67,911 | 10 | 49 | 59 | 154,992 |
| CONTRA COSTA | 11,588 | 12,563 | 22,043 | 46,194 | 403 | 3,713 | 1,994 | 6,110 | 14,381 | 381 | 14,762 | 60,956 |
| DEL NORTE | 3,626 | 2,636 | 9,173 | 15,435 | 98 | 454 | 2,032 | 2,584 | 100 | 17 | 117 | 15,552 |
| EL DORADO | 531 | 702 | 158 | 1,391 | 82 | 682 | 82 | 846 | 294 | 75 | 369 | 1,760 |
| FRESNO | 31,982 | 459,244 | 304,260 | 795,486 | 10,910 | 411,816 | 48,454 | 471,180 | 8,430 | 242 | 8,672 | 804,158 |
| GLENN | 772 | 44,832 | 25,611 | 71,215 | 478 | 19,160 | 906 | 20,544 | 120 | 0 | 120 | 71,335 |
| HUMBOLDT | 653 | 621 | 101 | 1,375 | 198 | 333 | 31 | 562 | 5,352 | 1,093 | 6,445 | 7,820 |
| IMPERIAL | 2,967 | 91,282 | 82,268 | 176,517 | 1,380 | 19,911 | 7,916 | 29,207 | 1,604 | 891 | 2,495 | 179,012 |
| INYO | 3,468 | 1,615 | 3,784 | 8,867 | 176 | 94 | 101 | 371 | 651 | 4 | 655 | 9,522 |
| KERN | 23,799 | 675,159 | 224,218 | 923,176 | 14,527 | 626,559 | 81,507 | 722,593 | 11,804 | 303 | 12,107 | 935,283 |
| KINGS | 3,034 | 325,515 | 130,161 | 458,710 | 1,577 | 310,174 | 81,284 | 393,035 | 868 | 1,489 | 2,357 | 461,067 |
| LAKE | 1,310 | 3,148 | 1,860 | 6,318 | 161 | 1,485 | 66 | 1,712 | 541 | 41 | 582 | 6,900 |
| LASSEN | 68 | 2,315 | 1,311 | 3,694 | 8 | 295 | 724 | 1,027 | 3 | 1 | 4 | 3,698 |
| LOS ANGELES | 9,865 | 1,651 | 3,120 | 14,636 | 1,636 | 878 | 1,918 | 4,432 | 50,063 | 3,889 | 53,952 | 68,588 |
| MADERA | 3,721 | 64,461 | 74,498 | 142,680 | 807 | 56,992 | 17,976 | 75,775 | 710 | 9 | 719 | 143,399 |
| MARIN | 100 | 885 | 32 | 1,017 | 24 | 194 | 17 | 235 | 16,429 | 100 | 16,529 | 17,546 |
| MARIPOSA | 119 | 173 | 620 | 912 | 1 | 3 | 29 | 33 | 33 | 1 | 34 | 946 |
| MENDOCINO | 896 | 978 | 395 | 2,269 | 199 | 606 | 159 | 964 | 2,446 | 671 | 3,117 | 5,386 |
| MERCED | 8,188 | 89,090 | 78,151 | 175,429 | 3,462 | 69,603 | 22,839 | 95,904 | 743 | 33 | 776 | 176,205 |
| MODOC | 88 | 12,894 | 2,668 | 15,650 | 52 | 2,415 | 1,501 | 3,968 | 15 | 2 | 17 | 15,667 |
| MONO | 36 | 768 | 189 | 993 | 30 | 4 | 2 | 36 | 31 | 0 | 31 | 1,024 |
| MONTEREY | 14,861 | 160,026 | 96,007 | 270,894 | 3,846 | 69,625 | 2,938 | 76,409 | 1,373 | 299 | 1,672 | 272,566 |
| NAPA | 2,148 | 43,904 | 3,990 | 50,042 | 479 | 24,117 | 650 | 25,246 | 1,217 | 7 | 1,224 | 51,266 |
| NEVADA | 195 | 193 | 581 | 969 | 47 | 52 | 22 | 121 | 931 | 467 | 1,398 | 2,367 |
| ORANGE | 8,325 | 5,370 | 2,943 | 16,638 | 1,402 | 829 | 391 | 2,622 | 9,822 | 698 | 10,520 | 27,158 |
| PLACER | 638 | 1,920 | 1,840 | 4,398 | 163 | 729 | 29 | 921 | 3,024 | 246 | 3,270 | 7,668 |
| PLUMAS | 16 | 2 | 1 | 19 | 5 | 0 | 0 | 5 | 14 | 1 | 15 | 34 |
| RIVERSIDE | 13,460 | 83,269 | 40,855 | 137,584 | 2,081 | 44,090 | 1,849 | 48,020 | 31,146 | 868 | 32,014 | 169,598 |
| SACRAMENTO | 3,588 | 36,002 | 15,847 | 55,417 | 763 | 29,543 | 3,208 | 33,514 | 6,875 | 2,720 | 9,595 | 65,012 |
| SAN BENITO | 1,810 | 5,885 | 4,547 | 12,242 | 1,183 | 4,564 | 190 | 5,937 | 15 | 1 | 16 | 12,258 |
| SAN BERNARDINO | 3,401 | 13,047 | 332 | 16,780 | 673 | 12,752 | 70 | 13,495 | 19,631 | 1,802 | 21,433 | 38,213 |
| SAN DIEGO | 16,225 | 5,917 | 1,915 | 24,057 | 2,799 | 238 | 138 | 3,175 | 10,950 | 231 | 11,181 | 35,238 |
| SAN FRANCISCO | 44 | 191 | 362 | 597 | 12 | 70 | 6 | 88 | 543 | 339 | 882 | 1,479 |
| SAN JOAQUIN | 5,254 | 185,839 | 73,276 | 264,369 | 1,691 | 155,415 | 22,235 | 179,341 | 5,232 | 125 | 5,357 | 269,726 |
| SAN LUIS OBISPO | 2,499 | 5,610 | 10,366 | 18,475 | 309 | 2,811 | 1,369 | 4,489 | 509 | 59 | 568 | 19,043 |
| SAN MATEO | 2,907 | 851 | 171 | 3,929 | 550 | 696 | 51 | 1,297 | 2,608 | 217 | 2,825 | 6,754 |
| SANTA BARBARA | 4,913 | 45,452 | 40,639 | 91,004 | 1,252 | 41,560 | 2,079 | 44,891 | 2,040 | 189 | 2,229 | 93,233 |
| SANTA CLARA | 2,495 | 6,473 | 1,984 | 10,952 | 801 | 4,617 | 349 | 5,767 | 5,581 | 201 | 5,782 | 16,734 |
| SANTA CRUZ | 2,803 | 8,650 | 1,147 | 12,600 | 807 | 6,703 | 550 | 8,060 | 1,658 | 204 | 1,862 | 14,462 |
| SHASTA | 656 | 13,870 | 2,108 | 16,634 | 144 | 7,538 | 1,759 | 9,441 | 1,237 | 189 | 1,426 | 18,060 |
| SIERRA | 0 | 10 | 1 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| SISKIYOU | 78 | 20,801 | 2,345 | 23,224 | 78 | 6,382 | 219 | 6,679 | 1,144 | 13 | 1,157 | 24,381 |
| SOLANO | 686 | 27,386 | 54,288 | 82,360 | 540 | 13,135 | 44,095 | 57,770 | 1,931 | 1,903 | 3,834 | 86,194 |
| SONOMA | 2,782 | 26,634 | 1,098 | 30,514 | 765 | 14,786 | 187 | 15,738 | 11,438 | 2,451 | 13,889 | 44,403 |
| STANISLAUS | 10,830 | 254,771 | 118,198 | 383,799 | 4,256 | 186,915 | 21,510 | 212,681 | 2,459 | 73 | 2,532 | 386,331 |
| SUTTER | 1,536 | 26,852 | 49,060 | 77,448 | 636 | 11,586 | 3,673 | 15,895 | 333 | 19 | 352 | 77,800 |
| TEHAMA | 176 | 21,922 | 2,741 | 24,839 | 22 | 11,592 | 169 | 11,783 | 817 | 4 | 821 | 25,660 |
| TRINITY | 5 | 0 | 5 | 10 | 0 | 0 | 0 | 0 | 25 | 14 | 39 | 49 |
| TULARE | 13,219 | 201,292 | 89,697 | 304,208 | 6,702 | 163,269 | 35,321 | 205,292 | 5,072 | 3,269 | 8,341 | 312,549 |
| TUOLUMNE | 27,231 | 1,554 | 2 | 28,787 | 27,230 | 419 | 2 | 27,651 | 75 | 3 | 78 | 28,865 |
| VENTURA | 7,792 | 27,998 | 20,811 | 56,601 | 2,694 | 21,955 | 2,435 | 27,084 | 4,455 | 187 | 4,642 | 61,243 |
| YOLO | 1,760 | 98,781 | 32,486 | 133,027 | 1,093 | 50,683 | 1,799 | 53,575 | 791 | 37 | 828 | 133,855 |
| YUBA | 328 | 7,890 | 8,565 | 16,783 | 129 | 3,032 | 163 | 3,324 | 437 | 99 | 536 | 17,319 |
| ** UNKNOWN ** | 2,339 | 16,583 | 13,367 | 32,289 | 51 | 9,913 | 512 | 10,476 | 88,058 | 2,063 | 90,121 | 122,410 |
| TOTAL | 275,534 | 3,312,129 | 1,810,533 | 5,398,196 | 106,650 | 2,491,180 | 428,499 | 3,026,329 | 343,789 | 31,258 | 375,047 | 5,773,243 |

STATE OF CALIFORNIA - DEPARTMENT OF FOOD AND AGRICULTURE
TONNAGE REPORT OF COMMERCIAL FERTILIZERS, AGRICULTURAL MINERALS, AND COMPOST
JULY 2017-JUNE 2018
TONS OF NUTRIENTS BY FORM - INCLUDES FARM AND NON-FARM

| COUNTY | ALL NITROGEN | ALL P2O5 | ALL K2O | ALL TOTAL | DRY NITROGEN | DRY P2O5 | DRY K2O | DRY TOTAL | LIQUID NITROGEN | LIQUID P2O5 | LIQUID K2O | LIQUID TOTAL |
|-----------------|----------------|----------------|----------------|------------------|----------------|---------------|----------------|----------------|-----------------|----------------|----------------|----------------|
| ALAMEDA | 3,466 | 275 | 248 | 3,989 | 1,551 | 238 | 176 | 1,964 | 1,915 | 37 | 72 | 2,025 |
| ALPINE | 855 | 3 | 8 | 865 | 711 | 3 | 8 | 721 | 144 | 0 | 0 | 144 |
| AMADOR | 97 | 30 | 66 | 193 | 79 | 22 | 54 | 155 | 18 | 8 | 12 | 38 |
| BUTTE | 22,925 | 4,973 | 24,753 | 52,651 | 8,307 | 3,440 | 22,695 | 34,442 | 14,618 | 1,533 | 2,059 | 18,209 |
| CALAVERAS | 1,407 | 530 | 447 | 2,384 | 256 | 319 | 312 | 886 | 1,151 | 211 | 136 | 1,498 |
| COLUSA | 19,313 | 4,365 | 4,952 | 28,630 | 3,910 | 1,528 | 2,959 | 8,397 | 15,403 | 2,837 | 1,993 | 20,233 |
| CONTRA COSTA | 12,908 | 5,403 | 1,998 | 20,308 | 6,063 | 3,007 | 1,523 | 10,593 | 6,844 | 2,396 | 476 | 9,716 |
| DEL NORTE | 4,183 | 1,491 | 2,558 | 8,233 | 586 | 828 | 1,980 | 3,393 | 3,598 | 664 | 578 | 4,839 |
| EL DORADO | 330 | 143 | 73 | 546 | 286 | 119 | 49 | 454 | 44 | 24 | 24 | 92 |
| FRESNO | 97,197 | 23,086 | 52,193 | 172,476 | 16,809 | 5,435 | 20,289 | 42,533 | 80,388 | 17,651 | 31,904 | 129,944 |
| GLENN | 8,321 | 2,921 | 7,504 | 18,747 | 2,488 | 2,455 | 6,895 | 11,838 | 5,833 | 466 | 610 | 6,909 |
| HUMBOLDT | 1,488 | 549 | 527 | 2,563 | 1,256 | 489 | 492 | 2,237 | 231 | 60 | 35 | 326 |
| IMPERIAL | 46,305 | 23,033 | 4,505 | 73,844 | 25,468 | 13,953 | 3,454 | 42,874 | 20,838 | 9,080 | 1,051 | 30,969 |
| INYO | 3,597 | 707 | 1,977 | 6,281 | 1,144 | 571 | 1,884 | 3,599 | 2,453 | 136 | 93 | 2,682 |
| KERN | 51,336 | 13,924 | 34,091 | 99,352 | 11,214 | 5,323 | 19,067 | 35,604 | 40,122 | 8,601 | 15,024 | 63,748 |
| KINGS | 16,006 | 5,866 | 10,144 | 32,016 | 2,431 | 857 | 6,630 | 9,918 | 13,575 | 5,010 | 3,513 | 22,098 |
| LAKE | 836 | 450 | 322 | 1,607 | 299 | 189 | 231 | 719 | 537 | 260 | 91 | 888 |
| LASSEN | 910 | 381 | 321 | 1,612 | 563 | 319 | 289 | 1,171 | 347 | 62 | 32 | 441 |
| LOS ANGELES | 8,880 | 1,085 | 1,265 | 11,230 | 7,566 | 966 | 1,096 | 9,628 | 1,314 | 119 | 169 | 1,602 |
| MADERA | 20,272 | 3,369 | 8,972 | 32,614 | 5,355 | 1,726 | 3,802 | 10,882 | 14,917 | 1,643 | 5,171 | 21,731 |
| MARIN | 274 | 79 | 83 | 437 | 206 | 78 | 80 | 364 | 68 | 1 | 3 | 72 |
| MARIPOSA | 329 | 113 | 156 | 598 | 53 | 59 | 109 | 221 | 276 | 54 | 47 | 377 |
| MENDOCINO | 1,260 | 385 | 598 | 2,242 | 993 | 346 | 490 | 1,829 | 267 | 38 | 108 | 413 |
| MERCED | 20,557 | 6,719 | 14,532 | 41,808 | 4,499 | 3,239 | 8,342 | 16,079 | 16,058 | 3,481 | 6,190 | 25,729 |
| MODOC | 4,734 | 954 | 717 | 6,405 | 4,468 | 858 | 657 | 5,982 | 266 | 97 | 60 | 423 |
| MONO | 185 | 216 | 42 | 443 | 126 | 210 | 30 | 366 | 59 | 7 | 12 | 77 |
| MONTEREY | 47,566 | 11,622 | 19,315 | 78,503 | 14,612 | 3,270 | 11,009 | 28,891 | 32,955 | 8,352 | 8,306 | 49,613 |
| NAPA | 4,719 | 2,134 | 3,446 | 10,299 | 2,898 | 1,534 | 2,607 | 7,038 | 1,820 | 601 | 839 | 3,260 |
| NEVADA | 464 | 107 | 221 | 792 | 318 | 65 | 50 | 433 | 146 | 42 | 171 | 359 |
| ORANGE | 7,166 | 1,191 | 3,113 | 11,470 | 5,608 | 583 | 2,559 | 8,750 | 1,557 | 608 | 554 | 2,720 |
| PLACER | 1,937 | 184 | 301 | 2,422 | 1,491 | 157 | 294 | 1,942 | 446 | 27 | 7 | 480 |
| PLUMAS | 20 | 2 | 4 | 26 | 19 | 2 | 4 | 25 | 1 | 0 | 0 | 1 |
| RIVERSIDE | 24,699 | 10,822 | 3,398 | 38,919 | 13,425 | 7,174 | 2,843 | 23,442 | 11,274 | 3,648 | 555 | 15,477 |
| SACRAMENTO | 7,725 | 1,933 | 5,126 | 14,784 | 3,297 | 691 | 2,430 | 6,419 | 4,427 | 1,242 | 2,696 | 8,365 |
| SAN BENITO | 2,858 | 1,067 | 646 | 4,571 | 1,176 | 496 | 150 | 1,822 | 1,682 | 571 | 496 | 2,749 |
| SAN BERNARDINO | 5,790 | 851 | 650 | 7,291 | 4,895 | 817 | 638 | 6,350 | 895 | 34 | 12 | 941 |
| SAN DIEGO | 8,782 | 1,013 | 2,356 | 12,150 | 8,187 | 824 | 2,314 | 11,325 | 595 | 188 | 42 | 825 |
| SAN FRANCISCO | 391 | 92 | 15 | 498 | 133 | 88 | 6 | 227 | 258 | 4 | 9 | 271 |
| SAN JOAQUIN | 21,462 | 5,041 | 18,479 | 44,981 | 7,524 | 2,607 | 12,311 | 22,442 | 13,937 | 2,433 | 6,168 | 22,539 |
| SAN LUIS OBISPO | 4,848 | 502 | 2,512 | 7,862 | 2,573 | 198 | 798 | 3,569 | 2,276 | 304 | 1,713 | 4,293 |
| SAN MATEO | 1,434 | 272 | 418 | 2,124 | 1,314 | 264 | 389 | 1,967 | 120 | 8 | 29 | 157 |
| SANTA BARBARA | 15,444 | 6,011 | 6,125 | 27,580 | 2,813 | 635 | 1,762 | 5,210 | 12,631 | 5,376 | 4,363 | 22,370 |
| SANTA CLARA | 3,004 | 831 | 1,396 | 5,232 | 2,602 | 644 | 904 | 4,151 | 402 | 187 | 492 | 1,080 |
| SANTA CRUZ | 2,562 | 490 | 890 | 3,942 | 2,239 | 305 | 808 | 3,353 | 323 | 184 | 82 | 589 |
| SHASTA | 2,577 | 499 | 355 | 3,431 | 2,457 | 489 | 347 | 3,293 | 120 | 10 | 8 | 138 |
| SIERRA | 2 | 2 | 1 | 5 | 1 | 2 | 1 | 4 | 1 | 0 | 0 | 1 |
| SISKIYOU | 6,600 | 1,557 | 1,484 | 9,640 | 6,138 | 1,328 | 1,454 | 8,920 | 461 | 229 | 30 | 720 |
| SOLANO | 6,227 | 10,380 | 1,629 | 18,235 | 1,809 | 3,711 | 1,161 | 6,682 | 4,418 | 6,669 | 467 | 11,554 |
| SONOMA | 2,357 | 763 | 660 | 3,780 | 1,231 | 522 | 439 | 2,192 | 1,126 | 241 | 221 | 1,588 |
| STANISLAUS | 34,163 | 8,351 | 33,417 | 75,931 | 7,601 | 3,962 | 27,168 | 38,731 | 26,562 | 4,389 | 6,250 | 37,201 |
| SUTTER | 12,481 | 1,328 | 3,580 | 17,389 | 2,897 | 916 | 2,617 | 6,430 | 9,583 | 413 | 964 | 10,959 |
| TEHAMA | 2,018 | 1,131 | 2,402 | 5,551 | 1,221 | 1,070 | 2,282 | 4,572 | 797 | 61 | 120 | 978 |
| TRINITY | 25 | 10 | 5 | 40 | 19 | 5 | 4 | 28 | 6 | 5 | 1 | 12 |
| TULARE | 34,199 | 7,491 | 16,398 | 58,089 | 13,661 | 1,195 | 12,159 | 27,014 | 20,539 | 6,297 | 4,240 | 31,075 |
| TUOLUMNE | 5 | 2 | 2 | 9 | 4 | 1 | 1 | 6 | 1 | 1 | 1 | 3 |
| VENTURA | 14,290 | 3,513 | 4,167 | 21,970 | 5,671 | 1,386 | 2,241 | 9,298 | 8,619 | 2,127 | 1,926 | 12,672 |
| YOLO | 12,793 | 1,887 | 6,223 | 20,903 | 5,135 | 1,073 | 5,282 | 11,489 | 7,659 | 814 | 941 | 9,414 |
| YUBA | 2,683 | 417 | 1,643 | 4,743 | 894 | 269 | 1,511 | 2,674 | 1,789 | 149 | 132 | 2,070 |
| ** UNKNOWN ** | 8,231 | 6,050 | 5,154 | 19,434 | 4,227 | 4,266 | 2,405 | 10,897 | 4,004 | 1,784 | 2,749 | 8,537 |
| TOTAL | 647,495 | 188,593 | 318,583 | 1,154,670 | 234,776 | 87,123 | 204,537 | 526,436 | 412,718 | 101,470 | 114,047 | 628,235 |

FERTILIZING MATERIALS TONNAGE REPORT

JULY – DECEMBER 2018



FEED, FERTILIZER, AND LIVESTOCK DRUGS REGULATORY SERVICES
DIVISION OF INSPECTION SERVICES

SACRAMENTO, CALIFORNIA 95814

FOREWORD

This publication summarizes State and County tonnage sales/distributions of commercial fertilizers, specialty fertilizers, agricultural minerals, and compost as required by Section 14622 of the Food and Agricultural Code.

