FERTILIZING MATERIALS

TONNAGE REPORT

JANUARY – JUNE 2012

cdfa 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
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

TOTAL TONS OF MATERIALS REPORTED FOR THE PERIOD INDICATED

CODE	MATERIAL NAME	JULY-DEC 2010	JULY-DEC 2011	JAN-JUNE 2011	JAN-JUNE 2012	JULY-JUNE 2010-11	JULY-JUNE 2011-12
0	N-P-K GRADES	2,114,977	1,871,216	693,629	0	2,808,606	1,871,216
0	IDENTIFIED BY GRADE	329,813	304,561	451,365	1,659,903	781,178	1,964,464
2	ANHYDROUS AMMONIA	92,895	88,281	143,104	153,217	235,999	241,498
6	AQUA AMMONIA	35,337	41,070	0	810	35,337	41,880
10	AMMONIUM NITRATE	1,052	1,644	971	1,327	2,023	2,971
12	AMMONIUM NITRATE SOLU	40,413	56,968	300,212	361,897	340,625	418,865
20	AMMONIUM POLYSULFIDE	1,463	981	0	327	1,463	1,308
24	AMMONIUM SULFATE	62,914	52,987	72,161	90,506	135,075	143,493
31	AMMONIUM THIOSULFATE	2,624	17,122	36,110	45,497	38,734	62,619
35	CALCIUM AMMONIUM NITR	121,178	110,522	197,787	191,313	318,965	301,835
43	CALCIUM NITRATE	17,630	24,720	38,824	48,263	56,454	72,983
58	NITROGEN SOLUTION 28%	454	631	1,003	4,365	1,457	4,996
60	NITROGEN SOLUTION 32%	184,978	193,885	391,935	431,492	576,913	625,377
61	NITROGEN SOLUTION >32	0	0	0	236	0	236
62	SODIUM NITRATE	30,579	224	1,506	1,803	32,085	2,027
64	SULFUR COATED UREA	120	7,427	11	47	131	7,474
66	UREA	51,279	43,478	100,616	91,313	151,895	134,791
67	UREA SOLUTION	3,283	7,590	0	2,622	3,283	10,212
203	DIAMMONIUM PHOSPHATE	591	1,413	3,232	5,665	3,823	7,078
207	AMMONIUM PHOSPHATE SU	7,297	6,872	24,935	18,623	32,232	25,495
209	MONOAMMONIUM PHOSPHAT	36,517	32,090	24,022	24,245	60,539	56,335
248	PHOSPHORIC ACID	6,362	3,395	11,166	6,480	17,528	9,875
249	LIQUID AMMONIUM POLYP	27,407	19,816	40,251	42,671	67,658	62,487
263	SUPERPHOSPHATE, NORMA	2	199	688	5,436	690	5,635
267	SUPERPHOSPHATE, TRIPL	604	425	401	422	1,005	847
428	MURIATE OF POTASH 60%	17,783	16,604	21,511	26,731	39,294	43,335
443	POTASSIUM-MAGNESIUM S	5,597	6,259	4,546	5,474	10,143	11,733
453	POTASSIUM NITRATE	5,762	5,525	11,501	12,581	17,263	18,106
463	POTASSIUM SULFATE	47,774	77,056	35,555	197,797	83,329	274,853
601	BLOOD, DRIED	47	16	37	145	84	161
667	SEWAGE SLUDGE, OTHER	793	2,979	2,063	57,209	2,856	60,188
723	COPPER COMPOUND	361	333	475	773	836	1,106
731	IRON COMPOUND	7,655	2,352	2,516	2,254	10,171	4,606
732	GYPSUM (CALCIUM SULFA	660,204	942,737	378,817	567,891	1,039,021	1,510,628
770	SULFUR	75,712	74,939	50,033	301,967	125,745	376,906
774	SULFURIC ACID	39,753	45,164	40,149	267,833	79,902	312,997
797	SEC./MICRONUT. - CODE	94,735	322,723	268,243	271,415	362,978	594,138
907	LIME PRODUCT - CODE U	270,218	300,419	130,636	150,565	400,854	450,984
0	TOTAL	4,396,163	4,684,623	3,480,011	5,051,115	7,876,174	9,735,738

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 10 N	JULY-DEC 10 P2O5	JULY-DEC 10 K2O	JULY-DEC 11 N	JULY-DEC 11 P2O5	JULY-DEC 11 K2O
0	IDENTIFIED BY GRADE	38,918	34,960	26,385	35,938	32,283	24,365
2	ANHYDROUS AMMONIA	76,174	0	0	72,390	0	0
6	AQUA AMMONIA	7,067	0	0	8,214	0	0
10	AMMONIUM NITRATE	358	0	0	559	0	0
12	AMMONIUM NITRATE SOLU	8,083	0	0	11,394	0	0
20	AMMONIUM POLYSULFIDE	293	0	0	196	0	0
24	AMMONIUM SULFATE	13,212	0	0	11,127	0	0
31	AMMONIUM THIOSULFATE	315	0	0	2,055	0	0
35	CALCIUM AMMONIUM NITR	20,600	0	0	18,789	0	0
43	CALCIUM NITRATE	2,645	0	0	3,708	0	0
58	NITROGEN SOLUTION 28%	127	0	0	177	0	0
60	NITROGEN SOLUTION 32%	59,193	0	0	62,043	0	0
61	NITROGEN SOLUTION >32	0	0	0	0	0	0
62	SODIUM NITRATE	4,893	0	0	36	0	0
64	SULFUR COATED UREA	43	0	0	2,674	0	0
66	UREA	23,588	0	0	20,000	0	0
67	UREA SOLUTION	657	0	0	1,518	0	0
203	DIAMMONIUM PHOSPHATE	106	272	0	254	650	0
207	AMMONIUM PHOSPHATE SU	1,168	1,459	0	1,100	1,374	0
209	MONOAMMONIUM PHOSPHAT	4,017	18,989	0	3,530	16,687	0
248	PHOSPHORIC ACID	0	3,435	0	0	1,833	0
249	LIQUID AMMONIUM POLYP	2,741	9,318	0	1,982	6,737	0
263	SUPERPHOSPHATE, NORMA	0	0	0	0	44	0
267	SUPERPHOSPHATE, TRIPL	0	278	0	0	196	0
428	MURIATE OF POTASH 60%	0	0	10,670	0	0	9,962
443	POTASSIUM-MAGNESIUM S	0	0	1,231	0	0	1,377
453	POTASSIUM NITRATE	807	0	2,535	773	0	2,431
463	POTASSIUM SULFATE	0	0	23,887	0	0	38,528
601	BLOOD, DRIED	6	0	0	2	0	0
667	SEWAGE SLUDGE, OTHER	48	16	8	179	60	30
723	COPPER COMPOUND	0	0	0	0	0	0
731	IRON COMPOUND	0	0	0	0	0	0
732	GYPSUM (CALCIUM SULFA	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	0	0	0	0	0	0
907	LIME PRODUCT - CODE U	0	0	0	0	0	0
0	TOTAL	265,056	68,728	64,716	258,637	59,864	76,693

