FERTILIZING MATERIALS

TONNAGE REPORT

JANUARY - JUNE 2009

CALIFORNIA DEPARTMENT OF
FOOD & AGRICULTURE

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

SACRAMENTO, CALIFORNIA 95814

cdfa CALIFORNIA DEPARTMENT OF FOOD & AGRICULTURE
A. G. Kawamura, Secretary

FOREWORD

This publication summarizes State and County tonnage sales/distributions of commercial fertilizers, specialty fertilizers and agricultural minerals, 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 the Food and Agricultural Code.

Licensees are required to report, semi-annually, the tonnage of commercial fertilizers, specialty fertilizers and/or agricultural minerals sold/distributed in California, as defined in the Fertilizing Materials Law, Sections 14512, 14522 and 14563. The tonnage of farm-use materials is to be reported by the last licensee selling/distributing to unlicensed purchasers. The tonnage of specialty or non-farm packaged materials is to be reported by the licensee whose name appears on the label as the manufacturer or label guarantor.

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,

Asif A. Maan, Ph.D., Branch Chief
Feed, Fertilizer, and Livestock Drugs Regulatory Services
Inspection Services

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 2007	JULY-DEC 2008	JAN-JUNE 2008	JAN-JUNE 2009	JULY-JUNE 2007-08	JULY-JUNE 2008-09
0	IDENTIFIED BY GRADE	411,453	169,263	642,510	220,780	1,053,963	390,043
2	ANHYDROUS AMMONIA	139,392	106,009	292,219	142,243	431,611	248,252
6	AQUA AMMONIA	38,065	37,169	0	1,757	38,065	38,926
10	AMMONIUM NITRATE	2,584	2,397	3,120	1,691	5,704	4,088
12	AMMONIUM NITRATE SOLUTION	82,980	23,241	0	1,787	82,980	25,028
20	AMMONIUM POLYSULFIDE	1,902	375	0	0	1,902	375
24	AMMONIUM SULFATE	73,804	59,958	130,461	104,124	204,265	164,082
25	AMMONIUM SULFATE SOLUTION	0	111	0	0	0	111
29	AMMONIUM SULFATE-UREA	0	0	0	11	0	11
31	AMMONIUM THIOSULFATE	7,599	6,041	0	65	7,599	6,106
35	CALCIUM AMMONIUM NITRATE	98,334	76,925	3,135	33,113	101,469	110,038
43	CALCIUM NITRATE	13,150	25,239	35,479	57,968	48,629	83,207
56	NITROGEN SOLUTION <28%	4	20	583,627	736,296	583,631	736,316
58	NITROGEN SOLUTION 28%	3,095	673	29,855	967	32,950	1,640
59	NITROGEN SOLUTION 30%	183	221	0	428	183	649
60	NITROGEN SOLUTION 32%	190,105	103,548	383,106	403,763	573,211	507,311
62	SODIUM NITRATE	2,157	989	1,063	597	3,220	1,586
64	SULFUR COATED UREA	115	241	402	131	517	372
66	UREA	76,362	34,003	103,029	71,574	179,391	105,577
67	UREA SOLUTION	3,295	830	0	423	3,295	1,253
203	DIAMMONIUM PHOSPHATE	3,171	1,325	4,331	6,269	7,502	7,594
207	AMMONIUM PHOSPHATE SULFATE	16,691	6,978	41,151	49,286	57,842	56,264
209	MONOAMMONIUM PHOSPHATE	90,837	35,779	32,250	33,385	123,087	69,164
248	PHOSPHORIC ACID	19,685	786	4,610	13,626	24,295	14,412
249	LIQUID AMMONIUM POLYPHOSPH	51,200	19,180	82,068	60,069	133,268	79,249
263	SUPERPHOSPHATE, NORMAL	212	10	26	74	238	84
267	SUPERPHOSPHATE, TRIPLE	3,199	368	2,594	2,540	5,793	2,908
428	MURIATE OF POTASH 60% (POT	27,748	12,114	16,427	15,332	44,175	27,446
443	POTASSIUM-MAGNESIUM SULFAT	12,999	4,344	5,976	3,357	18,975	7,701
453	POTASSIUM NITRATE	7,713	4,706	9,960	9,535	17,673	14,241
463	POTASSIUM SULFATE	60,890	47,985	59,721	25,011	120,611	72,996
601	BLOOD, DRIED	444	140	586	280	1,030	420
667	SEWAGE SLUDGE, OTHER	9,691	24,119	28,569	107,030	38,260	131,149
723	COPPER COMPOUND	300,328	237	201	269	300,529	506
731	IRON COMPOUND	1,509	832	10,566	811	12,075	1,643
732	GYPSUM (CALCIUM SULFATE)	673,018	559,862	399,164	416,966	1,072,182	976,828
770	SULFUR	452,839	28,138	43,055	29,805	495,894	57,943
774	SULFURIC ACID	37,529	17,749	0	621	37,529	18,370
797	SEC./MICRONUT. - CODE UNKN	76,411	98,724	38,469	71,178	114,880	169,902
907	LIME PRODUCT - CODE UNKNOW	420,428	260,414	167,600	138,167	588,028	398,581
990	SPECIALITY - CODE/GRADE UN	0	83,845	0	156,443	0	240,288
0	LESS THAN 10 TONS	10,372	0	567	0	10,939	0
0	TOTAL	3,421,493	1,854,888	3,155,896	2,917,772	6,577,389	4,772,660

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	JULY-DEC 07 N	JULY-DEC 07 P2O5	JULY-DEC 07 K2O	JULY-DEC 08 N	JULY-DEC 08 P2O5	JULY-DEC 08 K2O
0	IDENTIFIED BY GRADE	44,733	31,447	24,792	18,747	16,719	12,562
2	ANHYDROUS AMMONIA	114,301	0	0	86,927	0	0
6	AQUA AMMONIA	7,803	0	0	7,620	0	0
10	AMMONIUM NITRATE	879	0	0	815	0	0
12	AMMONIUM NITRATE SOLUTION	16,596	0	0	4,648	0	0
20	AMMONIUM POLYSULFIDE	380	0	0	75	0	0
24	AMMONIUM SULFATE	15,499	0	0	12,591	0	0
25	AMMONIUM SULFATE SOLUTION	0	0	0	108	0	0
29	AMMONIUM SULFATE-UREA	0	0	0	0	0	0
31	AMMONIUM THIOSULFATE	912	0	0	725	0	0
35	CALCIUM AMMONIUM NITRATE	16,717	0	0	13,077	0	0
43	CALCIUM NITRATE	2,038	0	0	3,912	0	0
56	NITROGEN SOLUTION <28%	1	0	0	4	0	0
58	NITROGEN SOLUTION 28%	867	0	0	188	0	0
59	NITROGEN SOLUTION 30%	55	0	0	66	0	0
60	NITROGEN SOLUTION 32%	60,834	0	0	33,135	0	0
62	SODIUM NITRATE	345	0	0	158	0	0
64	SULFUR COATED UREA	41	0	0	87	0	0
66	UREA	35,127	0	0	15,641	0	0
67	UREA SOLUTION	659	0	0	166	0	0
203	DIAMMONIUM PHOSPHATE	571	1,459	0	239	610	0
207	AMMONIUM PHOSPHATE SULFATE	2,671	3,338	0	1,116	1,396	0
209	MONOAMMONIUM PHOSPHATE	9,992	47,235	0	3,936	18,605	0
248	PHOSPHORIC ACID	0	10,626	0	0	424	0
249	LIQUID AMMONIUM POLYPHOSPH	5,120	17,408	0	1,918	6,521	0
263	SUPERPHOSPHATE, NORMAL	0	47	0	0	2	0
267	SUPERPHOSPHATE, TRIPLE	0	1,471	0	0	169	0
428	MURIATE OF POTASH 60% (POT	0	0	16,649	0	0	7,268
443	POTASSIUM-MAGNESIUM SULFAT	0	0	2,860	0	0	956
453	POTASSIUM NITRATE	1,080	0	3,394	659	0	2,071
463	POTASSIUM SULFATE	0	0	30,444	0	0	23,993
601	BLOOD, DRIED	53	0	0	17	0	0
667	SEWAGE SLUDGE, OTHER	581	194	97	1,447	482	241
723	COPPER COMPOUND	0	0	0	0	0	0
731	IRON COMPOUND	0	0	0	0	0	0
732	GYPSUM (CALCIUM SULFATE)	0	0	0	0	0	0
770	SULFUR	0	0	0	0	0	0
774	SULFURIC ACID	0	0	0	0	0	0
797	SEC./MICRONUT. - CODE UNKN	0	0	0	0	0	0
907	LIME PRODUCT - CODE UNKNOW	0	0	0	0	0	0
990	SPECIALITY - CODE/GRADE UN	0	0	0	0	0	0
0	LESS THAN 10 TONS	0	0	54	0	0	0
0	TOTAL	337,854	113,225	78,290	208,023	44,928	47,090

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CODE	MATERIAL NAME	JAN-JUNE 08 N	JAN-JUNE 08 P2O5	JAN-JUNE 08 K2O	JAN-JUNE 09 N	JAN-JUNE 09 P2O5	JAN-JUNE 09 K2O
0	IDENTIFIED BY GRADE	70,102	67,724	28,849	26,497	39,637	13,291
2	ANHYDROUS AMMONIA	239,620	0	0	116,639	0	0
6	AQUA AMMONIA	0	0	0	351	0	0
10	AMMONIUM NITRATE	1,061	0	0	575	0	0
12	AMMONIUM NITRATE SOLUTION	0	0	0	357	0	0
20	AMMONIUM POLYSULFIDE	0	0	0	0	0	0
24	AMMONIUM SULFATE	27,397	0	0	21,866	0	0
25	AMMONIUM SULFATE SOLUTION	0	0	0	0	0	0
29	AMMONIUM SULFATE-UREA	0	0	0	4	0	0
31	AMMONIUM THIOSULFATE	0	0	0	8	0	0
35	CALCIUM AMMONIUM NITRATE	533	0	0	5,629	0	0
43	CALCIUM NITRATE	5,499	0	0	9,275	0	0
56	NITROGEN SOLUTION <28%	102,507	0	0	101,641	0	0
58	NITROGEN SOLUTION 28%	8,359	0	0	271	0	0
59	NITROGEN SOLUTION 30%	0	0	0	128	0	0
60	NITROGEN SOLUTION 32%	122,594	0	0	129,204	0	0
62	SODIUM NITRATE	170	0	0	96	0	0
64	SULFUR COATED UREA	145	0	0	47	0	0
66	UREA	47,393	0	0	32,924	0	0
67	UREA SOLUTION	0	0	0	85	0	0
203	DIAMMONIUM PHOSPHATE	780	1,992	0	1,128	2,884	0
207	AMMONIUM PHOSPHATE SULFATE	6,584	8,230	0	7,886	9,857	0
209	MONOAMMONIUM PHOSPHATE	3,548	16,770	0	3,672	17,360	0
248	PHOSPHORIC ACID	0	2,488	0	0	7,358	0
249	LIQUID AMMONIUM POLYPHOSPH	8,207	27,903	0	6,007	20,423	0
263	SUPERPHOSPHATE, NORMAL	0	6	0	0	16	0
267	SUPERPHOSPHATE, TRIPLE	0	1,193	0	0	1,284	0
428	MURIATE OF POTASH 60% (POT	0	0	9,856	0	0	9,199
443	POTASSIUM-MAGNESIUM SULFAT	0	0	1,315	0	0	739
453	POTASSIUM NITRATE	1,394	0	4,382	1,335	0	4,195
463	POTASSIUM SULFATE	0	0	29,861	0	0	12,506
601	BLOOD, DRIED	70	0	0	34	0	0
667	SEWAGE SLUDGE, OTHER	1,714	571	286	6,422	2,141	1,070
723	COPPER COMPOUND	0	0	0	0	0	0
731	IRON COMPOUND	0	0	0	0	0	0
732	GYPSUM (CALCIUM SULFATE)	0	0	0	0	0	0
770	SULFUR	0	0	0	0	0	0
774	SULFURIC ACID	0	0	0	0	0	0
797	SEC./MICRONUT. - CODE UNKN	0	0	0	0	0	0
907	LIME PRODUCT - CODE UNKNOW	0	0	0	0	0	0
990	SPECIALITY - CODE/GRADE UN	0	0	0	0	0	0
0	LESS THAN 10 TONS	0	0	262	0	0	0
0	TOTAL	647,676	126,878	74,810	472,081	100,960	41,000

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CODE	MATERIAL NAME	JULY-JUNE 07-08 N	JULY-JUNE 07-08 P2O5	JULY-JUNE 07-08 K2O	JULY-JUNE 08-09 N	JULY-JUNE 08-09 P2O5	JULY-JUNE 08-09 K2O
0	IDENTIFIED BY GRADE	114,834	99,171	53,642	45,244	56,356	25,853
2	ANHYDROUS AMMONIA	353,921	0	0	203,567	0	0
6	AQUA AMMONIA	7,803	0	0	7,971	0	0
10	AMMONIUM NITRATE	1,939	0	0	1,390	0	0
12	AMMONIUM NITRATE SOLUTION	16,596	0	0	5,006	0	0
20	AMMONIUM POLYSULFIDE	380	0	0	75	0	0
24	AMMONIUM SULFATE	42,896	0	0	34,457	0	0
25	AMMONIUM SULFATE SOLUTION	0	0	0	108	0	0
29	AMMONIUM SULFATE-UREA	0	0	0	4	0	0
31	AMMONIUM THIOSULFATE	912	0	0	733	0	0
35	CALCIUM AMMONIUM NITRATE	17,250	0	0	18,706	0	0
43	CALCIUM NITRATE	7,537	0	0	13,187	0	0
56	NITROGEN SOLUTION <28%	102,508	0	0	101,645	0	0
58	NITROGEN SOLUTION 28%	9,226	0	0	459	0	0
59	NITROGEN SOLUTION 30%	55	0	0	195	0	0
60	NITROGEN SOLUTION 32%	183,428	0	0	162,340	0	0
62	SODIUM NITRATE	515	0	0	254	0	0
64	SULFUR COATED UREA	186	0	0	134	0	0
66	UREA	82,520	0	0	48,565	0	0
67	UREA SOLUTION	659	0	0	251	0	0
203	DIAMMONIUM PHOSPHATE	1,350	3,451	0	1,367	3,493	0
207	AMMONIUM PHOSPHATE SULFATE	9,255	11,568	0	9,002	11,253	0
209	MONOAMMONIUM PHOSPHATE	13,540	64,005	0	7,608	35,965	0
248	PHOSPHORIC ACID	0	13,115	0	0	7,782	0
249	LIQUID AMMONIUM POLYPHOSPH	13,327	45,311	0	7,925	26,945	0
263	SUPERPHOSPHATE, NORMAL	0	52	0	0	18	0
267	SUPERPHOSPHATE, TRIPLE	0	2,665	0	0	1,454	0
428	MURIATE OF POTASH 60% (POT	0	0	26,505	0	0	16,468
443	POTASSIUM-MAGNESIUM SULFAT	0	0	4,175	0	0	1,694
453	POTASSIUM NITRATE	2,474	0	7,776	1,994	0	6,266
463	POTASSIUM SULFATE	0	0	60,305	0	0	36,498
601	BLOOD, DRIED	124	0	0	50	0	0
667	SEWAGE SLUDGE, OTHER	2,296	765	383	7,869	2,623	1,311
723	COPPER COMPOUND	0	0	0	0	0	0
731	IRON COMPOUND	0	0	0	0	0	0
732	GYPSUM (CALCIUM SULFATE)	0	0	0	0	0	0
770	SULFUR	0	0	0	0	0	0
774	SULFURIC ACID	0	0	0	0	0	0
797	SEC./MICRONUT. - CODE UNKN	0	0	0	0	0	0
907	LIME PRODUCT - CODE UNKNOW	0	0	0	0	0	0
990	SPECIALITY - CODE/GRADE UN	0	0	0	0	0	0
0	LESS THAN 10 TONS	0	0	316	0	0	0
0	TOTAL	985,530	240,103	153,100	680,104	145,889	88,091

STATE OF CALIFORNIA - DEPARTMENT OF FOOD AND AGRICULTURE
TONNAGE REPORT OF COMMERCIAL FERTILIZERS AND AGRICULTURAL MINERALS
July 2008 - June 2009