The tonnage, by grade and analysis, is computed from licensee reports filed with the California Department of Food and Agriculture, in accordance with Section 14621 of the Food and Agricultural Code.

Licensees are required to report, semi-annually, the tonnage of commercial fertilizers, specialty fertilizers, agricultural minerals, and/or compost sold/distributed in California, as defined in the Food and Agricultural Code, Sections 14512, 14522 and 14563, 14550.5, and 14525. The tonnage of materials is to be reported by the last licensee selling/distributing to unlicensed purchasers.

The tonnage report is a breakdown of the raw materials for nitrogen, phosphorus, potassium, and agricultural mineral materials. The amounts of nitrogen, phosphorus, and potassium ingredients, in differing formulas, are determined by the last licensee, and that amount is placed in the appropriate category.

Keeping the above in mind, this report is only as accurate as the reports received in this office; therefore, the figures may vary from publication to publication.

If you have any questions, please contact our office at the number below.

Sincerely,

Original Signed by Amadou Ba

Amadou Ba, Ph.D,
Environmental Program Manager II

STATE OF CALIFORNIA - DEPARTMENT OF FOOD AND AGRICULTURE
 TONNAGE REPORT OF COMMERCIAL FERTILIZERS, AGRICULTURAL MINERALS, AND COMPOST
 JANUARY 2017-DECEMBER 2018
 TOTAL TONS OF MATERIALS REPORTED FOR THE PERIOD INDICATED

| CODE | MATERIAL NAME | JAN-JUNE 2017 | JAN-JUNE 2018 | JULY-DEC 2017 | JULY-DEC 2018 | JAN-DEC 2017 | JAN-DEC 2018 |
|------|---------------------------------------|------------------|------------------|------------------|------------------|-----------------|-----------------|
| 0 | IDENTIFIED BY GRADE | 413,712 | 0 | 322,235 | 0 | 735,947 | 0 |
| 0 | N-P-K GRADES | 323,718 | 0 | 213,690 | 0 | 537,408 | 0 |
| 2 | ANHYDROUS AMMONIA | 6,021 | 4,086 | 5,162 | 7,136 | 11,183 | 11,222 |
| 6 | AQUA AMMONIA | 132,067 | 133,186 | 10,882 | 11,710 | 142,949 | 144,896 |
| 10 | AMMONIUM NITRATE | 442 | 1,119 | 1,833 | 448 | 2,275 | 1,567 |
| 12 | AMMONIUM NITRATE SOLUTION | 28,447 | 20,711 | 25,674 | 19,070 | 54,121 | 39,781 |
| 20 | AMMONIUM POLYSULFIDE | 1,312 | 439 | 0 | 0 | 1,312 | 439 |
| 24 | AMMONIUM SULFATE | 61,301 | 67,285 | 34,962 | 26,755 | 96,263 | 94,040 |
| 31 | AMMONIUM THIOSULFATE | 38,859 | 39,882 | 16,267 | 13,145 | 55,126 | 53,027 |
| 35 | CALCIUM AMMONIUM NITRATE SOLUTION | 130,503 | 106,921 | 42,938 | 40,895 | 173,441 | 147,816 |
| 43 | CALCIUM NITRATE | 19,729 | 7,779 | 8,594 | 4,618 | 28,323 | 12,397 |
| 58 | NITROGEN SOLUTION 28% | 2,158 | 2,080 | 928 | 3,912 | 3,086 | 5,992 |
| 60 | NITROGEN SOLUTION 32% | 308,561 | 377,488 | 159,364 | 172,180 | 467,925 | 549,668 |
| 62 | SODIUM NITRATE | 1,793 | 1,994 | 2,086 | 157 | 3,879 | 2,151 |
| 64 | SULFUR COATED UREA | 205 | 44 | 19 | 10 | 224 | 54 |
| 66 | UREA | 53,742 | 56,029 | 4,550 | 35,782 | 58,292 | 91,811 |
| 67 | UREA SOLUTION | 2,096 | 6,876 | 5,778 | 1,560 | 7,874 | 8,436 |
| 0 | NON-FARM USE NITROGEN | 0 | 25,145 | 0 | 25,306 | 0 | 50,451 |
| 98 | NITROGEN MATERIALS - COMPOST | 0 | 8,179 | 0 | 2,938 | 0 | 11,117 |
| 203 | DIAMMONIUM PHOSPHATE | 512 | 407 | 10 | 18 | 522 | 425 |
| 207 | AMMONIUM PHOSPHATE SULFATE | 11,942 | 11,335 | 4,897 | 6,235 | 16,839 | 17,570 |
| 209 | MONOAMMONIUM PHOSPHATE | 25,071 | 30,545 | 38,530 | 29,456 | 63,601 | 60,001 |
| 248 | PHOSPHORIC ACID | 8,047 | 9,223 | 8,478 | 8,036 | 16,525 | 17,259 |
| 249 | LIQUID AMMONIUM POLYPHOSPHATE | 34,370 | 37,631 | 18,798 | 22,699 | 53,168 | 60,330 |
| 263 | NORMAL SUPERPHOSPHATE | 1,918 | 30 | 0 | 1 | 1,918 | 31 |
| 267 | TRIPLE SUPERPHOSPHATE | 164 | 473 | 662 | 1,229 | 826 | 1,702 |
| 0 | NON-FARM USE PHOSPHORUS | 0 | 13,105 | 0 | 16,354 | 0 | 29,459 |
| 298 | PHOSPHORUS MATERIALS - COMPOST | 0 | 2,305 | 0 | 2,169 | 0 | 4,474 |
| 428 | MURIATE OF POTASH | 17,970 | 25,001 | 21,626 | 26,170 | 39,596 | 51,171 |
| 443 | SULFATE OF POTASH MAGNESIA | 4,668 | 25,396 | 15,991 | 14,095 | 20,659 | 39,491 |
| 453 | POTASSIUM NITRATE | 10,852 | 3,063 | 10,171 | 2,849 | 21,023 | 5,912 |
| 463 | POTASSIUM SULFATE | 53,550 | 57,510 | 179,437 | 56,227 | 232,987 | 113,737 |
| 0 | NON-FARM USE POTASH | 0 | 6,157 | 0 | 6,118 | 0 | 12,275 |
| 498 | POTASSIUM MATERIALS - COMPOST | 0 | 2,915 | 0 | 3,104 | 0 | 6,019 |
| 601 | BLOOD MEAL | 35 | 29 | 10 | 10 | 45 | 39 |
| 667 | SEWAGE SLUDGE | 87,800 | 98,055 | 191,600 | 110,072 | 279,400 | 208,127 |
| 723 | COPPER - ALL MATERIALS | 1,003 | 517 | 482 | 390 | 1,485 | 907 |
| 731 | IRON - ALL MATERIALS | 2,994 | 2,185 | 1,764 | 1,508 | 4,758 | 3,693 |
| 732 | GYPSUM - ALL MATERIALS | 528,080 | 611,234 | 1,121,845 | 816,493 | 1,649,925 | 1,427,727 |
| 770 | SULFUR | 64,323 | 68,776 | 57,203 | 63,012 | 121,526 | 131,788 |
| 774 | SULFURIC ACID | 61,516 | 81,633 | 75,789 | 80,613 | 137,305 | 162,246 |
| 797 | SECONDARY/MICRONUTRIENTS - ALL OTHER | 330,069 | 230,432 | 181,841 | 163,063 | 511,910 | 393,495 |
| 907 | LIMING MATERIALS - ALL MATERIALS | 44,613 | 109,726 | 193,171 | 227,783 | 237,784 | 337,509 |
| 0 | NON-FARM USE SECONDARY/MICRONUTRIENTS | 0 | 12,790 | 0 | 9,109 | 0 | 21,899 |
| 613 | OIM BULK COMPOST - NO NUTRIENTS | 0 | 178,772 | 0 | 310,625 | 0 | 489,397 |
| 0 | TOTAL | 2,814,163 | 2,478,488 | 2,977,267 | 2,343,060 | 5,791,430 | 4,821,548 |

STATE OF CALIFORNIA - DEPARTMENT OF FOOD AND AGRICULTURE
TONNAGE REPORT OF COMMERCIAL FERTILIZERS, AGRICULTURAL MINERALS, AND COMPOST
TOTAL TONS OF NUTRIENTS REPORTED FOR THE PERIOD INDICATED

| CODE | MATERIAL NAME | JAN-JUNE | JAN-JUNE | JAN-JUNE | JAN-JUNE | JAN-JUNE | JAN-JUNE |
|------|-----------------------------------|-----------|--------------|-------------|-----------|--------------|-------------|
| | | 2017 N | 2017 P2O5 | 2017 K2O | 2018 N | 2018 P2O5 | 2018 K2O |
| 0 | IDENTIFIED BY GRADE | 159,587 | 67,044 | 97,088 | 0 | 0 | 0 |
| 0 | NON-FARM USE NITROGEN | 0 | 0 | 0 | 25,145 | 0 | 0 |
| 0 | NON-FARM USE PHOSPHORUS | 0 | 0 | 0 | 0 | 13,105 | 0 |
| 0 | NON-FARM USE POTASH | 0 | 0 | 0 | 0 | 0 | 6,157 |
| 2 | ANHYDROUS AMMONIA | 4,937 | 0 | 0 | 3,351 | 0 | 0 |
| 6 | AQUA AMMONIA | 26,413 | 0 | 0 | 26,637 | 0 | 0 |
| 10 | AMMONIUM NITRATE | 150 | 0 | 0 | 380 | 0 | 0 |
| 12 | AMMONIUM NITRATE SOLUTION | 5,689 | 0 | 0 | 4,142 | 0 | 0 |
| 20 | AMMONIUM POLYSULFIDE | 262 | 0 | 0 | 88 | 0 | 0 |
| 24 | AMMONIUM SULFATE | 12,873 | 0 | 0 | 14,130 | 0 | 0 |
| 31 | AMMONIUM THIOSULFATE | 4,663 | 0 | 0 | 4,786 | 0 | 0 |
| 35 | CALCIUM AMMONIUM NITRATE SOLUTION | 22,186 | 0 | 0 | 18,184 | 0 | 0 |
| 43 | CALCIUM NITRATE | 2,959 | 0 | 0 | 1,167 | 0 | 0 |
| 58 | NITROGEN SOLUTION 28% | 604 | 0 | 0 | 582 | 0 | 0 |
| 60 | NITROGEN SOLUTION 32% | 98,740 | 0 | 0 | 120,796 | 0 | 0 |
| 62 | SODIUM NITRATE | 287 | 0 | 0 | 319 | 0 | 0 |
| 64 | SULFUR COATED UREA | 74 | 0 | 0 | 16 | 0 | 0 |
| 66 | UREA | 24,721 | 0 | 0 | 25,773 | 0 | 0 |
| 67 | UREA SOLUTION | 419 | 0 | 0 | 1,375 | 0 | 0 |
| 97 | NITROGEN MATERIALS - ALL OTHER | 0 | 0 | 0 | 137,451 | 0 | 0 |
| 98 | NITROGEN MATERIALS - COMPOST | 0 | 0 | 0 | 8,179 | 0 | 0 |
| 203 | DIAMMONIUM PHOSPHATE | 92 | 236 | 0 | 73 | 187 | 0 |
| 207 | AMMONIUM PHOSPHATE SULFATE | 1,911 | 2,388 | 0 | 1,814 | 2,267 | 0 |
| 209 | MONOAMMONIUM PHOSPHATE | 2,758 | 13,037 | 0 | 3,360 | 15,883 | 0 |
| 248 | PHOSPHORIC ACID | 0 | 4,345 | 0 | 0 | 4,980 | 0 |
| 249 | LIQUID AMMONIUM POLYPHOSPHATE | 3,437 | 11,686 | 0 | 3,763 | 12,795 | 0 |
| 263 | NORMAL SUPERPHOSPHATE | 0 | 422 | 0 | 0 | 7 | 0 |
| 267 | TRIPLE SUPERPHOSPHATE | 0 | 75 | 0 | 0 | 218 | 0 |
| 297 | PHOSPHORUS MATERIALS - ALL OTHER | 0 | 0 | 0 | 0 | 56,583 | 0 |
| 298 | PHOSPHORUS MATERIALS - COMPOST | 0 | 0 | 0 | 0 | 2,305 | 0 |
| 428 | MURIATE OF POTASH | 0 | 0 | 10,782 | 0 | 0 | 15,001 |
| 443 | SULFATE OF POTASH MAGNESIA | 0 | 0 | 1,027 | 0 | 0 | 5,588 |
| 453 | POTASSIUM NITRATE | 1,519 | 0 | 4,775 | 429 | 0 | 1,348 |
| 463 | POTASSIUM SULFATE | 0 | 0 | 26,775 | 0 | 0 | 28,755 |
| 497 | POTASSIUM MATERIALS - ALL OTHER | 0 | 0 | 0 | 0 | 0 | 88,044 |
| 498 | POTASSIUM MATERIALS - COMPOST | 0 | 0 | 0 | 0 | 0 | 2,915 |
| 601 | BLOOD MEAL | 4 | 0 | 0 | 3 | 0 | 0 |
| 667 | SEWAGE SLUDGE | 5,268 | 1,756 | 878 | 5,883 | 1,961 | 981 |
| 0 | TOTAL | 379,555 | 100,989 | 141,325 | 407,827 | 110,291 | 148,788 |

STATE OF CALIFORNIA - DEPARTMENT OF FOOD AND AGRICULTURE
 TONNAGE REPORT OF COMMERCIAL FERTILIZERS, AGRICULTURAL MINERALS, AND COMPOST
 TOTAL TONS OF NUTRIENTS REPORTED FOR THE PERIOD INDICATED

| CODE | MATERIAL NAME | JUL-DEC 2017 N | JUL-DEC 2017 P2O5 | JUL-DEC 2017 K2O | JUL-DEC 2018 N | JUL-DEC 2018 P2O5 | JUL-DEC 2018 K2O |
|------|-----------------------------------|----------------------|-------------------------|------------------------|----------------------|-------------------------|------------------------|
| 0 | IDENTIFIED BY GRADE | 116,145 | 42,161 | 57,186 | 0 | 0 | 0 |
| 0 | NON-FARM USE NITROGEN | 0 | 0 | 0 | 25,306 | 0 | 0 |
| 0 | NON-FARM USE PHOSPHORUS | 0 | 0 | 0 | 0 | 16,354 | 0 |
| 0 | NON-FARM USE POTASH | 0 | 0 | 0 | 0 | 0 | 6,118 |
| 2 | ANHYDROUS AMMONIA | 4,233 | 0 | 0 | 5,852 | 0 | 0 |
| 6 | AQUA AMMONIA | 2,176 | 0 | 0 | 2,342 | 0 | 0 |
| 10 | AMMONIUM NITRATE | 623 | 0 | 0 | 152 | 0 | 0 |
| 12 | AMMONIUM NITRATE SOLUTION | 5,135 | 0 | 0 | 3,814 | 0 | 0 |
| 20 | AMMONIUM POLYSULFIDE | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 | AMMONIUM SULFATE | 7,342 | 0 | 0 | 5,619 | 0 | 0 |
| 31 | AMMONIUM THIOSULFATE | 1,952 | 0 | 0 | 1,577 | 0 | 0 |
| 35 | CALCIUM AMMONIUM NITRATE SOLUTION | 7,299 | 0 | 0 | 6,952 | 0 | 0 |
| 43 | CALCIUM NITRATE | 1,290 | 0 | 0 | 693 | 0 | 0 |
| 58 | NITROGEN SOLUTION 28% | 260 | 0 | 0 | 1,095 | 0 | 0 |
| 60 | NITROGEN SOLUTION 32% | 50,955 | 0 | 0 | 55,098 | 0 | 0 |
| 62 | SODIUM NITRATE | 334 | 0 | 0 | 25 | 0 | 0 |
| 64 | SULFUR COATED UREA | 7 | 0 | 0 | 4 | 0 | 0 |
| 66 | UREA | 20,930 | 0 | 0 | 16,460 | 0 | 0 |
| 67 | UREA SOLUTION | 1,156 | 0 | 0 | 312 | 0 | 0 |
| 97 | NITROGEN MATERIALS - ALL OTHER | 0 | 0 | 0 | 91,496 | 0 | 0 |
| 98 | NITROGEN MATERIALS - COMPOST | 0 | 0 | 0 | 2,938 | 0 | 0 |
| 203 | DIAMMONIUM PHOSPHATE | 2 | 5 | 0 | 3 | 8 | 0 |
| 207 | AMMONIUM PHOSPHATE SULFATE | 789 | 987 | 0 | 998 | 1,247 | 0 |
| 209 | MONOAMMONIUM PHOSPHATE | 4,238 | 20,036 | 0 | 3,240 | 15,317 | 0 |
| 248 | PHOSPHORIC ACID | 0 | 4,578 | 0 | 0 | 4,339 | 0 |
| 249 | LIQUID AMMONIUM POLYPHOSPHATE | 1,881 | 6,394 | 0 | 2,270 | 7,718 | 0 |
| 263 | NORMAL SUPERPHOSPHATE | 0 | 0 | 0 | 0 | 0 | 0 |
| 267 | TRIPLE SUPERPHOSPHATE | 0 | 310 | 0 | 0 | 565 | 0 |
| 297 | PHOSPHORUS MATERIALS - ALL OTHER | 0 | 0 | 0 | 0 | 41,187 | 0 |
| 298 | PHOSPHORUS MATERIALS - COMPOST | 0 | 0 | 0 | 0 | 2,169 | 0 |
| 428 | MURIATE OF POTASH | 0 | 0 | 12,976 | 0 | 0 | 15,702 |
| 443 | SULFATE OF POTASH MAGNESIA | 0 | 0 | 3,523 | 0 | 0 | 3,101 |
| 453 | POTASSIUM NITRATE | 1,424 | 0 | 4,477 | 399 | 0 | 1,254 |
| 463 | POTASSIUM SULFATE | 0 | 0 | 89,718 | 0 | 0 | 28,114 |
| 497 | POTASSIUM MATERIALS - ALL OTHER | 0 | 0 | 0 | 0 | 0 | 55,576 |
| 498 | POTASSIUM MATERIALS - COMPOST | 0 | 0 | 0 | 0 | 0 | 3,104 |
| 601 | BLOOD MEAL | 1 | 0 | 0 | 1 | 0 | 0 |
| 667 | SEWAGE SLUDGE | 11,496 | 3,832 | 1,916 | 6,604 | 2,201 | 1,101 |
| 0 | TOTAL | 239,668 | 78,302 | 169,795 | 233,249 | 91,107 | 114,069 |