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CODE	MATERIAL NAME	JAN-JUNE 11 N	JAN-JUNE 11 P2O5	JAN-JUNE 11 K2O	JAN-JUNE 12 N	JAN-JUNE 12 P2O5	JAN-JUNE 12 K2O
0	IDENTIFIED BY GRADE	54,164	81,246	27,082	178,932	146,856	69,209
2	ANHYDROUS AMMONIA	117,345	0	0	125,638	0	0
6	AQUA AMMONIA	0	0	0	162	0	0
10	AMMONIUM NITRATE	330	0	0	451	0	0
12	AMMONIUM NITRATE SOLU	60,042	0	0	72,379	0	0
20	AMMONIUM POLYSULFIDE	0	0	0	65	0	0
24	AMMONIUM SULFATE	15,154	0	0	19,006	0	0
31	AMMONIUM THIOSULFATE	4,333	0	0	5,460	0	0
35	CALCIUM AMMONIUM NITR	33,624	0	0	32,523	0	0
43	CALCIUM NITRATE	5,824	0	0	7,239	0	0
58	NITROGEN SOLUTION 28%	281	0	0	1,222	0	0
60	NITROGEN SOLUTION 32%	125,419	0	0	138,077	0	0
61	NITROGEN SOLUTION >32	0	0	0	80	0	0
62	SODIUM NITRATE	241	0	0	288	0	0
64	SULFUR COATED UREA	4	0	0	17	0	0
66	UREA	46,283	0	0	42,004	0	0
67	UREA SOLUTION	0	0	0	524	0	0
203	DIAMMONIUM PHOSPHATE	582	1,487	0	1,020	2,606	0
207	AMMONIUM PHOSPHATE SU	3,990	4,987	0	2,980	3,725	0
209	MONOAMMONIUM PHOSPHAT	2,642	12,491	0	2,667	12,607	0
248	PHOSPHORIC ACID	0	6,030	0	0	3,499	0
249	LIQUID AMMONIUM POLYP	4,025	13,685	0	4,267	14,508	0
263	SUPERPHOSPHATE, NORMA	0	151	0	0	1,196	0
267	SUPERPHOSPHATE, TRIPL	0	184	0	0	194	0
428	MURIATE OF POTASH 60%	0	0	12,907	0	0	16,039
443	POTASSIUM-MAGNESIUM S	0	0	1,000	0	0	1,204
453	POTASSIUM NITRATE	1,610	0	5,060	1,761	0	5,536
463	POTASSIUM SULFATE	0	0	17,778	0	0	98,899
601	BLOOD, DRIED	4	0	0	17	0	0
667	SEWAGE SLUDGE, OTHER	0	0	0	0	0	0
723	COPPER COMPOUND	0	0	0	0	0	0
731	IRON COMPOUND	0	0	0	0	0	0
732	GYPSUM (CALCIUM SULFA	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	0	0	0	0	0	0
907	LIME PRODUCT - CODE U	0	0	0	0	0	0
0	TOTAL	475,898	120,262	63,827	636,782	185,192	190,886

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CODE	MATERIAL NAME	JULY-JUNE 10-11 N	JULY-JUNE 10-11 P2O5	JULY-JUNE 10-11 K2O	JULY-JUNE 11-12 N	JULY-JUNE 11-12 P2O5	JULY-JUNE 11-12 K2O
0	IDENTIFIED BY GRADE	93,082	116,206	53,467	214,870	179,140	93,574
2	ANHYDROUS AMMONIA	193,519	0	0	198,028	0	0
6	AQUA AMMONIA	7,067	0	0	8,376	0	0
10	AMMONIUM NITRATE	688	0	0	1,010	0	0
12	AMMONIUM NITRATE SOLU	68,125	0	0	83,773	0	0
20	AMMONIUM POLYSULFIDE	293	0	0	262	0	0
24	AMMONIUM SULFATE	28,366	0	0	30,134	0	0
31	AMMONIUM THIOSULFATE	4,648	0	0	7,514	0	0
35	CALCIUM AMMONIUM NITR	54,224	0	0	51,312	0	0
43	CALCIUM NITRATE	8,468	0	0	10,947	0	0
58	NITROGEN SOLUTION 28%	408	0	0	1,399	0	0
60	NITROGEN SOLUTION 32%	184,612	0	0	200,121	0	0
61	NITROGEN SOLUTION >32	0	0	0	80	0	0
62	SODIUM NITRATE	5,134	0	0	324	0	0
64	SULFUR COATED UREA	47	0	0	2,691	0	0
66	UREA	69,872	0	0	62,004	0	0
67	UREA SOLUTION	657	0	0	2,042	0	0
203	DIAMMONIUM PHOSPHATE	688	1,759	0	1,274	3,256	0
207	AMMONIUM PHOSPHATE SU	5,157	6,446	0	4,079	5,099	0
209	MONOAMMONIUM PHOSPHAT	6,659	31,480	0	6,197	29,294	0
248	PHOSPHORIC ACID	0	9,465	0	0	5,333	0
249	LIQUID AMMONIUM POLYP	6,766	23,004	0	6,249	21,246	0
263	SUPERPHOSPHATE, NORMA	0	152	0	0	1,240	0
267	SUPERPHOSPHATE, TRIPL	0	462	0	0	390	0
428	MURIATE OF POTASH 60%	0	0	23,576	0	0	26,001
443	POTASSIUM-MAGNESIUM S	0	0	2,231	0	0	2,581
453	POTASSIUM NITRATE	2,417	0	7,596	2,535	0	7,967
463	POTASSIUM SULFATE	0	0	41,665	0	0	137,427
601	BLOOD, DRIED	10	0	0	19	0	0
667	SEWAGE SLUDGE, OTHER	48	16	8	179	60	30
723	COPPER COMPOUND	0	0	0	0	0	0
731	IRON COMPOUND	0	0	0	0	0	0
732	GYPSUM (CALCIUM SULFA	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	0	0	0	0	0	0
907	LIME PRODUCT - CODE U	0	0	0	0	0	0
0	TOTAL	740,954	188,990	128,543	895,419	245,056	267,579

STATE OF CALIFORNIA - DEPARTMENT OF FOOD AND AGRICULTURE
TONNAGE REPORT OF COMMERCIAL FERTILIZERS AND AGRICULTURAL MINERALS
January - June 2012