TONS OF NITROGEN MATERIALS-FARM USE

COUNTY	ANHY AMM	AQUA AMM	AMM NITR	AMM NIT SOL	AMPOLY	AMM SUL	AMM THIO	BLOOD MEAL	CAL AMM NIT	CAL NIT	NSOL 28%	NSOL 32%	SOD NIT	SCU	UREA	UREA SOL	OTHER N
ALAMEDA	-1	0	0	0	0	48	0	0	8	25	0	74	0	0	18	0	304
ALPINE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	0	18
AMADOR	1	0	0	0	0	19	0	0	0	0	0	102	0	0	40	0	65
BUTTE	0	156	0	0	0	16,559	131	0	155	18	79	10,174	0	15	2,572	132	36,417
CALAVERAS	0	0	0	0	0	3	9	0	6	0	0	13	0	0	2	0	182
COLUSA	1,091	15,152	0	0	0	13,701	555	0	2,499	534	89	12,570	243	0	1,054	0	123,331
CONTRA COSTA	767	0	4	0	0	76	0	0	28	0	3	233	0	0	51	0	454
DEL NORTE	0	0	0	0	0	0	0	0	0	62	0	0	0	0	0	0	16
EL DORADO	0	0	0	0	0	3	0	0	0	16	0	212	0	0	6	0	59
FRESNO	4,004	364	124	9,594	0	6,331	10	0	12,985	2,131	0	78,339	29	13	9,925	72	72,539
GLENN	3	352	0	0	0	11,477	27	0	217	51	0	6,222	0	0	524	1	31,780
HUMBOLDT	0	0	7	0	0	156	0	0	0	40	0	797	0	0	27	4	1,007
IMPERIAL	5,455	1,890	266	1,934	292	1,313	0	0	3,064	3	312	46,343	2	0	29,832	359	15,043
INYO	0	0	0	0	0	70	0	7	1	1	0	64	0	0	56	0	5
KERN	3,406	783	34	62	0	3,270	859	231	7,420	227	0	62,964	0	0	3,617	256	24,773
KINGS	9,699	39	39	8	0	2,708	42	13	1,452	1,113	55	45,093	0	0	4,787	0	21,054
LAKE	5	0	0	0	0	149	0	0	8	2	80	165	0	0	197	0	129
LASSEN	0	0	176	0	0	673	0	0	0	0	0	122	0	0	156	4	78
LOS ANGELES	0	13	153	151	0	2,975	1	0	1	19	0	167	0	0	191	0	2,428
MADERA	139	63	81	32	0	3,050	2	0	1,958	937	112	17,055	0	0	2,725	0	11,756
MARIN	0	0	0	0	0	115	0	0	0	1	0	0	0	0	0	1	20
MARIPOSA	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	30
MENDOCINO	0	102	0	0	0	54	0	4	14	70	0	86	0	0	38	0	403
MERCED	321	148	0	76	0	6,074	1,440	0	9,221	12	175	21,677	3	68	2,338	0	25,809
MODOC	293	0	0	0	0	809	69	0	0	0	16	643	0	0	102	0	224
MONO	0	0	0	0	0	3	0	0	0	0	0	0	0	0	9	0	0
MONTEREY	0	422	70	4,364	0	5,511	1,029	10	8,525	410	0	21,612	11	167	2,054	3	33,278
NAPA	0	0	1	0	0	14	0	0	98	110	0	52	0	0	14	0	372
NEVADA	0	0	0	0	0	132	0	41	0	0	0	0	0	0	0	0	142
ORANGE	0	0	1,222	26	0	455	2	4	168	32	0	67	32	37	205	0	2,820
PLACER	0	0	0	0	0	207	0	0	7	23	0	129	0	0	246	0	2,377
PLUMAS	0	0	0	0	0	17	0	0	0	0	0	0	0	0	0	0	45
RIVERSIDE	1,297	700	0	2,403	18	2,385	150	14	2,593	1,253	1	7,310	1	0	2,174	0	10,962
SACRAMENTO	1,034	2,316	1	0	0	14,416	0	0	86	22,282	160	2,202	0	6	2,828	0	4,110
SAN BENITO	0	0	0	0	0	61	0	0	1,506	1	0	62	0	0	50	0	3,182
SAN BERNARDINO	0	0	0	0	0	222	0	2	38	147	2	0	0	0	174	0	2,365
SAN DIEGO	0	26	69	0	0	660	50	14	1,984	32,997	42	205	0	4	3,034	0	4,188
SAN FRANCISCO	0	0	0	0	0	133	0	0	0	0	0	13	0	0	1	0	7
SAN JOAQUIN	209,952	7,573	125	13	0	7,845	101	0	16,843	16,464	1	21,095	1,229	2	15,488	0	24,181
SAN LUIS OBISPO	3	99	0	118	0	863	663	9	851	86	3	1,680	7	4	91	42	3,260
SAN MATEO	0	0	257	0	0	149	0	0	53	52	0	0	0	14	187	0	372
SANTA BARBARA	0	529	0	889	0	916	551	0	1,222	707	43	6,084	7	0	592	317	19,144
SANTA CLARA	0	0	70	8	0	317	0	0	686	68	0	72	0	0	153	0	1,253
SANTA CRUZ	0	131	15	0	0	985	0	0	926	60	0	35	0	11	43	0	1,744
SHASTA	1,118	0	0	0	0	8,807	0	0	42	124	13	205	0	0	4,052	0	310
SIERRA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SISKIYOU	293	0	0	0	0	1,550	69	0	0	0	4	614	0	0	403	0	495
SOLANO	3,305	275	0	153	0	6,601	0	0	509	6	32	7,677	1	0	1,305	0	4,318
SONOMA	6	0	7	0	0	239	3	18	167	487	0	223	0	0	81	0	700
STANISLAUS	888	0	2	56	65	9,137	73	0	7,121	519	184	41,734	0	0	1,903	0	26,002
SUTTER	261	3,439	0	0	0	12,135	2	0	373	210	102	8,629	0	0	2,885	0	32,156
TEHAMA	0	27	24	0	0	1,388	8	0	261	112	0	1,712	0	0	179	0	751
TRINITY	0	0	0	0	0	0	0	0	0	0	0	1	0	0	3	0	1
TULARE	4,197	62	1,341	14	0	3,087	35	0	3,740	1,135	9	32,216	13	2	3,657	62	15,019
TUOLUMNE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VENTURA	0	178	0	96	0	613	50	6	18,240	293	0	25,153	0	28	956	0	47,963
YOLO	457	3,872	0	0	0	7,605	174	19	836	121	100	13,507	8	0	2,100	0	34,607
YUBA	0	136	0	0	0	1,988	1	28	56	129	0	1,785	0	0	713	0	8,701
UNKNOWN	258	79	0	5,031	0	6,008	0	0	4,070	117	23	10,113	0	1	911	0	26,184
TOTAL	248,252	38,926	4,088	25,028	375	164,082	6,106	420	110,038	83,207	1,640	507,311	1,586	372	105,577	1,253	678,933

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TONS OF PHOSPHORUS AND POTASSIUM MATERIALS-FARM USE

COUNTY	DAP	AM PHOS SUL	MONOAM PHOS	PHOS ACID	LIQ AM POLY	NORMAL SUPER	TRIPLE SUPER	OTHER PHOS	MUR OF POTASH	SUL OF POT MAG	POT NIT	POT SUL	OTHER POT
ALAMEDA	2	89	0	17	0	0	2	346	0	16	1	3	158
ALPINE	0	1	0	0	0	0	0	22	0	0	0	2	10
AMADOR	0	0	2	0	0	0	0	78	0	0	0	6	31
BUTTE	134	7,948	3,033	7	3,558	0	12	3,269	4,822	595	128	5,612	1,142
CALAVERAS	0	55	0	0	0	0	0	22	19	0	0	3	10
COLUSA	2,912	9,650	1,263	656	5,186	4	13	3,143	284	14	7	851	1,337
CONTRA COSTA	3	62	37	2	0	0	2	325	3	0	9	200	135
DEL NORTE	0	0	0	91	0	0	0	17	0	4	0	0	10
EL DORADO	0	5	0	0	0	0	12	23	5	0	0	1	11
FRESNO	70	165	5,980	1,691	6,008	0	1	13,868	520	597	420	7,247	6,620
GLENN	1,900	6,943	690	0	183	0	14	3,181	3,256	0	50	1,472	1,094
HUMBOLDT	0	116	18	0	117	0	2	701	19	0	30	0	286
IMPERIAL	50	19	16,609	3,609	7,496	0	0	6,605	47	269	42	749	2,674
INYO	0	4	90	0	0	0	1	8	4	0	2	3	3
KERN	11	552	4,555	815	10,184	10	50	11,605	586	1,049	802	5,245	5,312
KINGS	181	0	2,565	992	6,307	0	105	11,873	275	192	151	1,205	8,586
LAKE	10	10	16	0	69	0	0	21	5	27	5	42	9
LASSEN	0	58	289	0	0	0	0	71	0	0	0	0	27
LOS ANGELES	242	47	385	2	26	0	27	2,696	0	104	38	541	1,220
MADERA	0	79	597	150	163	0	125	3,391	453	37	309	875	1,692
MARIN	0	0	215	0	0	0	0	28	0	0	0	0	11
MARIPOSA	0	0	0	0	0	0	0	39	0	0	0	0	14
MENDOCINO	0	42	9	1	15	0	4	463	4	4	1	84	221
MERCED	0	453	3,595	397	1,932	0	214	13,865	1,070	39	125	1,680	6,950
MODOC	0	1,748	324	0	1,577	0	28	23	72	22	0	304	38
MONO	0	0	9	0	0	0	0	0	0	0	0	0	0
MONTEREY	1,003	96	3,237	3,398	1,642	0	4	12,974	844	61	86	8,948	5,584
NAPA	0	56	62	0	20	0	22	313	0	0	11	60	135
NEVADA	0	12	0	0	0	0	0	72	0	0	0	4	29
ORANGE	0	87	15	0	4	0	53	2,920	24	30	12	3,466	1,353
PLACER	0	576	33	0	0	0	1	639	18	0	7	35	302
PLUMAS	0	0	0	0	0	0	0	13	0	0	0	0	4
RIVERSIDE	14	231	5,193	936	8,281	0	1,481	5,845	257	1,581	254	299	2,890
SACRAMENTO	0	926	1,074	0	184	0	29	2,123	534	71	6	7,847	1,057
SAN BENITO	0	0	0	3	18	0	4	2,689	0	0	4	128	972
SAN BERNARDINO	2	58	239	0	0	0	23	1,908	0	0	8	253	1,140
SAN DIEGO	168	163	79	150	0	0	206	4,092	19	101	108	2,174	2,026
SAN FRANCISCO	0	83	0	0	99	0	0	10	0	0	0	73	3
SAN JOAQUIN	64	580	805	16	3,260	0	13	10,076	6,989	1,745	9,017	8,144	4,177
SAN LUIS OBISPO	0	74	18	6	82	55	3	701	3	2	43	117	412
SAN MATEO	94	27	28	17	0	5	41	429	.25	4	61	154	221
SANTA BARBARA	0	96	1,110	58	452	0	11	4,826	301	27	220	923	2,494
SANTA CLARA	4	8	12	0	0	0	15	1,350	1	6	13	614	704
SANTA CRUZ	1	0	237	163	290	1	22	1,142	4	4	66	67	553
SHASTA	7	1,245	856	0	0	0	1	288	190	31	1	322	138
SIERRA	0	0	0	0	0	0	0	0	0	0	0	0	0
SISKIYOU	0	4,778	1,207	0	267	0	28	209	227	22	0	399	145
SOLANO	0	4,945	2,543	28	2,678	0	20	4,510	551	0	14	1,759	2,058
SONOMA	21	195	73	2	135	9	115	525	71	0	142	425	228
STANISLAUS	3	895	2,661	284	6,063	0	0	8,707	2,547	549	114	6,691	3,711
SUTTER	339	6,087	3,163	26	2,420	0	0	1,063	629	58	315	357	372
TEHAMA	0	268	8	0	25	0	0	448	0	0	43	103	151
TRINITY	0	0	0	0	0	0	0	2	0	0	0	0	1
TULARE	50	18	2,508	774	2,345	0	30	6,039	1,113	381	1,090	2,224	2,561
TUOLUMNE	0	0	0	0	0	0	0	1	0	0	0	0	0
VENTURA	0	1,749	689	121	1,039	0	133	7,135	133	22	240	487	3,627
YOLO	56	2,361	994	0	6,555	0	14	2,228	584	37	20	7	828
YUBA	85	1,563	221	0	184	0	0	395	774	0	76	64	136
UNKNOWN	168	1,041	1,818	0	385	0	27	9,350	164	0	150	727	4,463
TOTAL	7,594	56,264	69,164	14,412	79,249	84	2,908	168,705	27,446	7,701	14,241	72,996	80,072

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COUNTY	COPPER	IRON	GYPSUM	LIME	SEWAGE SLUDGE	SULFUR	SULFURIC ACID	OTHER SEC MIC	ALL OTHER
ALAMEDA	0	1	98	1	0	24	0	18	250
ALPINE	0	0	0	0	0	0	0	2	0
AMADOR	0	0	130	46	0	1	0	3	1
BUTTE	0	0	1,107	1,190	0	348	0	1,076	536
CALAVERAS	0	0	260	111	0	1	0	3	1
COLUSA	6	0	4,818	21,258	0	2,091	74	5,645	1,220
CONTRA COSTA	0	0	2,547	166	0	1	0	6	7
DEL NORTE	0	0	1	9	0	0	0	10	0
EL DORADO	0	0	0	14	0	0	0	3	0
FRESNO	25	213	301,395	38,763	0	8,008	224	15,941	19,261
GLENN	0	0	2,208	4,658	0	372	3	714	212
HUMBOLDT	14	66	26	15	0	4	0	16	15
IMPERIAL	1	1	2,459	20,267	0	223	0	926	1,023
INYO	0	0	14	1	0	9	0	189	0
KERN	62	34	299,614	9,659	0	14,375	126	43,525	3,480
KINGS	0	0	60,876	10,811	55,000	4,594	15,265	1,540	18,684
LAKE	0	0	438	231	0	56	0	42	3
LASSEN	0	0	869	0	0	83	0	0	0
LOS ANGELES	0	4	1,270	11	15,907	1	0	526	15
MADERA	8	1	10,476	8,104	25	1,318	344	1,841	1,327
MARIN	0	0	0	25	0	75	0	60	0
MARIPOSA	0	0	0	0	0	0	0	0	7
MENDOCINO	0	0	861	1,224	0	78	0	2,115	29
MERCED	8	5	51,141	9,821	1,705	2,391	0	31,278	1,330
MODOC	4	0	2,538	108	0	456	29	20	33
MONO	0	0	0	0	0	0	0	1	0
MONTEREY	3	9	3,844	49,950	0	233	338	1,068	911
NAPA	0	1	2,180	1,415	0	54	0	947	385
NEVADA	0	0	27	80	0	0	0	45	1
ORANGE	0	42	2,855	110	3,901	95	29	143	75
PLACER	1	2	76	186	0	21	0	20	9
PLUMAS	0	0	0	0	0	0	0	0	0
RIVERSIDE	17	75	5,013	56	10,011	582	7	2,440	6,704
SACRAMENTO	8	47	2,714	1,993	4,074	64	0	10,016	49
SAN BENITO	0	3	1,512	6	0	0	95	62	7
SAN BERNARDINO	0	361	998	31	32,484	20	0	216	1
SAN DIEGO	3	69	2,622	55	5,339	9	0	924	58
SAN FRANCISCO	0	0	100	0	0	0	0	1	19
SAN JOAQUIN	2	481	27,360	14,681	871	7,388	127	2,001	2,012
SAN LUIS OBISPO	21	10	931	119,274	0	55	0	278	146
SAN MATEO	0	24	41	239	0	55	1	93	2
SANTA BARBARA	5	11	24,218	10,650	319	171	0	7,852	888
SANTA CLARA	0	3	1,448	1,824	0	4	1	391	202
SANTA CRUZ	8	8	151	62	0	0	1	504	52
SHASTA	0	1	4,118	21,538	0	280	19	45	2
SIERRA	0	0	7	0	0	6	0	0	0
SISKIYOU	9	0	4,351	110	0	611	29	113	39
SOLANO	0	13	4,039	1,745	0	138	0	615	25
SONOMA	0	23	5,987	6,910	0	67	0	495	328
STANISLAUS	1	10	33,210	15,494	0	5,457	96	1,611	4,239
SUTTER	84	0	1,850	385	0	117	520	334	309
TEHAMA	0	0	83	6,219	0	8	1	157	77
TRINITY	0	0	0	0	0	0	0	0	0
TULARE	153	56	90,075	2,865	0	6,957	1,041	5,521	6,875
TUOLUMNE	0	0	0	0	0	0	0	0	0
VENTURA	0	62	1,186	1	1,513	37	0	953	991
YOLO	38	4	1,991	5,341	0	165	0	24,941	263
YUBA	25	0	816	779	0	16	0	14	10
UNKNOWN	0	3	9,879	10,089	0	82	0	2,602	633
TOTAL	506	1,643	976,828	398,581	131,149	57,943	18,370	169,902	72,746

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TONS OF MATERIALS BY USE

COUNTY	FARM DRY BAG	FARM DRY BULK	FARM LIQUID	FARM TOTAL	AG MIN DRY BAG	AG MIN DRY BULK	AG MIN LIQUID	AG MIN TOTAL	NONFARM DRY BAG	NONFARM DRY BULK	NONFARM LIQUID	NONFARM TOTAL	TOTAL ALL
ALAMEDA	891	68	151	1,110	139	3	250	392	4,672	12	215	4,899	6,401
ALPINE	8	69	4	81	0	0	2	2	2	0	0	2	85
AMADOR	28	184	131	343	0	180	1	181	228	0	1	229	753
BUTTE	2,176	43,310	51,183	96,669	465	3,115	677	4,257	876	1,070	216	2,162	103,088
CALAVERAS	18	82	223	323	254	117	5	376	72	0	20	92	791
COLUSA	2,926	33,571	159,643	196,140	1,297	31,530	2,285	35,112	59	0	5	64	231,316
CONTRA COSTA	494	472	1,427	2,393	74	2,646	7	2,727	3,762	44	107	3,913	9,033
DEL NORTE	70	11	119	200	14	0	6	20	170	0	5	175	395
EL DORADO	85	8	260	353	17	0	0	17	480	0	15	495	865
FRESNO	10,354	39,142	190,151	239,647	10,076	351,220	22,534	383,830	3,404	265	299	3,968	627,445
GLENN	1,523	28,626	39,288	69,437	264	7,674	229	8,167	13	0	6	19	77,623
HUMBOLDT	1,567	222	1,538	3,327	111	30	15	156	1,311	21	114	1,446	4,929
IMPERIAL	5,335	50,891	88,052	144,278	1,597	21,490	1,813	24,900	339	0	1,262	1,601	170,779
INYO	38	216	64	318	151	62	0	213	47	0	0	47	578
KERN	18,406	20,572	109,700	148,678	10,726	355,976	4,173	370,875	3,177	262	32	3,471	523,024
KINGS	1,936	12,209	104,388	118,533	206	132,523	34,041	166,770	438	2	3	443	285,746
LAKE	231	264	453	948	154	613	3	770	88	0	2	90	1,808
LASSEN	284	1,195	176	1,655	20	932	0	952	3	0	0	3	2,610
LOS ANGELES	6,889	3,660	878	11,427	1,297	16,422	15	17,734	24,377	35	816	25,228	54,389
MADERA	2,782	9,595	33,404	45,781	1,452	19,307	2,685	23,444	411	23	229	663	69,888
MARIN	91	300	0	391	134	25	1	160	811	0	46	857	1,408
MARIPOSA	0	6	86	92	0	0	7	7	0	0	0	0	99
MENDOCINO	1,058	116	445	1,619	2,242	2,015	50	4,307	1,566	87	203	1,856	7,782
MERCED	5,604	36,865	55,214	97,683	1,411	94,383	1,885	97,679	967	544	4	1,515	196,877
MODOC	9	3,426	2,857	6,292	23	3,103	62	3,188	188	0	0	188	9,668
MONO	0	21	0	21	1	0	0	1	27	0	9	36	58
MONTEREY	6,098	36,214	73,031	115,343	1,260	53,729	1,367	56,356	1,414	2,267	3	3,684	175,383
NAPA	673	247	420	1,340	402	4,186	394	4,982	309	0	3	312	6,634
NEVADA	102	173	157	432	77	75	1	153	403	7	33	443	1,028
ORANGE	6,546	4,106	2,382	13,034	1,077	6,048	125	7,250	11,885	1,403	906	14,194	34,478
PLACER	1,417	1,008	2,175	4,600	130	176	9	315	5,157	14	46	5,217	10,132
PLUMAS	5	34	40	79	0	0	0	0	24	0	0	24	103
RIVERSIDE	16,127	8,850	33,546	58,523	2,111	14,117	8,677	24,905	11,635	68	443	12,146	95,574
SACRAMENTO	3,638	52,044	7,610	63,292	911	17,994	60	18,965	8,380	2,391	347	11,118	93,375
SAN BENITO	3,862	1,912	2,906	8,680	79	1,493	113	1,685	646	127	0	773	11,138
SAN BERNARDINO	2,755	3,190	635	6,580	857	33,253	1	34,111	13,489	409	298	14,196	54,887
SAN DIEGO	44,286	7,111	1,962	53,359	3,118	5,859	102	9,079	12,843	112	187	13,142	75,580
SAN FRANCISCO	78	217	127	422	49	52	19	120	304	0	183	487	1,029
SAN JOAQUIN	39,819	56,673	269,306	365,798	7,298	45,083	2,542	54,923	5,894	4,347	183	10,424	431,145
SAN LUIS OBISPO	1,982	886	6,427	9,295	687	119,858	170	120,715	693	0	5	698	130,708
SAN MATEO	1,798	345	46	2,189	449	1	5	455	2,960	363	14	3,337	5,981
SANTA BARBARA	7,238	5,864	28,417	41,519	264	42,850	1,000	44,114	20,777	66	39	20,882	106,515
SANTA CLARA	3,431	1,095	828	5,354	1,114	2,554	205	3,873	6,710	180	92	6,982	16,209
SANTA CRUZ	1,930	1,978	2,593	6,501	518	197	71	786	14,320	241	52	14,613	21,900
SHASTA	539	15,626	1,584	17,749	489	25,512	2	26,003	811	0	11	822	44,574
SIERRA	0	0	0	0	13	0	0	13	0	0	0	0	13
SISKIYOU	12	8,703	1,995	10,710	28	5,138	96	5,262	23	397	0	420	16,392
SOLANO	296	19,077	23,915	43,288	306	6,244	25	6,575	4,380	27	67	4,474	54,337
SONOMA	2,105	727	1,041	3,873	1,039	12,316	455	13,810	2,141	0	766	2,907	20,590
STANISLAUS	4,261	33,815	81,832	119,908	2,424	52,930	4,764	60,118	1,971	1,243	173	3,387	183,413
SUTTER	797	26,341	47,883	75,021	483	2,787	329	3,599	443	55	2	500	79,120
TEHAMA	372	2,600	2,536	5,508	63	6,402	80	6,545	4,518	0	60	4,578	16,631
TRINITY	0	3	4	7	0	0	0	0	0	0	2	2	9
TULARE	7,510	15,733	60,479	83,722	5,568	99,382	8,593	113,543	8,307	4,003	176	12,486	209,751
TUOLUMNE	0	0	1	1	0	0	0	0	68	0	0	68	69
VENTURA	5,682	7,860	95,408	108,950	697	2,617	1,429	4,743	4,460	714	30	5,204	118,897
YOLO	322	17,519	59,250	77,091	510	31,958	275	32,743	3,747	5	36	3,788	113,622
YUBA	132	6,073	10,830	17,035	48	1,552	60	1,660	65	103	0	168	18,863
UNKNOWN	17,436	11,044	42,608	71,088	1,776	21,347	907	24,030	20,329	164	121,531	142,024	237,142
TOTAL	244,052	632,169	1,701,809	2,578,030	65,970	1,659,076	102,622	1,827,668	216,594	21,071	129,297	366,962	4,772,660