STATE OF CALIFORNIA - DEPARTMENT OF FOOD AND AGRICULTURE
 TONNAGE REPORT OF COMMERCIAL FERTILIZERS, AGRICULTURAL MINERALS, AND COMPOST
 TOTAL TONS OF NUTRIENTS REPORTED FOR THE PERIOD INDICATED

| CODE | MATERIAL NAME | JAN-DEC | JAN-DEC | JAN-DEC | JAN-DEC | JAN-DEC | JAN-DEC |
|------|-----------------------------------|-----------|--------------|-------------|-----------|--------------|-------------|
| | | 2017 N | 2017 P2O5 | 2017 K2O | 2018 N | 2018 P2O5 | 2018 K2O |
| 0 | IDENTIFIED BY GRADE | 275,732 | 109,205 | 154,274 | 0 | 0 | 0 |
| 0 | NON-FARM USE NITROGEN | 0 | 0 | 0 | 50,451 | 0 | 0 |
| 0 | NON-FARM USE PHOSPHORUS | 0 | 0 | 0 | 0 | 29,459 | 0 |
| 0 | NON-FARM USE POTASH | 0 | 0 | 0 | 0 | 0 | 12,275 |
| 2 | ANHYDROUS AMMONIA | 9,170 | 0 | 0 | 9,202 | 0 | 0 |
| 6 | AQUA AMMONIA | 28,590 | 0 | 0 | 28,979 | 0 | 0 |
| 10 | AMMONIUM NITRATE | 774 | 0 | 0 | 533 | 0 | 0 |
| 12 | AMMONIUM NITRATE SOLUTION | 10,824 | 0 | 0 | 7,956 | 0 | 0 |
| 20 | AMMONIUM POLYSULFIDE | 262 | 0 | 0 | 88 | 0 | 0 |
| 24 | AMMONIUM SULFATE | 20,215 | 0 | 0 | 19,748 | 0 | 0 |
| 31 | AMMONIUM THIOSULFATE | 6,615 | 0 | 0 | 6,363 | 0 | 0 |
| 35 | CALCIUM AMMONIUM NITRATE SOLUTION | 29,485 | 0 | 0 | 25,136 | 0 | 0 |
| 43 | CALCIUM NITRATE | 4,249 | 0 | 0 | 1,860 | 0 | 0 |
| 58 | NITROGEN SOLUTION 28% | 864 | 0 | 0 | 1,678 | 0 | 0 |
| 60 | NITROGEN SOLUTION 32% | 149,694 | 0 | 0 | 175,894 | 0 | 0 |
| 62 | SODIUM NITRATE | 621 | 0 | 0 | 344 | 0 | 0 |
| 64 | SULFUR COATED UREA | 81 | 0 | 0 | 19 | 0 | 0 |
| 66 | UREA | 45,651 | 0 | 0 | 42,233 | 0 | 0 |
| 67 | UREA SOLUTION | 1,575 | 0 | 0 | 1,687 | 0 | 0 |
| 97 | NITROGEN MATERIALS - ALL OTHER | 0 | 0 | 0 | 228,947 | 0 | 0 |
| 98 | NITROGEN MATERIALS - COMPOST | 0 | 0 | 0 | 11,117 | 0 | 0 |
| 203 | DIAMMONIUM PHOSPHATE | 94 | 240 | 0 | 77 | 196 | 0 |
| 207 | AMMONIUM PHOSPHATE SULFATE | 2,700 | 3,375 | 0 | 2,811 | 3,514 | 0 |
| 209 | MONOAMMONIUM PHOSPHATE | 6,996 | 33,073 | 0 | 6,600 | 31,201 | 0 |
| 248 | PHOSPHORIC ACID | 0 | 8,924 | 0 | 0 | 9,320 | 0 |
| 249 | LIQUID AMMONIUM POLYPHOSPHATE | 5,318 | 18,080 | 0 | 6,033 | 20,512 | 0 |
| 263 | NORMAL SUPERPHOSPHATE | 0 | 422 | 0 | 0 | 7 | 0 |
| 267 | TRIPLE SUPERPHOSPHATE | 0 | 385 | 0 | 0 | 783 | 0 |
| 297 | PHOSPHORUS MATERIALS - ALL OTHER | 0 | 0 | 0 | 0 | 97,770 | 0 |
| 298 | PHOSPHORUS MATERIALS - COMPOST | 0 | 0 | 0 | 0 | 4,474 | 0 |
| 428 | MURIATE OF POTASH | 0 | 0 | 23,758 | 0 | 0 | 30,703 |
| 443 | SULFATE OF POTASH MAGNESIA | 0 | 0 | 4,550 | 0 | 0 | 8,689 |
| 453 | POTASSIUM NITRATE | 2,944 | 0 | 9,251 | 828 | 0 | 2,601 |
| 463 | POTASSIUM SULFATE | 0 | 0 | 116,493 | 0 | 0 | 56,869 |
| 497 | POTASSIUM MATERIALS - ALL OTHER | 0 | 0 | 0 | 0 | 0 | 143,620 |
| 498 | POTASSIUM MATERIALS - COMPOST | 0 | 0 | 0 | 0 | 0 | 6,019 |
| 601 | BLOOD MEAL | 5 | 0 | 0 | 4 | 0 | 0 |
| 667 | SEWAGE SLUDGE | 16,764 | 5,588 | 2,794 | 12,488 | 4,163 | 2,081 |
| 0 | TOTAL | 619,223 | 179,291 | 311,120 | 641,076 | 201,397 | 262,856 |

STATE OF CALIFORNIA - DEPARTMENT OF FOOD AND AGRICULTURE
 TONNAGE REPORT OF COMMERCIAL FERTILIZERS, AGRICULTURAL MINERALS, AND COMPOST
 JULY-DECEMBER 2018
 TONS OF NITROGEN MATERIALS - FARM USE AND NON-FARM USE

| COUNTY | ANHYDROUS AMMONIA | AQUA AMMONIA | AMMONIUM NITRATE | AMMONIUM NITRATE SOLUTION | AMMONIUM POLYSULFIDE | AMMONIUM SULFATE | AMMONIUM THIOSULFATE | BLOOD MEAL | CALCIUM NITRATE SOLUTION | CALCIUM NITRATE | NITROGEN SOLUTION 28% | NITROGEN SOLUTION 32% | SODIUM NITRATE | SULFUR COATED UREA | UREA SOLUTION | NITROGEN MATERIALS - ALL OTHER | NITROGEN MATERIALS - COMPOST | NITROGEN MATERIALS - NON-FARM USE NITROGEN | |
|-----------------|-------------------|---------------|------------------|---------------------------|----------------------|------------------|----------------------|------------|--------------------------|-----------------|-----------------------|-----------------------|----------------|--------------------|---------------|--------------------------------|------------------------------|--|---------------|
| ALAMEDA | 0 | 0 | 0 | 0 | 0 | 19 | 0 | 0 | 0 | 32 | 0 | 0 | 6 | 0 | 1 | 0 | 411 | 0 | 3,108 |
| ALPINE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AMADOR | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 0 | 0 |
| BUTTE | 0 | 309 | 0 | 0 | 0 | 1,789 | 0 | 0 | 78 | 97 | 0 | 2,394 | 0 | 0 | 713 | 0 | 208 | 20 | 378 |
| CALAVERAS | 0 | 0 | 0 | 0 | 0 | 22 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 0 | 3 |
| COLUSA | 285 | 4,793 | 0 | 0 | 0 | 2,237 | 259 | 0 | 824 | 2 | 0 | 2,538 | 0 | 0 | 336 | 0 | 507 | 68 | 0 |
| CONTRA COSTA | 0 | 0 | 0 | 5 | 0 | 82 | 10 | 0 | 625 | 19 | 0 | 441 | 0 | 0 | 278 | 0 | 319 | 0 | 285 |
| DEL NORTE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 5 |
| EL DORADO | 0 | 15 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 6 | 0 | 1 | 0 | 0 | 1 | 0 | 24 | 0 | 35 |
| FRESNO | 467 | 16 | 22 | 183 | 0 | 1,332 | 5,396 | 0 | 5,878 | 779 | 145 | 31,967 | 0 | 0 | 1,198 | 84 | 14,456 | 281 | 234 |
| GLENN | 1 | 983 | 0 | 0 | 0 | 1,651 | 61 | 0 | 163 | 4 | 0 | 1,200 | 0 | 0 | 106 | 0 | 139 | 2 | 13 |
| HUMBOLDT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 59 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 3 | 910 |
| IMPERIAL | 620 | 0 | 52 | 2,858 | 0 | 1,968 | 9 | 0 | 1,634 | 0 | 2,458 | 26,249 | 156 | 0 | 20,497 | 0 | 3,881 | 541 | 8 |
| INYO | 0 | 0 | 0 | 0 | 0 | 23 | 0 | 0 | 20 | 7 | 0 | 3 | 0 | 0 | 1 | 0 | 27 | 0 | 1 |
| KERN | 686 | 0 | 1 | 13 | 0 | 384 | 1,246 | 0 | 2,945 | 82 | 0 | 19,333 | 0 | 0 | 760 | 55 | 4,735 | 306 | 269 |
| KINGS | 2,105 | 1 | 0 | 0 | 0 | 60 | 55 | 0 | 806 | 1 | 0 | 14,138 | 0 | 0 | 501 | 45 | 2,586 | 459 | 2 |
| LAKE | 0 | 0 | 0 | 3 | 0 | 38 | 0 | 0 | 160 | 0 | 0 | 141 | 0 | 0 | 69 | 0 | 23 | 6 | 6 |
| LASSEN | 0 | 0 | 0 | 123 | 0 | 7 | 0 | 0 | 0 | 13 | 0 | 77 | 0 | 0 | 456 | 0 | 4 | 0 | 0 |
| LOS ANGELES | 0 | 123 | 4 | 0 | 0 | 141 | 2 | 0 | 2 | 33 | 0 | 1,027 | 0 | 0 | 246 | 0 | 3,281 | 9 | 2,532 |
| MADERA | 0 | 11 | 0 | 174 | 0 | 142 | 1,202 | 0 | 2,301 | 0 | 15 | 5,450 | 0 | 0 | 49 | 73 | 1,073 | 144 | 7 |
| MARIN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 53 | 0 | 126 |
| MARIPOSA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| MENDOCINO | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 6 | 0 | 13 | 0 | 0 | 12 | 5 | 53 | 35 | 284 |
| MERCED | 155 | 1 | 12 | 163 | 0 | 1,470 | 1,427 | 0 | 2,052 | 56 | 1 | 10,323 | 0 | 0 | 286 | 29 | 2,769 | 74 | 29 |
| MODOC | 0 | 0 | 0 | 53 | 0 | 108 | 52 | 0 | 7 | 0 | 0 | 648 | 0 | 0 | 618 | 1 | 157 | 0 | 0 |
| MONO | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 6 | 0 | 1 |
| MONTEREY | 0 | 0 | 9 | 8,555 | 0 | 985 | 992 | 3 | 6,418 | 259 | 614 | 4,092 | 0 | 0 | 1,411 | 383 | 16,495 | 27 | 193 |
| NAPA | 3 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 80 | 81 | 0 | 6 | 0 | 0 | 1 | 0 | 1,032 | 30 | 9 |
| NEVADA | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 32 |
| ORANGE | 0 | 0 | 4 | 0 | 0 | 70 | 0 | 0 | 115 | 23 | 0 | 2,714 | 0 | 0 | 72 | 0 | 2,719 | 0 | 515 |
| PLACER | 0 | 51 | 0 | 24 | 0 | 94 | 0 | 0 | 2 | 3 | 0 | 9 | 0 | 0 | 12 | 0 | 124 | 0 | 492 |
| PLUMAS | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 0 |
| RIVERSIDE | 81 | 0 | 0 | 2,930 | 0 | 273 | 387 | 0 | 2,288 | 415 | 2 | 5,398 | 0 | 0 | 252 | 0 | 3,344 | 92 | 1,910 |
| SACRAMENTO | 93 | 377 | 3 | 36 | 0 | 292 | 0 | 0 | 233 | 12 | 0 | 983 | 0 | 0 | 213 | 0 | 1,386 | 0 | 794 |
| SAN BENITO | 0 | 0 | 0 | 29 | 0 | 19 | 0 | 0 | 627 | 30 | 0 | 107 | 0 | 0 | 44 | 0 | 942 | 1 | 2 |
| SAN BERNARDINO | 0 | 0 | 0 | 0 | 0 | 61 | 0 | 0 | 6 | 46 | 0 | 45 | 0 | 0 | 210 | 0 | 547 | 7 | 4,247 |
| SAN DIEGO | 0 | 0 | 314 | 111 | 0 | 76 | 0 | 0 | 277 | 190 | 73 | 331 | 0 | 0 | 181 | 0 | 2,248 | 0 | 705 |
| SAN FRANCISCO | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 37 |
| SAN JOAQUIN | 16 | 1 | 0 | 0 | 0 | 652 | 439 | 2 | 1,780 | 201 | 414 | 8,808 | 0 | 0 | 1,167 | 0 | 2,381 | 0 | 474 |
| SAN LUIS OBISPO | 0 | 77 | 0 | 506 | 0 | 351 | 4 | 0 | 396 | 41 | 13 | 538 | 0 | 4 | 39 | 13 | 864 | 9 | 48 |
| SAN MATEO | 0 | 0 | 6 | 0 | 0 | 19 | 0 | 0 | 0 | 27 | 0 | 131 | 0 | 0 | 7 | 0 | 371 | 1 | 86 |
| SANTA BARBARA | 0 | 0 | 0 | 2,288 | 0 | 267 | 952 | 0 | 920 | 260 | 7 | 6,438 | 0 | 0 | 167 | 859 | 4,757 | 17 | 165 |
| SANTA CLARA | 0 | 0 | 0 | 0 | 0 | 14 | 3 | 0 | 2 | 29 | 0 | 30 | 0 | 0 | 65 | 0 | 813 | 66 | 414 |
| SANTA CRUZ | 0 | 0 | 0 | 11 | 0 | 197 | 0 | 0 | 0 | 34 | 0 | 22 | 0 | 0 | 46 | 0 | 1,576 | 0 | 131 |
| SHASTA | 428 | 0 | 7 | 242 | 0 | 181 | 2 | 0 | 24 | 3 | 0 | 93 | 0 | 0 | 1,907 | 0 | 88 | 0 | 62 |
| SIERRA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 |
| SISKIYOU | 0 | 0 | 0 | 0 | 0 | 188 | 133 | 0 | 404 | 0 | 0 | 228 | 0 | 0 | 586 | 0 | 242 | 0 | 73 |
| SOLANO | 742 | 156 | 0 | 0 | 0 | 557 | 0 | 0 | 310 | 1 | 0 | 2,014 | 0 | 0 | 86 | 0 | 496 | 139 | 226 |
| SONOMA | 0 | 51 | 8 | 0 | 0 | 25 | 1 | 3 | 245 | 188 | 0 | 28 | 0 | 0 | 28 | 0 | 748 | 47 | 358 |
| STANISLAUS | 813 | 10 | 0 | 154 | 0 | 2,255 | 62 | 0 | 4,019 | 218 | 0 | 11,591 | 0 | 0 | 1,150 | 0 | 1,694 | 301 | 97 |
| SUTTER | 0 | 2,228 | 0 | 15 | 0 | 3,487 | 11 | 0 | 557 | 706 | 146 | 1,652 | 1 | 0 | 344 | 0 | 134 | 58 | 3 |
| TEHAMA | 0 | 47 | 0 | 0 | 0 | 86 | 5 | 0 | 88 | 2 | 0 | 563 | 0 | 0 | 34 | 0 | 60 | 0 | 8 |
| TRINITY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 9 | 1 |
| TULARE | 506 | 0 | 0 | 7 | 0 | 848 | 435 | 0 | 872 | 635 | 0 | 6,870 | 0 | 0 | 992 | 3 | 5,020 | 72 | 56 |
| TUOLUMNE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| VENTURA | 0 | 0 | 0 | 543 | 0 | 26 | 0 | 0 | 1,680 | 7 | 0 | 255 | 0 | 6 | 71 | 0 | 3,633 | 14 | 1,744 |
| YOLO | 135 | 2,969 | 0 | 0 | 0 | 4,968 | 0 | 0 | 1,537 | 4 | 0 | 2,879 | 0 | 0 | 408 | 0 | 892 | 85 | 82 |
| YUBA | 0 | 309 | 0 | 0 | 0 | 342 | 0 | 0 | 418 | 11 | 24 | 216 | 0 | 0 | 31 | 0 | 93 | 14 | 2 |
| ** UNKNOWN ** | 0 | 82 | 0 | 47 | 0 | 223 | 0 | 0 | 70 | 4 | 0 | 190 | 0 | 0 | 122 | 0 | 3,998 | 0 | 4,104 |
| TOTAL | 7,136 | 11,710 | 448 | 19,070 | 0 | 26,755 | 13,145 | 10 | 40,895 | 4,618 | 3,912 | 172,180 | 157 | 10 | 35,782 | 1,560 | 91,496 | 2,938 | 25,306 |