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	0	0	0	5	0	116	0	0	6	1	0	187	0	0	46	0	433
ALPINE	0	0	0	0	0	49	0	0	0	0	0	0	0	0	0	0	0
AMADOR	0	0	0	0	0	31	4	0	0	0	0	83	0	0	2	0	356
BUTTE	0	26	0	29,907	0	9,456	1,033	0	1,117	14	69	6,599	0	36	1,761	0	1,289
CALAVERAS	0	0	0	0	0	37	0	0	19	0	0	19	0	0	0	0	1
COLUSA	782	738	0	132,667	0	2,998	126	0	3,559	1	0	10,191	0	0	572	0	1,519
CONTRA COSTA	1,306	0	4	145	0	114	74	0	228	26	0	2,871	0	0	129	0	261
DEL NORTE	0	0	0	289	0	17	0	0	0	84	0	0	0	0	0	0	3
EL DORADO	0	0	0	290	0	20	0	0	0	5	0	103	0	0	9	0	11
FRESNO	1,938	0	0	22,827	0	3,886	16,610	0	32,206	2,067	558	56,673	0	0	2,907	322	11,529
GLENN	0	46	0	11,469	0	5,120	8	0	1,536	20	16	5,455	77	0	331	0	975
HUMBOLDT	0	0	0	0	0	3	0	0	0	80	0	0	0	0	13	0	495
IMPERIAL	2,057	0	0	12,893	327	105	25	6	4,364	110	130	35,188	31	0	20,414	0	3,652
INYO	0	0	0	137	0	92	0	2	36	1	0	14	0	1	15	6	8
KERN	2,439	0	0	683	0	1,069	5,322	0	5,674	1,250	7	55,260	0	0	2,202	0	15,166
KINGS	3,962	0	0	12	0	173	1,201	73	5,371	1,416	15	18,944	0	0	1,917	0	1,987
LAKE	0	0	0	0	0	47	9	0	231	6	0	134	0	0	36	0	11
LASSEN	0	0	0	0	0	422	0	0	84	0	0	1	0	0	130	0	53
LOS ANGELES	0	0	1	306	0	100	71	0	70	29	0	376	0	0	158	0	1,133
MADERA	94	0	0	541	0	347	3,405	0	3,609	1,914	0	12,391	0	0	557	0	2,147
MARIN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45
MARIPOSA	0	0	0	0	0	0	0	0	53	0	0	0	0	0	0	0	0
MENDOCINO	0	0	0	27	0	28	0	0	24	0	0	66	0	0	13	0	1,835
MERCED	135	0	0	155	0	1,132	6,007	0	4,436	323	0	12,383	0	0	809	0	15,352
MODOC	242	0	0	25	0	527	93	0	154	0	0	76	0	0	818	0	9
MONO	0	0	0	0	0	114	0	0	0	0	0	31	0	0	21	0	0
MONTEREY	0	0	8	11,726	0	1,692	1,262	0	7,907	262	1	4,798	0	0	907	0	37,111
NAPA	3	0	0	0	0	32	0	2	25	83	0	174	0	0	6	0	280
NEVADA	0	0	0	0	0	0	4	0	0	1	0	0	0	0	0	0	33
ORANGE	0	0	796	484	0	398	0	0	97	69	0	81	3	3	38	10	1,775
PLACER	0	0	0	2,060	0	271	0	0	0	20	0	106	0	0	44	0	1,248
PLUMAS	0	0	0	0	0	18	0	0	0	0	0	0	0	0	0	0	1
RIVERSIDE	1,868	0	0	874	0	742	124	1	1,711	359	0	4,882	0	0	1,332	5	3,094
SACRAMENTO	875	0	0	1,337	0	598	30	0	447	303	0	2,344	0	0	420	0	419
SAN BENITO	0	0	0	2	0	76	4	0	766	33	0	100	0	0	15	0	3,343
SAN BERNARDINO	0	0	0	0	0	486	11	1	47	47	0	64	0	0	99	8	498
SAN DIEGO	0	0	55	443	0	387	20	5	1,686	10,103	40	455	0	0	7,092	29	4,717
SAN FRANCISCO	0	0	0	299	0	2	4	0	3	0	0	90	0	0	0	0	21
SAN JOAQUIN	126,947	0	198	6,326	0	8,503	1,515	0	58,561	15,139	69	90,515	784	0	28,025	0	13,471
SAN LUIS OBISPO	1	0	0	926	0	197	171	0	538	812	1	1,002	0	6	58	0	802
SAN MATEO	0	0	239	91	0	10	0	0	1	68	0	0	0	0	134	0	315
SANTA BARBARA	4	0	0	6,267	0	358	533	0	598	464	23	4,379	0	0	218	0	6,472
SANTA CLARA	0	0	13	0	0	77	253	0	2	165	0	178	6	0	51	0	1,327
SANTA CRUZ	0	0	7	2	0	24	26	0	6	30	0	32	0	0	45	0	9,302
SHASTA	426	0	0	27	0	3,681	0	0	12	60	0	332	0	0	47	2,238	4,804
SISKIYOU	284	0	0	25	0	549	93	0	154	0	0	76	0	0	1,010	0	209
SOLANO	1,730	0	0	573	0	3,699	77	0	394	0	0	1,905	0	0	1,055	0	158
SONOMA	7	0	6	106	0	15	6	7	124	178	0	51	13	0	14	0	529
STANISLAUS	598	0	0	2,884	0	4,106	991	0	18,142	132	29	22,274	617	0	1,422	0	5,335
SUTTER	291	0	0	24,703	0	8,605	237	47	1,440	207	256	6,034	0	0	1,935	0	1,341
TEHAMA	0	0	0	418	0	1,273	10	0	303	5	17	1,780	0	0	88	0	637
TRINITY	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	3
TULARE	3,026	0	0	801	0	2,563	2,673	0	4,923	802	4	24,101	203	0	3,925	0	31,314
TUOLUMNE	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
VENTURA	0	0	0	32,532	0	21,125	123	1	28,413	362	0	26,301	0	1	1,534	4	12,503
YOLO	324	0	0	34,333	0	3,907	1,283	0	1,946	29	0	16,459	0	0	1,008	0	755
YUBA	0	0	0	6,578	0	1,083	10	0	290	39	212	1,574	0	0	423	0	438
** UNKNOWN **	3,878	0	0	15,702	0	23	2,049	0	0	11,144	2,918	4,360	69	0	7,508	0	10,139
TOTAL	153,217	810	1,327	361,897	327	90,506	45,497	145	191,313	48,263	4,365	431,492	1,803	47	91,313	2,622	210,661

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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	0	20	0	0	1	0	1	649	0	1	1	12	216
ALPINE	0	0	0	0	0	0	0	0	0	0	0	0	0
AMADOR	0	0	0	0	0	0	0	534	20	0	0	4	178
BUTTE	0	1,982	2,148	0	3,051	0	0	1,934	3,542	68	199	4,782	645
CALAVERAS	0	0	0	0	0	0	0	2	8	0	0	1	1
COLUSA	2,798	2,926	556	0	2,953	0	0	2,279	46	11	22	2,399	760
CONTRA COSTA	0	59	30	0	47	0	0	392	32	0	0	113	131
DEL NORTE	0	42	0	44	0	0	0	4	0	0	11	0	1
EL DORADO	0	3	0	0	0	0	2	16	0	0	0	4	5
FRESNO	213	284	2,180	32	2,232	0	4	17,294	1,116	357	487	4,138	5,765
GLENN	3	715	814	0	3	0	0	1,462	699	0	98	2,567	487
HUMBOLDT	0	30	2	0	8	0	0	742	0	0	51	0	247
IMPERIAL	0	16	2,542	2,573	1,065	0	0	5,166	202	66	49	637	1,722
INYO	0	0	0	0	0	0	0	12	0	10	3	1	4
KERN	21	588	1,074	206	5,027	0	0	22,749	6,376	1,069	279	6,820	7,583
KINGS	8	48	465	557	1,222	0	2	2,980	221	18	87	938	993
LAKE	0	3	17	0	149	0	20	17	0	0	1	14	6
LASSEN	0	2	98	0	0	0	0	79	50	0	0	1	26
LOS ANGELES	0	15	151	0	6	0	4	1,699	22	24	0	338	566
MADERA	0	0	100	2	212	0	0	3,221	125	55	198	1,175	1,074
MARIN	0	0	15	0	0	0	5	67	0	10	0	0	22
MARIPOSA	0	0	0	0	0	0	0	0	0	3	0	0	0
MENDOCINO	0	11	3	0	35	0	0	2,753	0	0	0	96	918
MERCED	0	110	1,124	16	413	0	0	22,987	1,344	22	189	3,487	7,662
MODOC	0	949	215	0	665	0	0	14	20	0	0	342	5
MONO	0	0	238	0	0	0	0	0	0	0	0	0	0
MONTEREY	0	7	376	424	629	0	5	55,667	256	5	61	1,126	18,556
NAPA	0	13	31	0	34	0	7	421	0	8	1	206	140
NEVADA	0	4	0	0	0	0	0	50	0	0	0	0	17
ORANGE	36	35	6	5	207	0	52	2,663	1,061	0	13	21	888
PLACER	4	414	25	0	10	0	0	1,873	4	0	0	71	624
PLUMAS	0	0	0	0	0	0	0	1	0	0	0	0	0
RIVERSIDE	5	45	1,587	412	2,627	0	50	4,642	621	37	152	313	1,547
SACRAMENTO	29	279	196	0	53	591	3	629	48	30	1	159	210
SAN BENITO	0	0	0	0	7	0	0	5,015	24	0	1	70	1,672
SAN BERNARDINO	0	1	156	2	7	0	4	747	0	0	16	134	249
SAN DIEGO	159	22	35	175	0	0	23	7,076	37	276	110	1,346	2,359
SAN FRANCISCO	0	0	0	0	2	0	0	32	0	0	1	13	11
SAN JOAQUIN	0	206	266	0	429	2,168	27	20,207	3,180	1,926	8,063	7,830	6,736
SAN LUIS OBISPO	0	9	11	2	124	0	0	1,203	3	89	304	92	401
SAN MATEO	0	0	0	58	0	0	6	472	45	0	34	158	157
SANTA BARBARA	28	0	57	43	262	0	1	9,708	888	0	372	170	3,236
SANTA CLARA	0	0	1	0	7	0	17	1,990	5	0	2	144	663
SANTA CRUZ	0	1	0	0	1	0	5	13,953	29	0	29	28	4,651
SHASTA	0	334	669	0	0	0	0	7,207	117	0	1	321	2,402
SISKIYOU	0	2,092	292	0	74	0	0	313	146	0	0	342	104
SOLANO	34	2,871	2,457	0	4,648	2,677	22	237	425	135	12	43	79
SONOMA	0	34	4	0	171	0	17	794	35	13	18	257	265
STANISLAUS	0	116	649	0	1,487	0	2	8,003	2,502	411	170	4,574	2,668
SUTTER	1,125	2,205	951	0	1,551	0	0	2,012	538	56	155	702	671
TEHAMA	0	104	4	0	0	0	0	955	428	0	21	859	318
TRINITY	0	0	0	0	0	0	0	4	0	0	1	0	1
TULARE	46	15	1,359	502	1,194	0	2	46,971	1,341	324	713	2,559	15,657
TUOLUMNE	0	1	0	0	0	0	0	0	0	0	0	0	0
VENTURA	0	298	315	192	669	0	38	18,755	244	14	554	140472	6,252
YOLO	1,107	1,066	435	0	2,692	0	3	1,132	129	0	0	562	377
YUBA	0	621	155	0	20	0	0	657	237	37	98	43	219
** UNKNOWN **	49	27	2,436	1,235	8,677	0	100	15,209	565	399	3	7,313	5,070
TOTAL	5,665	18,623	24,245	6,480	42,671	5,436	422	315,638	26,731	5,474	12,581	197797	105213