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COUNTY	ALL N	ALL P2O5	ALL K2O	ALL TOTAL	DRY N	DRY P2O5	DRY K2O	DRY TOTAL	LIQUID N	LIQUID P2O5	LIQUID K2O	LIQUID TOTAL
ALAMEDA	158	148	58	364	127	135	56	318	31	13	2	46
ALPINE	19	8	4	31	19	7	4	30	0	0	0	1
AMADOR	78	29	14	120	41	26	12	79	37	3	1	41
BUTTE	17,560	5,617	6,292	29,470	6,807	3,939	6,116	16,862	10,754	1,678	176	12,608
CALAVERAS	55	18	16	89	12	12	14	38	42	7	2	51
COLUSA	39,638	7,144	1,054	47,837	6,498	4,574	880	11,951	33,140	2,570	175	35,885
CONTRA COSTA	891	148	152	1,191	120	110	139	368	772	39	13	823
DEL NORTE	15	55	4	74	12	2	2	16	3	52	2	58
EL DORADO	89	14	7	110	12	13	7	32	77	1	0	79
FRESNO	55,408	10,882	6,455	72,745	9,473	5,318	3,949	18,740	45,935	5,563	2,506	54,005
GLENN	13,007	3,831	3,102	19,939	4,652	3,266	2,936	10,854	8,355	564	166	9,085
HUMBOLDT	619	322	122	1,063	243	250	115	608	377	71	6	454
IMPERIAL	41,098	15,454	1,396	57,947	16,805	9,598	925	27,328	24,293	5,856	472	30,620
INYO	75	51	6	131	54	51	6	111	20	0	0	20
KERN	34,414	10,408	5,329	50,151	5,554	5,045	4,450	15,049	28,860	5,363	879	35,102
KINGS	35,205	8,905	4,053	48,162	6,714	2,588	1,414	10,716	28,491	6,316	2,639	37,446
LAKE	238	46	35	319	132	20	34	186	107	25	1	133
LASSEN	376	187	9	573	330	182	8	520	47	5	2	53
LOS ANGELES	2,700	1,597	882	5,180	2,527	1,547	868	4,942	173	50	15	238
MADERA	10,646	1,667	1,406	13,719	2,572	788	1,080	4,440	8,074	879	327	9,279
MARIN	55	122	4	181	55	122	4	181	0	0	0	0
MARIPOSA	13	14	5	32	1	1	0	2	12	13	5	30
MENDOCINO	231	178	119	528	151	149	103	402	80	30	16	126
MERCED	17,005	6,377	3,222	26,604	5,012	3,991	2,468	11,471	11,994	2,385	754	15,133
MODOC	1,181	1,075	206	2,463	535	536	202	1,272	646	540	5	1,190
MONO	6	5	0	10	6	5	0	10	0	0	0	0
MONTEREY	20,207	9,063	6,914	36,184	5,451	4,630	6,043	16,123	14,756	4,433	872	20,061
NAPA	184	169	80	434	117	129	67	313	67	40	13	121
NEVADA	72	28	12	111	45	16	8	69	27	12	4	43
ORANGE	1,814	1,130	2,247	5,191	1,475	894	2,131	4,500	339	235	116	691
PLACER	845	351	131	1,327	403	315	129	847	442	36	2	480
PLUMAS	14	5	2	20	6	4	1	11	8	1	0	8
RIVERSIDE	10,976	9,049	1,811	21,837	4,424	5,264	1,564	11,253	6,552	3,784	247	10,584
SACRAMENTO	11,566	1,621	4,650	17,837	9,263	1,379	4,541	15,183	2,303	242	109	2,654
SAN BENITO	1,229	967	408	2,603	712	908	390	2,010	517	59	17	594
SAN BERNARDINO	2,814	1,417	815	5,046	2,709	1,405	810	4,924	105	12	5	121
SAN DIEGO	9,230	1,818	1,884	12,933	8,908	1,674	1,849	12,431	323	145	35	503
SAN FRANCISCO	58	54	38	150	42	17	37	97	16	36	1	53
SAN JOAQUIN	202,552	5,225	14,050	221,827	17,262	2,625	13,419	33,306	185,289	2,600	631	188,520
SAN LUIS OBISPO	1,764	302	214	2,280	448	215	194	857	1,316	87	20	1,423
SAN MATEO	382	237	191	810	378	223	190	790	3	14	2	20
SANTA BARBARA	7,641	2,415	1,557	11,613	1,747	1,701	1,341	4,789	5,894	714	216	6,824
SANTA CLARA	723	477	550	1,749	577	460	544	1,581	146	16	6	168
SANTA CRUZ	1,048	709	248	2,005	565	483	231	1,279	483	226	16	726
SHASTA	5,114	796	328	6,237	4,091	773	319	5,183	1,023	23	8	1,054
SIERRA	0	0	0	0	0	0	0	0	0	0	0	0
SISKIYOU	1,981	1,756	381	4,119	1,420	1,608	348	3,376	561	148	33	742
SOLANO	10,007	4,796	1,901	16,705	3,267	2,496	1,317	7,080	6,740	2,300	584	9,625
SONOMA	538	371	394	1,303	352	266	373	991	186	105	21	312
STANISLAUS	25,151	6,807	6,300	38,259	5,170	3,087	5,552	13,809	19,981	3,720	749	24,449
SUTTER	15,857	4,235	839	20,932	5,421	3,106	817	9,344	10,437	1,129	23	11,588
TEHAMA	1,241	227	125	1,593	564	162	106	831	677	66	19	762
TRINITY	2	1	0	3	1	0	0	1	1	1	0	1
TULARE	21,417	4,667	3,198	29,282	4,296	2,174	2,644	9,115	17,120	2,493	554	20,167
TUOLUMNE	0	0	0	0	0	0	0	0	0	0	0	0
VENTURA	21,617	3,624	1,629	26,871	2,081	1,964	1,025	5,070	19,537	1,660	604	21,801
YOLO	16,480	4,041	660	21,181	3,582	1,613	578	5,773	12,898	2,428	82	15,408
YUBA	3,475	671	578	4,724	1,138	555	564	2,257	2,337	116	14	2,467
UNKNONW	13,322	4,561	1,999	19,883	4,184	3,802	1,721	9,707	9,138	760	278	10,176
TOTAL	680,104	145,889	88,091	914,084	158,563	86,223	74,643	319,430	521,541	59,666	13,447	594,654

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COUNTY	ANHY AMM	AQUA AMM	AMM NITR	AMM NIT SOL	AMPOLY	AMM SUL	AMM THIO	BLOOD MEAL	CAL AMM NIT	CAL NIT	NSOL 28%	NSOL 32%	SOD NIT	SCU	UREA	UREA SOL	OTHER N
ALAMEDA	-1	0	0	0	0	35	0	0	0	9	0	65	0	0	18	0	192
ALPINE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	11
AMADOR	0	0	0	0	0	18	0	0	0	0	0	85	0	0	40	0	52
BUTTE	0	0	0	0	0	8,033	0	0	117	2	79	9,607	0	0	2,091	0	36,276
CALAVERAS	0	0	0	0	0	3	0	0	0	0	0	0	0	0	2	0	176
COLUSA	635	0	0	0	0	7,201	48	0	1,839	449	75	10,736	0	0	515	0	122,567
CONTRA COSTA	767	0	0	0	0	43	0	0	28	0	3	227	0	0	14	0	383
DEL NORTE	0	0	0	0	0	0	0	0	0	55	0	0	0	0	0	0	5
EL DORADO	0	0	0	0	0	3	0	0	0	16	0	212	0	0	6	0	52
FRESNO	3,061	0	26	0	0	4,480	0	0	3,813	1,998	0	70,747	29	13	7,813	0	67,370
GLENN	3	0	0	0	0	8,817	0	0	172	51	0	6,144	0	0	512	0	31,692
HUMBOLDT	0	0	5	0	0	156	0	0	0	40	0	797	0	0	27	0	844
IMPERIAL	2,940	0	266	0	0	235	0	0	20	3	138	35,955	2	0	16,269	359	13,809
INYO	0	0	0	0	0	70	0	7	1	1	0	64	0	0	56	0	5
KERN	1,503	0	15	0	0	1,878	0	231	2,733	214	0	50,205	0	0	2,891	0	21,038
KINGS	4,482	0	19	0	0	2,299	0	0	364	950	52	33,605	0	0	3,167	0	8,827
LAKE	0	0	0	0	0	128	0	0	0	0	80	126	0	0	155	0	124
LASSEN	0	0	50	0	0	528	0	0	0	0	0	53	0	0	149	4	69
LOS ANGELES	0	0	88	0	0	843	0	0	1	15	0	159	0	0	88	0	1,604
MADERA	38	0	55	0	0	2,382	0	0	0	880	112	13,673	0	0	2,022	0	10,274
MARIN	0	0	0	0	0	47	0	0	0	1	0	0	0	0	0	1	17
MARIPOSA	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	27
MENDOCINO	0	0	0	0	0	28	0	3	0	41	0	52	0	0	36	0	226
MERCED	107	0	0	0	0	2,063	0	0	1,427	9	0	17,654	3	68	2,020	0	14,819
MODOC	282	0	0	0	0	590	0	0	0	0	16	464	0	0	49	0	224
MONO	0	0	0	0	0	3	0	0	0	0	0	0	0	0	9	0	0
MONTEREY	0	0	58	1,775	0	2,796	0	10	2,679	327	0	11,993	11	0	967	3	29,921
NAPA	0	0	0	0	0	14	0	0	85	105	0	51	0	0	12	0	292
NEVADA	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	129
ORANGE	0	0	585	0	0	334	0	1	6	27	0	53	24	25	205	0	1,818
PLACER	0	0	0	0	0	156	0	0	7	23	0	129	0	0	121	0	2,143
PLUMAS	0	0	0	0	0	17	0	0	0	0	0	0	0	0	0	0	45
RIVERSIDE	599	0	0	0	0	1,574	0	5	32	262	1	5,567	0	0	1,684	0	8,509
SACRAMENTO	871	1,757	0	0	0	9,676	0	0	70	19,336	160	2,008	0	5	1,861	0	3,103
SAN BENITO	0	0	0	0	0	61	0	0	275	1	0	62	0	0	26	0	2,975
SAN BERNARDINO	0	0	0	0	0	160	0	1	37	119	2	0	0	0	106	0	1,034
SAN DIEGO	0	0	68	0	0	392	0	7	1,714	17,953	42	205	0	4	2,330	0	2,438
SAN FRANCISCO	0	0	0	0	0	121	0	0	0	0	0	13	0	0	1	0	6
SAN JOAQUIN	119,724	0	51	0	0	5,190	0	0	11,332	11,598	1	17,255	492	0	9,443	0	22,053
SAN LUIS OBISPO	0	0	0	0	0	253	9	0	35	59	0	914	7	4	28	0	2,825
SAN MATEO	0	0	7	0	0	92	0	0	2	52	0	0	0	0	179	0	182
SANTA BARBARA	0	0	0	0	0	634	0	0	2	462	25	4,904	7	0	369	0	16,838
SANTA CLARA	0	0	38	0	0	223	0	0	107	46	0	69	0	0	118	0	665
SANTA CRUZ	0	0	8	0	0	301	0	0	3	29	0	35	0	8	31	0	1,178
SHASTA	517	0	0	0	0	6,877	0	0	0	124	13	177	0	0	3,540	0	200
SIERRA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SISKIYOU	282	0	0	0	0	1,237	0	0	0	0	4	435	0	0	350	0	374
SOLANO	2,087	0	0	0	0	5,158	0	0	263	2	32	7,100	1	0	1,107	0	2,853
SONOMA	6	0	6	0	0	186	0	5	128	381	0	175	0	0	47	0	560
STANISLAUS	523	0	2	0	0	5,635	0	0	3,558	459	0	32,660	0	0	1,682	0	23,868
SUTTER	107	0	0	0	0	9,414	0	0	298	126	0	8,125	0	0	2,579	0	32,110
TEHAMA	0	0	24	0	0	1,329	7	0	258	112	0	1,657	0	0	172	0	746
TRINITY	0	0	0	0	0	0	0	0	0	0	0	1	0	0	3	0	1
TULARE	3,311	0	320	12	0	1,886	0	0	1,121	1,050	9	26,101	13	2	3,304	56	13,701
TUOLUMNE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VENTURA	0	0	0	0	0	296	0	5	0	254	0	11,849	0	1	546	0	44,665
YOLO	327	0	0	0	0	4,709	0	2	530	115	100	12,926	8	0	1,774	0	34,381
YUBA	0	0	0	0	0	1,580	1	0	56	114	0	1,597	0	0	602	0	8,690
UNKNOWN	72	0	0	0	0	3,940	0	0	0	98	23	7,063	0	1	437	0	22,628
TOTAL	142,243	1,757	1,691	1,787	0	104,124	65	280	33,113	57,968	967	403,763	597	131	71,574	423	611,613

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COUNTY	DAP	AM PHOS SUL	MONOAM PHOS	PHOS ACID	LIQ AM POLY	NORMAL SUPER	TRIPLE SUPER	OTHER PHOS	MUR OF POTASH	SUL OF POT MAG	POT NIT	POT SUL	OTHER POT
ALAMEDA	1	29	0	6	0	0	2	246	0	16	1	2	82
ALPINE	0	1	0	0	0	0	0	16	0	0	0	2	5
AMADOR	0	0	0	0	0	0	0	67	0	0	0	0	22
BUTTE	114	5,823	2,654	0	3,420	0	12	3,144	3,456	40	113	1,199	1,048
CALAVERAS	0	55	0	0	0	0	0	16	19	0	0	0	5
COLUSA	2,912	9,309	850	644	4,825	0	0	2,457	120	0	5	722	819
CONTRA COSTA	3	50	35	2	0	0	1	262	0	0	4	5	87
DEL NORTE	0	0	0	91	0	0	0	7	0	0	0	0	2
EL DORADO	0	5	0	0	0	0	12	16	5	0	0	1	5
FRESNO	36	110	2,273	1,659	4,288	0	1	9,341	381	303	354	3,326	3,201
GLENN	1,900	6,745	524	0	134	0	14	3,101	1,586	0	49	345	1,034
HUMBOLDT	0	86	18	0	117	0	2	555	19	0	27	0	176
IMPERIAL	0	17	2,598	3,550	4,487	0	0	5,524	0	203	38	377	1,858
INYO	0	4	90	0	0	0	1	8	4	0	2	3	3
KERN	0	370	2,810	770	6,701	10	24	8,237	27	596	776	3,528	2,771
KINGS	0	0	1,050	916	3,909	0	105	890	161	6	32	484	297
LAKE	10	1	16	0	53	0	0	17	5	26	5	42	6
LASSEN	0	57	223	0	0	0	0	63	0	0	0	0	21
LOS ANGELES	0	9	213	0	0	0	12	1,956	0	24	17	371	661
MADERA	0	17	387	149	105	0	125	2,060	29	31	202	286	687
MARIN	0	0	188	0	0	0	0	26	0	0	0	0	9
MARIPOSA	0	0	0	0	0	0	0	36	0	0	0	0	12
MENDOCINO	0	22	1	0	6	0	1	304	4	0	1	41	101
MERCED	0	373	2,691	397	1,347	0	214	5,580	33	39	121	388	1,861
MODOC	0	1,677	219	0	1,537	0	28	23	66	22	0	289	8
MONO	0	0	9	0	0	0	0	0	0	0	0	0	0
MONTEREY	435	64	1,116	3,339	1,063	0	1	9,958	704	9	45	1,284	3,308
NAPA	0	46	33	0	17	0	22	241	0	0	11	49	80
NEVADA	0	12	0	0	0	0	0	60	0	0	0	0	20
ORANGE	0	31	15	0	0	0	38	2,020	8	30	9	17	673
PLACER	0	443	33	0	0	0	1	430	18	0	6	14	143
PLUMAS	0	0	0	0	0	0	0	13	0	0	0	0	4
RIVERSIDE	8	119	1,466	572	5,980	0	1,405	3,641	111	298	199	217	1,226
SACRAMENTO	0	622	853	0	184	0	14	1,319	92	6	6	5,975	451
SAN BENITO	0	0	0	3	18	0	4	2,508	0	0	4	2	836
SAN BERNARDINO	2	17	236	0	0	0	22	713	0	0	8	163	238
SAN DIEGO	112	94	30	150	0	0	159	2,520	19	72	107	1,090	840
SAN FRANCISCO	0	83	0	0	99	0	0	10	0	0	0	73	3
SAN JOAQUIN	0	483	407	14	2,393	0	0	8,164	4,347	1,140	5,381	497	2,734
SAN LUIS OBISPO	0	25	3	6	82	55	3	307	3	2	31	65	109
SAN MATEO	63	27	26	9	0	3	40	258	22	4	25	109	92
SANTA BARBARA	0	6	585	11	265	0	11	2,754	5	27	139	176	930
SANTA CLARA	1	8	11	0	0	0	4	823	1	6	3	7	306
SANTA CRUZ	0	0	0	163	132	1	17	733	3	2	25	1	244
SHASTA	0	928	617	0	0	0	1	189	107	31	1	187	63
SIERRA	0	0	0	0	0	0	0	0	0	0	0	0	0
SISKIYOU	0	4,658	1,056	0	227	0	28	101	65	22	0	284	34
SOLANO	0	4,639	1,602	28	2,647	0	2	3,194	72	0	14	65	1,065
SONOMA	21	92	19	1	122	5	23	400	65	0	132	195	133
STANISLAUS	3	826	1,700	284	4,752	0	0	6,790	1,367	107	100	1,820	2,263
SUTTER	339	5,759	3,018	26	2,387	0	0	1,022	626	58	307	258	341
TEHAMA	0	255	8	0	21	0	0	444	0	0	42	103	148
TRINITY	0	0	0	0	0	0	0	2	0	0	0	0	1
TULARE	0	0	1,803	764	2,032	0	30	4,856	652	215	769	592	1,669
TUOLUMNE	0	0	0	0	0	0	0	1	0	0	0	0	0
VENTURA	0	811	404	72	689	0	131	4,173	133	22	237	223	1,391
YOLO	56	2,013	562	0	5,594	0	12	2,025	121	0	20	7	675
YUBA	85	1,480	220	0	184	0	0	386	774	0	68	10	129
UNKNOWN	168	985	713	0	252	0	18	6,157	102	0	99	117	2,052
TOTAL	6,269	49,286	33,385	13,626	60,069	74	2,540	110,153	15,332	3,357	9,535	25,011	36,980