STATE OF CALIFORNIA - DEPARTMENT OF FOOD AND AGRICULTURE
 TONNAGE REPORT OF COMMERCIAL FERTILIZERS, AGRICULTURAL MINERALS, AND COMPOST
 JULY-DECEMBER 2018
 TONS OF PHOSPHORUS AND POTASSIUM MATERIALS - FARM USE AND NON-FARM USE

| COUNTY | DIAMMONIUM PHOSPHATE | AMMONIUM PHOSPHATE SULFATE | MONOAMMONIUM PHOSPHATE | PHOSPHORIC ACID | LIQUID AMMONIUM POLYPHOSPHATE | NORMAL SUPERPHOSPHATE | TRIPLE SUPERPHOSPHATE | PHOSPHORUS MATERIALS - ALL OTHER | PHOSPHORUS MATERIALS - COMPOST | NON-FARM USE PHOSPHORUS | MURIATE OF POTASH | SULFATE OF POTASH MAGNESIA | POTASSIUM NITRATE | POTASSIUM SULFATE | POTASSIUM MATERIALS - ALL OTHER | POTASSIUM MATERIALS - COMPOST | POTASSIUM MATERIALS - NON-FARM USE POTASH | |
|-----------------|----------------------|----------------------------|------------------------|-----------------|-------------------------------|-----------------------|-----------------------|----------------------------------|--------------------------------|-------------------------|-------------------|----------------------------|-------------------|-------------------|---------------------------------|-------------------------------|---|---|
| ALAMEDA | 0 | 0 | 0 | 0 | 7 | 0 | 2 | 66 | 0 | 32 | 1 | 0 | 0 | 0 | 17 | 0 | 73 | |
| ALPINE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| AMADOR | 0 | 18 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 19 | 0 | 0 | 50 | 17 | 0 | 0 | |
| BUTTE | 0 | 19 | 281 | 0 | 68 | 0 | 0 | 47 | 22 | 536 | 372 | 340 | 13 | 4,083 | 223 | 22 | 525 | |
| CALAVERAS | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 1 | |
| COLUSA | 0 | 533 | 134 | 304 | 498 | 0 | 0 | 322 | 73 | 0 | 32 | 1,252 | 43 | 1,648 | 391 | 74 | 0 | |
| CONTRA COSTA | 0 | 0 | 143 | 3 | 414 | 0 | 0 | 214 | 0 | 109 | 48 | 40 | 9 | 156 | 684 | 0 | 166 | |
| DEL NORTE | 0 | 0 | 0 | 145 | 0 | 0 | 0 | 106 | 0 | 3 | 0 | 0 | 0 | 0 | 74 | 0 | 2 | |
| EL DORADO | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 6 | 0 | 0 | 3 | 28 | 0 | 6 | 6 | |
| FRESNO | 3 | 0 | 1,377 | 1,540 | 3,289 | 0 | 31 | 6,692 | 49 | 20 | 1,046 | 3,641 | 115 | 5,788 | 13,222 | 128 | 164 | |
| GLENN | 0 | 416 | 257 | 0 | 42 | 0 | 0 | 125 | 3 | 4 | 127 | 7 | 3 | 2,653 | 214 | 3 | 12 | |
| HUMBOLDT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 1 | 544 | 0 | 2 | 0 | 7 | 0 | 7 | 334 | |
| IMPERIAL | 0 | 0 | 14,458 | 589 | 4,165 | 0 | 596 | 5,095 | 760 | 1,878 | 86 | 11 | 11 | 1,665 | 427 | 659 | 0 | |
| INYO | 0 | 0 | 80 | 4 | 0 | 0 | 0 | 32 | 0 | 0 | 19 | 0 | 2 | 13 | 12 | 0 | 1 | |
| KERN | 11 | 4 | 1,096 | 900 | 3,328 | 0 | 410 | 3,170 | 310 | 8 | 4,956 | 1,729 | 162 | 2,015 | 7,806 | 305 | 37 | |
| KINGS | 2 | 2,676 | 414 | 1,384 | 2,367 | 0 | 0 | 1,171 | 144 | 3 | 2,090 | 591 | 459 | 127 | 1,604 | 1,618 | 496 | 1 |
| LAKE | 0 | 13 | 1 | 0 | 148 | 0 | 0 | 19 | 3 | 19 | 0 | 0 | 0 | 25 | 38 | 5 | 2 | |
| LASSEN | 0 | 95 | 93 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 44 | 0 | 0 | 15 | 14 | 0 | 0 | |
| LOS ANGELES | 0 | 10 | 178 | 0 | 58 | 0 | 23 | 686 | 5 | 619 | 195 | 788 | 12 | 38 | 603 | 7 | 265 | |
| MADERA | 0 | 0 | 793 | 57 | 1,163 | 0 | 0 | 377 | 50 | 0 | 882 | 327 | 76 | 1,106 | 783 | 27 | 1 | |
| MARIN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 530 | 0 | 0 | 0 | 0 | 0 | 0 | 532 | |
| MARIPOSA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | |
| MENDOCINO | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 75 | 17 | 357 | 47 | 11 | 13 | 99 | 76 | 31 | 284 | |
| MERCED | 0 | 0 | 841 | 5 | 756 | 0 | 2 | 1,553 | 52 | 4,222 | 0 | 1,362 | 168 | 3,354 | 2,610 | 146 | 1 | |
| MODOC | 0 | 619 | 321 | 18 | 16 | 0 | 0 | 0 | 0 | 87 | 0 | 0 | 0 | 138 | 23 | 0 | 0 | |
| MONO | 0 | 0 | 313 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | |
| MONTEREY | 0 | 0 | 540 | 474 | 179 | 0 | 46 | 4,067 | 27 | 660 | 1,044 | 48 | 339 | 3,033 | 5,791 | 182 | 116 | |
| NAPA | 0 | 40 | 13 | 0 | 14 | 0 | 0 | 387 | 14 | 1 | 0 | 4 | 6 | 109 | 1,048 | 26 | 5 | |
| NEVADA | 0 | 0 | 3 | 0 | 3 | 0 | 0 | 121 | 0 | 17 | 0 | 0 | 0 | 8 | 14 | 0 | 8 | |
| ORANGE | 0 | 3 | 0 | 0 | 1 | 0 | 6 | 398 | 0 | 188 | 0 | 53 | 10 | 38 | 358 | 0 | 128 | |
| PLACER | 1 | 4 | 19 | 0 | 0 | 0 | 1 | 61 | 0 | 211 | 52 | 0 | 0 | 18 | 31 | 0 | 261 | |
| PLUMAS | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 1 | 0 | 1 | |
| RIVERSIDE | 0 | 1 | 2,481 | 1,144 | 3,691 | 0 | 8 | 1,125 | 72 | 1,603 | 258 | 205 | 50 | 185 | 1,101 | 166 | 655 | |
| SACRAMENTO | 0 | 173 | 83 | 0 | 9 | 0 | 3 | 386 | 0 | 292 | 164 | 0 | 8 | 101 | 785 | 0 | 116 | |
| SAN BENITO | 0 | 0 | 18 | 0 | 0 | 0 | 0 | 466 | 1 | 2 | 0 | 189 | 0 | 9 | 288 | 3 | 2 | |
| SAN BERNARDINO | 0 | 0 | 14 | 2 | 0 | 4 | 1 | 45 | 4 | 594 | 0 | 1 | 3 | 11 | 27 | 5 | 477 | |
| SAN DIEGO | 0 | 8 | 289 | 177 | 3 | 0 | 16 | 597 | 0 | 240 | 75 | 0 | 269 | 666 | 234 | 0 | 227 | |
| SAN FRANCISCO | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 0 | 1 | 0 | 0 | 21 | |
| SAN JOAQUIN | 0 | 3 | 266 | 23 | 176 | 0 | 22 | 1,199 | 0 | 192 | 1,479 | 416 | 66 | 4,322 | 2,976 | 0 | 163 | |
| SAN LUIS OBISPO | 0 | 30 | 0 | 1 | 49 | 0 | 1 | 252 | 12 | 36 | 7 | 301 | 392 | 15 | 852 | 10 | 27 | |
| SAN MATEO | 0 | 0 | 53 | 0 | 0 | 1 | 0 | 85 | 0 | 1 | 24 | 0 | 17 | 4 | 79 | 2 | 47 | |
| SANTA BARBARA | 0 | 2 | 8 | 13 | 32 | 0 | 11 | 2,399 | 8 | 103 | 23 | 91 | 450 | 880 | 3,107 | 12 | 37 | |
| SANTA CLARA | 0 | 0 | 2 | 0 | 0 | 0 | 3 | 247 | 0 | 25 | 105 | 8 | 1 | 88 | 465 | 53 | 128 | |
| SANTA CRUZ | 0 | 0 | 2 | 0 | 1 | 0 | 1 | 262 | 0 | 67 | 33 | 14 | 4 | 328 | 194 | 180 | 60 | |
| SHASTA | 0 | 187 | 198 | 0 | 0 | 0 | 0 | 12 | 0 | 73 | 133 | 0 | 9 | 105 | 5 | 0 | 106 | |
| SIERRA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| SISKIYOU | 0 | 54 | 394 | 0 | 16 | 0 | 0 | 125 | 0 | 13 | 251 | 0 | 0 | 278 | 63 | 0 | 19 | |
| SOLANO | 0 | 596 | 149 | 0 | 365 | 0 | 0 | 368 | 98 | 625 | 370 | 4 | 1 | 373 | 550 | 105 | 49 | |
| SONOMA | 0 | 3 | 57 | 0 | 60 | 0 | 26 | 638 | 0 | 128 | 0 | 93 | 32 | 347 | 993 | 42 | 131 | |
| STANISLAUS | 0 | 9 | 3,035 | 0 | 932 | 0 | 0 | 1,432 | 131 | 35 | 7,150 | 974 | 353 | 13,611 | 2,552 | 188 | 54 | |
| SUTTER | 0 | 281 | 184 | 0 | 25 | 0 | 0 | 81 | 64 | 3 | 217 | 41 | 46 | 933 | 177 | 64 | 4 | |
| TEHAMA | 0 | 5 | 81 | 0 | 51 | 0 | 0 | 29 | 0 | 5 | 28 | 0 | 7 | 1,927 | 76 | 0 | 4 | |
| TRINITY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 7 | 0 | 0 | 0 | 0 | 8 | 2 | |
| TULARE | 1 | 0 | 156 | 1,061 | 607 | 0 | 0 | 1,032 | 7 | 3,576 | 1,388 | 950 | 57 | 1,053 | 2,423 | 25 | 10 | |
| TUOLUMNE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| VENTURA | 0 | 103 | 145 | 158 | 13 | 0 | 16 | 728 | 19 | 6 | 74 | 35 | 44 | 837 | 628 | 19 | 6 | |
| YOLO | 0 | 268 | 416 | 34 | 101 | 0 | 0 | 214 | 0 | 87 | 380 | 17 | 28 | 1,156 | 839 | 92 | 61 | |
| YUBA | 0 | 36 | 15 | 0 | 0 | 0 | 0 | 48 | 0 | 16 | 0 | 158 | 3 | 36 | 421 | 58 | 16 | |
| ** UNKNOWN ** | 0 | 14 | 51 | 0 | 50 | 0 | 0 | 4,554 | 0 | 801 | 39 | 0 | 0 | 587 | 968 | 0 | 763 | |
| TOTAL | 18 | 6,235 | 29,456 | 8,036 | 22,699 | 1 | 1,229 | 41,187 | 2,169 | 16,354 | 26,170 | 14,095 | 2,849 | 56,227 | 55,576 | 3,104 | 6,118 | |

STATE OF CALIFORNIA - DEPARTMENT OF FOOD AND AGRICULTURE
 TONNAGE REPORT OF COMMERCIAL FERTILIZERS, AGRICULTURAL MINERALS, AND COMPOST
 JULY-DECEMBER 2018
 TONS OF AGRICULTURAL MINERALS AND BULK COMPOST - FARM USE AND NON-FARM USE

| COUNTY | COPPER - ALL MATERIALS | IRON - ALL MATERIALS | GYPSUM - ALL MATERIALS | LIMING MATERIALS - ALL MATERIALS | SEWAGE SLUDGE | SULFUR | SULFURIC ACID | SECONDARY/MICRONUTRIENTS - ALL OTHER | OIM BULK COMPOST - NO NUTRIENTS | NON-FARM USE SECONDARY/MICRONUTRIENTS |
|-----------------|------------------------|----------------------|------------------------|----------------------------------|----------------|---------------|---------------|--------------------------------------|---------------------------------|---------------------------------------|
| ALAMEDA | 0 | 3 | 33 | 7 | 0 | 4 | 0 | 15 | 3,502 | 10 |
| ALPINE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AMADOR | 0 | 0 | 0 | 73 | 0 | 40 | 0 | 0 | 0 | 0 |
| BUTTE | 0 | 0 | 5,376 | 1,921 | 0 | 554 | 16 | 4,013 | 6,815 | 22 |
| CALAVERAS | 0 | 0 | 6 | 129 | 0 | 18 | 0 | 0 | 0 | 1,065 |
| COLUSA | 3 | 1 | 28,788 | 2,759 | 0 | 287 | 380 | 3,020 | 0 | 0 |
| CONTRA COSTA | 0 | 3 | 464 | 123 | 0 | 1,080 | 0 | 232 | 0 | 1 |
| DEL NORTE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| EL DORADO | 0 | 0 | 52 | 1,690 | 0 | 40 | 0 | 9 | 0 | 24 |
| FRESNO | 53 | 81 | 211,250 | 2,067 | 3,090 | 7,286 | 6,627 | 47,048 | 2,738 | 434 |
| GLENN | 0 | 0 | 9,478 | 2,982 | 0 | 1,049 | 0 | 1,604 | 5,600 | 0 |
| HUMBOLDT | 0 | 0 | 8 | 184 | 0 | 0 | 0 | 83 | 0 | 26 |
| IMPERIAL | 0 | 53 | 602 | 73,510 | 97 | 388 | 1,279 | 4,606 | 32,858 | 133 |
| INYO | 0 | 6 | 1 | 1,253 | 0 | 14 | 0 | 7 | 0 | 0 |
| KERN | 187 | 10 | 155,849 | 2,659 | 31,820 | 12,423 | 21,402 | 21,805 | 200 | 737 |
| KINGS | 2 | 604 | 136,106 | 3,448 | 175 | 5,838 | 31,003 | 6,742 | 1,000 | 0 |
| LAKE | 0 | 0 | 870 | 0 | 0 | 0 | 0 | 13 | 2,006 | 1 |
| LASSEN | 0 | 0 | 905 | 241 | 0 | 193 | 0 | 0 | 0 | 0 |
| LOS ANGELES | 0 | 26 | 326 | 101 | 16 | 0 | 477 | 822 | 0 | 237 |
| MADERA | 5 | 4 | 5,143 | 625 | 18,006 | 802 | 214 | 1,461 | 0 | 26 |
| MARIN | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 3 | 500 | 0 |
| MARIPOSA | 0 | 0 | 0 | 0 | 0 | 0 | 2,305 | 0 | 0 | 0 |
| MENDOCINO | 0 | 0 | 25 | 4 | 0 | 0 | 0 | 8 | 0 | 72 |
| MERCED | 2 | 4 | 29,257 | 8,959 | 6,201 | 2,869 | 3,614 | 10,416 | 0 | 0 |
| MODOC | 0 | 0 | 1,603 | 539 | 0 | 360 | 9 | 13 | 644 | 0 |
| MONO | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 |
| MONTEREY | 42 | 78 | 7,886 | 41,669 | 0 | 311 | 131 | 1,186 | 143,432 | 28 |
| NAPA | 0 | 0 | 1,860 | 567 | 0 | 1 | 0 | 44 | 7,496 | 753 |
| NEVADA | 0 | 0 | 0 | 0 | 0 | 69 | 0 | 5 | 0 | 2 |
| ORANGE | 0 | 14 | 195 | 29 | 0 | 10 | 0 | 563 | 6 | 424 |
| PLACER | 0 | 1 | 1,882 | 83 | 0 | 10 | 0 | 19 | 0 | 209 |
| PLUMAS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RIVERSIDE | 0 | 140 | 2,097 | 16 | 19,675 | 7 | 0 | 1,215 | 22,078 | 1,300 |
| SACRAMENTO | 0 | 25 | 539 | 234 | 2,202 | 964 | 0 | 3,289 | 0 | 213 |
| SAN BENITO | 0 | 0 | 4,154 | 121 | 0 | 0 | 13 | 21 | 253 | 0 |
| SAN BERNARDINO | 0 | 99 | 110 | 2,800 | 4,935 | 8 | 0 | 99 | 0 | 651 |
| SAN DIEGO | 2 | 57 | 776 | 45 | 0 | 37 | 0 | 394 | 2,412 | 708 |
| SAN FRANCISCO | 0 | 4 | 3 | 75 | 0 | 0 | 0 | 2 | 0 | 0 |
| SAN JOAQUIN | 0 | 36 | 20,867 | 17,371 | 0 | 7,102 | 330 | 10,423 | 0 | 157 |
| SAN LUIS OBISPO | 3 | 12 | 171 | 3 | 0 | 0 | 0 | 172 | 0 | 0 |
| SAN MATEO | 0 | 10 | 48 | 59 | 0 | 1 | 1 | 31 | 64 | 3 |
| SANTA BARBARA | 8 | 38 | 9,806 | 7,167 | 0 | 1,872 | 41 | 7,040 | 0 | 1 |
| SANTA CLARA | 0 | 7 | 3,194 | 466 | 0 | 18 | 3 | 92 | 0 | 22 |
| SANTA CRUZ | 0 | 28 | 4,834 | 835 | 0 | 337 | 10 | 102 | 0 | 7 |
| SHASTA | 15 | 6 | 1,340 | 8,802 | 0 | 268 | 38 | 6 | 165 | 55 |
| SIERRA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SISKIYOU | 2 | 0 | 980 | 221 | 0 | 850 | 69 | 54 | 1,301 | 0 |
| SOLANO | 0 | 0 | 11,525 | 1,659 | 23,545 | 313 | 0 | 2,317 | 3,500 | 102 |
| SONOMA | 1 | 30 | 3,665 | 7,348 | 0 | 15 | 0 | 149 | 10,206 | 714 |
| STANISLAUS | 10 | 11 | 82,149 | 28,371 | 0 | 10,711 | 615 | 1,317 | 2,718 | 25 |
| SUTTER | 0 | 0 | 4,039 | 408 | 0 | 663 | 0 | 615 | 0 | 0 |
| TEHAMA | 0 | 0 | 2,155 | 1,216 | 0 | 84 | 0 | 20 | 0 | 5 |
| TRINITY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TULARE | 48 | 64 | 44,354 | 3,766 | 0 | 5,535 | 11,868 | 10,896 | 36 | 340 |
| TUOLUMNE | 0 | 0 | 0 | 175 | 0 | 0 | 0 | 0 | 13,815 | 0 |
| VENTURA | 1 | 53 | 761 | 10 | 310 | 95 | 48 | 960 | 8,806 | 9 |
| YOLO | 6 | 0 | 17,888 | 170 | 0 | 405 | 120 | 19,854 | 38,464 | 5 |
| YUBA | 0 | 0 | 2,759 | 771 | 0 | 75 | 0 | 13 | 0 | 16 |
| ** UNKNOWN ** | 0 | 0 | 312 | 51 | 0 | 0 | 0 | 244 | 10 | 572 |
| TOTAL | 390 | 1,508 | 816,493 | 227,783 | 110,072 | 63,012 | 80,613 | 163,063 | 310,625 | 9,109 |