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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	0	35	68	17	0	122,484	0	507	0
ALPINE	0	0	0	0	0	0	0	0	0
AMADOR	0	0	2	30	0	5	0	96	0
BUTTE	83	18	3,326	1,276	0	617	49	6,720	0
CALAVERAS	0	0	554	0	0	14	0	4	0
COLUSA	80	0	10,445	1,605	0	65	25	2,418	0
CONTRA COSTA	0	3	0	19	0	184	0	37	0
DEL NORTE	0	0	3	7	0	0	0	3	0
EL DORADO	0	0	0	12	0	9	0	27	0
FRESNO	66	252	193,031	15,660	992	17,004	4,438	23,546	0
GLENN	2	0	2,120	3,984	0	846	0	846	0
HUMBOLDT	0	25	2	511	0	0	0	40	0
IMPERIAL	10	7	314	18,214	0	673	434	1,562	0
INYO	0	1	6	1	0	103	2	189	0
KERN	98	229	242,033	5,756	5,393	8,534	8,051	24,078	0
KINGS	5	53	9,217	2,968	29,759	2,761	33,495	2,358	0
LAKE	0	0	719	0	0	134	0	0	0
LASSEN	0	5	247	0	0	203	0	0	0
LOS ANGELES	2	47	378	13	1,303	268	244	640	0
MADERA	230	21	11,159	2,128	100	2,366	1,394	2,587	0
MARIN	0	0	0	0	0	300	0	2	0
MARIPOSA	0	0	3	0	19	0	0	0	0
MENDOCINO	0	0	73	14	0	3,216	0	3	0
MERCED	9	3	11,428	4,038	3,540	6,660	0	6,873	0
MODOC	0	0	308	135	4,968	473	30	1,665	0
MONO	0	1	0	0	0	38	29	3	0
MONTEREY	4	5	1,095	11,393	0	28	152	42,906	0
NAPA	0	1	2,941	1,428	0	6	0	801	0
NEVADA	0	0	0	52	0	0	0	2	0
ORANGE	1	275	275	15	100	44	0	297	0
PLACER	1	31	66	67	0	0	0	96	0
PLUMAS	0	0	0	0	0	0	0	0	0
RIVERSIDE	2	127	469	32	7,950	197	24	488	0
SACRAMENTO	0	44	340	101	936	240	50	5,721	0
SAN BENITO	0	0	793	0	0	65	17	58	0
SAN BERNARDINO	0	14	168	6	773	11	0	211	0
SAN DIEGO	2	217	957	65	17	14	25	6,584	0
SAN FRANCISCO	0	0	106	60	0	0	0	3	0
SAN JOAQUIN	55	45	9,558	14,245	0	6,322	483	5,529	0
SAN LUIS OBISPO	1	9	822	27,927	0	322	0	15,561	0
SAN MATEO	0	299	59	255	0	13	0	73	0
SANTA BARBARA	6	54	6,014	26	0	69	122	30,497	0
SANTA CLARA	0	121	10	212	0	17	0	45	0
SANTA CRUZ	0	4	652	505	0	0	17	32,480	0
SHASTA	0	0	590	5,548	0	491	0	4	0
SISKIYOU	0	0	2,329	563	0	926	55	1,830	0
SOLANO	0	11	1,152	705	810	359	0	98	0
SONOMA	0	0	2,271	1,291	0	346	24	3,805	0
STANISLAUS	8	54	16,044	10,039	0	5,774	167	7,547	0
SUTTER	47	0	2,011	762	0	381	0	2,404	0
TEHAMA	6	11	2,767	2,444	0	288	0	378	0
TRINITY	0	0	0	0	0	0	0	0	0
TULARE	35	69	26,809	3,334	0	8,048	3,835	6,577	0
TUOLUMNE	0	0	0	0	0	0	0	0	0
VENTURA	1	163	377	14	549	319	212,457	6,112	0
YOLO	7	0	3,392	12,380	0	409	0	16,418	0
YUBA	12	0	26	708	0	26	0	8,364	0
** UNKNOWN **	0	0	363	0	0	1,839	2,214	2,320	0
TOTAL	773	2,254	567,891	150,565	57,209	193,511	267,833	271,413	0