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COUNTY	COPPER	IRON	GYPSUM	LIME	SEWAGE SLUDGE	SULFUR	SULFURIC ACID	OTHER SEC MIC	ALL OTHER
ALAMEDA	0	1	32	1	0	23	0	12	250
ALPINE	0	0	0	0	0	0	0	0	0
AMADOR	0	0	12	0	0	0	0	1	1
BUTTE	0	0	848	660	0	223	0	1,036	536
CALAVERAS	0	0	254	109	0	0	0	0	1
COLUSA	6	0	2,005	5,986	0	901	0	3,169	1,220
CONTRA COSTA	0	0	951	107	0	0	0	6	7
DEL NORTE	0	0	1	9	0	0	0	0	0
EL DORADO	0	0	0	14	0	0	0	3	0
FRESNO	10	97	86,414	18,121	0	4,033	0	9,098	19,261
GLENN	0	0	1,065	2,069	0	139	3	656	212
HUMBOLDT	14	36	26	15	0	4	0	11	15
IMPERIAL	0	0	2,306	11,139	0	91	0	127	1,023
INYO	0	0	14	1	0	9	0	134	0
KERN	17	27	210,976	8,592	0	7,900	79	23,469	3,480
KINGS	0	0	13,932	24	55,000	156	0	1,332	18,684
LAKE	0	0	321	0	0	56	0	42	3
LASSEN	0	0	392	0	0	37	0	0	0
LOS ANGELES	0	1	942	0	6,911	1	0	473	15
MADERA	8	0	4,243	2,062	25	53	0	858	1,327
MARIN	0	0	0	25	0	75	0	22	0
MARIPOSA	0	0	0	0	0	0	0	0	7
MENDOCINO	0	0	179	1,127	0	78	0	2,032	29
MERCED	6	4	8,087	1,971	74	1,494	0	487	1,330
MODOC	1	0	785	0	0	293	0	2	33
MONO	0	0	0	0	0	0	0	1	0
MONTEREY	1	2	294	275	0	1	0	139	911
NAPA	0	1	1,335	1,090	0	38	0	896	385
NEVADA	0	0	3	4	0	0	0	25	1
ORANGE	0	6	2,058	67	2,836	63	0	120	73
PLACER	1	2	34	12	0	21	0	17	9
PLUMAS	0	0	0	0	0	0	0	0	0
RIVERSIDE	7	27	3,398	20	6,564	13	0	384	6,704
SACRAMENTO	8	26	1,818	1,458	2,518	43	0	5,858	49
SAN BENITO	0	3	179	6	0	0	0	35	7
SAN BERNARDINO	0	270	958	31	27,985	20	0	168	1
SAN DIEGO	3	56	1,688	52	3,128	9	0	433	58
SAN FRANCISCO	0	0	100	0	0	0	0	1	19
SAN JOAQUIN	1	111	5,942	6,520	522	6,226	0	963	2,012
SAN LUIS OBISPO	16	8	267	48,265	0	41	0	186	146
SAN MATEO	0	18	37	162	0	32	0	46	2
SANTA BARBARA	1	7	10,792	7,285	319	74	0	196	888
SANTA CLARA	0	1	535	936	0	4	0	130	202
SANTA CRUZ	0	5	32	20	0	0	0	199	52
SHASTA	0	0	1,737	7,437	0	186	19	23	2
SIERRA	0	0	7	0	0	6	0	0	0
SISKIYOU	9	0	2,598	2	0	471	0	84	39
SOLANO	0	11	60	41	0	8	0	415	25
SONOMA	0	13	1,599	1,471	0	41	0	434	228
STANISLAUS	1	10	4,917	2,976	0	2,540	0	1,017	4,239
SUTTER	82	0	1,004	206	0	54	520	104	309
TEHAMA	0	0	57	4,483	0	8	0	146	77
TRINITY	0	0	0	0	0	0	0	0	0
TULARE	16	43	37,419	777	0	3,988	0	2,307	6,875
TUOLUMNE	0	0	0	0	0	0	0	0	0
VENTURA	0	18	364	1	1,148	37	0	337	991
YOLO	36	4	847	30	0	100	0	12,904	263
YUBA	25	0	595	333	0	8	0	4	10
UNKNOWN	0	3	2,507	2,175	0	207	0	636	633
TOTAL	269	811	416,966	138,167	107,030	29,805	621	71,178	72,644

STATE OF CALIFORNIA – DEPARTMENT OF FOOD AND AGRICULTURE
TONNAGE REPORT OF COMMERCIAL FERTILIZERS AND AGRICULTURAL MINERALS
January - June 2009

TONS OF MATERIALS BY USE

COUNTY	FARM DRY BAG	FARM DRY BULK	FARM LIQUID	FARM TOTAL	AG MIN DRY BAG	AG MIN DRY BULK	AG MIN LIQUID	AG MIN TOTAL	NONFARM DRY BAG	NONFARM DRY BULK	NONFARM LIQUID	NONFARM TOTAL	TOTAL ALL
ALAMEDA	528	64	110	702	66	3	250	319	3,064	12	142	3,218	4,239
ALPINE	5	31	0	36	0	0	0	0	1	0	0	1	37
AMADOR	18	167	99	284	0	13	1	14	148	0	1	149	447
BUTTE	855	26,661	49,712	77,228	383	2,384	536	3,303	553	1,069	123	1,745	82,276
CALAVERAS	2	77	197	276	254	109	1	364	38	0	7	45	685
COLUSA	1,775	24,854	140,098	166,727	961	11,106	1,220	13,287	59	0	2	61	180,075
CONTRA COSTA	337	166	1,411	1,914	41	1,023	7	1,071	2,479	44	70	2,593	5,578
DEL NORTE	65	0	95	160	10	0	0	10	106	0	5	111	281
EL DORADO	65	8	260	333	17	0	0	17	376	0	12	388	738
FRESNO	8,262	22,836	153,525	184,623	6,725	111,048	19,261	137,034	2,123	263	107	2,493	324,150
GLENN	1,217	22,998	38,608	62,823	189	3,743	212	4,144	13	0	6	19	66,986
HUMBOLDT	1,125	216	1,528	2,869	78	28	15	121	1,023	0	96	1,119	4,109
IMPERIAL	4,545	21,280	62,823	88,648	1,183	12,480	1,023	14,686	220	0	720	940	104,274
INYO	38	216	64	318	96	62	0	158	45	0	0	45	521
KERN	12,501	14,351	80,476	107,328	7,814	243,246	3,480	254,540	2,104	167	29	2,300	364,168
KINGS	1,808	7,165	52,641	61,614	100	70,344	18,684	89,128	314	1	3	318	151,060
LAKE	195	219	380	794	89	330	3	422	81	0	2	83	1,299
LASSEN	123	987	107	1,217	12	417	0	429	1	0	0	1	1,647
LOS ANGELES	4,780	629	652	6,061	922	7,406	15	8,343	14,724	35	586	15,345	29,749
MADERA	2,069	5,427	26,018	33,514	1,028	6,221	1,327	8,576	262	23	93	378	42,468
MARIN	79	210	0	289	97	25	0	122	517	0	29	546	957
MARIPOSA	0	0	83	83	0	0	7	7	0	0	0	0	90
MENDOCINO	652	92	123	867	2,134	1,282	29	3,445	1,166	87	110	1,363	5,675
MERCED	2,197	12,169	36,847	51,213	1,139	10,984	1,330	13,453	753	544	2	1,299	65,965
MODOC	9	2,957	2,528	5,494	2	1,079	33	1,114	10	0	0	10	6,618
MONO	0	21	0	21	1	0	0	1	22	0	0	22	44
MONTEREY	1,594	21,972	48,299	71,865	284	428	911	1,623	641	2,229	2	2,872	76,360
NAPA	471	224	363	1,058	175	3,185	385	3,745	211	0	3	214	5,017
NEVADA	77	0	147	224	32	0	1	33	233	7	26	266	523
ORANGE	4,546	48	1,325	5,919	688	4,462	73	5,223	7,090	1,401	582	9,073	20,215
PLACER	799	698	2,170	3,667	60	27	9	96	3,331	3	42	3,376	7,139
PLUMAS	5	34	40	79	0	0	0	0	6	0	0	6	85
RIVERSIDE	9,207	4,166	20,102	33,475	965	9,448	6,704	17,117	6,752	61	314	7,127	57,719
SACRAMENTO	2,077	40,709	5,583	48,369	556	11,173	49	11,778	5,718	69	248	6,035	66,182
SAN BENITO	3,838	1,266	1,671	6,775	63	160	7	230	480	0	0	480	7,485
SAN BERNARDINO	1,727	514	617	2,858	678	28,754	1	29,433	7,944	12	216	8,172	40,463
SAN DIEGO	25,834	3,211	1,300	30,345	1,743	3,626	58	5,427	7,655	112	136	7,903	43,675
SAN FRANCISCO	77	205	127	409	49	52	19	120	171	0	137	308	837
SAN JOAQUIN	26,150	33,564	162,985	222,699	5,545	14,740	2,012	22,297	3,878	4,347	175	8,400	253,396
SAN LUIS OBISPO	728	215	3,882	4,825	309	48,474	146	48,929	435	0	5	440	54,194
SAN MATEO	1,103	51	38	1,192	294	1	2	297	1,785	363	13	2,161	3,650
SANTA BARBARA	3,928	1,615	22,607	28,150	226	18,448	888	19,562	19,652	66	28	19,746	67,458
SANTA CLARA	1,793	418	225	2,436	327	1,279	202	1,808	4,321	180	77	4,578	8,822
SANTA CRUZ	675	1,037	1,202	2,914	256	0	52	308	704	121	37	862	4,084
SHASTA	440	12,230	901	13,571	413	8,989	2	9,404	593	0	9	602	23,577
SIERRA	0	0	0	0	13	0	0	13	0	0	0	0	13
SISKIYOU	12	7,700	1,444	9,156	28	3,136	39	3,203	19	397	0	416	12,775
SOLANO	220	13,114	18,596	31,930	127	408	25	560	2,997	27	43	3,067	35,557
SONOMA	1,269	539	894	2,702	345	3,213	228	3,786	1,404	0	402	1,806	8,294
STANISLAUS	2,411	21,948	64,040	88,399	1,702	9,759	4,239	15,700	1,321	870	114	2,305	106,404
SUTTER	751	22,585	43,564	66,900	398	1,572	309	2,279	300	55	2	357	69,536
TEHAMA	348	2,532	2,446	5,326	55	4,639	77	4,771	3,678	0	58	3,736	13,833
TRINITY	0	3	4	7	0	0	0	0	0	0	1	1	8
TULARE	5,722	9,798	48,747	64,267	3,468	41,082	6,875	51,425	6,683	2,130	154	8,967	124,659
TUOLUMNE	0	0	1	1	0	0	0	0	58	0	0	58	59
VENTURA	2,913	4,100	58,889	65,902	349	1,556	991	2,896	2,078	714	22	2,814	71,612
YOLO	271	12,815	52,871	65,957	358	13,563	263	14,184	2,961	5	33	2,999	83,140
YUBA	123	5,355	10,497	15,975	30	935	10	975	62	103	0	165	17,115
UNKNOWN	10,066	6,333	28,526	44,925	1,035	4,493	633	6,161	17,503	60	121,101	138,664	189,750
TOTAL	152,425	392,800	1,252,488	1,797,713	43,912	720,935	72,644	837,491	140,866	15,577	126,125	282,568	2,917,772

STATE OF CALIFORNIA - DEPARTMENT OF FOOD AND AGRICULTURE
TONNAGE REPORT OF COMMERCIAL FERTILIZERS AND AGRICULTURAL MINERALS
January - June 2009

TONS OF NUTRIENTS BY FORM

COUNTY	ALL N	ALL P2O5	ALL K2O	ALL TOTAL	DRY N	DRY P2O5	DRY K2O	DRY TOTAL	LIQUID N	LIQUID P2O5	LIQUID K2O	LIQUID TOTAL
ALAMEDA	105	99	34	238	80	93	34	207	26	5	1	32
ALPINE	4	6	3	13	4	6	3	13	0	0	0	0
AMADOR	67	24	8	99	37	23	8	68	29	1	0	31
BUTTE	14,835	4,897	3,109	22,841	4,392	3,298	2,963	10,654	10,443	1,599	146	12,188
CALAVERAS	47	17	13	77	10	11	11	33	36	6	2	44
COLUSA	33,361	6,516	730	40,606	4,566	4,122	595	9,283	28,794	2,394	135	31,324
CONTRA COSTA	840	125	36	1,001	72	88	23	183	768	38	12	818
DEL NORTE	10	52	1	63	10	2	1	12	0	50	0	51
EL DORADO	87	12	5	104	10	11	5	26	77	1	0	79
FRESNO	45,048	6,949	3,278	55,275	6,799	2,613	1,772	11,183	38,250	4,336	1,506	44,092
GLENN	12,253	3,664	1,518	17,434	4,026	3,130	1,362	8,518	8,227	534	156	8,917
HUMBOLDT	563	271	87	921	188	201	81	470	375	71	6	452
IMPERIAL	25,571	6,745	901	33,217	8,632	2,327	581	11,540	16,940	4,417	320	21,677
INYO	75	51	6	131	54	51	6	111	20	0	0	20
KERN	25,301	7,208	3,247	35,756	4,024	3,472	2,899	10,395	21,277	3,736	348	25,361
KINGS	22,013	3,838	1,011	26,862	5,641	1,738	892	8,271	16,372	2,100	119	18,591
LAKE	192	37	34	263	106	18	33	157	86	19	0	106
LASSEN	268	150	8	425	243	145	6	394	25	5	2	31
LOS ANGELES	1,275	961	506	2,742	1,143	923	493	2,560	132	37	13	182
MADERA	8,143	1,120	504	9,767	1,813	437	314	2,564	6,331	683	190	7,203
MARIN	37	107	3	147	37	107	3	147	0	0	0	0
MARIPOSA	12	13	4	29	0	0	0	0	12	13	4	29
MENDOCINO	127	117	60	304	101	107	57	265	26	9	3	38
MERCED	11,023	4,255	946	16,224	2,609	2,474	534	5,617	8,414	1,781	412	10,607
MODOC	1,009	993	192	2,194	442	467	191	1,099	567	526	1	1,095
MONO	6	5	0	10	6	5	0	10	0	0	0	0
MONTEREY	12,835	6,545	2,277	21,657	3,481	2,828	1,769	8,078	9,354	3,717	508	13,580
NAPA	150	129	58	337	90	94	48	233	60	35	10	105
NEVADA	35	24	7	67	10	14	4	27	26	10	3	40
ORANGE	1,150	815	295	2,260	948	671	247	1,866	201	144	48	393
PLACER	684	261	72	1,017	243	225	70	538	441	36	2	479
PLUMAS	14	5	2	20	6	4	1	11	8	1	0	8
RIVERSIDE	6,595	5,333	836	12,764	2,475	2,754	760	5,989	4,120	2,579	76	6,775
SACRAMENTO	8,884	1,163	3,235	13,282	7,032	1,038	3,214	11,285	1,852	124	21	1,997
SAN BENITO	947	913	304	2,164	640	854	287	1,780	307	59	17	383
SAN BERNARDINO	2,084	954	450	3,488	1,981	943	447	3,372	102	10	3	116
SAN DIEGO	5,401	1,210	953	7,563	5,173	1,098	943	7,214	228	111	10	349
SAN FRANCISCO	55	54	38	147	40	17	37	94	16	36	1	53
SAN JOAQUIN	119,261	4,079	6,467	129,807	11,354	2,012	6,012	19,378	107,907	2,067	455	110,429
SAN LUIS OBISPO	938	162	88	1,187	144	82	75	301	793	80	13	887
SAN MATEO	199	165	112	476	195	155	110	460	3	10	2	15
SANTA BARBARA	5,632	1,405	494	7,531	856	874	350	2,080	4,776	531	145	5,452
SANTA CLARA	391	309	121	821	348	294	116	758	43	15	5	63
SANTA CRUZ	413	405	102	920	245	239	91	575	168	165	11	344
SHASTA	3,853	575	188	4,615	3,340	553	180	4,073	513	22	7	542
SIERRA	0	0	0	0	0	0	0	0	0	0	0	0
SISKIYOU	1,740	1,607	198	3,545	1,284	1,496	187	2,966	457	111	11	579
SOLANO	7,699	3,827	465	11,991	2,607	1,835	106	4,549	5,092	1,991	359	7,442
SONOMA	403	235	243	881	245	140	225	610	157	95	18	270
STANISLAUS	19,510	5,264	2,613	27,387	3,832	2,344	2,184	8,360	15,678	2,920	429	19,026
SUTTER	14,011	4,071	775	18,857	4,613	2,954	753	8,321	9,398	1,116	22	10,536
TEHAMA	1,198	222	123	1,543	545	158	104	807	653	64	19	736
TRINITY	2	1	0	3	1	0	0	1	1	1	0	1
TULARE	16,928	3,803	1,656	22,387	3,153	1,617	1,288	6,058	13,775	2,186	368	16,329
TUOLUMNE	0	0	0	0	0	0	0	0	0	0	0	0
VENTURA	12,685	2,234	813	15,732	1,105	1,170	549	2,824	11,580	1,064	264	12,908
YOLO	14,292	3,357	328	17,977	2,691	1,294	274	4,259	11,601	2,063	54	13,717
YUBA	3,226	651	546	4,423	979	536	531	2,047	2,247	114	14	2,376
UNKNOWN	8,592	2,955	902	12,449	2,491	2,403	747	5,641	6,101	552	156	6,808
TOTAL	472,081	100,960	41,000	614,042	107,194	56,565	34,575	198,334	364,887	44,395	6,426	415,707

FERTILIZING MATERIALS

TONNAGE REPORT

JULY - DECEMBER 2009

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

SACRAMENTO, CALIFORNIA 95814

cdfa CALIFORNIA DEPARTMENT OF FOOD & AGRICULTURE
Karen Ross, Secretary

FOREWORD

This publication summarizes State and County tonnage sales/distributions of commercial fertilizers, specialty fertilizers and agricultural minerals, 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 the Food and Agricultural Code.