STATE OF CALIFORNIA - DEPARTMENT OF FOOD AND AGRICULTURE
TONNAGE REPORT OF COMMERCIAL FERTILIZERS, AGRICULTURAL MINERALS, AND COMPOST
JULY-DECEMBER 2018
TONS OF NUTRIENTS BY FORM - INCLUDES FARM AND NON-FARM

| COUNTY | ALL NITROGEN | ALL P2O5 | ALL K2O | ALL TOTAL | DRY NITROGEN | DRY P2O5 | DRY K2O | DRY TOTAL | LIQUID NITROGEN | LIQUID P2O5 | LIQUID K2O | LIQUID TOTAL |
|-----------------|----------------|---------------|----------------|----------------|----------------|---------------|---------------|----------------|-----------------|---------------|---------------|----------------|
| ALAMEDA | 3,531 | 101 | 95 | 3,727 | 1,928 | 92 | 67 | 2,087 | 1,603 | 9 | 28 | 1,640 |
| ALPINE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AMADOR | 36 | 14 | 53 | 103 | 24 | 9 | 42 | 75 | 12 | 5 | 11 | 28 |
| BUTTE | 2,208 | 778 | 3,115 | 6,101 | 998 | 317 | 2,298 | 3,613 | 1,210 | 461 | 817 | 2,489 |
| CALAVERAS | 29 | 13 | 5 | 47 | 25 | 10 | 2 | 36 | 4 | 3 | 3 | 10 |
| COLUSA | 3,531 | 905 | 1,603 | 6,038 | 841 | 286 | 1,233 | 2,360 | 2,690 | 618 | 370 | 3,679 |
| CONTRA COSTA | 1,061 | 540 | 970 | 2,570 | 651 | 229 | 623 | 1,503 | 409 | 311 | 347 | 1,068 |
| DEL NORTE | 7 | 187 | 76 | 270 | 5 | 107 | 76 | 188 | 2 | 80 | 0 | 82 |
| EL DORADO | 65 | 21 | 36 | 121 | 55 | 12 | 16 | 82 | 10 | 9 | 20 | 39 |
| FRESNO | 28,965 | 9,504 | 17,918 | 56,387 | 8,603 | 2,308 | 6,818 | 17,729 | 20,362 | 7,197 | 11,100 | 38,658 |
| GLENN | 1,266 | 363 | 1,635 | 3,264 | 576 | 292 | 1,532 | 2,399 | 690 | 71 | 103 | 864 |
| HUMBOLDT | 945 | 584 | 343 | 1,872 | 527 | 368 | 331 | 1,226 | 418 | 216 | 12 | 646 |
| IMPERIAL | 26,692 | 17,231 | 1,993 | 45,916 | 13,339 | 11,415 | 1,682 | 26,436 | 13,353 | 5,816 | 311 | 19,480 |
| INYO | 48 | 76 | 32 | 155 | 40 | 73 | 31 | 144 | 7 | 3 | 1 | 12 |
| KERN | 15,554 | 6,506 | 12,899 | 34,959 | 4,151 | 2,174 | 7,074 | 13,399 | 11,403 | 4,333 | 5,825 | 21,560 |
| KINGS | 10,442 | 5,712 | 3,430 | 19,585 | 1,672 | 905 | 2,322 | 4,899 | 8,770 | 4,807 | 1,108 | 14,685 |
| LAKE | 165 | 80 | 66 | 311 | 64 | 16 | 36 | 116 | 101 | 64 | 30 | 195 |
| LASSEN | 292 | 77 | 48 | 417 | 264 | 69 | 43 | 376 | 28 | 8 | 5 | 41 |
| LOS ANGELES | 6,335 | 1,435 | 1,190 | 8,960 | 4,629 | 1,207 | 782 | 6,618 | 1,705 | 229 | 408 | 2,342 |
| MADERA | 4,906 | 1,626 | 2,179 | 8,710 | 1,949 | 946 | 1,445 | 4,341 | 2,957 | 680 | 733 | 4,370 |
| MARIN | 179 | 533 | 532 | 1,244 | 176 | 533 | 532 | 1,241 | 3 | 0 | 0 | 3 |
| MARIPOSA | 1 | 1 | 1 | 3 | 1 | 0 | 1 | 2 | 0 | 1 | 0 | 1 |
| MENDOCINO | 386 | 449 | 477 | 1,313 | 301 | 404 | 413 | 1,118 | 86 | 45 | 64 | 194 |
| MERCED | 7,878 | 2,427 | 7,403 | 17,708 | 1,857 | 1,193 | 5,549 | 8,598 | 6,021 | 1,234 | 1,854 | 9,109 |
| MODOC | 826 | 306 | 144 | 1,276 | 609 | 291 | 121 | 1,021 | 217 | 15 | 23 | 255 |
| MONO | 43 | 167 | 2 | 212 | 38 | 167 | 1 | 206 | 5 | 0 | 1 | 6 |
| MONTEREY | 22,219 | 5,373 | 8,392 | 35,983 | 9,398 | 2,497 | 5,684 | 17,580 | 12,821 | 2,875 | 2,707 | 18,404 |
| NAPA | 1,112 | 422 | 1,137 | 2,671 | 1,015 | 357 | 926 | 2,298 | 97 | 65 | 211 | 373 |
| NEVADA | 43 | 141 | 26 | 210 | 40 | 133 | 20 | 193 | 3 | 8 | 6 | 17 |
| ORANGE | 4,177 | 590 | 521 | 5,287 | 2,849 | 226 | 153 | 3,228 | 1,328 | 363 | 368 | 2,059 |
| PLACER | 663 | 284 | 332 | 1,279 | 599 | 281 | 323 | 1,203 | 64 | 3 | 9 | 76 |
| PLUMAS | 15 | 3 | 3 | 21 | 15 | 3 | 3 | 21 | 0 | 0 | 0 | 0 |
| RIVERSIDE | 10,224 | 6,360 | 2,433 | 19,017 | 6,424 | 3,980 | 2,168 | 12,572 | 3,799 | 2,381 | 265 | 6,445 |
| SACRAMENTO | 3,026 | 804 | 1,075 | 4,906 | 1,712 | 361 | 433 | 2,506 | 1,314 | 443 | 642 | 2,399 |
| SAN BENITO | 1,122 | 478 | 339 | 1,940 | 314 | 275 | 154 | 743 | 808 | 203 | 185 | 1,197 |
| SAN BERNARDINO | 5,231 | 751 | 565 | 6,547 | 3,572 | 744 | 555 | 4,872 | 1,658 | 6 | 10 | 1,675 |
| SAN DIEGO | 3,468 | 1,093 | 1,061 | 5,622 | 2,987 | 955 | 1,005 | 4,947 | 481 | 138 | 56 | 674 |
| SAN FRANCISCO | 39 | 20 | 23 | 82 | 28 | 18 | 18 | 64 | 11 | 2 | 5 | 18 |
| SAN JOAQUIN | 6,919 | 1,612 | 6,328 | 14,859 | 1,940 | 791 | 4,264 | 6,995 | 4,979 | 821 | 2,064 | 7,864 |
| SAN LUIS OBISPO | 1,448 | 324 | 1,289 | 3,061 | 641 | 162 | 487 | 1,290 | 806 | 161 | 803 | 1,770 |
| SAN MATEO | 521 | 138 | 137 | 797 | 471 | 134 | 126 | 731 | 51 | 4 | 11 | 66 |
| SANTA BARBARA | 8,092 | 2,458 | 3,795 | 14,344 | 1,944 | 323 | 900 | 3,167 | 6,148 | 2,135 | 2,895 | 11,177 |
| SANTA CLARA | 1,342 | 379 | 704 | 2,425 | 1,200 | 358 | 491 | 2,050 | 142 | 21 | 212 | 375 |
| SANTA CRUZ | 1,800 | 384 | 656 | 2,840 | 1,627 | 279 | 634 | 2,540 | 173 | 105 | 22 | 300 |
| SHASTA | 1,554 | 225 | 247 | 2,027 | 1,079 | 156 | 144 | 1,380 | 475 | 69 | 103 | 647 |
| SIERRA | 2 | 0 | 0 | 2 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| SISKIYOU | 835 | 360 | 372 | 1,567 | 605 | 275 | 355 | 1,234 | 230 | 85 | 17 | 333 |
| SOLANO | 3,916 | 1,883 | 1,349 | 7,148 | 855 | 626 | 927 | 2,408 | 3,061 | 1,256 | 423 | 4,740 |
| SONOMA | 1,278 | 852 | 1,374 | 3,503 | 931 | 674 | 909 | 2,514 | 346 | 177 | 465 | 989 |
| STANISLAUS | 8,704 | 3,495 | 14,259 | 26,458 | 2,512 | 2,509 | 12,873 | 17,894 | 6,193 | 986 | 1,386 | 8,564 |
| SUTTER | 2,380 | 308 | 871 | 3,559 | 1,157 | 287 | 759 | 2,204 | 1,223 | 22 | 112 | 1,356 |
| TEHAMA | 323 | 94 | 1,063 | 1,481 | 53 | 48 | 989 | 1,091 | 270 | 46 | 74 | 390 |
| TRINITY | 15 | 11 | 10 | 36 | 10 | 8 | 8 | 26 | 5 | 3 | 2 | 10 |
| TULARE | 8,779 | 5,476 | 4,051 | 18,307 | 2,742 | 313 | 2,065 | 5,119 | 6,037 | 5,163 | 1,987 | 13,187 |
| TUOLUMNE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| VENTURA | 5,967 | 952 | 1,146 | 8,065 | 4,357 | 544 | 670 | 5,571 | 1,610 | 408 | 476 | 2,494 |
| YOLO | 3,911 | 721 | 1,814 | 6,446 | 1,333 | 526 | 1,266 | 3,125 | 2,578 | 195 | 548 | 3,321 |
| YUBA | 418 | 79 | 397 | 894 | 176 | 77 | 396 | 649 | 242 | 2 | 1 | 245 |
| ** UNKNOWN ** | 8,317 | 5,401 | 2,055 | 15,773 | 5,368 | 5,155 | 1,743 | 12,267 | 2,949 | 246 | 312 | 3,507 |
| TOTAL | 233,249 | 91,107 | 114,069 | 438,425 | 101,279 | 46,496 | 74,519 | 222,295 | 131,970 | 44,610 | 39,549 | 216,130 |

STATE OF CALIFORNIA - DEPARTMENT OF FOOD AND AGRICULTURE
 TONNAGE REPORT OF COMMERCIAL FERTILIZERS, AGRICULTURAL MINERALS, AND COMPOST
 JULY-DECEMBER 2018
 TONS OF MATERIALS BY USE

| COUNTY | FARM USE DRY PACKAGED | FARM USE DRY BULK | FARM USE LIQUID | FARM USE TOTAL | AG MIN DRY PACKAGED | AG MIN DRY BULK | AG MIN LIQUID | AG MIN TOTAL | NON-FARM USE DRY | NONFARM USE LIQUID | NON-FARM USE TOTAL | TOTAL ALL |
|-----------------|--------------------------|----------------------|--------------------|-------------------|------------------------|--------------------|------------------|------------------|---------------------|-----------------------|-----------------------|------------------|
| ALAMEDA | 591 | 3,518 | 25 | 4,134 | 57 | 0 | 5 | 62 | 1,584 | 1,639 | 3,223 | 7,357 |
| ALPINE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AMADOR | 45 | 155 | 100 | 300 | 0 | 76 | 37 | 113 | 0 | 0 | 0 | 300 |
| BUTTE | 984 | 24,971 | 3,838 | 29,793 | 98 | 11,613 | 169 | 11,880 | 247 | 1,214 | 1,461 | 31,254 |
| CALAVERAS | 12 | 172 | 29 | 213 | 6 | 129 | 18 | 153 | 1,070 | 1 | 1,071 | 1,284 |
| COLUSA | 2,705 | 37,936 | 11,750 | 52,391 | 2,480 | 31,629 | 1,129 | 35,238 | 0 | 0 | 0 | 52,391 |
| CONTRA COSTA | 485 | 1,876 | 3,032 | 5,393 | 183 | 807 | 912 | 1,902 | 513 | 48 | 561 | 5,954 |
| DEL NORTE | 6 | 181 | 145 | 332 | 1 | 0 | 0 | 1 | 6 | 4 | 10 | 342 |
| EL DORADO | 57 | 1,741 | 93 | 1,891 | 5 | 1,741 | 45 | 1,791 | 66 | 5 | 71 | 1,962 |
| FRESNO | 10,067 | 273,079 | 96,219 | 379,365 | 3,452 | 254,177 | 19,873 | 277,502 | 713 | 139 | 852 | 380,217 |
| GLENN | 349 | 25,456 | 3,071 | 28,876 | 285 | 14,432 | 396 | 15,113 | 19 | 7 | 26 | 28,902 |
| HUMBOLDT | 199 | 212 | 0 | 411 | 112 | 163 | 0 | 275 | 1,149 | 665 | 1,814 | 2,225 |
| IMPERIAL | 2,115 | 151,288 | 49,071 | 202,474 | 486 | 76,190 | 3,859 | 80,535 | 141 | 1,878 | 2,019 | 204,493 |
| INYO | 90 | 1,400 | 34 | 1,524 | 27 | 1,252 | 2 | 1,281 | 2 | 0 | 2 | 1,526 |
| KERN | 8,700 | 226,578 | 67,825 | 303,103 | 4,465 | 215,660 | 26,030 | 246,155 | 1,020 | 31 | 1,051 | 304,154 |
| KINGS | 2,288 | 156,195 | 60,255 | 218,738 | 1,257 | 149,743 | 32,918 | 183,918 | 3 | 2,090 | 2,093 | 220,831 |
| LAKE | 120 | 2,972 | 503 | 3,595 | 35 | 848 | 0 | 883 | 8 | 6 | 14 | 3,609 |
| LASSEN | 28 | 1,099 | 1,163 | 2,290 | 0 | 269 | 1,070 | 1,339 | 0 | 0 | 0 | 2,290 |
| LOS ANGELES | 3,812 | 1,330 | 4,082 | 9,224 | 921 | 352 | 495 | 1,768 | 3,354 | 294 | 3,648 | 12,872 |
| MADERA | 868 | 28,267 | 13,400 | 42,535 | 211 | 24,749 | 1,300 | 26,260 | 31 | 3 | 34 | 42,569 |
| MARIN | 62 | 500 | 2 | 564 | 6 | 0 | 0 | 6 | 1,185 | 3 | 1,188 | 1,752 |
| MARIPOSA | 0 | 2 | 2,306 | 2,308 | 0 | 0 | 2,305 | 2,305 | 0 | 0 | 0 | 2,308 |
| MENDOCINO | 187 | 216 | 134 | 537 | 30 | 1 | 6 | 37 | 861 | 136 | 997 | 1,534 |
| MERCED | 2,667 | 64,380 | 28,164 | 95,211 | 482 | 53,657 | 7,183 | 61,322 | 28 | 2 | 30 | 95,241 |
| MODOC | 3 | 3,799 | 2,232 | 6,034 | 3 | 1,054 | 1,467 | 2,524 | 0 | 0 | 0 | 6,034 |
| MONO | 1 | 331 | 6 | 338 | 0 | 6 | 0 | 6 | 1 | 0 | 1 | 339 |
| MONTEREY | 8,920 | 206,073 | 35,773 | 250,766 | 2,874 | 47,889 | 548 | 51,311 | 370 | 619 | 989 | 251,755 |
| NAPA | 771 | 11,602 | 492 | 12,865 | 54 | 2,379 | 39 | 2,472 | 766 | 2 | 768 | 13,633 |
| NEVADA | 147 | 67 | 36 | 250 | 4 | 43 | 27 | 74 | 49 | 10 | 59 | 309 |
| ORANGE | 2,738 | 737 | 3,926 | 7,401 | 382 | 246 | 183 | 811 | 963 | 292 | 1,255 | 8,656 |
| PLACER | 285 | 2,145 | 71 | 2,501 | 61 | 1,931 | 3 | 1,995 | 1,115 | 58 | 1,173 | 3,674 |
| PLUMAS | 16 | 11 | 2 | 29 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 31 |
| RIVERSIDE | 4,598 | 48,790 | 17,771 | 71,159 | 888 | 21,856 | 406 | 23,150 | 5,259 | 207 | 5,466 | 76,625 |
| SACRAMENTO | 1,587 | 7,685 | 3,401 | 12,673 | 251 | 6,547 | 455 | 7,253 | 620 | 715 | 1,335 | 14,008 |
| SAN BENITO | 735 | 4,589 | 2,011 | 7,335 | 517 | 3,771 | 21 | 4,309 | 4 | 2 | 6 | 7,341 |
| SAN BERNARDINO | 1,036 | 7,930 | 120 | 9,086 | 317 | 7,728 | 6 | 8,051 | 4,332 | 1,637 | 5,969 | 15,055 |
| SAN DIEGO | 6,122 | 2,808 | 1,297 | 10,227 | 1,262 | 22 | 27 | 1,311 | 1,743 | 137 | 1,880 | 12,107 |
| SAN FRANCISCO | 87 | 0 | 2 | 89 | 84 | 0 | 0 | 84 | 62 | 16 | 78 | 167 |
| SAN JOAQUIN | 2,306 | 56,676 | 23,958 | 82,940 | 1,058 | 47,586 | 7,485 | 56,129 | 982 | 24 | 1,006 | 83,946 |
| SAN LUIS OBISPO | 1,491 | 588 | 3,359 | 5,438 | 70 | 146 | 145 | 361 | 108 | 3 | 111 | 5,549 |
| SAN MATEO | 750 | 107 | 161 | 1,018 | 95 | 30 | 25 | 150 | 141 | 19 | 160 | 1,178 |
| SANTA BARBARA | 2,701 | 24,232 | 23,087 | 50,020 | 355 | 22,739 | 2,878 | 25,972 | 221 | 5 | 226 | 50,246 |
| SANTA CLARA | 1,309 | 3,979 | 424 | 5,712 | 607 | 3,130 | 43 | 3,780 | 650 | 19 | 669 | 6,381 |
| SANTA CRUZ | 1,684 | 7,137 | 396 | 9,217 | 229 | 5,846 | 71 | 6,146 | 222 | 8 | 230 | 9,447 |
| SHASTA | 184 | 11,113 | 2,967 | 14,264 | 16 | 8,283 | 2,176 | 10,475 | 29 | 267 | 296 | 14,560 |
| SIERRA | 4 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| SISKIYOU | 32 | 5,391 | 1,018 | 6,441 | 7 | 2,100 | 69 | 2,176 | 104 | 1 | 105 | 6,546 |
| SOLANO | 821 | 21,369 | 28,149 | 50,339 | 790 | 14,580 | 23,989 | 39,359 | 373 | 629 | 1,002 | 51,341 |
| SONOMA | 1,553 | 22,285 | 1,242 | 25,080 | 381 | 10,746 | 81 | 11,208 | 819 | 512 | 1,331 | 26,411 |
| STANISLAUS | 4,221 | 150,468 | 23,847 | 178,536 | 2,380 | 117,809 | 2,995 | 123,184 | 194 | 17 | 211 | 178,747 |
| SUTTER | 645 | 10,431 | 6,101 | 17,177 | 375 | 4,741 | 609 | 5,725 | 7 | 3 | 10 | 17,187 |
| TEHAMA | 76 | 5,560 | 928 | 6,564 | 11 | 3,451 | 13 | 3,475 | 19 | 3 | 22 | 6,586 |
| TRINITY | 0 | 21 | 5 | 26 | 0 | 0 | 0 | 0 | 5 | 5 | 10 | 36 |
| TULARE | 4,633 | 62,978 | 33,976 | 101,587 | 2,827 | 56,637 | 17,067 | 76,531 | 352 | 3,630 | 3,982 | 105,569 |
| TUOLUMNE | 175 | 13,815 | 0 | 13,990 | 175 | 0 | 0 | 175 | 0 | 0 | 0 | 13,990 |
| VENTURA | 3,596 | 11,218 | 5,284 | 20,098 | 971 | 606 | 661 | 2,238 | 1,738 | 27 | 1,765 | 21,863 |
| YOLO | 531 | 83,221 | 8,864 | 92,616 | 350 | 37,590 | 503 | 38,443 | 237 | 8 | 245 | 92,861 |
| YUBA | 116 | 4,758 | 1,009 | 5,883 | 49 | 3,563 | 6 | 3,618 | 19 | 0 | 19 | 5,902 |
| ** UNKNOWN ** | 86 | 10,829 | 711 | 11,626 | 10 | 576 | 21 | 607 | 2,793 | 3,449 | 6,242 | 17,868 |
| TOTAL | 90,397 | 1,806,267 | 577,867 | 2,474,531 | 32,052 | 1,271,119 | 159,771 | 1,462,942 | 36,299 | 20,489 | 56,788 | 2,531,319 |