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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	1,325	98	272	1,695	122,656	350	105	123,111	7,635	11	346	7,992	132,798
ALPINE	0	49	0	49	0	0	0	0	0	0	0	0	49
AMADOR	33	1,086	93	1,212	7	35	91	133	367	0	1	368	1,713
BUTTE	1,387	25,398	42,873	69,658	1,770	9,246	1,073	12,089	2,366	3,196	160	5,722	87,469
CALAVERAS	1	45	42	88	554	16	2	572	54	0	1	55	715
COLUSA	1,178	12,312	154,412	167,902	2,747	10,565	1,326	14,638	12	211	5	228	182,768
CONTRA COSTA	250	567	5,145	5,962	36	185	22	243	6,383	243	122	6,748	12,953
DEL NORTE	103	59	333	495	13	0	0	13	187	0	1	188	696
EL DORADO	42	27	399	468	38	9	1	48	7,988	0	2,590	10,578	11,094
FRESNO	7,449	24,567	153,608	185,624	7,898	233,634	13,457	254,989	5,242	1,971	53	7,266	447,879
GLENN	1,777	10,531	19,593	31,901	419	6,702	677	7,798	49	155	1	205	39,904
HUMBOLDT	1,554	109	8	1,671	71	507	0	578	1,886	252	149	2,287	4,536
IMPERIAL	820	25,017	67,503	93,340	386	18,623	2,205	21,214	621	24,980	0	25,601	140,155
INYO	75	68	198	341	46	251	5	302	119	0	0	119	762
KERN	8,532	23,773	108,558	140,863	7,530	271,242	15,400	294,172	5,006	12,459	35	17,500	452,535
KINGS	1,498	5,270	35,842	42,610	507	44,518	35,591	80,616	602	740	0	1,342	124,568
LAKE	83	86	531	700	194	659	0	853	423	0	6	429	1,982
LASSEN	75	786	85	946	0	455	0	455	3	0	1	4	1,405
LOS ANGELES	3,688	355	1,026	5,069	1,039	1,570	286	2,895	49,625	19,307	503	69,435	77,399
MADERA	978	4,643	25,546	31,167	2,205	9,974	7,806	19,985	474	1,000	7	1,481	52,633
MARIN	149	15	0	164	302	0	0	302	1,474	1,663	94	3,231	3,697
MARIPOSA	3	0	53	56	3	19	0	22	85	0	0	85	163
MENDOCINO	186	251	5,371	5,808	3,302	0	4	3,306	3,253	0	299	3,552	12,666
MERCED	3,070	37,497	37,519	78,086	1,808	28,697	2,046	32,551	1,750	1,186	3	2,939	113,576
MODOC	0	2,897	1,257	4,154	0	7,476	103	7,579	44	0	0	44	11,777
MONO	0	373	31	404	0	42	29	71	50	0	0	50	525
MONTEREY	1,682	49,456	91,647	142,785	485	16,756	38,342	55,583	1,713	3,365	7	5,085	203,453
NAPA	333	244	889	1,466	157	4,871	149	5,177	809	0	3	812	7,455
NEVADA	46	34	29	109	2	51	1	54	1,242	3,146	30	4,418	4,581
ORANGE	5,578	1,121	2,042	8,741	715	217	75	1,007	15,212	14,764	83	30,059	39,807
PLACER	899	3,642	2,233	6,774	116	135	10	261	5,931	2,382	60	8,373	15,408
PLUMAS	2	18	0	20	0	0	0	0	13	0	0	13	33
RIVERSIDE	5,911	3,791	17,328	27,030	743	8,385	161	9,289	132,599	18,290	193	151,082	187,401
SACRAMENTO	1,019	1,817	6,165	9,001	550	6,672	210	7,432	113,794	100	8,685	122,579	139,012
SAN BENITO	4,574	4,856	1,697	11,127	4	858	71	933	69	0	0	69	12,129
SAN BERNARDINO	1,983	153	440	2,576	378	799	6	1,183	33,350	61,040	1,366	95,756	99,515
SAN DIEGO	24,947	8,725	2,977	36,649	1,170	6,661	50	7,881	56,773	6,367	93	63,233	107,763
SAN FRANCISCO	43	15	420	478	59	107	3	169	486	0	99	585	1,232
SAN JOAQUIN	30,252	61,500	309,339	401,091	6,943	25,430	3,864	36,237	21,963	112,048	494	134,505	571,833
SAN LUIS OBISPO	1,235	1,304	4,212	6,751	463	29,646	14,533	44,642	5,026	0	22	5,048	56,441
SAN MATEO	1,414	219	155	1,788	663	35	1	699	4,468	320	32	4,820	7,307
SANTA BARBARA	4,112	3,304	26,664	34,080	916	6,064	29,808	36,788	1,747	532	141	2,420	73,288
SANTA CLARA	1,589	2,555	757	4,901	142	224	39	405	9,938	1	106	10,045	15,351
SANTA CRUZ	1,443	13,761	12,966	28,170	344	11,360	21,954	33,658	3,510	92	54	3,656	65,484
SHASTA	61	19,375	3,242	22,678	81	6,552	0	6,633	1,438	0	20	1,458	30,769
SISKIYOU	85	4,851	827	5,763	47	5,537	119	5,703	179	101	1	281	11,747
SOLANO	297	13,479	9,455	23,231	386	2,666	83	3,135	4,608	346	48	5,002	31,368
SONOMA	965	439	1,259	2,663	748	6,777	212	7,737	4,195	22,533	610	27,338	37,738
STANISLAUS	3,548	16,497	57,066	77,111	3,303	32,738	3,592	39,633	3,559	385	261	4,205	120,949
SUTTER	759	19,192	35,110	55,061	1,562	3,231	812	5,605	721	352	3	1,076	61,742
TEHAMA	612	3,741	2,867	7,220	17	5,859	18	5,894	5,928	0	66	5,994	19,108
TRINITY	2	8	0	10	0	0	0	0	520	0	3	523	533
TULARE	8,195	14,493	122,329	145,017	4,350	36,281	8,076	48,707	10,598	9,868	177	20,643	214,367
TUOLUMNE	0	3	0	3	0	0	0	0	371	0	0	371	374
VENTURA	5,665	168,103	116,933	290,701	620	1,381	217,991	219,992	5,100	3,970	21	9,091	519,784
YOLO	621	8,222	58,704	67,547	933	31,045	628	32,606	3,822	53	36	3,911	104,064
YUBA	272	3,703	8,758	12,733	21	9,090	25	9,136	205	0	1	206	22,075
** UNKNOWN **	759	29,726	68,388	98,873	230	4,007	2,499	6,736	171,804	810	74,365	246,979	352,588
TOTAL	143,159	634,226	1,625,196	2,402,581	179,679	908,209	423,561	1,511,449	717,389	328,239	91,457	1137085	5,051,115

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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	1,066	478	324	1,868	960	454	309	1,724	105	24	15	144
ALPINE	10	0	0	10	10	0	0	10	0	0	0	0
AMADOR	199	203	89	492	172	202	89	462	28	1	0	29
BUTTE	13,165	3,419	5,022	21,606	4,286	2,143	4,940	11,369	8,879	1,276	83	10,237
CALAVERAS	23	2	7	33	13	2	7	22	10	1	0	11
COLUSA	33,997	3,993	1,519	39,509	2,091	2,364	1,311	5,766	31,907	1,628	208	33,743
CONTRA COSTA	2,941	387	325	3,653	801	282	293	1,376	2,140	105	32	2,277
DEL NORTE	102	39	11	152	44	15	11	70	58	24	0	82
EL DORADO	1,162	325	321	1,808	811	246	243	1,301	351	79	78	508
FRESNO	39,934	8,510	5,325	53,769	5,302	4,094	4,110	13,507	34,632	4,416	1,214	40,262
GLENN	6,148	1,101	1,928	9,177	1,705	909	1,864	4,478	4,443	192	64	4,698
HUMBOLDT	438	345	180	964	423	338	176	937	16	7	4	27
IMPERIAL	30,073	5,704	1,864	37,641	12,509	2,333	1,324	16,166	17,564	3,372	540	21,476
INYO	81	8	9	98	41	7	9	57	40	1	0	41
KERN	30,817	11,221	10,848	52,886	4,813	3,290	8,811	16,914	26,004	7,931	2,037	35,972
KINGS	12,558	2,085	1,042	15,685	1,516	552	765	2,834	11,042	1,533	276	12,852
LAKE	175	88	22	285	75	36	22	133	100	52	1	153
LASSEN	193	80	40	314	179	80	40	299	15	0	0	15
LOS ANGELES	7,671	2,780	2,474	12,926	7,395	2,728	2,448	12,570	276	53	27	356
MADERA	6,770	1,329	1,193	9,292	940	303	875	2,118	5,829	1,026	318	7,173
MARIN	341	131	107	579	331	128	104	564	9	3	3	15
MARIPOSA	18	3	3	23	9	3	3	14	9	0	0	9
MENDOCINO	1,064	1,113	485	2,662	374	153	163	689	690	960	322	1,973
MERCED	12,266	9,119	5,485	26,870	4,963	6,459	4,648	16,070	7,304	2,660	837	10,800
MODOC	1,002	534	186	1,722	670	308	186	1,163	332	226	0	558
MONO	75	125	2	201	65	125	2	192	10	0	0	10
MONTEREY	20,173	20,835	7,577	48,585	6,945	8,710	3,683	19,338	13,228	12,125	3,894	29,247
NAPA	276	209	180	665	131	80	141	352	144	129	39	313
NEVADA	455	151	139	745	449	146	136	731	6	5	2	14
ORANGE	4,205	1,984	1,874	8,063	3,896	1,700	1,802	7,398	309	284	72	665
PLACER	1,883	1,026	514	3,424	1,424	1,011	509	2,943	460	15	5	480
PLUMAS	5	1	1	7	5	1	1	7	0	0	0	0
RIVERSIDE	21,087	8,179	5,694	34,959	16,650	6,189	5,398	28,237	4,437	1,990	295	6,722
SACRAMENTO	14,665	4,224	3,868	22,757	11,918	3,728	3,578	19,224	2,747	496	290	3,533
SAN BENITO	1,402	1,810	654	3,865	1,140	1,660	605	3,405	262	150	49	461
SAN BERNARDINO	9,961	3,228	3,036	16,226	9,756	3,129	2,977	15,863	205	99	59	362
SAN DIEGO	13,491	4,645	3,550	21,687	12,926	4,524	3,540	20,991	565	121	11	696
SAN FRANCISCO	157	30	28	215	54	22	24	100	102	8	4	114
SAN JOAQUIN	170,317	8,872	13,002	192,191	23,005	4,129	11,619	38,752	147,312	4,743	1,383	153,439
SAN LUIS OBISPO	1,662	635	497	2,794	855	331	409	1,595	807	304	87	1,199
SAN MATEO	774	349	322	1,444	751	315	321	1,388	22	33	1	57
SANTA BARBARA	5,736	3,723	2,019	11,478	1,120	986	1,141	3,247	4,617	2,737	878	8,231
SANTA CLARA	1,641	1,028	616	3,285	1,504	966	594	3,063	137	63	22	222
SANTA CRUZ	3,761	5,134	1,827	10,722	2,193	2,810	1,051	6,054	1,568	2,324	776	4,668
SHASTA	3,717	3,053	1,140	7,909	2,779	3,015	1,127	6,921	937	38	13	988
SISKIYOU	1,357	717	305	2,378	1,035	670	297	2,002	322	47	7	376
SOLANO	5,240	4,282	490	10,013	2,536	2,677	481	5,695	2,704	1,605	9	4,318
SONOMA	3,372	3,549	1,549	8,470	3,133	3,329	1,483	7,946	238	219	66	524
STANISLAUS	15,644	3,874	5,040	24,559	2,760	1,553	4,429	8,742	12,885	2,321	610	15,817
SUTTER	11,616	2,737	1,028	15,381	3,934	2,102	992	7,027	7,682	635	36	8,353
TEHAMA	1,868	546	990	3,404	1,110	484	968	2,561	758	63	22	843
TRINITY	54	17	17	87	53	17	17	87	0	0	0	0
TULARE	27,726	18,937	8,725	55,388	5,870	2,947	3,600	12,417	21,856	15,990	5,125	42,971
TUOLUMNE	38	11	11	60	38	11	11	60	0	0	0	0
VENTURA	30,602	7,596	73,153	111,351	7,321	2,099	71,430	80,849	23,281	5,498	1,723	30,502
YOLO	15,522	2,390	612	18,524	2,165	1,174	510	3,849	13,357	1,216	101	14,674
YUBA	2,667	454	300	3,421	727	434	295	1,457	1,940	20	4	1,965
** UNKNOWN **	43,417	17,842	13,319	74,578	22,783	6,684	9,318	38,786	20,634	11,158	4,001	35,793
TOTAL	636,782	185,192	190,886	1012859	201,465	95,187	165,239	461,892	435,317	90,005	25,646	550,968