Licensees are required to report, semi-annually, the tonnage of commercial fertilizers, specialty fertilizers and/or agricultural minerals sold/distributed in California, as defined in the Fertilizing Materials Law, Sections 14512, 14522 and 14563. The tonnage of farm-use materials is to be reported by the last licensee selling/distributing to unlicensed purchasers. The tonnage of specialty or non-farm packaged materials is to be reported by the licensee whose name appears on the label as the manufacturer or label guarantor.

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,

Asif A. Maan, Ph.D.,
Environmental Program Manager II

STATE OF CALIFORNIA - DEPARTMENT OF FOOD AND AGRICULTURE
TONNAGE REPORT OF COMMERCIAL FERTILIZERS AND AGRICULTURAL MINERALS
JANUARY 2008 - DECEMBER 2009
TOTAL TONS OF MATERIALS REPORTED FOR THE PERIOD INDICATED

CODE	MATERIAL NAME	JAN-JUNE 2008	JAN-JUNE 2009	JULY-DEC 2008	JULY-DEC 2009	JAN-DEC 2008	JAN-DEC 2009
0	N-P-K GRADES	0	0	0	473,980	0	473,980
0	IDENTIFIED BY GRADE	642,510	220,780	169,263	281,799	811,773	502,579
2	ANHYDROUS AMMONIA	292,219	142,243	106,009	87,297	398,228	229,540
6	AQUA AMMONIA	0	1,757	37,169	34,997	37,169	36,754
10	AMMONIUM NITRATE	3,120	1,691	2,397	1,249	5,517	2,940
12	AMMONIUM NITRATE SOLUTION	0	1,787	23,241	49,943	23,241	51,730
20	AMMONIUM POLYSULFIDE	0	0	375	3,389	375	3,389
24	AMMONIUM SULFATE	130,461	104,124	59,958	61,790	190,419	165,914
29	AMMONIUM SULFATE-UREA	0	11	0	0	0	11
31	AMMONIUM THIOSULFATE	0	65	6,041	4,910	6,041	4,975
35	CALCIUM AMMONIUM NITRATE	3,135	33,113	76,925	128,067	80,060	161,180
43	CALCIUM NITRATE	35,479	57,968	25,239	36,137	60,718	94,105
56	NITROGEN SOLUTION <28%	583,627	736,296	20	0	583,647	736,296
58	NITROGEN SOLUTION 28%	29,855	967	673	309	30,528	1,276
59	NITROGEN SOLUTION 30%	0	428	221	0	221	428
60	NITROGEN SOLUTION 32%	383,106	403,479	103,548	209,420	486,654	612,899
62	SODIUM NITRATE	1,063	597	989	470	2,052	1,067
64	SULFUR COATED UREA	402	131	241	10	643	141
66	UREA	103,029	71,574	34,003	44,908	137,032	116,482
67	UREA SOLUTION	0	423	830	1,328	830	1,751
203	DIAMMONIUM PHOSPHATE	4,331	6,269	1,325	1,486	5,656	7,755
207	AMMONIUM PHOSPHATE SULFATE	41,151	49,286	6,978	10,433	48,129	59,719
209	MONOAMMONIUM PHOSPHATE	32,250	33,385	35,779	74,282	68,029	107,667
248	PHOSPHORIC ACID	4,610	13,626	786	5,178	5,396	18,804
249	LIQUID AMMONIUM POLYPHOSPHATE	82,068	60,069	19,180	28,108	101,248	88,177
263	SUPERPHOSPHATE, NORMAL	26	74	10	100	36	174
267	SUPERPHOSPHATE, TRIPLE	2,594	2,540	368	599	2,962	3,139
428	MURIATE OF POTASH 60% (POT. CHLORID	16,427	15,332	12,114	15,410	28,541	30,742
443	POTASSIUM-MAGNESIUM SULFATE	5,976	3,357	4,344	6,141	10,320	9,498
453	POTASSIUM NITRATE	9,960	9,535	4,706	4,728	14,666	14,263
463	POTASSIUM SULFATE	59,721	25,011	47,985	33,999	107,706	59,010
601	BLOOD, DRIED	586	280	140	72	726	352
667	SEWAGE SLUDGE, OTHER	28,569	107,030	24,119	3,234	52,688	110,264
723	COPPER COMPOUND	201	269	237	210,289	438	210,558
731	IRON COMPOUND	10,566	811	832	1,195	11,398	2,006
732	GYPSUM (CALCIUM SULFATE)	399,164	416,966	559,862	720,808	959,026	1,137,774
770	SULFUR	43,055	29,805	28,138	61,637	71,193	91,442
774	SULFURIC ACID	0	621	17,749	36,668	17,749	37,289
797	SEC./MICRONUT. - CODE UNKNOWN	38,469	71,178	98,724	602,336	137,193	673,514
907	LIME PRODUCT - CODE UNKNOWN	167,600	138,167	260,414	287,241	428,014	425,408
990	SPECIALITY - CODE/GRADE UNKNOWN	0	156,443	83,843	0	83,843	156,443
0	LESS THAN 10 TONS	567	0	111	0	678	0
0	TOTAL	3,155,896	2,917,488	1,854,886	3,523,947	5,010,782	6,441,435

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CODE	MATERIAL NAME	JAN-JUNE 08 N	JAN-JUNE 08 P2O5	JAN-JUNE 08 K2O	JAN-JUNE 09 N	JAN-JUNE 09 P2O5	JAN-JUNE 09 K2O
0	N-P-K GRADES	0	0	0	0	0	0
0	IDENTIFIED BY GRADE	70,102	67,724	28,849	26,497	39,637	13,291
2	ANHYDROUS AMMONIA	239,620	0	0	116,639	0	0
6	AQUA AMMONIA	0	0	0	360	0	0
10	AMMONIUM NITRATE	1,061	0	0	575	0	0
12	AMMONIUM NITRATE SOLUTION	0	0	0	357	0	0
20	AMMONIUM POLYSULFIDE	0	0	0	0	0	0
24	AMMONIUM SULFATE	27,397	0	0	21,866	0	0
29	AMMONIUM SULFATE-UREA	0	0	0	4	0	0
31	AMMONIUM THIOSULFATE	0	0	0	8	0	0
35	CALCIUM AMMONIUM NITRATE	533	0	0	5,629	0	0
43	CALCIUM NITRATE	5,499	0	0	8,985	0	0
56	NITROGEN SOLUTION <28%	102,507	0	0	102,936	0	0
58	NITROGEN SOLUTION 28%	8,359	0	0	271	0	0
59	NITROGEN SOLUTION 30%	0	0	0	128	0	0
60	NITROGEN SOLUTION 32%	122,594	0	0	129,113	0	0
62	SODIUM NITRATE	170	0	0	96	0	0
64	SULFUR COATED UREA	145	0	0	47	0	0
66	UREA	47,393	0	0	32,924	0	0
67	UREA SOLUTION	0	0	0	85	0	0
203	DIAMMONIUM PHOSPHATE	780	1,992	0	1,128	2,884	0
207	AMMONIUM PHOSPHATE SULFATE	6,584	8,230	0	7,886	9,857	0
209	MONOAMMONIUM PHOSPHATE	3,548	16,770	0	3,672	17,360	0
248	PHOSPHORIC ACID	0	2,488	0	0	7,358	0
249	LIQUID AMMONIUM POLYPHOSPHATE	8,207	27,903	0	6,007	20,423	0
263	SUPERPHOSPHATE, NORMAL	0	6	0	0	16	0
267	SUPERPHOSPHATE, TRIPLE	0	1,193	0	0	1,284	0
428	MURIATE OF POTASH 60% (POT. CHLORID	0	0	9,856	0	0	9,199
443	POTASSIUM-MAGNESIUM SULFATE	0	0	1,315	0	0	739
453	POTASSIUM NITRATE	1,394	0	4,382	1,335	0	4,195
463	POTASSIUM SULFATE	0	0	29,861	0	0	12,506
601	BLOOD, DRIED	70	0	0	34	0	0
667	SEWAGE SLUDGE, OTHER	1,714	571	286	6,422	2,141	1,070
723	COPPER COMPOUND	0	0	0	0	0	0
731	IRON COMPOUND	0	0	0	0	0	0
732	GYPSUM (CALCIUM SULFATE)	0	0	0	0	0	0
770	SULFUR	0	0	0	0	0	0
774	SULFURIC ACID	0	0	0	0	0	0
797	SEC./MICRONUT. - CODE UNKNOWN	0	0	0	0	0	0
907	LIME PRODUCT - CODE UNKNOWN	0	0	0	0	0	0
990	SPECIALITY - CODE/GRADE UNKNOWN	0	0	0	0	0	0
0	LESS THAN 10 TONS	0	0	262	0	0	0
0	TOTAL	647,676	126,878	74,810	473,004	100,960	41,000

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CODE	MATERIAL NAME	JULY-DEC 08 N	JULY-DEC 08 P2O5	JULY-DEC 08 K2O	JULY-DEC 09 N	JULY-DEC 09 P2O5	JULY-DEC 09 K2O
0	N-P-K GRADES	0	0	0	0	0	0
0	IDENTIFIED BY GRADE	18,747	16,719	12,562	33,252	29,871	22,544
2	ANHYDROUS AMMONIA	86,927	0	0	71,584	0	0
6	AQUA AMMONIA	7,620	0	0	6,999	0	0
10	AMMONIUM NITRATE	815	0	0	425	0	0
12	AMMONIUM NITRATE SOLUTION	4,648	0	0	9,989	0	0
20	AMMONIUM POLYSULFIDE	75	0	0	678	0	0
24	AMMONIUM SULFATE	12,591	0	0	12,976	0	0
29	AMMONIUM SULFATE-UREA	0	0	0	0	0	0
31	AMMONIUM THIOSULFATE	725	0	0	589	0	0
35	CALCIUM AMMONIUM NITRATE	13,077	0	0	21,771	0	0
43	CALCIUM NITRATE	3,912	0	0	5,421	0	0
56	NITROGEN SOLUTION <28%	4	0	0	0	0	0
58	NITROGEN SOLUTION 28%	188	0	0	87	0	0
59	NITROGEN SOLUTION 30%	66	0	0	0	0	0
60	NITROGEN SOLUTION 32%	33,135	0	0	67,014	0	0
62	SODIUM NITRATE	158	0	0	75	0	0
64	SULFUR COATED UREA	87	0	0	4	0	0
66	UREA	15,641	0	0	20,658	0	0
67	UREA SOLUTION	166	0	0	266	0	0
203	DIAMMONIUM PHOSPHATE	239	610	0	267	684	0
207	AMMONIUM PHOSPHATE SULFATE	1,116	1,396	0	1,669	2,087	0
209	MONOAMMONIUM PHOSPHATE	3,936	18,605	0	8,171	38,627	0
248	PHOSPHORIC ACID	0	424	0	0	2,796	0
249	LIQUID AMMONIUM POLYPHOSPHATE	1,918	6,521	0	2,811	9,557	0
263	SUPERPHOSPHATE, NORMAL	0	2	0	0	22	0
267	SUPERPHOSPHATE, TRIPLE	0	169	0	0	276	0
428	MURIATE OF POTASH 60% (POT. CHLORID	0	0	7,268	0	0	9,246
443	POTASSIUM-MAGNESIUM SULFATE	0	0	956	0	0	1,351
453	POTASSIUM NITRATE	659	0	2,071	662	0	2,080
463	POTASSIUM SULFATE	0	0	23,993	0	0	17,000
601	BLOOD, DRIED	17	0	0	9	0	0
667	SEWAGE SLUDGE, OTHER	1,447	482	241	194	65	32
723	COPPER COMPOUND	0	0	0	0	0	0
731	IRON COMPOUND	0	0	0	0	0	0
732	GYPSUM (CALCIUM SULFATE)	0	0	0	0	0	0
770	SULFUR	0	0	0	0	0	0
774	SULFURIC ACID	0	0	0	0	0	0
797	SEC./MICRONUT. - CODE UNKNOWN	0	0	0	0	0	0
907	LIME PRODUCT - CODE UNKNOWN	0	0	0	0	0	0
990	SPECIALITY - CODE/GRADE UNKNOWN	0	0	0	0	0	0
0	LESS THAN 10 TONS	108	0	0	0	0	0
0	TOTAL	208,023	44,928	47,090	265,569	83,983	52,253

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CODE	MATERIAL NAME	JAN-DEC 08 N	JAN-DEC 08 P2O5	JAN-DEC 08 K2O	JAN-DEC 09 N	JAN-DEC 09 P2O5	JAN-DEC 09 K2O
0	N-P-K GRADES	0	0	0	0	0	0
0	IDENTIFIED BY GRADE	88,848	84,443	41,411	59,749	69,507	35,835
2	ANHYDROUS AMMONIA	326,547	0	0	188,223	0	0
6	AQUA AMMONIA	7,620	0	0	7,360	0	0
10	AMMONIUM NITRATE	1,876	0	0	1,000	0	0
12	AMMONIUM NITRATE SOLUTION	4,648	0	0	10,346	0	0
20	AMMONIUM POLYSULFIDE	75	0	0	678	0	0
24	AMMONIUM SULFATE	39,988	0	0	34,842	0	0
29	AMMONIUM SULFATE-UREA	0	0	0	4	0	0
31	AMMONIUM THIOSULFATE	725	0	0	597	0	0
35	CALCIUM AMMONIUM NITRATE	13,610	0	0	27,401	0	0
43	CALCIUM NITRATE	9,411	0	0	14,406	0	0
56	NITROGEN SOLUTION <28%	102,511	0	0	102,936	0	0
58	NITROGEN SOLUTION 28%	8,548	0	0	357	0	0
59	NITROGEN SOLUTION 30%	66	0	0	128	0	0
60	NITROGEN SOLUTION 32%	155,729	0	0	196,128	0	0
62	SODIUM NITRATE	328	0	0	171	0	0
64	SULFUR COATED UREA	231	0	0	51	0	0
66	UREA	63,035	0	0	53,582	0	0
67	UREA SOLUTION	166	0	0	350	0	0
203	DIAMMONIUM PHOSPHATE	1,018	2,602	0	1,396	3,567	0
207	AMMONIUM PHOSPHATE SULFATE	7,701	9,626	0	9,555	11,944	0
209	MONOAMMONIUM PHOSPHATE	7,483	35,375	0	11,843	55,987	0
248	PHOSPHORIC ACID	0	2,913	0	0	10,154	0
249	LIQUID AMMONIUM POLYPHOSPHATE	10,125	34,424	0	8,818	29,980	0
263	SUPERPHOSPHATE, NORMAL	0	8	0	0	38	0
267	SUPERPHOSPHATE, TRIPLE	0	1,363	0	0	1,560	0
428	MURIATE OF POTASH 60% (POT. CHLORID	0	0	17,125	0	0	18,445
443	POTASSIUM-MAGNESIUM SULFATE	0	0	2,270	0	0	2,090
453	POTASSIUM NITRATE	2,053	0	6,453	1,997	0	6,276
463	POTASSIUM SULFATE	0	0	53,853	0	0	29,505
601	BLOOD, DRIED	87	0	0	42	0	0
667	SEWAGE SLUDGE, OTHER	3,161	1,054	527	6,616	2,205	1,103
723	COPPER COMPOUND	0	0	0	0	0	0
731	IRON COMPOUND	0	0	0	0	0	0
732	GYPSUM (CALCIUM SULFATE)	0	0	0	0	0	0
770	SULFUR	0	0	0	0	0	0
774	SULFURIC ACID	0	0	0	0	0	0
797	SEC./MICRONUT. - CODE UNKNOWN	0	0	0	0	0	0
907	LIME PRODUCT - CODE UNKNOWN	0	0	0	0	0	0
990	SPECIALITY - CODE/GRADE UNKNOWN	0	0	0	0	0	0
0	LESS THAN 10 TONS	108	0	262	0	0	0
0	TOTAL	855,699	171,806	121,900	738,573	184,943	93,253