STATE OF CALIFORNIA - DEPARTMENT OF FOOD AND AGRICULTURE
 TONNAGE REPORT OF COMMERCIAL FERTILIZERS, AGRICULTURAL MINERALS, AND COMPOST
 JANUARY-DECEMBER 2018
 TONS OF NITROGEN MATERIALS - FARM USE AND NON-FARM USE

| COUNTY | ANHYDROUS AMMONIA | AQUA AMMONIA | AMMONIUM NITRATE | AMMONIUM NITRATE SOLUTION | AMMONIUM POLYSULFIDE | AMMONIUM SULFATE | AMMONIUM THIOSULFATE | BLOOD MEAL | CALCIUM AMMONIUM NITRATE SOLUTION | CALCIUM NITRATE | NITROGEN SOLUTION 28% | NITROGEN SOLUTION 32% | SODIUM NITRATE | SULFUR COATED UREA | UREA SOLUTION | NITROGEN MATERIALS - ALL OTHER | NITROGEN MATERIALS - COMPOST | NON-FARM USE NITROGEN | |
|-----------------|-------------------|----------------|------------------|---------------------------|----------------------|------------------|----------------------|------------|-----------------------------------|-----------------|-----------------------|-----------------------|----------------|--------------------|---------------|--------------------------------|------------------------------|-----------------------|---------------|
| ALAMEDA | 0 | 2 | 13 | 0 | 0 | 41 | 73 | 0 | 0 | 37 | 0 | 3,928 | 0 | 33 | 0 | 898 | 0 | 4,004 | |
| ALPINE | 0 | 0 | 0 | 0 | 0 | 23 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 847 | |
| AMADOR | 0 | 0 | 0 | 0 | 0 | 17 | 0 | 0 | 83 | 0 | 0 | 4 | 0 | 0 | 0 | 81 | 0 | 1 | |
| BUTTE | 0 | 44,932 | 0 | 64 | 0 | 21,180 | 1,204 | 0 | 1,235 | 271 | 0 | 9,482 | 0 | 2,337 | 5,030 | 794 | 114 | 900 | |
| CALAVERAS | 0 | 0 | 0 | 4 | 0 | 22 | 16 | 0 | 21 | 0 | 0 | 0 | 104 | 0 | 4 | 0 | 1,359 | 0 | 40 |
| COLUSA | 895 | 38,723 | 0 | 0 | 0 | 4,609 | 811 | 0 | 5,439 | 4 | 109 | 11,314 | 0 | 1,643 | 0 | 1,868 | 243 | 5 | |
| CONTRA COSTA | 0 | 73 | 9 | 20 | 0 | 201 | 516 | 0 | 1,594 | 67 | 0 | 2,795 | 0 | 467 | 0 | 671 | 0 | 569 | |
| DEL NORTE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 51 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 8 | |
| EL DORADO | 0 | 15 | 0 | 2 | 0 | 2 | 0 | 0 | 2 | 9 | 0 | 35 | 0 | 6 | 0 | 217 | 2 | 96 | |
| FRESNO | 761 | 293 | 144 | 254 | 35 | 3,547 | 18,597 | 0 | 17,827 | 2,446 | 272 | 109,669 | 6 | 9,229 | 127 | 48,403 | 425 | 405 | |
| GLENN | 1 | 12,229 | 0 | 0 | 0 | 7,057 | 827 | 0 | 1,503 | 15 | 28 | 8,228 | 0 | 361 | 4 | 418 | 16 | 135 | |
| HUMBOLDT | 0 | 0 | 0 | 1 | 0 | 4 | 0 | 18 | 0 | 129 | 0 | 0 | 0 | 0 | 0 | 162 | 11 | 2,036 | |
| IMPERIAL | 620 | 0 | 59 | 5,413 | 0 | 3,930 | 15 | 0 | 4,403 | 0 | 2,822 | 50,570 | 234 | 8 | 37,748 | 0 | 9,820 | 862 | 10 |
| INYO | 0 | 0 | 0 | 0 | 0 | 39 | 0 | 0 | 37 | 17 | 0 | 84 | 0 | 43 | 0 | 121 | 0 | 2 | |
| KERN | 840 | 1 | 1 | 83 | 0 | 1,161 | 6,609 | 0 | 9,997 | 425 | 0 | 93,575 | 0 | 2,041 | 68 | 13,326 | 440 | 585 | |
| KINGS | 2,455 | 4 | 0 | 0 | 0 | 233 | 1,849 | 0 | 2,449 | 67 | 0 | 37,948 | 0 | 1,269 | 55 | 4,878 | 738 | 2 | |
| LAKE | 0 | 0 | 0 | 3 | 0 | 100 | 0 | 0 | 370 | 7 | 66 | 163 | 0 | 111 | 0 | 60 | 9 | 25 | |
| LASSEN | 0 | 0 | 0 | 304 | 0 | 110 | 0 | 0 | 110 | 0 | 13 | 0 | 0 | 744 | 0 | 26 | 0 | 0 | |
| LOS ANGELES | 0 | 301 | 6 | 1 | 0 | 370 | 31 | 0 | 31 | 47 | 0 | 1,391 | 0 | 592 | 4 | 5,637 | 17 | 5,296 | |
| MADERA | 0 | 34 | 192 | 526 | 0 | 250 | 2,959 | 0 | 12,386 | 4 | 24 | 27,592 | 0 | 256 | 283 | 1,956 | 293 | 15 | |
| MARIN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 70 | 0 | 334 | |
| MARIPOSA | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 1 | |
| MENDOCINO | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 17 | 6 | 0 | 34 | 0 | 23 | 5 | 347 | 77 | 1,053 | |
| MERCED | 237 | 3 | 55 | 976 | 0 | 2,669 | 4,727 | 0 | 8,944 | 235 | 2 | 23,839 | 0 | 1,358 | 37 | 9,918 | 107 | 49 | |
| MODOC | 0 | 0 | 0 | 151 | 0 | 1,035 | 60 | 0 | 12 | 0 | 0 | 871 | 0 | 2,782 | 1 | 579 | 1,894 | 1 | |
| MONO | 0 | 0 | 0 | 0 | 0 | 32 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 48 | 0 | 11 | 0 | 1 | |
| MONTEREY | 0 | 0 | 20 | 17,003 | 404 | 2,562 | 2,394 | 7 | 13,302 | 1,661 | 1,349 | 10,375 | 0 | 4,275 | 691 | 34,463 | 29 | 691 | |
| NAPA | 3 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 122 | 230 | 0 | 6 | 0 | 7 | 0 | 4,320 | 30 | 15 | |
| NEVADA | 0 | 0 | 0 | 0 | 0 | 24 | 0 | 0 | 0 | 20 | 0 | 5 | 0 | 0 | 0 | 37 | 2 | 281 | |
| ORANGE | 0 | 0 | 4 | 2 | 0 | 279 | 1 | 0 | 285 | 66 | 0 | 2,816 | 17 | 0 | 146 | 1 | 5,374 | 0 | 1,250 |
| PLACER | 0 | 1,532 | 11 | 180 | 0 | 165 | 9 | 0 | 83 | 17 | 0 | 39 | 0 | 104 | 0 | 332 | 0 | 1,241 | |
| PLUMAS | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 0 | 9 | |
| RIVERSIDE | 341 | 0 | 0 | 6,606 | 0 | 814 | 1,209 | 0 | 6,363 | 662 | 3 | 13,095 | 0 | 918 | 3 | 9,580 | 244 | 4,215 | |
| SACRAMENTO | 683 | 2,277 | 12 | 46 | 0 | 715 | 63 | 0 | 712 | 395 | 0 | 3,294 | 0 | 1,094 | 0 | 3,160 | 0 | 2,229 | |
| SAN BENITO | 0 | 0 | 0 | 37 | 0 | 30 | 14 | 0 | 1,375 | 47 | 0 | 345 | 0 | 67 | 0 | 2,553 | 3 | 5 | |
| SAN BERNARDINO | 0 | 0 | 5 | 0 | 0 | 179 | 0 | 0 | 32 | 88 | 0 | 102 | 0 | 377 | 0 | 1,221 | 33 | 7,097 | |
| SAN DIEGO | 46 | 0 | 629 | 254 | 0 | 213 | 3 | 0 | 570 | 527 | 180 | 466 | 0 | 267 | 0 | 5,177 | 2 | 1,444 | |
| SAN FRANCISCO | 0 | 330 | 0 | 0 | 0 | 59 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 2 | 0 | 11 | 0 | 312 | |
| SAN JOAQUIN | 72 | 1 | 99 | 98 | 0 | 2,353 | 2,850 | 2 | 9,723 | 721 | 422 | 24,021 | 0 | 3,919 | 22 | 8,743 | 0 | 1,480 | |
| SAN LUIS OBISPO | 0 | 77 | 0 | 956 | 0 | 773 | 78 | 0 | 980 | 70 | 28 | 2,471 | 0 | 10 | 83 | 1,191 | 9 | 119 | |
| SAN MATEO | 0 | 79 | 17 | 0 | 0 | 66 | 7 | 0 | 0 | 80 | 0 | 140 | 0 | 17 | 0 | 1,053 | 8 | 231 | |
| SANTA BARBARA | 0 | 0 | 1 | 3,515 | 0 | 505 | 1,542 | 0 | 2,110 | 479 | 9 | 10,754 | 0 | 198 | 1,947 | 7,507 | 202 | 339 | |
| SANTA CLARA | 0 | 0 | 0 | 43 | 0 | 55 | 31 | 0 | 218 | 62 | 0 | 262 | 0 | 87 | 0 | 1,366 | 201 | 1,115 | |
| SANTA CRUZ | 0 | 0 | 1 | 15 | 0 | 296 | 0 | 1 | 1 | 66 | 0 | 22 | 0 | 118 | 0 | 2,185 | 44 | 488 | |
| SHASTA | 428 | 131 | 9 | 443 | 0 | 869 | 5 | 0 | 27 | 5 | 0 | 151 | 0 | 4,211 | 0 | 207 | 7 | 188 | |
| SIERRA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | |
| SISKIYOU | 0 | 0 | 1 | 0 | 0 | 1,687 | 261 | 0 | 761 | 0 | 0 | 638 | 0 | 3,203 | 1 | 714 | 2,672 | 314 | |
| SOLANO | 1,210 | 626 | 0 | 0 | 0 | 1,601 | 10 | 0 | 968 | 1 | 0 | 2,740 | 1,782 | 0 | 393 | 0 | 511 | 213 | 325 |
| SONOMA | 0 | 51 | 16 | 0 | 0 | 90 | 1 | 9 | 320 | 340 | 0 | 50 | 0 | 71 | 0 | 876 | 74 | 1,817 | |
| STANISLAUS | 1,248 | 10 | 0 | 563 | 0 | 9,936 | 1,118 | 0 | 26,062 | 361 | 4 | 48,551 | 0 | 3,266 | 22 | 5,290 | 704 | 220 | |
| SUTTER | 0 | 28,087 | 0 | 155 | 0 | 7,252 | 1,113 | 0 | 1,938 | 1,153 | 411 | 8,386 | 7 | 1,321 | 0 | 248 | 171 | 39 | |
| TEHAMA | 0 | 59 | 0 | 0 | 0 | 3,674 | 70 | 0 | 430 | 2 | 0 | 1,640 | 0 | 208 | 0 | 151 | 0 | 70 | |
| TRINITY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 16 | |
| TULARE | 1,194 | 3 | 262 | 7 | 0 | 2,789 | 3,148 | 0 | 4,705 | 1,389 | 2 | 23,745 | 0 | 22 | 3,978 | 6 | 14,034 | 862 | 503 |
| TUOLUMNE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 4 | |
| VENTURA | 0 | 0 | 0 | 1,440 | 0 | 46 | 53 | 0 | 4,606 | 52 | 0 | 1,598 | 0 | 14 | 125 | 6 | 6,130 | 20 | 1,896 |
| YOLO | 188 | 9,176 | 0 | 0 | 0 | 8,840 | 643 | 0 | 4,138 | 6 | 0 | 9,986 | 0 | 1,389 | 0 | 2,839 | 133 | 133 | |
| YUBA | 0 | 4,971 | 0 | 554 | 0 | 907 | 0 | 0 | 1,390 | 23 | 261 | 1,123 | 1 | 0 | 646 | 0 | 163 | 79 | 54 |
| ** UNKNOWN ** | 0 | 876 | 0 | 61 | 0 | 566 | 105 | 0 | 345 | 4 | 0 | 1,164 | 0 | 214 | 1 | 7,856 | 0 | 6,010 | |
| TOTAL | 11,222 | 144,896 | 1,567 | 39,781 | 439 | 94,040 | 53,027 | 39 | 147,816 | 12,397 | 5,992 | 549,668 | 2,151 | 54 | 91,811 | 8,436 | 228,947 | 11,117 | 50,451 |

STATE OF CALIFORNIA - DEPARTMENT OF FOOD AND AGRICULTURE
 TONNAGE REPORT OF COMMERCIAL FERTILIZERS, AGRICULTURAL MINERALS, AND COMPOST
 JANUARY-DECEMBER 2018
 TONS OF PHOSPHORUS AND POTASSIUM MATERIALS - FARM USE AND NON-FARM USE