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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	5	0	5	0	143	0	0	6	1	0	188	0	0	86	0	669
ALPINE	0	0	0	0	0	49	0	0	0	0	0	0	0	0	0	0	0
AMADOR	0	0	0	0	0	61	4	0	2	0	0	83	0	0	15	0	363
BUTTE	0	418	0	29,907	0	12,156	1,110	0	1,334	53	69	7,585	0	36	2,096	0	1,755
CALAVERAS	125	0	0	0	0	69	0	0	26	11	0	1,024	0	0	161	0	18
COLUSA	1,381	11,559	4	132,667	0	11,447	184	0	5,905	6	0	13,291	0	0	851	0	2,002
CONTRA COSTA	2,555	0	4	198	0	158	78	0	560	26	0	3,449	0	0	245	0	440
DEL NORTE	0	0	0	289	0	43	0	0	0	102	0	0	0	0	0	0	52
EL DORADO	0	0	0	290	0	41	0	0	0	8	0	103	0	0	16	0	55
FRESNO	3,007	1,356	0	49,671	0	6,742	22,162	0	45,552	4,345	563	83,566	8	0	5,189	1,079	22,932
GLENN	0	2,572	0	11,469	0	8,229	37	0	2,165	40	16	6,952	77	0	503	0	1,534
HUMBOLDT	0	0	0	0	0	5	0	0	0	198	0	0	0	0	27	0	546
IMPERIAL	4,021	23	307	19,303	665	206	39	6	7,220	170	251	50,725	38	0	33,297	3,682	8,542
INYO	0	0	0	137	0	142	0	4	72	2	0	28	0	2	30	12	16
KERN	5,103	227	0	1,508	48	1,779	6,980	0	7,856	2,449	9	71,797	0	7,415	3,364	73	23,513
KINGS	9,584	22	0	12	28	263	1,853	76	5,531	2,060	26	31,772	0	0	2,937	86	5,291
LAKE	0	0	0	0	0	66	9	0	322	10	0	394	0	0	144	0	15
LASSEN	0	0	0	0	0	509	0	0	84	0	0	39	0	0	130	0	83
LOS ANGELES	0	27	2	384	0	291	144	0	79	124	0	475	0	0	367	0	2,268
MADERA	109	79	0	581	0	514	4,369	0	3,733	5,267	2	16,470	0	0	953	743	4,739
MARIN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	52
MARIPOSA	0	0	0	0	0	1	0	0	53	0	0	2	0	0	0	0	3
MENDOCINO	0	27	0	31	0	31	0	1	33	9	0	102	0	0	19	0	1,915
MERCED	448	200	0	176	0	2,358	8,251	0	6,690	381	2	17,011	0	0	1,752	9	27,487
MODOC	260	0	0	25	0	801	350	0	364	0	0	485	0	0	1,117	51	35
MONO	0	0	0	0	0	150	0	0	0	0	0	58	0	0	24	0	0
MONTEREY	0	0	9	22,363	0	3,390	2,389	0	15,383	869	4	10,135	0	0	1,548	275	48,957
NAPA	6	0	0	0	0	64	0	4	45	165	0	346	0	0	12	0	598
NEVADA	0	119	0	0	0	5	4	0	0	2	0	0	0	0	0	0	45
ORANGE	0	0	1,485	511	0	517	13	0	508	183	0	106	3	6	184	46	2,855
PLACER	0	307	42	2,060	0	487	60	0	0	42	0	107	0	0	188	0	1,412
PLUMAS	0	0	0	0	0	36	0	0	0	0	0	0	0	0	0	0	1
RIVERSIDE	2,472	48	286	2,721	0	1,405	310	2	4,915	1,627	0	8,051	0	0	2,342	20	5,754
SACRAMENTO	1,208	1,051	0	1,337	0	1,240	30	0	758	591	203	2,938	0	0	616	0	1,091
SAN BENITO	0	0	0	2	0	87	4	0	1,580	63	0	241	0	0	44	0	5,103
SAN BERNARDINO	0	0	0	0	0	579	11	2	112	97	0	122	0	0	403	16	800
SAN DIEGO	0	0	122	930	0	677	49	10	2,236	16,932	86	729	0	0	10,671	58	11,623
SAN FRANCISCO	0	0	0	299	0	56	4	0	6	0	0	179	0	0	0	0	22
SAN JOAQUIN	194,806	7,639	398	6,690	0	19,026	2,432	0	88,998	20,124	72	127,180	968	0	38,373	4	21,150
SAN LUIS OBISPO	3	177	0	1,615	0	633	525	0	780	1,766	2	1,474	0	13	378	233	1,983
SAN MATEO	0	0	239	91	0	30	0	0	2	68	0	0	0	0	153	2	443
SANTA BARBARA	22	0	0	12,164	0	595	1,429	0	1,171	1,003	54	9,614	0	0	359	1,294	10,165
SANTA CLARA	0	0	13	0	0	225	253	0	6	340	0	265	6	0	168	0	3,063
SANTA CRUZ	0	1	7	2	0	31	37	0	9	58	0	32	0	0	71	3	12,456
SHASTA	909	41	0	27	0	5,142	0	0	41	60	0	449	0	0	1,359	2,238	12,066
SIERRA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SISKIYOU	302	0	0	25	0	1,097	370	0	302	30	0	574	0	0	1,454	51	343
SOLANO	3,769	1,002	0	573	0	5,778	161	0	633	4	0	2,946	0	0	1,724	0	341
SONOMA	14	0	6	106	0	50	12	7	243	289	0	66	26	0	27	0	885
STANISLAUS	1,867	78	0	3,180	485	6,138	1,248	0	23,215	219	29	32,683	617	0	1,950	0	9,616
SUTTER	499	3,934	0	24,703	0	13,776	268	47	2,486	358	414	7,264	0	0	2,309	0	1,464
TEHAMA	0	139	0	418	0	1,471	36	0	429	9	17	2,114	0	0	226	0	864
TRINITY	0	0	0	0	82	1	0	0	0	0	0	2	0	0	0	0	4
TULARE	4,511	24	20	801	0	3,497	3,542	1	7,072	1,030	40	37,078	207	0	5,053	13	40,556
TUOLUMNE	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
VENTURA	0	81	27	34,981	0	21,391	187	1	59,334	505	0	50,323	0	2	2,018	224	17,915
YOLO	639	9,578	0	34,333	0	7,417	1,616	0	3,663	49	0	18,587	0	0	1,841	0	1,291
YUBA	0	1,146	0	6,578	0	2,358	10	0	321	82	219	1,813	0	0	459	0	747
** UNKNOWN **	3,878	0	0	15,702	0	38	2,049	0	0	11,156	2,918	4,360	77	0	7,536	0	10,944
TOTAL	241,498	41,880	2,971	418,865	1,308	143,493	62,619	161	301,835	72,983	4,996	625,377	2,027	7,474	134,791	10,212	328,879