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COUNTY	ANHY AMM	AQUA AMM	AMM NITR	AMM NIT SOL	AMPOLY	AMM SUL	AMM THIO	BLOOD MEAL	CAL AMM NIT	CAL NIT	NSOL 28%	NSOL 32%	SOD NIT	SCU	UREA	UREA SOL	OTHER N
ALAMEDA	0	0	0	0	0	39	0	0	0	0	0	408	0	0	0	0	156
AMADOR	0	0	0	0	0	5	0	0	0	0	0	0	0	0	55	0	9
BUTTE	0	824	0	0	0	8,008	2	0	422	81	59	942	0	0	345	0	406
CALAVERAS	0	0	0	0	0	37	0	0	0	0	0	7	0	0	4	0	9
COLUSA	429	10,928	0	0	0	8,392	0	0	1,288	33	0	4,444	0	0	319	0	532
CONTRA COSTA	912	0	3	0	0	71	0	0	52	4	0	470	0	0	50	0	257
DEL NORTE	0	0	0	0	0	1	0	0	0	5	0	0	0	0	0	0	92
EL DORADO	0	0	0	0	0	8	0	0	0	14	0	27	0	0	5	0	12
FRESNO	1,187	122	106	971	12	1,476	553	38	11,226	680	31	30,739	0	0	3,131	282	10,825
GLENN	0	1,455	0	0	0	2,371	0	0	193	97	0	1,186	0	0	176	3	1,085
HUMBOLDT	0	0	0	0	0	427	0	0	0	152	0	0	0	0	3	0	245
IMPERIAL	1,482	0	0	8,073	625	239	0	0	4,037	12	0	22,959	82	0	21,264	5	4,111
INYO	0	0	0	0	0	23	0	4	21	2	0	20	0	0	21	3	9
KERN	2,481	197	0	455	48	1,552	1,166	0	5,531	132	0	20,865	0	0	1,427	102	7,879
KINGS	4,362	184	0	167	0	477	119	3	3,747	584	24	16,305	0	0	1,017	6	1,676
LAKE	0	0	0	0	0	23	0	0	72	22	0	110	0	0	120	0	0
LASSEN	0	0	99	0	0	3	0	0	0	0	0	77	0	0	68	0	4
LOS ANGELES	0	178	109	52	0	405	8	0	59	34	0	60	0	0	101	0	10,321
MADERA	92	20	74	0	0	67	0	0	1,333	4	0	4,968	0	0	288	39	1,066
MARIN	0	0	0	0	0	19	0	0	0	0	0	0	0	0	0	0	14
MARIPOSA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
MENDOCINO	0	27	0	1	0	39	0	1	26	19	0	12	0	0	10	0	166
MERCED	206	386	0	188	0	1,849	39	0	13,348	38	0	6,608	0	0	677	25	3,792
MODOC	3	0	0	0	0	237	152	0	94	0	20	507	0	0	167	0	9
MONO	0	0	0	0	0	37	0	0	0	0	0	0	0	0	7	0	0
MONTEREY	0	0	6	22,241	0	2,821	2,157	0	11,633	399	1	16,353	9	0	1,977	247	9,545
NAPA	0	0	0	0	0	54	0	0	74	116	0	70	0	0	24	0	311
NEVADA	0	16	0	0	0	4	0	1	0	0	0	0	0	0	0	0	21
ORANGE	0	24	664	823	0	334	3	1	255	49	0	0	1	1	43	6	1,719
PLACER	0	233	0	0	0	320	0	0	0	24	0	26	0	0	134	0	176
PLUMAS	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
RIVERSIDE	283	0	1	2,243	30	718	137	3	3,141	535	0	3,548	2	0	983	3	3,354
SACRAMENTO	205	309	0	27	0	6,647	0	0	83	5,976	0	339	0	0	181	0	22,867
SAN BENITO	0	0	0	527	0	86	0	0	1,032	41	0	9	0	0	48	0	1,489
SAN BERNARDINO	0	0	0	0	0	66	0	0	14	96	0	12	0	0	107	3	309
SAN DIEGO	0	0	33	294	0	490	2	8	1,748	19,949	33	174	0	0	1,978	31	2,223
SAN FRANCISCO	0	0	0	0	0	11	0	0	0	1	0	54	0	0	0	0	2
SAN JOAQUIN	70,346	6,508	101	3	0	2,335	113	0	22,929	4,641	30	27,137	376	0	4,047	29	8,010
SAN LUIS OBISPO	0	81	0	798	0	475	12	0	851	27	0	1,187	0	4	160	232	307
SAN MATEO	0	0	3	0	0	111	0	0	0	63	0	0	0	0	7	0	199
SANTA BARBARA	2	0	12	9,459	0	474	26	0	2,937	206	36	4,915	0	1	609	245	2,487
SANTA CLARA	0	0	30	-2	0	113	0	0	241	116	0	40	0	0	129	0	1,657
SANTA CRUZ	0	0	5	314	0	396	0	0	340	23	0	0	0	0	26	0	751
SHASTA	606	0	0	0	0	2,026	0	0	25	55	0	41	0	0	684	0	90
SIERRA	0	0	0	1	0	0	0	0	4	0	0	1	0	0	0	0	0
SISKIYOU	3	0	0	0	0	379	174	0	94	4	20	518	0	0	648	0	176
SOLANO	1,802	387	0	691	0	2,394	48	0	367	3	0	1,099	0	0	396	0	598
SONOMA	6	4	3	102	0	57	12	0	424	144	0	345	0	0	10	0	320
STANISLAUS	909	4	0	956	720	2,454	48	0	4,160	100	12	14,397	0	0	898	7	2,366
SUTTER	118	3,195	0	0	0	6,250	1	0	330	107	5	1,792	0	2	370	0	-50
TEHAMA	0	36	0	0	0	152	0	0	257	11	0	656	0	0	119	0	156
TRINITY	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
TULARE	1,366	28	0	72	150	1,635	61	0	2,990	1,247	38	13,643	0	0	402	3	2,878
TUOLUMNE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VENTURA	0	2	0	1,478	1,751	599	0	3	31,574	247	0	10,956	0	2	397	57	3,761
YOLO	497	8,797	0	9	53	3,533	76	0	901	36	0	1,118	0	0	1,087	0	252
YUBA	0	988	0	0	0	1,049	1	0	103	8	0	225	0	0	189	0	26
** UNKNOWN **	0	64	0	0	0	1	0	0	111	0	0	50	0	0	0	0	706
TOTAL	87,297	34,997	1,249	49,943	3,389	61,790	4,910	62	128,067	36,137	309	209,420	470	10	44,908	1,328	109,380

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COUNTY	DAP	AM PHOS SUL	MONOAM PHOS	PHOS ACID	LIQ AM POLY	NORMAL SUPER	TRIPLE SUPER	OTHER PHOS	MUR OF POTASH	SUL OF POT MAG	POT NIT	POT SUL	OTHER POT
ALAMEDA	0	67	157	4	0	0	0	140	0	0	26	17	106
AMADOR	0	0	0	0	5	0	0	8	5	0	0	2	6
BUTTE	22	196	594	0	1	0	0	365	876	55	30	976	276
CALAVERAS	0	21	0	0	0	0	0	8	0	0	0	1	6
COLUSA	27	581	514	35	867	0	0	478	109	2	5	516	361
CONTRA COSTA	0	2	3	16	242	0	0	230	0	7	10	1	174
DEL NORTE	0	0	0	0	0	0	0	83	0	0	5	0	62
EL DORADO	0	3	0	0	0	0	4	10	0	0	0	1	8
FRESNO	50	54	8,595	356	6,523	0	5	9,724	489	541	168	2,386	7,339
GLENN	39	485	646	0	94	0	0	975	327	0	49	1,111	736
HUMBOLDT	0	16	0	0	0	0	0	220	188	0	70	0	166
IMPERIAL	0	4	34,027	670	2,019	0	0	3,693	142	413	0	665	2,787
INYO	0	5	7	0	0	0	0	8	1	0	3	2	6
KERN	0	184	2,711	103	3,739	0	0	7,078	840	313	165	407	5,342
KINGS	48	0	3,138	121	3,228	0	0	1,506	299	14	99	375	1,136
LAKE	0	8	0	0	6	0	0	0	0	0	0	24	0
LASSEN	0	1	158	0	0	0	0	3	0	0	0	0	3
LOS ANGELES	0	8	95	0	6	0	0	9,272	5	2	1	224	6,997
MADERA	0	6	403	0	140	0	0	957	305	0	102	526	723
MARIN	0	50	2	0	5	0	0	13	0	0	0	0	9
MARIPOSA	0	0	0	0	0	0	0	2	0	0	0	0	1
MENDOCINO	0	19	0	0	0	0	4	149	1	18	0	99	113
MERCED	0	137	2,501	3	955	0	173	3,406	3,899	48	88	1,177	2,571
MODOC	0	376	131	0	649	0	0	8	24	0	0	56	6
MONO	0	0	12	1	0	0	0	0	24	0	0	0	0
MONTEREY	925	25	3,910	1,491	2,032	0	5	8,574	412	1	44	2,576	6,471
NAPA	0	26	29	0	67	0	115	280	0	0	9	57	211
NEVADA	0	9	0	0	0	0	0	19	0	0	0	1	14
ORANGE	0	113	49	0	0	0	33	1,544	0	0	9	21	1,166
PLACER	0	131	4	0	-5	0	5	158	2	0	1	27	119
PLUMAS	0	2	0	0	0	0	0	0	0	0	0	0	0
RIVERSIDE	27	78	3,288	2,188	1,789	0	21	3,013	63	274	54	374	2,274
SACRAMENTO	0	420	381	0	4	99	4	20,541	295	104	1	12,182	15,503
SAN BENITO	0	0	0	0	-2	0	0	1,338	0	0	13	0	1,010
SAN BERNARDINO	0	30	166	0	0	0	6	278	0	0	6	106	209
SAN DIEGO	130	40	0	15	0	0	45	1,997	41	69	43	1,004	1,507
SAN FRANCISCO	0	0	0	0	36	0	0	1	0	0	0	3	1
SAN JOAQUIN	0	186	697	1	1,497	0	0	7,195	1,861	3,302	2,791	2,472	5,430
SAN LUIS OBISPO	0	58	17	3	28	0	0	276	72	0	88	91	208
SAN MATEO	37	0	115	7	0	1	3	179	3	9	24	87	135
SANTA BARBARA	0	91	868	5	200	0	4	2,234	28	45	155	319	1,686
SANTA CLARA	3	6	1	0	0	0	13	1,489	0	0	0	16	1,123
SANTA CRUZ	0	0	148	0	105	0	19	675	0	0	27	7	509
SHASTA	0	447	344	0	0	0	0	81	54	0	2	131	61
SIERRA	0	0	0	0	0	0	0	0	0	0	0	0	0
SISKIYOU	0	1,532	145	0	90	0	0	158	60	0	0	294	119
SOLANO	52	1,513	3,700	0	184	0	26	537	465	0	8	37	405
SONOMA	0	60	46	0	112	0	62	288	8	80	27	180	217
STANISLAUS	0	70	2,118	0	831	0	0	2,126	1,357	538	70	2,844	1,604
SUTTER	19	550	424	0	122	0	16	-45	374	59	15	460	-34
TEHAMA	0	129	24	0	54	0	0	141	1,194	0	7	320	106
TRINITY	0	0	0	0	0	0	0	1	0	0	0	0	1
TULARE	59	0	2,231	66	564	0	0	2,585	922	90	298	834	1,951
TUOLUMNE	0	0	0	0	0	0	0	0	0	0	0	0	0
VENTURA	0	1,616	635	93	929	0	19	3,378	131	53	200	736	2,550
YOLO	15	874	875	0	992	0	17	227	443	15	7	212	171
YUBA	0	204	101	0	0	0	0	24	91	89	8	42	18
** UNKNOWN **	33	0	272	0	0	0	0	634	0	0	0	0	478
TOTAL	1,486	10,433	74,282	5,178	28,108	100	599	98,256	15,410	6,141	4,728	33,999	74,156

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TONS OF AGRICULTURAL MINERALS-FARM USE

COUNTY	COPPER	IRON	GYPSUM	LIME	SEWAGE SLUDGE	SULFUR	SULFURIC ACID	OTHER SEC MIC	ALL OTHER
ALAMEDA	1	0	869	333	0	8	0	250	0
AMADOR	0	0	131	0	0	13	0	4	0
BUTTE	0	0	854	2,798	0	315	49	887	196
CALAVERAS	0	0	21	0	0	69	0	69	0
COLUSA	0	5	6,203	10,712	0	873	0	760	0
CONTRA COSTA	0	1	37	51	0	38	0	43	23
DEL NORTE	0	0	1	4	0	0	0	8	0
EL DORADO	0	0	0	35	0	26	0	0	0
FRESNO	34	655	195,870	25,201	0	21,615	2,633	176,428	37
GLENN	0	4	611	5,863	0	1,072	12	326	308
HUMBOLDT	0	0	26	0	0	0	0	33	0
IMPERIAL	14	12	2,586	12,034	0	478	381	611	40
INYO	0	0	4	0	0	0	0	151	0
KERN	87	28	153,966	4,508	0	5,813	825	146,284	49
KINGS	2	0	108,468	12,369	0	4,807	25,119	2,146	1
LAKE	0	0	754	55	0	26	0	0	0
LASSEN	0	0	129	0	0	0	0	0	0
LOS ANGELES	2	0	383	25	52	1	0	631	0
MADERA	4	0	3,530	823	0	2,350	0	1,211	923
MARIN	0	0	0	5	0	50	0	1	0
MARIPOSA	0	0	0	0	0	0	0	22	0
MENDOCINO	0	0	269	721	0	382	0	22	0
MERCED	2	6	23,534	8,385	0	2,928	247	19,020	9
MODOC	0	0	1,315	74	0	80	0	77	0
MONO	0	0	0	0	0	7	2	4	0
MONTEREY	25	12	1,349	26,126	0	685	406	892	17
NAPA	0	1	2,722	1,640	0	29	0	2,941	0
NEVADA	0	0	1	3	0	0	0	0	1
ORANGE	0	13	1,473	2	0	551	23	94	4
PLACER	0	0	78	79	0	0	0	79	0
PLUMAS	0	0	0	0	0	0	0	0	0
RIVERSIDE	0	0	1,126	4	0	1	24	1,580	23
SACRAMENTO	0	16	15,367	1,393	2,659	341	0	5,484	32
SAN BENITO	0	0	625	0	0	28	0	72	0
SAN BERNARDINO	0	86	263	5	0	3	0	58	0
SAN DIEGO	3	155	3,535	33	0	56	0	509	129
SAN FRANCISCO	0	0	3	0	0	0	0	119	0
SAN JOAQUIN	84,004	34	66,700	36,402	523	5,691	4,565	2,889	8
SAN LUIS OBISPO	13	7	410	77,400	0	12	48	790	0
SAN MATEO	4	21	79	84	0	42	2	30	0
SANTA BARBARA	2	14	14,246	7,540	0	47	52	1,005	41
SANTA CLARA	0	0	1,027	789	0	29	0	337	0
SANTA CRUZ	0	0	97	12	0	115	1	98	56
SHASTA	0	0	1,743	22,901	0	66	0	16	0
SIERRA	0	0	0	77	0	0	0	0	0
SISKIYOU	4	0	8,477	99	0	372	0	106	0
SOLANO	3	0	1,429	1,289	0	822	119	52	0
SONOMA	0	6	3,380	2,574	0	18	0	1,818	0
STANISLAUS	9	2	25,325	9,651	0	3,243	112	1,869	1
SUTTER	1	0	2,568	1,261	0	211	0	456	1
TEHAMA	0	0	1,025	4,929	0	72	0	47	0
TRINITY	0	0	0	0	0	0	0	0	0
TULARE	126,075	17	59,549	5,728	0	4,557	2,048	214,022	10
TUOLUMNE	0	0	0	0	0	1	0	0	0
VENTURA	0	99	296	4	0	309	0	1,054	118
YOLO	0	0	8,022	3,088	0	455	0	16,466	109
YUBA	0	0	326	128	0	0	0	219	0
** UNKNOWN **	0	1	0	0	0	70	0	206	0
TOTAL	210,289	1,195	720,802	287,237	3,234	58,777	36,668	602,296	2,136

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TONS OF MATERIALS BY USE

COUNTY	FARM DRY BAG	FARM DRY BULK	FARM LIQUID	FARM TOTAL	AG MIN DRY BAG	AG MIN DRY BULK	AG MIN LIQUID	AG MIN TOTAL	NONFARM DRY BAG	NONFARM DRY BULK	NONFARM LIQUID	NONFARM TOTAL	TOTAL ALL
ALAMEDA	212	484	424	1,120	1,154	278	29	1,461	134	2,263	30	2,427	5,008
AMADOR	76	1	17	94	132	3	13	148	0	125	0	125	367
BUTTE	11,971	359	2,150	14,480	4,932	108	59	5,099	3,571	539	3	4,113	23,692
CALAVERAS	73	1	19	93	54	21	84	159	0	3	9	12	264
COLUSA	11,477	3,097	15,285	29,859	17,708	607	238	18,553	362	0	3	365	48,777
CONTRA COSTA	132	445	1,927	2,504	92	42	59	193	25	1,807	67	1,899	4,596
DEL NORTE	68	180	0	248	0	13	0	13	0	51	0	51	312
EL DORADO	9	50	33	92	0	35	26	61	2	155	8	165	318
FRESNO	39,730	10,109	47,769	97,608	245,421	169,965	7,087	422,473	2,797	1,761	11	4,569	524,650
GLENN	7,673	1,523	1,831	11,027	8,107	85	4	8,196	232	27	0	259	19,482
HUMBOLDT	670	817	1	1,488	28	31	0	59	0	247	60	307	1,854
IMPERIAL	62,592	616	44,100	107,308	14,597	217	1,342	16,156	876	1,086	2	1,964	125,428
INYO	35	79	20	134	1	154	0	155	0	5	0	5	294
KERN	19,929	8,026	34,761	62,716	306,872	3,149	1,539	311,560	3,419	1,530	2	4,951	379,227
KINGS	8,598	2,235	27,802	38,635	127,457	282	25,173	152,912	3,350	132	3	3,485	195,032
LAKE	143	54	188	385	555	274	6	835	0	40	0	40	1,260
LASSEN	334	5	77	416	129	0	0	129	0	94	0	94	639
LOS ANGELES	24,061	3,495	381	27,937	106	965	23	1,094	5,136	11,299	188	16,623	45,654
MADERA	2,732	1,468	6,913	11,113	6,696	608	1,537	8,841	207	190	1	398	20,352
MARIN	69	38	5	112	0	56	0	56	0	387	50	437	605
MARIPOSA	5	0	0	5	3	0	19	22	0	0	0	0	27
MENDOCINO	125	431	148	704	942	452	0	1,394	178	984	49	1,211	3,309
MERCED	19,435	1,883	20,795	42,113	52,101	535	1,495	54,131	2,401	404	0	2,805	99,049
MODOC	991	0	1,447	2,438	1,546	0	0	1,546	36	0	0	36	4,020
MONO	80	0	1	81	11	0	2	13	0	0	0	0	94
MONTEREY	29,959	1,604	62,293	93,856	28,215	840	457	29,512	27,895	390	1	28,286	151,654
NAPA	867	236	340	1,443	7,273	19	41	7,333	0	109	0	109	8,885
NEVADA	13	25	47	85	0	5	0	5	511	83	12	606	696
ORANGE	138	5,513	1,207	6,858	1,602	488	70	2,160	4,640	9,506	33	14,179	23,197
PLACER	595	496	265	1,356	199	29	8	236	0	2,030	6	2,036	3,628
PLUMAS	3	0	0	3	0	0	0	0	0	4	0	4	7
RIVERSIDE	5,506	8,132	14,785	28,423	247	1,580	931	2,758	6,758	6,947	33	13,738	44,919
SACRAMENTO	83,012	1,800	1,356	86,168	24,424	610	258	25,292	312	3,337	48	3,697	115,157
SAN BENITO	4,124	366	1,101	5,591	495	220	10	725	263	136	0	399	6,715
SAN BERNARDINO	166	1,194	48	1,408	329	85	1	415	20,824	6,014	25	26,863	28,686
SAN DIEGO	22,389	8,471	993	31,853	875	3,500	45	4,420	2,253	6,431	266,414	275,098	311,371
SAN FRANCISCO	11	8	90	109	4	5	113	122	78	18	36	132	363
SAN JOAQUIN	23,041	14,948	134,048	172,037	111,111	85,235	4,470	200,816	7,682	3,101	7	10,790	383,643
SAN LUIS OBISPO	956	761	3,258	4,975	77,771	746	163	78,680	0	338	1	339	83,994
SAN MATEO	74	901	7	982	0	259	3	262	578	1,705	2	2,285	3,529
SANTA BARBARA	6,098	3,242	17,704	27,044	22,354	182	411	22,947	2,217	474	13	2,704	52,695
SANTA CLARA	2,837	1,640	498	4,975	1,725	454	3	2,182	964	2,700	5	3,669	10,826
SANTA CRUZ	2,157	634	554	3,345	143	211	25	379	1,530	14,444	25	15,999	19,723
SHASTA	3,791	159	697	4,647	24,710	16	0	24,726	4	272	3	279	29,652
SIERRA	0	0	6	6	77	0	0	77	0	0	0	0	83
SISKIYOU	3,351	14	1,049	4,414	9,055	3	0	9,058	27	8	0	35	13,507
SOLANO	9,958	182	4,572	14,712	3,655	59	0	3,714	891	1,492	1	2,384	20,810
SONOMA	1,102	565	840	2,507	7,600	171	25	7,796	25	1,179	113	1,317	11,620
STANISLAUS	14,815	1,851	21,923	38,589	37,017	1,351	1,844	40,212	1,482	650	12	2,144	80,945
SUTTER	8,938	-1,378	6,519	14,079	4,056	144	298	4,498	298	146	1	445	19,022
TEHAMA	2,305	43	1,014	3,362	5,969	97	7	6,073	0	797	1	798	10,233
TRINITY	0	0	3	3	0	0	0	0	0	191	2	193	196
TULARE	10,225	2,802	21,086	34,113	69,846	339,894	2,266	412,006	2,682	2,265	49	4,996	451,115
TUOLUMNE	0	0	0	0	0	0	1	1	0	12	0	12	13
VENTURA	5,050	4,743	51,374	61,167	358	1,013	509	1,880	2,414	1,834	14	4,262	67,309
YOLO	7,621	630	11,956	20,207	27,789	228	123	28,140	25	1,431	3	1,459	49,806
YUBA	1,839	9	1,318	3,166	672	0	1	673	24	10	0	34	3,873
** UNKNOWN **	431	826	1,092	2,349	0	156	121	277	27	9,086	26	9,139	11,765
TOTAL	462,592	95,813	568,137	1,126,542	1256215	615,480	50,939	1,922,634	107,130	100,269	267,372	474,771	3,523,947