| COUNTY | DIAMMONIUM PHOSPHATE | AMMONIUM PHOSPHATE SULFATE | MONOAMMONIUM PHOSPHATE | PHOSPHORIC ACID | LIQUID AMMONIUM POLYPHOSPHATE | NORMAL SUPERPHOSPHATE | TRIPLE SUPERPHOSPHATE | PHOSPHORUS MATERIALS - ALL OTHER | PHOSPHORUS MATERIALS - COMPOST | NON-FARM USE PHOSPHORUS | MURIATE OF POTASH | SULFATE OF POTASH MAGNESIA | POTASSIUM NITRATE | POTASSIUM SULFATE | POTASSIUM MATERIALS - ALL OTHER | POTASSIUM MATERIALS - COMPOST | NON-FARM USE POTASH |
|-----------------|----------------------|----------------------------|------------------------|-----------------|-------------------------------|-----------------------|-----------------------|----------------------------------|--------------------------------|-------------------------|-------------------|----------------------------|-------------------|-------------------|---------------------------------|-------------------------------|---------------------|
| ALAMEDA | 0 | 39 | 0 | 0 | 9 | 0 | 5 | 197 | 0 | 74 | 10 | 0 | 0 | 8 | 119 | 0 | 155 |
| ALPINE | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AMADOR | 0 | 18 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 1 | 19 | 0 | 0 | 50 | 42 | 0 | 1 |
| BUTTE | 0 | 2,246 | 3,645 | 0 | 3,044 | 0 | 0 | 352 | 123 | 971 | 4,654 | 3,014 | 130 | 11,894 | 1,071 | 126 | 863 |
| CALAVERAS | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 520 | 0 | 5 | 28 | 0 | 0 | 0 | 424 | 0 | 3 |
| COLUSA | 193 | 2,788 | 752 | 311 | 4,821 | 0 | 0 | 1,438 | 259 | 4 | 44 | 1,646 | 143 | 3,372 | 1,906 | 266 | 0 |
| CONTRA COSTA | 0 | 1 | 143 | 6 | 611 | 0 | 3 | 424 | 0 | 264 | 439 | 40 | 14 | 250 | 1,011 | 0 | 427 |
| DEL NORTE | 0 | 0 | 0 | 189 | 0 | 0 | 0 | 106 | 0 | 4 | 0 | 0 | 0 | 0 | 74 | 0 | 3 |
| EL DORADO | 0 | 5 | 3 | 0 | 15 | 0 | 0 | 115 | 0 | 16 | 24 | 0 | 0 | 8 | 46 | 0 | 17 |
| FRESNO | 11 | 510 | 2,707 | 2,902 | 6,258 | 0 | 136 | 17,997 | 189 | 60 | 5,661 | 12,956 | 477 | 9,286 | 37,525 | 352 | 286 |
| GLENN | 0 | 658 | 3,855 | 0 | 201 | 0 | 0 | 471 | 151 | 4 | 169 | 7 | 16 | 8,817 | 752 | 151 | 13 |
| HUMBOLDT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 95 | 46 | 0 | 0 | 0 | 1 | 0 | 41 | 10 | 753 |
| IMPERIAL | 1 | 2 | 17,216 | 2,150 | 7,406 | 0 | 596 | 8,678 | 2,455 | 1,100 | 2,769 | 95 | 109 | 2,500 | 1,399 | 1,003 | 0 |
| INYO | 0 | 3 | 106 | 4 | 0 | 0 | 0 | 42 | 0 | 1 | 19 | 0 | 4 | 15 | 28 | 0 | 2 |
| KERN | 28 | 491 | 2,668 | 1,619 | 9,141 | 0 | 413 | 8,263 | 388 | 278 | 8,061 | 9,146 | 780 | 7,859 | 24,846 | 443 | 167 |
| KINGS | 3 | 2,676 | 520 | 2,617 | 4,197 | 0 | 0 | 1,968 | 408 | 3,574 | 1,881 | 459 | 147 | 3,024 | 3,470 | 531 | 3 |
| LAKE | 0 | 13 | 113 | 0 | 246 | 0 | 0 | 46 | 4 | 46 | 105 | 0 | 0 | 1 | 46 | 0 | 4 |
| LASSEN | 0 | 184 | 312 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 329 | 0 | 0 | 17 | 14 | 0 | 0 |
| LOS ANGELES | 0 | 169 | 248 | 26 | 193 | 0 | 45 | 846 | 9 | 1,153 | 226 | 912 | 15 | 93 | 682 | 14 | 614 |
| MADERA | 0 | 0 | 902 | 322 | 1,819 | 0 | 0 | 747 | 150 | 1 | 1,078 | 327 | 162 | 1,649 | 2,935 | 186 | 2 |
| MARIN | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 61 | 537 | 0 | 0 | 0 | 0 | 0 | 2 | 61 | 543 |
| MARIPOSA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 1 | 0 |
| MENDOCINO | 0 | 0 | 24 | 0 | 14 | 0 | 1 | 236 | 37 | 516 | 47 | 22 | 13 | 228 | 228 | 88 | 490 |
| MERCED | 0 | 1 | 1,987 | 13 | 2,988 | 0 | 2 | 4,458 | 84 | 2 | 5,137 | 1,866 | 282 | 5,809 | 7,945 | 205 | 7 |
| MODOC | 0 | 1,972 | 948 | 18 | 24 | 0 | 0 | 37 | 0 | 0 | 431 | 0 | 0 | 561 | 113 | 0 | 0 |
| MONO | 0 | 48 | 329 | 0 | 4 | 0 | 0 | 0 | 0 | 25 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| MONTEREY | 0 | 573 | 813 | 2,075 | 315 | 0 | 89 | 9,421 | 29 | 905 | 1,183 | 1,235 | 459 | 5,218 | 11,986 | 186 | 232 |
| NAPA | 0 | 77 | 52 | 0 | 23 | 0 | 30 | 1,803 | 14 | 4 | 0 | 4 | 10 | 208 | 3,184 | 26 | 9 |
| NEVADA | 0 | 0 | 4 | 0 | 3 | 0 | 0 | 148 | 1 | 32 | 0 | 3 | 0 | 9 | 56 | 1 | 19 |
| ORANGE | 0 | 25 | 6 | 0 | 1 | 0 | 37 | 850 | 2 | 355 | 189 | 62 | 29 | 92 | 499 | 1 | 241 |
| PLACER | 1 | 84 | 123 | 0 | 0 | 0 | 1 | 89 | 0 | 176 | 0 | 0 | 0 | 79 | 74 | 0 | 370 |
| PLUMAS | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 1 | 0 | 4 |
| RIVERSIDE | 0 | 5 | 5,373 | 2,228 | 7,141 | 0 | 93 | 2,435 | 194 | 2,359 | 1,118 | 242 | 172 | 730 | 1,677 | 522 | 1,001 |
| SACRAMENTO | 0 | 344 | 170 | 0 | 350 | 0 | 46 | 1,432 | 0 | 458 | 265 | 147 | 9 | 394 | 3,120 | 0 | 296 |
| SAN BENITO | 0 | 0 | 18 | 10 | 34 | 0 | 0 | 1,200 | 4 | 3 | 285 | 189 | 0 | 33 | 489 | 7 | 3 |
| SAN BERNARDINO | 0 | 3 | 99 | 15 | 35 | 0 | 5 | 85 | 19 | 1,020 | 0 | 2 | 13 | 15 | 59 | 28 | 907 |
| SAN DIEGO | 0 | 15 | 536 | 283 | 3 | 28 | 59 | 413 | 83 | 565 | 1,809 | 565 | 450 | 1,809 | 406 | 4 | 397 |
| SAN FRANCISCO | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 106 | 0 | 0 | 0 | 2 | 2 | 0 | 32 |
| SAN JOAQUIN | 0 | 4 | 579 | 49 | 645 | 0 | 22 | 3,252 | 15 | 587 | 2,185 | 728 | 90 | 7,253 | 7,949 | 0 | 686 |
| SAN LUIS OBISPO | 0 | 88 | 6 | 1 | 122 | 0 | 1 | 341 | 12 | 64 | 72 | 879 | 700 | 792 | 1,340 | 10 | 95 |
| SAN MATEO | 0 | 0 | 53 | 1 | 0 | 2 | 1 | 212 | 0 | 56 | 15 | 2 | 40 | 9 | 218 | 13 | 88 |
| SANTA BARBARA | 0 | 6 | 72 | 21 | 120 | 0 | 12 | 5,079 | 13 | 44 | 93 | 722 | 125 | 1,422 | 5,253 | 13 | 64 |
| SANTA CLARA | 0 | 0 | 2 | 3 | 0 | 0 | 4 | 517 | 78 | 237 | 9 | 2 | 17 | 146 | 637 | 160 | 339 |
| SANTA CRUZ | 0 | 0 | 6 | 2 | 12 | 0 | 2 | 425 | 0 | 103 | 46 | 4 | 140 | 458 | 593 | 249 | 68 |
| SHASTA | 0 | 412 | 773 | 0 | 3 | 0 | 0 | 33 | 8 | 89 | 490 | 0 | 9 | 165 | 22 | 8 | 133 |
| SIERRA | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SISKIYOU | 0 | 1,094 | 1,237 | 0 | 81 | 0 | 0 | 371 | 0 | 56 | 1,168 | 0 | 2 | 956 | 182 | 0 | 96 |
| SOLANO | 0 | 768 | 3,501 | 46 | 438 | 0 | 0 | 4,082 | 138 | 2,577 | 397 | 4 | 1 | 374 | 553 | 150 | 175 |
| SONOMA | 0 | 3 | 58 | 0 | 196 | 1 | 34 | 806 | 36 | 156 | 1 | 105 | 46 | 435 | 1,141 | 67 | 174 |
| STANISLAUS | 0 | 101 | 5,154 | 25 | 2,559 | 0 | 0 | 4,585 | 310 | 75 | 9,713 | 1,856 | 526 | 20,735 | 8,404 | 417 | 120 |
| SUTTER | 0 | 1,184 | 644 | 0 | 927 | 0 | 1 | 160 | 190 | 11 | 449 | 77 | 153 | 3,762 | 301 | 190 | 7 |
| TEHAMA | 0 | 14 | 1,901 | 0 | 70 | 0 | 0 | 95 | 0 | 16 | 135 | 0 | 31 | 3,969 | 183 | 0 | 19 |
| TRINITY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 17 | 0 | 0 | 0 | 0 | 8 | 0 | 7 |
| TULARE | 188 | 0 | 752 | 1,873 | 1,300 | 0 | 1 | 2,810 | 57 | 6,461 | 2,664 | 2,063 | 326 | 3,408 | 5,648 | 270 | 35 |
| TUOLUMNE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| VENTURA | 0 | 331 | 348 | 368 | 26 | 0 | 29 | 1,702 | 36 | 28 | 257 | 46 | 93 | 1,682 | 1,292 | 52 | 431 |
| YOLO | 0 | 389 | 757 | 82 | 1,532 | 0 | 8 | 555 | 131 | 120 | 657 | 50 | 57 | 2,544 | 1,730 | 142 | 85 |
| YUBA | 0 | 184 | 330 | 0 | 271 | 0 | 0 | 61 | 56 | 4 | 829 | 6 | 88 | 635 | 76 | 71 | 6 |
| ** UNKNOWN ** | 0 | 22 | 148 | 0 | 4,051 | 0 | 10 | 7,916 | 0 | 1,701 | 195 | 0 | 1 | 599 | 1,821 | 0 | 1,781 |
| TOTAL | 425 | 17,570 | 60,001 | 17,259 | 60,330 | 31 | 1,702 | 97,770 | 4,474 | 29,459 | 51,171 | 39,491 | 5,912 | 113,737 | 143,620 | 6,019 | 12,275 |

STATE OF CALIFORNIA - DEPARTMENT OF FOOD AND AGRICULTURE
 TONNAGE REPORT OF COMMERCIAL FERTILIZERS, AGRICULTURAL MINERALS, AND COMPOST
 JANUARY-DECEMBER 2018
 TONS OF AGRICULTURAL MINERALS AND BULK COMPOST - FARM USE AND NON-FARM USE

| COUNTY | COPPER - ALL MATERIALS | IRON - ALL MATERIALS | GYPSUM - ALL MATERIALS | LIMING MATERIALS - ALL MATERIALS | SEWAGE SLUDGE | SULFUR | SULFURIC ACID | SECONDARY/MICRONUTRIENTS - ALL OTHER | OIM BULK COMPOST - NO NUTRIENTS | NON-FARM USE SECONDARY/MICRONUTRIENTS |
|-----------------|------------------------|----------------------|------------------------|----------------------------------|----------------|----------------|----------------|--------------------------------------|---------------------------------|---------------------------------------|
| ALAMEDA | 0 | 17 | 123 | 8 | 0 | 16 | 0 | 1,574 | 3,573 | 3,010 |
| ALPINE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AMADOR | 0 | 0 | 0 | 780 | 0 | 72 | 0 | 11 | 0 | 0 |
| BUTTE | 8 | 1 | 8,489 | 2,175 | 0 | 1,375 | 99 | 7,196 | 6,997 | 47 |
| CALAVERAS | 0 | 0 | 93 | 182 | 0 | 76 | 0 | 40 | 909 | 1,065 |
| COLUSA | 8 | 3 | 40,784 | 3,141 | 0 | 518 | 1,261 | 10,720 | 44 | 0 |
| CONTRA COSTA | 0 | 9 | 584 | 127 | 0 | 1,754 | 0 | 516 | 1 | 1 |
| DEL NORTE | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 6 | 0 | 0 |
| EL DORADO | 0 | 2 | 52 | 2,377 | 0 | 67 | 0 | 46 | 64 | 24 |
| FRESNO | 205 | 225 | 300,143 | 4,417 | 3,624 | 12,405 | 9,384 | 92,435 | 3,111 | 5,953 |
| GLENN | 2 | 0 | 13,509 | 3,960 | 0 | 2,753 | 9 | 2,923 | 5,600 | 0 |
| HUMBOLDT | 0 | 0 | 66 | 379 | 0 | 1 | 0 | 211 | 106 | 26 |
| IMPERIAL | 1 | 77 | 1,284 | 85,986 | 191 | 1,606 | 2,628 | 7,705 | 33,116 | 1,289 |
| INYO | 0 | 13 | 2 | 1,274 | 0 | 18 | 1 | 20 | 0 | 0 |
| KERN | 363 | 90 | 375,844 | 7,529 | 68,055 | 31,252 | 40,757 | 83,216 | 5,858 | 17,185 |
| KINGS | 9 | 981 | 228,240 | 9,504 | 175 | 10,252 | 67,361 | 13,966 | 1,406 | 0 |
| LAKE | 0 | 0 | 967 | 1 | 0 | 7 | 0 | 157 | 2,006 | 1,426 |
| LASSEN | 1 | 0 | 1,055 | 241 | 0 | 266 | 0 | 3 | 0 | 0 |
| LOS ANGELES | 1 | 547 | 653 | 166 | 93 | 10 | 1,046 | 1,922 | 216 | 237 |
| MADERA | 11 | 8 | 8,152 | 2,423 | 30,695 | 2,023 | 3,043 | 8,989 | 29 | 198 |
| MARIN | 0 | 2 | 78 | 2 | 0 | 0 | 0 | 33 | 622 | 550 |
| MARIPOSA | 0 | 0 | 0 | 0 | 0 | 0 | 2,305 | 0 | 0 | 0 |
| MENDOCINO | 0 | 0 | 308 | 26 | 0 | 0 | 0 | 270 | 29 | 72 |
| MERCED | 9 | 9 | 48,597 | 12,671 | 6,425 | 7,662 | 8,783 | 23,198 | 1 | 0 |
| MODOC | 3 | 0 | 2,124 | 539 | 0 | 993 | 9 | 193 | 644 | 0 |
| MONO | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 1 | 3 | 0 |
| MONTEREY | 51 | 90 | 9,960 | 56,027 | 0 | 555 | 625 | 3,556 | 143,452 | 60,402 |
| NAPA | 0 | 0 | 7,801 | 1,093 | 0 | 17 | 0 | 6,113 | 7,496 | 14,518 |
| NEVADA | 0 | 1 | 4 | 3 | 0 | 74 | 0 | 40 | 16 | 2 |
| ORANGE | 0 | 101 | 352 | 50 | 67 | 66 | 0 | 1,421 | 54 | 429 |
| PLACER | 0 | 2 | 2,060 | 108 | 0 | 21 | 0 | 111 | 17 | 209 |
| PLUMAS | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 |
| RIVERSIDE | 1 | 246 | 3,015 | 365 | 40,795 | 196 | 59 | 3,008 | 22,509 | 28,890 |
| SACRAMENTO | 0 | 44 | 1,059 | 342 | 4,080 | 1,315 | 1,224 | 13,156 | 1,359 | 213 |
| SAN BENITO | 0 | 0 | 5,381 | 242 | 0 | 22 | 53 | 209 | 253 | 12 |
| SAN BERNARDINO | 0 | 219 | 258 | 2,808 | 8,390 | 36 | 0 | 285 | 274 | 651 |
| SAN DIEGO | 6 | 170 | 1,806 | 140 | 50 | 81 | 0 | 1,245 | 2,461 | 5,494 |
| SAN FRANCISCO | 1 | 6 | 16 | 78 | 0 | 0 | 0 | 51 | 1 | 0 |
| SAN JOAQUIN | 3 | 75 | 47,146 | 26,938 | 0 | 13,847 | 1,049 | 23,010 | 34 | 157 |
| SAN LUIS OBISPO | 8 | 24 | 657 | 34 | 0 | 18 | 2 | 1,168 | 8 | 145 |
| SAN MATEO | 0 | 22 | 182 | 228 | 0 | 13 | 2 | 196 | 67 | 3 |
| SANTA BARBARA | 10 | 77 | 17,774 | 16,278 | 0 | 2,559 | 88 | 11,288 | 310 | 1 |
| SANTA CLARA | 0 | 96 | 3,507 | 533 | 0 | 23 | 22 | 419 | 11 | 22 |
| SANTA CRUZ | 1 | 31 | 5,506 | 2,668 | 0 | 337 | 28 | 202 | 15 | 31 |
| SHASTA | 46 | 15 | 2,075 | 9,958 | 0 | 312 | 75 | 208 | 193 | 125 |
| SIERRA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SISKIYOU | 8 | 150 | 1,850 | 476 | 0 | 2,896 | 182 | 267 | 1,308 | 0 |
| SOLANO | 0 | 0 | 11,562 | 2,642 | 44,823 | 478 | 0 | 2,543 | 3,701 | 3,102 |
| SONOMA | 1 | 53 | 7,102 | 9,036 | 0 | 38 | 0 | 328 | 10,365 | 12,136 |
| STANISLAUS | 40 | 40 | 122,740 | 30,642 | 0 | 22,226 | 1,592 | 7,725 | 2,933 | 25 |
| SUTTER | 8 | 0 | 8,328 | 489 | 0 | 1,470 | 15 | 3,621 | 7 | 0 |
| TEHAMA | 5 | 0 | 3,430 | 1,370 | 0 | 417 | 4 | 1,186 | 0 | 5 |
| TRINITY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TULARE | 88 | 155 | 79,603 | 8,153 | 50 | 10,306 | 20,263 | 29,298 | 297 | 1,372 |
| TUOLUMNE | 0 | 0 | 0 | 27,780 | 0 | 2 | 0 | 0 | 13,815 | 1,135 |
| VENTURA | 2 | 84 | 19,658 | 22 | 614 | 291 | 81 | 2,411 | 8,825 | 370 |
| YOLO | 6 | 0 | 29,532 | 174 | 0 | 885 | 196 | 24,040 | 38,491 | 26,761 |
| YUBA | 1 | 0 | 3,351 | 872 | 0 | 155 | 0 | 250 | 4 | 16 |
| ** UNKNOWN ** | 0 | 6 | 865 | 51 | 0 | 0 | 0 | 785 | 804 | 572 |
| TOTAL | 907 | 3,693 | 1,427,727 | 337,509 | 208,127 | 131,788 | 162,246 | 393,495 | 323,415 | 187,881 |

STATE OF CALIFORNIA - DEPARTMENT OF FOOD AND AGRICULTURE
TONNAGE REPORT OF COMMERCIAL FERTILIZERS, AGRICULTURAL MINERALS, AND COMPOST
JANUARY-DECEMBER 2018
TONS OF MATERIALS BY USE