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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	61	201	0	6	0	2	862	3	1	1	13	377
ALPINE	0	0	0	0	0	0	0	0	0	0	0	0	0
AMADOR	0	3	0	0	0	0	0	540	20	0	0	11	182
BUTTE	0	1,979	2,311	0	3,115	0	0	2,352	4,779	131	209	9,634	960
CALAVERAS	0	0	114	0	15	0	0	17	8	0	0	2	12
COLUSA	2,798	3,126	972	0	4,307	0	0	2,713	83	248	23	4,361	1,087
CONTRA COSTA	0	73	31	0	462	0	0	552	159	8	4	115	252
DEL NORTE	0	42	0	44	0	0	0	48	0	0	14	0	34
EL DORADO	0	6	0	0	0	0	4	56	0	0	0	6	35
FRESNO	891	1,278	5,707	284	5,992	0	4	27,536	1,882	1,944	745	10,949	13,495
GLENN	6	905	1,150	0	13	0	0	1,964	1,802	0	101	7,861	866
HUMBOLDT	0	39	2	0	8	0	0	788	0	0	79	0	282
IMPERIAL	0	22	16,525	3,744	2,531	0	0	9,558	404	284	58	1,573	5,037
INYO	0	0	0	0	0	0	0	19	0	20	6	2	10
KERN	21	614	2,462	264	8,199	0	3	30,247	7,564	1,724	428	12,369	13,242
KINGS	115	153	1,827	898	2,823	0	4	5,948	541	27	264	1,560	3,233
LAKE	0	11	17	0	197	0	66	20	0	0	1	50	8
LASSEN	0	2	242	0	0	0	0	106	50	0	0	1	47
LOS ANGELES	0	15	177	23	15	0	8	2,719	23	24	4	997	1,336
MADERA	292	16	276	148	516	0	0	5,549	193	55	265	7,456	2,831
MARIN	0	0	15	0	0	0	5	73	0	10	0	146	27
MARIPOSA	0	0	0	0	0	0	0	2	0	3	0	0	2
MENDOCINO	0	14	21	0	35	0	0	2,824	0	0	0	128	971
MERCED	0	131	2,837	78	760	0	0	33,889	2,909	274	319	8,435	15,890
MODOC	0	1,248	692	0	1,345	0	0	37	37	0	0	619	22
MONO	0	0	477	0	0	0	0	0	15	0	0	0	0
MONTEREY	0	26	1,196	528	1,125	0	17	66,308	453	12	131	3,461	26,587
NAPA	0	26	62	0	70	0	14	706	0	16	2	387	356
NEVADA	0	13	14	0	0	0	0	60	17	0	0	44	24
ORANGE	36	107	100	9	446	0	108	3,633	1,477	0	29	29	1,620
PLACER	6	539	42	0	10	0	0	2,020	6	43	1	144	735
PLUMAS	0	0	0	0	0	0	0	2	0	0	0	0	1
RIVERSIDE	5	75	2,418	750	3,495	0	58	7,030	920	209	272	567	3,350
SACRAMENTO	29	743	543	0	53	790	20	1,232	211	65	1	284	665
SAN BENITO	0	0	0	0	7	0	0	6,595	24	0	5	89	2,865
SAN BERNARDINO	0	16	391	2	14	0	12	1,018	0	0	28	266	454
SAN DIEGO	169	94	167	401	2	0	30	13,280	69	596	282	1,931	7,041
SAN FRANCISCO	0	0	0	0	2	0	0	32	0	0	1	13	11
SAN JOAQUIN	0	241	453	0	1,993	2,168	27	27,105	5,948	2,311	11,490	27,918	11,941
SAN LUIS OBISPO	0	14	36	5	231	0	1	2,264	7	169	343	173	1,202
SAN MATEO	23	0	26	58	0	0	125	587	45	0	34	163	244
SANTA BARBARA	28	0	364	46	410	0	5	13,025	965	10	504	577	5,740
SANTA CLARA	0	52	1	0	9	0	30	3,550	7	0	4	239	1,841
SANTA CRUZ	0	1	0	1	2	0	33	16,786	29	0	75	62	6,790
SHASTA	0	527	1,075	0	0	0	0	13,729	119	680	2	329	7,325
SIERRA	0	0	0	0	0	0	0	0	0	0	0	0	0
SISKIYOU	0	2,871	457	0	164	0	0	433	304	0	0	476	195
SOLANO	216	3,688	3,182	0	5,085	2,677	48	402	1,315	172	24	53	203
SONOMA	0	69	85	0	189	0	56	1,113	59	14	20	506	506
STANISLAUS	0	149	877	0	2,275	0	2	11,848	5,649	1,454	245	14,011	5,570
SUTTER	1,186	2,995	1,161	0	1,670	0	0	2,122	705	74	207	1,512	754
TEHAMA	0	250	17	0	5	0	0	1,158	643	0	37	1,527	472
TRINITY	0	0	0	0	0	0	0	5	0	0	1	0	2
TULARE	95	46	3,317	1,011	1,555	0	4	55,273	2,231	596	990	4,187	21,923
TUOLUMNE	0	1	0	0	0	0	0	0	0	0	0	0	0
VENTURA	0	864	652	346	1,643	0	55	23,617	313	94	738	141,210	9,921
YOLO	1,107	1,525	1,068	0	2,980	0	6	1,614	494	29	1	800	741
YUBA	6	798	137	0	36	0	0	934	288	37	115	291	428
** UNKNOWN **	49	27	2,438	1,235	8,677	0	100	15,931	565	399	3	7,316	5,615
TOTAL	7,078	25,495	56,335	9,875	62,487	5,635	847	421,834	43,335	11,733	18,106	274,853	185,360