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TONS OF NUTRIENTS BY FORM-INCLUDES FARM AND NONFARM

COUNTY	ALL N	ALL P2O5	ALL K2O	ALL TOTAL	DRY N	DRY P2O5	DRY K2O	DRY TOTAL	LIQUID N	LIQUID P2O5	LIQUID K2O	LIQUID TOTAL
ALAMEDA	218	140	52	410	86	136	51	273	132	3	1	136
AMADOR	29	4	6	39	28	2	2	32	1	2	4	7
BUTTE	2,636	470	1,123	4,228	2,118	450	1,108	3,677	518	19	14	551
CALAVERAS	18	7	2	27	14	5	1	21	4	1	1	6
COLUSA	6,496	855	436	7,786	2,786	531	413	3,730	3,710	324	22	4,056
CONTRA COSTA	1,051	163	59	1,273	90	54	39	184	961	109	20	1,090
DEL NORTE	30	25	21	76	30	25	21	76	0	0	0	0
EL DORADO	19	6	3	27	9	5	2	17	9	1	0	10
FRESNO	19,894	9,872	3,911	33,677	6,988	7,256	3,760	18,004	12,906	2,617	150	15,673
GLENN	1,799	779	997	3,575	1,322	729	983	3,034	478	50	14	541
HUMBOLDT	201	70	194	465	201	70	194	465	0	0	0	0
IMPERIAL	26,031	19,866	1,356	47,252	14,463	18,147	805	33,415	11,568	1,718	550	13,837
INYO	30	7	5	42	24	7	5	36	6	0	0	6
KERN	14,074	4,925	2,473	21,472	3,866	3,395	2,319	9,580	10,208	1,530	154	11,892
KINGS	11,380	3,274	759	15,413	1,626	2,085	746	4,458	9,753	1,189	13	10,956
LAKE	113	4	12	128	65	2	12	78	48	2	0	50
LASSEN	109	83	1	193	84	83	1	169	25	0	0	25
LOS ANGELES	3,403	2,873	2,244	8,519	3,327	2,862	2,237	8,426	76	11	6	93
MADERA	2,474	549	711	3,734	549	435	618	1,601	1,925	115	93	2,132
MARIN	17	17	3	36	16	15	3	34	1	2	0	2
MARIPOSA	1	1	0	2	1	1	0	2	0	0	0	0
MENDOCINO	83	51	88	222	60	42	82	184	24	9	7	39
MERCED	6,940	2,769	3,759	13,468	2,494	2,153	3,485	8,131	4,446	617	274	5,337
MODOC	473	366	44	884	201	143	42	387	272	223	2	497
MONO	12	7	14	33	12	6	14	33	0	1	0	1
MONTEREY	17,244	6,569	3,522	27,335	4,280	3,734	2,869	10,883	12,964	2,834	653	16,452
NAPA	185	181	97	462	128	145	86	359	57	36	10	104
NEVADA	12	8	5	24	5	4	2	12	7	3	2	13
ORANGE	1,085	533	369	1,987	860	521	360	1,742	225	11	9	245
PLACER	262	77	51	390	206	76	51	334	56	1	0	57
PLUMAS	1	0	0	1	1	0	0	1	0	0	0	0
RIVERSIDE	4,642	4,453	1,000	10,095	1,963	2,460	797	5,220	2,679	1,993	203	4,875
SACRAMENTO	9,954	6,605	11,031	27,590	9,563	6,551	11,002	27,116	391	54	28	473
SAN BENITO	784	406	313	1,503	582	405	307	1,294	203	1	6	209
SAN BERNARDINO	202	179	119	501	187	178	118	483	15	1	1	18
SAN DIEGO	5,156	704	1,019	6,878	4,957	683	1,010	6,651	199	20	9	228
SAN FRANCISCO	24	13	2	39	4	0	2	6	21	12	0	33
SAN JOAQUIN	77,851	3,107	5,963	86,921	5,659	1,971	5,041	12,671	72,192	1,136	922	74,251
SAN LUIS OBISPO	1,047	115	191	1,353	297	78	170	546	749	37	21	807
SAN MATEO	120	136	99	355	120	133	99	352	0	4	0	4
SANTA BARBARA	5,351	1,221	767	7,339	1,377	1,038	680	3,095	3,973	183	87	4,244
SANTA CLARA	669	462	350	1,481	594	434	329	1,358	75	27	21	123
SANTA CRUZ	480	327	170	977	390	278	160	828	90	49	10	149
SHASTA	1,400	293	117	1,810	882	290	115	1,288	517	3	2	522
SIERRA	1	0	0	1	0	0	0	0	1	0	0	1
SISKIYOU	912	460	219	1,592	675	414	207	1,296	237	47	12	296
SOLANO	3,658	2,488	424	6,571	1,528	2,426	424	4,377	2,130	63	0	2,193
SONOMA	376	190	190	756	194	126	185	505	183	64	5	252
STANISLAUS	8,406	2,044	2,873	13,323	2,100	1,692	2,796	6,587	6,306	353	77	6,736
SUTTER	3,003	374	464	3,841	1,429	338	468	2,235	1,575	36	-4	1,606
TEHAMA	426	99	912	1,437	159	80	911	1,149	268	20	1	288
TRINITY	1	0	0	1	0	0	0	0	1	0	0	1
TULARE	8,007	2,201	1,714	11,922	1,785	1,774	1,566	5,125	6,222	427	148	6,797
TUOLUMNE	0	0	0	0	0	0	0	0	0	0	0	0
VENTURA	11,470	2,055	1,321	14,847	1,319	1,237	911	3,467	10,151	819	411	11,380
YOLO	4,362	1,051	430	5,843	1,650	707	425	2,782	2,712	344	5	3,062
YUBA	649	101	104	853	361	101	104	565	288	0	0	288
** UNKNOWN **	298	349	145	793	148	257	76	482	150	92	69	311
TOTAL	265,569	83,983	52,253	401,805	83,864	66,770	48,218	198,852	181,706	17,212	4,035	202,953

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COUNTY	ANHY AMM	AQUA AMM	AMM NITR	AMM NIT SOL	AMPOLY	AMM SUL	AMM THIO	BLOOD MEAL	CAL AMM NIT	CAL NIT	NSOL 28%	NSOL 32%	SOD NIT	SCU	UREA	UREA SOL	OTHER N
ALAMEDA	-1	0	0	0	0	74	0	0	0	9	0	473	0	0	18	0	348
ALPINE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	11
AMADOR	0	0	0	0	0	23	0	0	0	0	0	85	0	0	95	0	61
BUTTE	0	824	0	0	0	16,041	2	0	539	83	138	10,549	0	0	2,436	0	36,682
CALAVERAS	0	0	0	0	0	40	0	0	0	0	0	7	0	0	6	0	185
COLUSA	1,064	10,928	0	0	0	15,593	48	0	3,127	482	75	15,180	0	0	834	0	123,098
CONTRA COSTA	1,679	0	3	0	0	114	0	0	80	4	3	697	0	0	64	0	640
DEL NORTE	0	0	0	0	0	1	0	0	0	60	0	0	0	0	0	0	97
EL DORADO	0	0	0	0	0	11	0	0	0	30	0	239	0	0	11	0	63
FRESNO	4,248	122	132	971	12	5,956	553	38	15,039	2,678	31	101,486	29	13	10,944	282	78,194
GLENN	3	1,455	0	0	0	11,188	0	0	365	148	0	7,330	0	0	688	3	32,777
HUMBOLDT	0	0	5	0	0	583	0	0	0	192	0	797	0	0	30	0	1,090
IMPERIAL	4,422	0	266	8,073	625	474	0	0	4,057	15	138	58,914	84	0	37,533	364	17,920
INYO	0	0	0	0	0	93	0	11	22	3	0	84	0	0	77	3	14
KERN	3,984	197	15	455	48	3,430	1,166	231	8,264	346	0	71,070	0	0	4,318	102	28,916
KINGS	8,844	184	19	167	0	2,776	119	3	4,111	1,534	76	49,910	0	0	4,184	6	10,503
LAKE	0	0	0	0	0	151	0	0	72	22	80	236	0	0	275	0	124
LASSEN	0	0	149	0	0	531	0	0	0	0	0	130	0	0	217	4	73
LOS ANGELES	0	178	197	52	0	1,248	8	0	60	49	0	219	0	0	189	0	11,925
MADERA	130	20	129	0	0	2,449	0	0	1,333	884	112	18,641	0	0	2,310	39	11,340
MARIN	0	0	0	0	0	66	0	0	0	1	0	0	0	0	0	1	31
MARIPOSA	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	29
MENDOCINO	0	27	0	1	0	67	0	4	26	60	0	64	0	0	46	0	392
MERCED	313	386	0	188	0	3,912	39	0	14,775	47	0	24,262	3	68	2,697	25	18,610
MODOC	285	0	0	0	0	827	152	0	94	0	36	971	0	0	216	0	233
MONO	0	0	0	0	0	40	0	0	0	0	0	0	0	0	16	0	0
MONTEREY	0	0	64	24,016	0	5,617	2,157	10	14,312	726	1	28,346	20	0	2,944	250	39,466
NAPA	0	0	0	0	0	68	0	0	159	221	0	121	0	0	36	0	603
NEVADA	0	16	0	0	0	4	0	4	0	0	0	0	0	0	0	0	150
ORANGE	0	24	1,249	823	0	668	3	2	261	76	0	53	25	26	248	6	3,537
PLACER	0	233	0	0	0	476	0	0	7	47	0	155	0	0	255	0	2,320
PLUMAS	0	0	0	0	0	18	0	0	0	0	0	0	0	0	0	0	45
RIVERSIDE	882	0	1	2,243	30	2,292	137	8	3,173	797	1	9,115	2	0	2,667	3	11,863
SACRAMENTO	1,076	2,066	0	27	0	16,323	0	0	153	25,312	160	2,347	0	5	2,042	0	25,970
SAN BENITO	0	0	0	527	0	147	0	0	1,307	42	0	71	0	0	74	0	4,464
SAN BERNARDINO	0	0	0	0	0	226	0	1	51	215	2	12	0	0	213	3	1,343
SAN DIEGO	0	0	101	294	0	882	2	15	3,462	37,902	75	379	0	4	4,308	31	4,660
SAN FRANCISCO	0	0	0	0	0	132	0	0	0	1	0	67	0	0	1	0	8
SAN JOAQUIN	190,070	6,508	152	3	0	7,525	113	0	34,261	16,239	31	44,392	868	0	13,490	29	30,063
SAN LUIS OBISPO	0	81	0	798	0	728	21	0	886	86	0	2,101	7	8	188	232	3,132
SAN MATEO	0	0	10	0	0	203	0	0	2	115	0	0	0	0	186	0	380
SANTA BARBARA	2	0	12	9,459	0	1,108	26	0	2,939	668	61	9,819	7	1	978	245	19,325
SANTA CLARA	0	0	68	-2	0	336	0	0	348	162	0	109	0	0	247	0	2,322
SANTA CRUZ	0	0	13	314	0	697	0	0	343	52	0	35	0	8	57	0	1,929
SHASTA	1,123	0	0	0	0	8,903	0	0	25	179	13	218	0	0	4,224	0	290
SIERRA	0	0	0	1	0	0	0	0	4	0	0	1	0	0	0	0	0
SISKIYOU	285	0	0	0	0	1,616	174	0	94	4	24	953	0	0	998	0	550
SOLANO	3,889	387	0	691	0	7,552	48	0	630	5	32	8,199	1	0	1,503	0	3,451
SONOMA	12	4	9	102	0	243	12	5	552	525	0	520	0	0	57	0	881
STANISLAUS	1,432	4	2	956	720	8,089	48	0	7,718	559	12	47,057	0	0	2,580	7	26,234
SUTTER	225	3,195	0	0	0	15,664	1	0	628	233	5	9,917	0	2	2,949	0	32,060
TEHAMA	0	36	24	0	0	1,481	7	0	515	123	0	2,313	0	0	291	0	902
TRINITY	0	0	0	0	0	0	0	0	0	0	0	2	0	0	3	0	2
TULARE	4,677	28	320	84	150	3,521	61	0	4,111	2,297	47	39,744	13	2	3,706	59	16,579
TUOLUMNE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VENTURA	0	2	0	1,478	1,751	895	0	8	31,574	501	0	22,805	0	3	943	57	48,426
YOLO	824	8,797	0	9	53	8,242	76	2	1,431	151	100	14,044	8	0	2,861	0	34,633
YUBA	0	988	0	0	0	2,629	2	0	159	122	0	1,822	0	0	791	0	8,716
** UNKNOWN **	72	64	0	0	0	3,941	0	0	111	98	23	7,113	0	1	437	0	23,334
TOTAL	229,540	36,754	2,940	51,730	3,389	165,914	4,975	342	161,180	94,105	1,276	613,183	1,067	141	116,482	1,751	720,992

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TONS OF PHOSPHORUS AND POTASSIUM MATERIALS-FARM USE

COUNTY	DAP	AM PHOS SUL	MONOAM PHOS	PHOS ACID	LIQ AM POLY	NORMAL SUPER	TRIPLE SUPER	OTHER PHOS	MUR OF POTASH	SUL OF POT MAG	POT NIT	POT SUL	OTHER POT
ALAMEDA	1	96	157	10	0	0	2	386	0	16	27	19	188
ALPINE	0	1	0	0	0	0	0	16	0	0	0	2	5
AMADOR	0	0	0	0	5	0	0	74	5	0	0	2	28
BUTTE	136	6,019	3,248	0	3,421	0	12	3,509	4,332	95	143	2,175	1,324
CALAVERAS	0	76	0	0	0	0	0	24	19	0	0	1	11
COLUSA	2,939	9,890	1,364	679	5,692	0	0	2,934	229	2	10	1,238	1,179
CONTRA COSTA	3	52	38	18	242	0	1	492	0	7	14	6	261
DEL NORTE	0	0	0	91	0	0	0	90	0	0	5	0	65
EL DORADO	0	8	0	0	0	0	16	26	5	0	0	2	13
FRESNO	86	164	10,868	2,015	10,811	0	6	19,065	870	844	522	5,712	10,540
GLENN	1,939	7,230	1,170	0	228	0	14	4,076	1,913	0	98	1,456	1,769
HUMBOLDT	0	102	18	0	117	0	2	775	207	0	97	0	342
IMPERIAL	0	21	36,625	4,220	6,506	0	0	9,216	142	616	38	1,042	4,645
INYO	0	9	97	0	0	0	1	15	5	0	5	5	8
KERN	0	554	5,521	873	10,440	10	24	15,315	867	909	941	3,935	8,113
KINGS	48	0	4,188	1,037	7,137	0	105	2,395	460	20	131	859	1,433
LAKE	10	9	16	0	59	0	0	17	5	26	5	66	6
LASSEN	0	58	381	0	0	0	0	66	0	0	0	0	24
LOS ANGELES	0	17	308	0	6	0	12	11,228	5	26	18	595	7,659
MADERA	0	23	790	149	245	0	125	3,018	334	31	304	812	1,410
MARIN	0	50	190	0	5	0	0	39	0	0	0	0	18
MARIPOSA	0	0	0	0	0	0	0	37	0	0	0	0	13
MENDOCINO	0	41	1	0	6	0	5	453	5	18	1	140	214
MERCED	0	510	5,192	400	2,302	0	387	8,986	3,932	87	209	1,565	4,431
MODOC	0	2,053	350	0	2,186	0	28	31	90	22	0	345	13
MONO	0	0	21	1	0	0	0	0	24	0	0	0	0
MONTEREY	1,360	89	5,026	4,830	3,095	0	6	18,532	1,116	10	89	3,860	9,779
NAPA	0	72	62	0	84	0	137	521	0	0	20	106	291
NEVADA	0	21	0	0	0	0	0	79	0	0	0	1	34
ORANGE	0	144	64	0	0	0	71	3,564	8	30	18	38	1,839
PLACER	0	574	37	0	-5	0	6	588	20	0	7	41	263
PLUMAS	0	2	0	0	0	0	0	13	0	0	0	0	4
RIVERSIDE	35	197	4,754	2,760	7,769	0	1,426	6,654	174	572	253	591	3,500
SACRAMENTO	0	1,042	1,234	0	188	99	18	21,861	387	110	7	18,157	15,954
SAN BENITO	0	0	0	3	16	0	4	3,846	0	0	17	2	1,846
SAN BERNARDINO	2	47	402	0	0	0	28	991	0	0	14	269	447
SAN DIEGO	242	134	30	165	0	0	204	4,517	60	141	150	2,094	2,346
SAN FRANCISCO	0	83	0	0	135	0	0	11	0	0	0	76	4
SAN JOAQUIN	0	669	1,104	15	3,890	0	0	15,359	6,208	4,442	8,172	2,969	8,164
SAN LUIS OBISPO	0	83	20	9	110	55	3	583	75	2	119	156	317
SAN MATEO	100	27	141	16	0	4	43	437	25	13	49	196	227
SANTA BARBARA	0	97	1,453	16	465	0	15	4,988	33	72	294	495	2,616
SANTA CLARA	4	14	12	0	0	0	17	2,311	1	6	3	23	1,429
SANTA CRUZ	0	0	148	163	237	1	36	1,408	3	2	52	8	754
SHASTA	0	1,375	961	0	0	0	1	269	161	31	3	318	124
SIERRA	0	0	0	0	0	0	0	0	0	0	0	0	0
SISKIYOU	0	6,190	1,201	0	317	0	28	258	125	22	0	578	153
SOLANO	52	6,152	5,302	28	2,831	0	28	3,730	537	0	22	102	1,470
SONOMA	21	152	65	1	234	5	85	687	73	80	159	375	350
STANISLAUS	3	896	3,818	284	5,583	0	0	8,915	2,724	645	170	4,664	3,868
SUTTER	358	6,309	3,442	26	2,509	0	16	977	1,000	117	322	718	306
TEHAMA	0	384	32	0	75	0	0	585	1,194	0	49	423	254
TRINITY	0	0	0	0	0	0	0	2	0	0	0	0	1
TULARE	59	0	4,034	830	2,596	0	30	7,441	1,574	305	1,067	1,426	3,620
TUOLUMNE	0	0	0	0	0	0	0	1	0	0	0	0	0
VENTURA	0	2,427	1,039	165	1,618	0	150	7,551	264	75	437	959	3,941
YOLO	71	2,887	1,437	0	6,586	0	29	2,252	564	15	27	219	846
YUBA	85	1,684	321	0	184	0	0	409	865	89	76	52	146
** UNKNOWN **	201	985	985	0	252	0	18	6,790	102	0	99	117	2,531
TOTAL	7,755	59,719	107,667	18,804	88,177	174	3,139	208,409	30,742	9,498	14,263	59,010	111,136