| COUNTY | FARM USE DRY PACKAGED | FARM USE DRY BULK | FARM USE LIQUID | FARM USE TOTAL | AG MIN DRY PACKAGED | AG MIN DRY BULK | AG MIN LIQUID | AG MIN TOTAL | NON-FARM USE DRY | NONFARM USE LIQUID | NON-FARM USE TOTAL | TOTAL ALL |
|-----------------|--------------------------|----------------------|--------------------|-------------------|------------------------|--------------------|------------------|------------------|---------------------|-----------------------|-----------------------|------------------|
| ALAMEDA | 1,263 | 6,844 | 5,536 | 13,643 | 149 | 169 | 1,420 | 1,738 | 2,079 | 2,235 | 4,314 | 17,957 |
| ALPINE | 0 | 43 | 0 | 43 | 0 | 0 | 0 | 0 | 703 | 144 | 847 | 890 |
| AMADOR | 71 | 953 | 188 | 1,212 | 5 | 791 | 67 | 863 | 3 | 0 | 3 | 1,215 |
| BUTTE | 2,131 | 70,274 | 70,722 | 143,127 | 585 | 16,609 | 2,149 | 19,343 | 726 | 2,212 | 2,938 | 146,065 |
| CALAVERAS | 316 | 886 | 1,692 | 2,894 | 12 | 285 | 94 | 391 | 1,993 | 29 | 2,022 | 4,916 |
| COLUSA | 7,418 | 59,518 | 73,096 | 140,032 | 5,167 | 44,936 | 6,332 | 56,435 | 4 | 49 | 53 | 140,085 |
| CONTRA COSTA | 950 | 3,289 | 8,106 | 12,345 | 322 | 1,183 | 1,485 | 2,990 | 1,126 | 136 | 1,262 | 13,607 |
| DEL NORTE | 59 | 181 | 189 | 429 | 8 | 0 | 0 | 8 | 11 | 4 | 15 | 444 |
| EL DORADO | 451 | 2,435 | 159 | 3,045 | 41 | 2,423 | 80 | 2,544 | 186 | 31 | 217 | 3,262 |
| FRESNO | 26,886 | 400,076 | 313,135 | 740,097 | 9,921 | 360,009 | 52,908 | 422,838 | 1,305 | 253 | 1,558 | 741,655 |
| GLENN | 904 | 48,684 | 25,225 | 74,813 | 639 | 21,396 | 1,121 | 23,156 | 23 | 7 | 30 | 74,843 |
| HUMBOLDT | 465 | 711 | 10 | 1,186 | 249 | 399 | 9 | 657 | 2,926 | 956 | 3,882 | 5,068 |
| IMPERIAL | 4,027 | 191,634 | 96,836 | 292,497 | 1,421 | 88,980 | 9,077 | 99,478 | 401 | 2,769 | 3,170 | 295,667 |
| INYO | 329 | 1,442 | 119 | 1,890 | 70 | 1,252 | 6 | 1,328 | 5 | 0 | 5 | 1,895 |
| KERN | 26,425 | 555,202 | 244,760 | 826,387 | 15,384 | 507,209 | 84,513 | 607,106 | 7,163 | 262 | 7,425 | 833,812 |
| KINGS | 3,466 | 264,922 | 136,946 | 405,334 | 1,916 | 254,729 | 73,843 | 330,488 | 407 | 3,578 | 3,985 | 409,319 |
| LAKE | 429 | 4,639 | 1,018 | 6,086 | 93 | 1,020 | 19 | 1,132 | 31 | 7 | 38 | 6,124 |
| LASSEN | 32 | 2,382 | 1,352 | 3,766 | 4 | 363 | 1,199 | 1,566 | 0 | 0 | 0 | 3,766 |
| LOS ANGELES | 8,163 | 2,179 | 6,007 | 16,349 | 2,083 | 638 | 1,717 | 4,438 | 6,098 | 1,413 | 7,511 | 23,860 |
| MADERA | 1,722 | 48,443 | 62,383 | 112,548 | 659 | 43,541 | 11,144 | 55,344 | 70 | 3 | 73 | 112,621 |
| MARIN | 108 | 1,365 | 22 | 1,495 | 28 | 194 | 14 | 236 | 1,346 | 69 | 1,415 | 2,910 |
| MARIPOSA | 0 | 6 | 2,316 | 2,322 | 0 | 0 | 2,305 | 2,305 | 0 | 1 | 1 | 2,323 |
| MENDOCINO | 890 | 752 | 386 | 2,028 | 171 | 340 | 93 | 604 | 1,788 | 372 | 2,160 | 4,188 |
| MERCED | 7,495 | 97,745 | 85,098 | 190,338 | 2,773 | 79,232 | 25,349 | 107,354 | 48 | 11 | 59 | 190,397 |
| MODOC | 34 | 13,021 | 2,939 | 15,994 | 30 | 1,844 | 1,987 | 3,861 | 1 | 0 | 1 | 15,995 |
| MONO | 7 | 492 | 7 | 506 | 1 | 6 | 0 | 7 | 4 | 0 | 4 | 510 |
| MONTEREY | 13,958 | 293,275 | 89,582 | 396,815 | 3,689 | 64,623 | 2,560 | 70,872 | 991 | 877 | 1,868 | 398,683 |
| NAPA | 1,979 | 40,569 | 3,950 | 46,498 | 257 | 14,390 | 377 | 15,024 | 776 | 5 | 781 | 47,279 |
| NEVADA | 224 | 101 | 110 | 435 | 19 | 64 | 39 | 122 | 301 | 49 | 350 | 785 |
| ORANGE | 6,051 | 1,495 | 5,306 | 12,852 | 970 | 700 | 387 | 2,057 | 1,518 | 800 | 2,318 | 15,170 |
| PLACER | 691 | 2,919 | 1,791 | 5,401 | 189 | 2,088 | 25 | 2,302 | 1,938 | 150 | 2,088 | 7,489 |
| PLUMAS | 31 | 11 | 3 | 45 | 5 | 0 | 0 | 5 | 16 | 0 | 16 | 61 |
| RIVERSIDE | 10,582 | 104,066 | 44,495 | 159,143 | 2,004 | 44,255 | 1,426 | 47,685 | 8,540 | 764 | 9,304 | 168,447 |
| SACRAMENTO | 3,594 | 21,723 | 14,711 | 40,028 | 717 | 18,230 | 2,273 | 21,220 | 2,661 | 1,814 | 4,475 | 44,503 |
| SAN BENITO | 1,575 | 6,097 | 5,240 | 12,912 | 1,167 | 4,561 | 179 | 5,907 | 9 | 2 | 11 | 12,923 |
| SAN BERNARDINO | 2,419 | 11,633 | 359 | 14,411 | 663 | 11,267 | 66 | 11,996 | 7,489 | 2,460 | 9,949 | 24,360 |
| SAN DIEGO | 13,489 | 8,274 | 2,339 | 24,102 | 3,153 | 232 | 113 | 3,498 | 2,787 | 224 | 3,011 | 27,113 |
| SAN FRANCISCO | 108 | 117 | 348 | 573 | 91 | 58 | 3 | 152 | 237 | 214 | 451 | 1,024 |
| SAN JOAQUIN | 4,316 | 108,778 | 74,788 | 187,882 | 1,890 | 86,808 | 23,370 | 112,068 | 2,878 | 69 | 2,947 | 190,829 |
| SAN LUIS OBISPO | 3,109 | 1,574 | 8,585 | 13,268 | 325 | 635 | 951 | 1,911 | 274 | 12 | 286 | 13,554 |
| SAN MATEO | 2,029 | 426 | 292 | 2,747 | 333 | 266 | 44 | 643 | 244 | 137 | 381 | 3,128 |
| SANTA BARBARA | 4,761 | 45,362 | 39,871 | 89,994 | 1,212 | 42,929 | 4,133 | 48,274 | 429 | 129 | 558 | 90,552 |
| SANTA CLARA | 2,144 | 5,012 | 1,644 | 8,800 | 994 | 3,318 | 288 | 4,600 | 1,661 | 63 | 1,724 | 10,524 |
| SANTA CRUZ | 2,691 | 9,909 | 658 | 13,258 | 470 | 8,142 | 161 | 8,773 | 556 | 65 | 621 | 13,879 |
| SHASTA | 496 | 17,500 | 3,364 | 21,360 | 116 | 10,221 | 2,352 | 12,689 | 159 | 334 | 493 | 21,853 |
| SIERRA | 4 | 4 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| SISKIYOU | 110 | 19,979 | 2,010 | 22,099 | 85 | 5,503 | 241 | 5,829 | 466 | 7 | 473 | 22,572 |
| SOLANO | 1,094 | 31,961 | 56,000 | 89,055 | 1,038 | 16,574 | 44,436 | 62,048 | 858 | 2,522 | 3,380 | 92,435 |
| SONOMA | 2,491 | 38,763 | 1,759 | 43,013 | 670 | 15,696 | 192 | 16,558 | 1,408 | 1,612 | 3,020 | 46,033 |
| STANISLAUS | 10,001 | 219,170 | 110,072 | 339,243 | 5,447 | 162,417 | 17,141 | 185,005 | 590 | 65 | 655 | 339,898 |
| SUTTER | 1,639 | 23,563 | 47,039 | 72,241 | 740 | 9,729 | 3,462 | 13,931 | 52 | 12 | 64 | 72,305 |
| TEHAMA | 224 | 16,034 | 2,786 | 19,044 | 29 | 6,225 | 158 | 6,412 | 107 | 3 | 110 | 19,154 |
| TRINITY | 5 | 21 | 5 | 31 | 0 | 0 | 0 | 0 | 28 | 12 | 40 | 71 |
| TULARE | 12,149 | 119,856 | 94,485 | 226,490 | 6,143 | 103,742 | 38,031 | 147,916 | 880 | 6,720 | 7,600 | 234,090 |
| TUOLUMNE | 27,362 | 15,369 | 2 | 42,733 | 27,361 | 419 | 2 | 27,782 | 5 | 3 | 8 | 42,741 |
| VENTURA | 6,700 | 31,607 | 14,375 | 52,682 | 2,261 | 18,943 | 1,959 | 23,163 | 2,254 | 129 | 2,383 | 55,065 |
| YOLO | 1,567 | 134,044 | 30,414 | 166,025 | 1,081 | 51,956 | 1,796 | 54,833 | 337 | 33 | 370 | 166,395 |
| YUBA | 400 | 8,434 | 8,720 | 17,554 | 171 | 4,290 | 168 | 4,629 | 63 | 21 | 84 | 17,638 |
| ** UNKNOWN ** | 1,432 | 16,176 | 9,464 | 27,072 | 19 | 1,510 | 178 | 1,707 | 6,486 | 4,372 | 10,858 | 37,930 |
| TOTAL | 233,466 | 3,131,940 | 1,812,814 | 5,178,220 | 105,040 | 2,137,339 | 423,442 | 2,665,821 | 75,445 | 38,220 | 113,665 | 5,291,885 |

STATE OF CALIFORNIA - DEPARTMENT OF FOOD AND AGRICULTURE
TONNAGE REPORT OF COMMERCIAL FERTILIZERS, AGRICULTURAL MINERALS, AND COMPOST
JANUARY-DECEMBER 2018
TONS OF NUTRIENTS BY FORM - INCLUDES FARM AND NON-FARM

| COUNTY | ALL NITROGEN | ALL P2O5 | ALL K2O | ALL TOTAL | DRY NITROGEN | DRY P2O5 | DRY K2O | DRY TOTAL | LIQUID NITROGEN | LIQUID P2O5 | LIQUID K2O | LIQUID TOTAL |
|-----------------|----------------|----------------|----------------|------------------|----------------|---------------|----------------|----------------|-----------------|----------------|----------------|----------------|
| ALAMEDA | 6,209 | 274 | 284 | 6,768 | 2,751 | 239 | 202 | 3,192 | 3,458 | 35 | 82 | 3,576 |
| ALPINE | 854 | 3 | 7 | 863 | 710 | 3 | 7 | 719 | 144 | 0 | 0 | 144 |
| AMADOR | 106 | 36 | 79 | 221 | 82 | 27 | 62 | 171 | 23 | 9 | 17 | 49 |
| BUTTE | 21,849 | 4,826 | 11,520 | 38,194 | 7,429 | 2,971 | 9,023 | 19,423 | 14,420 | 1,855 | 2,496 | 18,771 |
| CALAVERAS | 1,429 | 526 | 444 | 2,398 | 276 | 316 | 311 | 903 | 1,152 | 210 | 133 | 1,495 |
| COLUSA | 18,057 | 4,546 | 4,309 | 26,912 | 2,996 | 1,598 | 2,612 | 7,206 | 15,062 | 2,947 | 1,697 | 19,706 |
| CONTRA COSTA | 2,835 | 975 | 1,841 | 5,651 | 1,307 | 488 | 1,238 | 3,032 | 1,528 | 487 | 604 | 2,619 |
| DEL NORTE | 17 | 212 | 77 | 306 | 15 | 108 | 77 | 200 | 2 | 104 | 0 | 106 |
| EL DORADO | 333 | 140 | 80 | 554 | 291 | 117 | 54 | 462 | 43 | 23 | 26 | 92 |
| FRESNO | 97,130 | 23,591 | 49,299 | 170,019 | 15,709 | 4,907 | 15,337 | 35,953 | 81,421 | 18,684 | 33,962 | 134,067 |
| GLENN | 8,214 | 2,831 | 5,434 | 16,479 | 2,487 | 2,460 | 4,927 | 9,873 | 5,727 | 371 | 508 | 6,605 |
| HUMBOLDT | 2,232 | 1,105 | 806 | 4,143 | 1,605 | 836 | 774 | 3,216 | 626 | 269 | 32 | 927 |
| IMPERIAL | 50,917 | 25,457 | 3,865 | 80,239 | 24,932 | 13,924 | 2,930 | 41,786 | 25,986 | 11,533 | 935 | 38,453 |
| INYO | 199 | 101 | 51 | 351 | 166 | 98 | 50 | 313 | 33 | 3 | 1 | 37 |
| KERN | 54,224 | 15,961 | 37,258 | 107,443 | 9,315 | 5,113 | 19,964 | 34,392 | 44,909 | 10,848 | 17,294 | 73,051 |
| KINGS | 22,004 | 9,601 | 6,812 | 38,417 | 3,024 | 1,370 | 3,143 | 7,537 | 18,980 | 8,231 | 3,669 | 30,880 |
| LAKE | 341 | 205 | 148 | 694 | 155 | 91 | 62 | 309 | 185 | 114 | 86 | 385 |
| LASSEN | 562 | 209 | 220 | 991 | 515 | 201 | 215 | 931 | 47 | 8 | 5 | 60 |
| LOS ANGELES | 11,906 | 2,273 | 1,700 | 15,879 | 9,133 | 1,938 | 1,194 | 12,265 | 2,773 | 335 | 506 | 3,613 |
| MADERA | 16,111 | 2,773 | 5,044 | 23,929 | 3,128 | 1,363 | 2,076 | 6,567 | 12,983 | 1,410 | 2,968 | 17,361 |
| MARIN | 406 | 603 | 606 | 1,615 | 340 | 602 | 603 | 1,544 | 67 | 1 | 3 | 71 |
| MARIPOSA | 4 | 1 | 3 | 8 | 1 | 0 | 3 | 4 | 3 | 1 | 0 | 4 |
| MENDOCINO | 1,509 | 807 | 937 | 3,253 | 1,169 | 730 | 802 | 2,701 | 340 | 77 | 135 | 551 |
| MERCED | 22,280 | 6,424 | 14,743 | 43,446 | 4,501 | 2,571 | 8,436 | 15,508 | 17,779 | 3,852 | 6,306 | 27,938 |
| MODOC | 4,712 | 942 | 652 | 6,306 | 4,449 | 888 | 629 | 5,966 | 263 | 54 | 23 | 340 |
| MONO | 85 | 185 | 16 | 286 | 80 | 185 | 15 | 279 | 5 | 0 | 1 | 6 |
| MONTEREY | 48,091 | 12,161 | 16,196 | 76,449 | 16,627 | 4,005 | 8,303 | 28,935 | 31,464 | 8,156 | 7,893 | 47,513 |
| NAPA | 4,451 | 1,885 | 3,358 | 9,694 | 2,572 | 1,247 | 2,425 | 6,245 | 1,879 | 638 | 933 | 3,449 |
| NEVADA | 330 | 184 | 81 | 596 | 293 | 169 | 33 | 495 | 38 | 15 | 48 | 101 |
| ORANGE | 7,727 | 1,234 | 927 | 9,888 | 5,482 | 577 | 348 | 6,408 | 2,244 | 656 | 580 | 3,481 |
| PLACER | 2,059 | 422 | 589 | 3,070 | 1,571 | 394 | 578 | 2,543 | 488 | 27 | 11 | 527 |
| PLUMAS | 34 | 5 | 7 | 46 | 33 | 5 | 7 | 44 | 1 | 0 | 0 | 1 |
| RIVERSIDE | 25,532 | 12,273 | 4,773 | 42,577 | 13,183 | 7,829 | 4,117 | 25,129 | 12,349 | 4,444 | 655 | 17,448 |
| SACRAMENTO | 8,668 | 2,269 | 3,849 | 14,786 | 3,783 | 795 | 1,178 | 5,756 | 4,884 | 1,474 | 2,671 | 9,030 |
| SAN BENITO | 2,964 | 1,233 | 728 | 4,925 | 815 | 594 | 172 | 1,580 | 2,149 | 639 | 556 | 3,345 |
| SAN BERNARDINO | 9,135 | 1,366 | 1,092 | 11,593 | 6,621 | 1,334 | 1,071 | 9,027 | 2,514 | 32 | 20 | 2,566 |
| SAN DIEGO | 7,596 | 1,714 | 2,084 | 11,394 | 6,838 | 1,483 | 2,000 | 10,321 | 758 | 231 | 84 | 1,073 |
| SAN FRANCISCO | 407 | 107 | 35 | 549 | 142 | 101 | 21 | 264 | 265 | 6 | 14 | 285 |
| SAN JOAQUIN | 22,694 | 4,412 | 13,772 | 40,878 | 7,349 | 2,280 | 8,197 | 17,826 | 15,344 | 2,132 | 5,575 | 23,051 |
| SAN LUIS OBISPO | 2,864 | 480 | 2,386 | 5,730 | 1,116 | 237 | 993 | 2,346 | 1,748 | 243 | 1,392 | 3,384 |
| SAN MATEO | 1,404 | 304 | 351 | 2,060 | 1,237 | 292 | 311 | 1,841 | 167 | 12 | 40 | 219 |
| SANTA BARBARA | 13,436 | 5,232 | 6,311 | 24,979 | 3,053 | 585 | 1,296 | 4,935 | 10,382 | 4,647 | 5,014 | 20,044 |
| SANTA CLARA | 2,879 | 837 | 1,522 | 5,238 | 2,477 | 715 | 1,056 | 4,248 | 402 | 122 | 466 | 990 |
| SANTA CRUZ | 2,875 | 584 | 910 | 4,370 | 2,607 | 417 | 841 | 3,865 | 269 | 167 | 69 | 505 |
| SHASTA | 3,201 | 615 | 543 | 4,360 | 2,644 | 538 | 434 | 3,616 | 558 | 77 | 109 | 744 |
| SIERRA | 2 | 1 | 0 | 3 | 2 | 1 | 0 | 3 | 0 | 0 | 0 | 0 |
| SISKIYOU | 6,213 | 1,317 | 1,422 | 8,951 | 5,820 | 1,186 | 1,398 | 8,404 | 393 | 131 | 24 | 547 |
| SOLANO | 7,253 | 9,841 | 1,753 | 18,847 | 1,845 | 3,084 | 1,125 | 6,054 | 5,408 | 6,757 | 627 | 12,792 |
| SONOMA | 2,990 | 1,111 | 1,643 | 5,744 | 1,677 | 805 | 1,077 | 3,559 | 1,313 | 307 | 566 | 2,185 |
| STANISLAUS | 32,014 | 8,554 | 25,776 | 66,344 | 7,035 | 4,444 | 19,756 | 31,234 | 24,979 | 4,110 | 6,020 | 35,110 |
| SUTTER | 12,051 | 1,248 | 2,746 | 16,045 | 2,873 | 836 | 1,852 | 5,560 | 9,179 | 413 | 894 | 10,485 |
| TEHAMA | 1,929 | 1,126 | 2,281 | 5,337 | 1,160 | 1,028 | 2,139 | 4,327 | 769 | 98 | 142 | 1,009 |
| TRINITY | 35 | 21 | 15 | 71 | 29 | 13 | 12 | 54 | 6 | 8 | 3 | 17 |
| TULARE | 28,174 | 11,260 | 9,853 | 49,288 | 6,490 | 989 | 4,855 | 12,334 | 21,684 | 10,272 | 4,998 | 36,954 |
| TUOLUMNE | 5 | 2 | 2 | 9 | 4 | 1 | 1 | 6 | 1 | 1 | 1 | 3 |
| VENTURA | 9,860 | 2,246 | 2,827 | 14,933 | 6,313 | 951 | 1,602 | 8,866 | 3,547 | 1,295 | 1,226 | 6,067 |
| YOLO | 11,873 | 1,846 | 3,659 | 17,379 | 4,265 | 1,027 | 2,726 | 8,017 | 7,609 | 819 | 934 | 9,362 |
| YUBA | 2,666 | 422 | 1,108 | 4,196 | 839 | 315 | 1,037 | 2,191 | 1,827 | 106 | 71 | 2,004 |
| ** UNKNOWN ** | 15,140 | 10,480 | 4,019 | 29,640 | 8,894 | 8,606 | 3,151 | 20,651 | 6,247 | 1,874 | 868 | 8,989 |
| TOTAL | 641,076 | 201,397 | 262,856 | 1,105,330 | 222,251 | 90,028 | 148,861 | 461,141 | 418,825 | 111,369 | 113,995 | 644,189 |