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TONS OF AGRICULTURAL MINERALS-FARM USE

COUNTY	COPPER	IRON	GYPSUM	LIME	SEWAGE SLUDGE	SULFUR	SULFURIC ACID	OTHER SEC MIC	ALL OTHER
ALAMEDA	1	1	901	334	0	31	0	262	250
ALPINE	0	0	0	0	0	0	0	0	0
AMADOR	0	0	143	0	0	13	0	5	1
BUTTE	0	0	1,702	3,458	0	538	49	1,923	732
CALAVERAS	0	0	275	109	0	69	0	69	1
COLUSA	6	5	8,208	16,698	0	1,774	0	3,929	1,220
CONTRA COSTA	0	1	988	158	0	38	0	49	30
DEL NORTE	0	0	2	13	0	0	0	8	0
EL DORADO	0	0	0	49	0	26	0	3	0
FRESNO	44	752	282,284	43,322	0	25,648	2,633	185,526	19,298
GLENN	0	4	1,676	7,932	0	1,211	15	982	520
HUMBOLDT	14	36	52	15	0	4	0	44	15
IMPERIAL	14	12	4,892	23,173	0	569	381	738	1,063
INYO	0	0	18	1	0	9	0	285	0
KERN	104	55	364,942	13,100	0	13,713	904	169,753	3,529
KINGS	2	0	122,400	12,393	55,000	4,963	25,119	3,478	18,685
LAKE	0	0	1,075	55	0	82	0	42	3
LASSEN	0	0	521	0	0	37	0	0	0
LOS ANGELES	2	1	1,325	25	6,963	2	0	1,104	15
MADERA	12	0	7,773	2,885	25	2,403	0	2,069	2,250
MARIN	0	0	0	30	0	125	0	23	0
MARIPOSA	0	0	0	0	0	0	0	22	7
MENDOCINO	0	0	448	1,848	0	460	0	2,054	29
MERCED	8	10	31,621	10,356	74	4,422	247	19,507	1,339
MODOC	1	0	2,100	74	0	373	0	79	33
MONO	0	0	0	0	0	7	2	5	0
MONTEREY	26	14	1,643	26,401	0	686	406	1,031	928
NAPA	0	2	4,057	2,730	0	67	0	3,837	385
NEVADA	0	0	4	7	0	0	0	25	2
ORANGE	0	19	3,531	69	2,836	614	23	214	77
PLACER	1	2	112	91	0	21	0	96	9
PLUMAS	0	0	0	0	0	0	0	0	0
RIVERSIDE	7	27	4,524	24	6,564	14	24	1,964	6,727
SACRAMENTO	8	42	17,185	2,851	5,177	384	0	11,342	81
SAN BENITO	0	3	804	6	0	28	0	107	7
SAN BERNARDINO	0	356	1,221	36	27,985	23	0	226	1
SAN DIEGO	6	211	5,223	85	3,128	65	0	942	187
SAN FRANCISCO	0	0	103	0	0	0	0	120	19
SAN JOAQUIN	84,005	145	72,642	42,922	1,045	11,917	4,565	3,852	2,020
SAN LUIS OBISPO	29	15	677	125,665	0	53	48	976	146
SAN MATEO	4	39	116	246	0	74	2	76	2
SANTA BARBARA	3	21	25,038	14,825	319	121	52	1,201	929
SANTA CLARA	0	1	1,562	1,725	0	33	0	467	202
SANTA CRUZ	0	5	129	32	0	115	1	297	108
SHASTA	0	0	3,480	30,338	0	252	19	39	2
SIERRA	0	0	7	77	0	6	0	0	0
SISKIYOU	13	0	11,075	101	0	843	0	190	39
SOLANO	3	11	1,489	1,330	0	830	119	467	25
SONOMA	0	19	4,979	4,045	0	59	0	2,252	228
STANISLAUS	10	12	30,242	12,627	0	5,783	112	2,886	4,240
SUTTER	83	0	3,572	1,467	0	265	520	560	310
TEHAMA	0	0	1,082	9,412	0	80	0	193	77
TRINITY	0	0	0	0	0	0	0	0	0
TULARE	126,091	60	96,968	6,505	0	8,545	2,048	216,329	6,885
TUOLUMNE	0	0	0	0	0	1	0	0	0
VENTURA	0	117	660	5	1,148	346	0	1,391	1,109
YOLO	36	4	8,869	3,118	0	555	0	29,370	372
YUBA	25	0	921	461	0	8	0	223	10
** UNKNOWN **	0	4	2,507	2,175	0	277	0	842	633
TOTAL	210,558	2,006	1,137,768	425,404	110,264	88,582	37,289	673,474	74,780

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TONS OF MATERIALS BY USE

COUNTY	FARM DRY BAG	FARM DRY BULK	FARM LIQUID	FARM TOTAL	AG MIN DRY BAG	AG MIN DRY BULK	AG MIN LIQUID	AG MIN TOTAL	NONFARM DRY BAG	NONFARM DRY BULK	NONFARM LIQUID	NONFARM TOTAL	TOTAL ALL
ALAMEDA	740	548	534	1,822	1,220	281	279	1,780	3,198	2,275	172	5,645	9,247
ALPINE	5	31	0	36	0	0	0	0	1	0	0	1	37
AMADOR	94	168	116	378	132	16	14	162	148	125	1	274	814
BUTTE	12,826	27,020	51,862	91,708	5,315	2,492	595	8,402	4,124	1,608	126	5,858	105,968
CALAVERAS	75	78	216	369	308	130	85	523	38	3	16	57	949
COLUSA	13,252	27,951	155,383	196,586	18,669	11,713	1,458	31,840	421	0	5	426	228,852
CONTRA COSTA	469	611	3,338	4,418	133	1,065	66	1,264	2,504	1,851	137	4,492	10,174
DEL NORTE	133	180	95	408	10	13	0	23	106	51	5	162	593
EL DORADO	74	58	293	425	17	35	26	78	378	155	20	553	1,056
FRESNO	47,992	32,945	201,294	282,231	252,146	281,013	26,348	559,507	4,920	2,024	118	7,062	848,800
GLENN	8,890	24,521	40,439	73,850	8,296	3,828	216	12,340	245	27	6	278	86,468
HUMBOLDT	1,795	1,033	1,529	4,357	106	59	15	180	1,023	247	156	1,426	5,963
IMPERIAL	67,137	21,896	106,923	195,956	15,780	12,697	2,365	30,842	1,096	1,086	722	2,904	229,702
INYO	73	295	84	452	97	216	0	313	45	5	0	50	815
KERN	32,430	22,377	115,237	170,044	314,686	246,395	5,019	566,100	5,523	1,697	31	7,251	743,395
KINGS	10,406	9,400	80,443	100,249	127,557	70,626	43,857	242,040	3,664	133	6	3,803	346,092
LAKE	338	273	568	1,179	644	604	9	1,257	81	40	2	123	2,559
LASSEN	457	992	184	1,633	141	417	0	558	1	94	0	95	2,286
LOS ANGELES	28,841	4,124	1,033	33,998	1,028	8,371	38	9,437	19,860	11,334	774	31,968	75,403
MADERA	4,801	6,895	32,931	44,627	7,724	6,829	2,864	17,417	469	213	94	776	62,820
MARIN	148	248	5	401	97	81	0	178	517	387	79	983	1,562
MARIPOSA	5	0	83	88	3	0	26	29	0	0	0	0	117
MENDOCINO	777	523	271	1,571	3,076	1,734	29	4,839	1,344	1,071	159	2,574	8,984
MERCED	21,632	14,052	57,642	93,326	53,240	11,519	2,825	67,584	3,154	948	2	4,104	165,014
MODOC	1,000	2,957	3,975	7,932	1,548	1,079	33	2,660	46	0	0	46	10,638
MONO	80	21	1	102	12	0	2	14	22	0	0	22	138
MONTEREY	31,553	23,576	110,592	165,721	28,499	1,268	1,368	31,135	28,536	2,619	3	31,158	228,014
NAPA	1,338	460	703	2,501	7,448	3,204	426	11,078	211	109	3	323	13,902
NEVADA	90	25	194	309	32	5	1	38	744	90	38	872	1,219
ORANGE	4,684	5,561	2,532	12,777	2,290	4,950	143	7,383	11,730	10,907	615	23,252	43,412
PLACER	1,394	1,194	2,435	5,023	259	56	17	332	3,331	2,033	48	5,412	10,767
PLUMAS	8	34	40	82	0	0	0	0	6	4	0	10	92
RIVERSIDE	14,713	12,298	34,887	61,898	1,212	11,028	7,635	19,875	13,510	7,008	347	20,865	102,638
SACRAMENTO	85,089	42,509	6,939	134,537	24,980	11,783	307	37,070	6,030	3,406	296	9,732	181,339
SAN BENITO	7,962	1,632	2,772	12,366	558	380	17	955	743	136	0	879	14,200
SAN BERNARDINO	1,893	1,708	665	4,266	1,007	28,839	2	29,848	28,768	6,026	241	35,035	69,149
SAN DIEGO	48,223	11,682	2,293	62,198	2,618	7,126	103	9,847	9,908	6,543	266,550	283,001	355,046
SAN FRANCISCO	88	213	217	518	53	57	132	242	249	18	173	440	1,200
SAN JOAQUIN	49,191	48,512	297,033	394,736	116,656	99,975	6,482	223,113	11,560	7,448	182	19,190	637,039
SAN LUIS OBISPO	1,684	976	7,140	9,800	78,080	49,220	309	127,609	435	338	6	779	138,188
SAN MATEO	1,177	952	45	2,174	294	260	5	559	2,363	2,068	15	4,446	7,179
SANTA BARBARA	10,026	4,857	40,311	55,194	22,580	18,630	1,299	42,509	21,869	540	41	22,450	120,153
SANTA CLARA	4,630	2,058	723	7,411	2,052	1,733	205	3,990	5,285	2,880	82	8,247	19,648
SANTA CRUZ	2,832	1,671	1,756	6,259	399	211	77	687	2,234	14,565	62	16,861	23,807
SHASTA	4,231	12,389	1,598	18,218	25,123	9,005	2	34,130	597	272	12	881	53,229
SIERRA	0	0	6	6	90	0	0	90	0	0	0	0	96
SISKIYOU	3,363	7,714	2,493	13,570	9,083	3,139	39	12,261	46	405	0	451	26,282
SOLANO	10,178	13,296	23,168	46,642	3,782	467	25	4,274	3,888	1,519	44	5,451	56,367
SONOMA	2,371	1,104	1,734	5,209	7,945	3,384	253	11,582	1,429	1,179	515	3,123	19,914
STANISLAUS	17,226	23,799	85,963	126,988	38,719	11,110	6,083	55,912	2,803	1,520	126	4,449	187,349
SUTTER	9,689	21,207	50,083	80,979	4,454	1,716	607	6,777	598	201	3	802	88,558
TEHAMA	2,653	2,575	3,460	8,688	6,024	4,736	84	10,844	3,678	797	59	4,534	24,066
TRINITY	0	3	7	10	0	0	0	0	0	191	3	194	204
TULARE	15,947	12,600	69,833	98,380	73,314	380,976	9,141	463,431	9,365	4,395	203	13,963	575,774
TUOLUMNE	0	0	1	1	0	0	1	1	58	12	0	70	72
VENTURA	7,963	8,843	110,263	127,069	707	2,569	1,500	4,776	4,492	2,548	36	7,076	138,921
YOLO	7,892	13,445	64,827	86,164	28,147	13,791	386	42,324	2,986	1,436	36	4,458	132,946
YUBA	1,962	5,364	11,815	19,141	702	935	11	1,648	86	113	0	199	20,988
** UNKNOWN **	10,497	7,159	29,618	47,274	1,035	4,649	754	6,438	17,530	9,146	121,127	147,803	201,515
TOTAL	615,017	488,613	1,820,625	2,924,255	1300127	1,336,415	123,583	2,760,125	247,996	115,846	393,497	757,339	6,441,719

STATE OF CALIFORNIA - DEPARTMENT OF FOOD AND AGRICULTURE
TONNAGE REPORT OF COMMERCIAL FERTILIZERS AND AGRICULTURAL MINERALS
January 2009 - December 2009

TONS OF NUTRIENTS BY FORM-INCLUDES FARM AND NONFARM

COUNTY	ALL N	ALL P2O5	ALL K2O	ALL TOTAL	DRY N	DRY P2O5	DRY K2O	DRY TOTAL	LIQUID N	LIQUID P2O5	LIQUID K2O	LIQUID TOTAL
ALAMEDA	323	239	87	648	165	230	85	480	158	9	2	168
ALPINE	4	6	3	13	4	6	3	13	0	0	0	0
AMADOR	96	28	14	138	66	24	10	100	31	4	4	38
BUTTE	17,619	5,367	4,232	27,218	6,511	3,748	4,072	14,330	11,109	1,619	160	12,888
CALAVERAS	65	23	16	104	25	16	13	54	41	7	3	51
COLUSA	40,431	7,371	1,166	48,968	7,350	4,653	1,008	13,011	33,081	2,718	157	35,957
CONTRA COSTA	1,892	288	95	2,275	162	142	63	366	1,730	147	32	1,909
DEL NORTE	40	77	22	139	39	27	22	88	0	50	0	51
EL DORADO	105	18	8	132	19	16	7	42	86	2	1	89
FRESNO	64,935	16,821	7,189	88,945	13,777	9,868	5,532	29,177	51,159	6,953	1,657	59,768
GLENN	14,198	4,443	2,515	21,156	5,347	3,859	2,345	11,551	8,851	584	169	9,605
HUMBOLDT	766	341	281	1,388	389	271	275	934	378	71	6	454
IMPERIAL	51,602	26,610	2,257	80,469	23,094	20,475	1,387	44,956	28,507	6,136	870	35,513
INYO	105	58	10	173	78	58	10	146	27	0	0	27
KERN	39,375	12,133	5,720	57,227	7,889	6,867	5,218	19,974	31,486	5,266	502	37,254
KINGS	33,385	7,113	1,770	42,268	7,263	3,824	1,637	12,724	26,122	3,289	132	29,544
LAKE	305	41	46	392	170	19	45	235	135	22	0	157
LASSEN	376	233	8	618	327	229	7	562	49	5	2	56
LOS ANGELES	4,678	3,833	2,749	11,261	4,470	3,785	2,730	10,986	208	48	19	275
MADERA	10,613	1,670	1,214	13,497	2,357	872	932	4,161	8,256	798	282	9,336
MARIN	54	124	6	184	54	122	6	182	1	2	0	2
MARIPOSA	12	13	5	30	1	1	0	2	12	13	4	29
MENDOCINO	210	168	148	526	161	150	139	449	50	18	10	77
MERCED	17,964	7,024	4,705	29,693	5,102	4,627	4,019	13,748	12,861	2,397	686	15,945
MODOC	1,482	1,359	236	3,077	643	610	233	1,486	839	749	3	1,591
MONO	18	11	14	44	18	11	14	43	0	1	0	1
MONTEREY	30,077	13,114	5,799	48,990	7,759	6,562	4,638	18,959	22,318	6,552	1,162	30,031
NAPA	334	310	155	799	218	238	135	591	117	72	20	208
NEVADA	47	32	12	91	15	18	6	39	33	14	6	52
ORANGE	2,235	1,348	663	4,246	1,809	1,193	607	3,608	426	155	57	638
PLACER	956	338	123	1,417	450	301	121	872	506	37	2	545
PLUMAS	15	5	2	21	7	4	1	12	8	1	0	9
RIVERSIDE	11,236	9,786	1,836	22,858	4,438	5,214	1,557	11,208	6,798	4,572	280	11,649
SACRAMENTO	18,758	7,767	14,266	40,791	16,507	7,590	14,217	38,313	2,251	178	49	2,478
SAN BENITO	1,731	1,319	616	3,667	1,222	1,259	594	3,074	510	60	23	592
SAN BERNARDINO	2,285	1,133	570	3,988	2,168	1,122	565	3,855	118	11	4	133
SAN DIEGO	10,467	1,913	1,972	14,352	10,040	1,782	1,953	13,775	427	131	19	577
SAN FRANCISCO	80	66	39	186	43	18	39	99	37	49	1	86
SAN JOAQUIN	197,109	7,186	12,430	216,724	16,955	3,982	11,053	31,990	180,154	3,203	1,377	184,734
SAN LUIS OBISPO	1,984	277	278	2,540	442	160	245	846	1,542	118	34	1,694
SAN MATEO	319	301	211	831	315	287	209	812	3	14	2	19
SANTA BARBARA	10,980	2,626	1,261	14,868	2,231	1,912	1,029	5,172	8,749	714	232	9,695
SANTA CLARA	1,060	771	470	2,302	942	729	445	2,116	118	42	26	186
SANTA CRUZ	893	731	272	1,896	635	517	251	1,403	258	214	21	493
SHASTA	5,252	868	305	6,424	4,222	843	296	5,361	1,030	24	9	1,064
SIERRA	1	0	0	1	0	0	0	0	1	0	0	1
SISKIYOU	2,652	2,067	417	5,137	1,959	1,910	394	4,262	694	158	23	875
SOLANO	11,358	6,315	889	18,562	4,135	4,261	530	8,926	7,223	2,054	359	9,636
SONOMA	777	425	433	1,635	437	266	410	1,113	340	160	23	522
STANISLAUS	27,914	7,308	5,486	40,707	5,930	4,036	4,980	14,945	21,983	3,272	506	25,762
SUTTER	17,166	4,445	1,239	22,849	6,041	3,293	1,221	10,555	11,125	1,152	18	12,295
TEHAMA	1,624	321	1,035	2,981	703	238	1,015	1,956	921	84	20	1,025
TRINITY	3	1	0	4	1	0	0	1	1	1	0	2
TULARE	24,929	6,003	3,370	34,302	4,933	3,390	2,854	11,177	19,996	2,613	516	23,125
TUOLUMNE	0	0	0	0	0	0	0	0	0	0	0	0
VENTURA	24,154	4,290	2,134	30,578	2,423	2,407	1,460	6,290	21,731	1,883	674	24,288
YOLO	18,806	4,408	758	23,972	4,340	2,001	699	7,040	14,466	2,407	59	16,932
YUBA	3,916	751	650	5,317	1,339	637	636	2,612	2,576	114	14	2,705
** UNKNOWN **	8,890	3,305	1,047	13,242	2,639	2,661	823	6,122	6,251	644	225	7,120
TOTAL	738,664	184,943	93,253	1,016,861	190,777	123,336	82,793	396,905	547,887	61,607	10,461	619,955