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COUNTY	COPPER	IRON	GYPSUM	LIME	SEWAGE SLUDGE	SULFUR	SULFURIC ACID	OTHER SEC MIC	ALL OTHER
ALAMEDA	0	48	124	32	0	122,484	0	888	0
ALPINE	0	0	0	0	0	0	0	0	0
AMADOR	0	0	115	36	0	14	0	99	0
BUTTE	88	24	5,925	4,456	0	918	73	6,966	7
CALAVERAS	1	0	959	7	0	1,141	0	4	0
COLUSA	81	0	16,693	10,567	0	246	49	2,980	17
CONTRA COSTA	0	4	2,755	38	0	285	0	162	0
DEL NORTE	0	0	3	9	0	0	0	11	0
EL DORADO	0	2	0	24	0	43	0	28	0
FRESNO	129	548	626,597	41,773	992	38,874	7,229	103,691	176
GLENN	2	0	5,610	11,321	0	1,556	0	9,808	0
HUMBOLDT	0	25	12	511	0	0	0	89	0
IMPERIAL	11	42	1,599	36,689	0	1,743	775	3,305	43
INYO	0	2	12	2	0	332	2	328	0
KERN	186	290	401,847	13,891	5,393	13,938	17,218	53,490	577
KINGS	5	53	95,626	11,392	29,759	7,945	58,201	5,671	0
LAKE	0	0	824	0	0	144	0	0	21
LASSEN	0	5	1,365	21	0	302	0	0	0
LOS ANGELES	2	88	682	13	1,352	317	414	965	104
MADERA	250	24	22,308	4,181	100	4,112	3,181	16,970	2
MARIN	0	0	0	0	0	400	0	4	0
MARIPOSA	0	0	3	0	19	0	0	0	2
MENDOCINO	0	0	282	88	0	3,964	0	28	2
MERCED	9	8	30,873	10,434	3,540	12,846	1,962	18,280	20
MODOC	0	0	2,010	308	4,968	823	75	2,661	0
MONO	0	2	0	0	0	48	101	6	0
MONTEREY	15	14	7,468	50,520	326	1,165	928	44,074	163
NAPA	0	2	6,402	2,966	0	24	0	1,570	7,620
NEVADA	0	0	0	130	0	0	0	2	4
ORANGE	1	328	788	86	100	88	0	4,619	58
PLACER	1	52	240	131	0	2	0	136	15
PLUMAS	0	0	0	0	0	0	0	0	0
RIVERSIDE	27	275	1,355	159	7,950	208	55	4,576	76
SACRAMENTO	0	57	1,234	1,013	2,238	807	50	10,294	105
SAN BENITO	0	1	5,067	7	0	113	17	90	720
SAN BERNARDINO	0	28	200	12	773	22	0	480	142
SAN DIEGO	9	322	2,459	104	17	19	25	6,870	96
SAN FRANCISCO	0	0	153	120	0	0	0	6	0
SAN JOAQUIN	55	161	38,807	32,681	0	11,870	893	37,683	41
SAN LUIS OBISPO	2	31	1,722	111,254	0	328	0	19,447	163
SAN MATEO	1	316	60	255	0	13	0	84	44
SANTA BARBARA	7	65	45,749	17,110	0	176	211	32,403	196,018
SANTA CLARA	0	185	895	1,083	0	24	0	355	49,921
SANTA CRUZ	4	4	4,809	2,537	0	768	22	32,525	86
SHASTA	0	0	2,483	15,101	0	631	0	18	7
SIERRA	0	0	0	0	0	0	0	1	0
SISKIYOU	0	0	5,101	661	0	1,442	100	3,007	6
SOLANO	4	13	3,823	2,299	1,187	980	0	175	2
SONOMA	0	2	5,298	2,837	0	348	24	5,479	1
STANISLAUS	16	1,205	51,888	29,650	0	9,733	328	20,231	15
SUTTER	60	0	4,036	2,236	0	802	0	69,945	18
TEHAMA	7	13	4,509	4,789	0	359	0	479	0
TRINITY	0	0	0	0	0	0	0	0	0
TULARE	109	99	89,151	9,415	925	22,554	6,249	17,595	476
TUOLUMNE	0	0	0	0	0	0	0	0	0
VENTURA	2	268	2,112	172	549	837	212,601	7,464	65,329
YOLO	10	0	8,104	17,052	0	770	0	36,980	10
YUBA	12	0	129	811	0	53	0	8,525	0
** UNKNOWN **	0	0	363	0	0	1,839	2,214	2,589	170
TOTAL	1,106	4,606	1,510,628	450,984	60,188	268,450	312,997	594,136	322,277

STATE OF CALIFORNIA - DEPARTMENT OF FOOD AND AGRICULTURE
TONNAGE REPORT OF COMMERCIAL FERTILIZERS AND AGRICULTURAL MINERALS
July 2011 - June 2012
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	1,882	348	400	2,630	122,713	735	128	123,576	228,297	209	401	228,907	355,113
ALPINE	0	49	0	49	0	0	0	0	0	0	0	0	49
AMADOR	34	1,122	128	1,284	11	152	101	264	499	0	27	526	2,074
BUTTE	1,809	35,103	45,077	81,989	1,892	15,382	1,183	18,457	23,296	9,485	167	32,948	133,394
CALAVERAS	2	367	1,233	1,602	960	60	1,092	2,112	83	0	3	86	3,800
COLUSA	1,229	24,983	172,803	199,015	3,739	25,388	1,506	30,633	41	1,885	5	1,931	231,579
CONTRA COSTA	355	1,202	7,812	9,369	46	3,054	144	3,244	30,132	470	228	30,830	43,443
DEL NORTE	250	85	333	668	23	0	0	23	334	0	394	728	1,419
EL DORADO	148	65	407	620	53	9	35	97	23,488	2,779	2,602	28,869	29,586
FRESNO	22,319	52,097	242,463	316,879	12,832	731,666	75,511	820,009	32,821	7,972	72	40,865	1,177,753
GLENN	2,150	21,544	24,568	48,262	627	18,394	9,276	28,297	70	1,572	1	1,643	78,202
HUMBOLDT	1,820	147	8	1,975	130	507	0	637	31,472	252	192	31,916	34,528
IMPERIAL	1,593	59,946	106,692	168,231	942	38,660	4,605	44,207	1,686	31,399	2	33,087	245,525
INYO	172	118	212	502	66	480	132	678	122	0	0	122	1,302
KERN	23,695	44,997	140,566	209,258	11,304	467,027	28,499	506,830	10,113	15,577	38	25,728	741,816
KINGS	5,436	10,198	61,300	76,934	1,618	143,570	63,464	208,652	1,014	1,968	1	2,983	288,569
LAKE	181	216	934	1,331	231	758	0	989	6,700	0	7	6,707	9,027
LASSEN	75	1,079	139	1,293	0	1,693	0	1,693	9	0	1	10	2,996
LOS ANGELES	6,771	1,229	1,502	9,502	1,630	1,948	359	3,937	104,485	34,571	687	139,743	153,182
MADERA	4,117	13,249	37,790	55,156	2,549	25,529	23,050	51,128	6,130	1,871	9	8,010	114,294
MARIN	169	161	0	330	404	0	0	404	22,026	1,663	166	23,855	24,589
MARIPOSA	10	1	55	66	5	19	0	24	3,222	0	0	3,222	3,312
MENDOCINO	439	275	5,447	6,161	4,104	248	12	4,364	17,594	0	489	18,083	28,608
MERCED	8,263	72,808	49,216	130,287	2,519	71,338	4,115	77,972	2,262	2,778	621	5,661	213,920
MODOC	0	4,542	2,946	7,488	0	10,689	156	10,845	126	0	0	126	18,459
MONO	0	666	58	724	4	52	101	157	72	0	7	79	960
MONTEREY	3,629	78,641	122,896	205,166	1,830	63,554	39,289	104,673	2,904	7,868	9	10,781	320,620
NAPA	467	1,185	1,227	2,879	172	18,240	172	18,584	995	129	1,465	2,589	24,052
NEVADA	72	127	148	347	6	129	1	136	23,046	4,843	39	27,928	28,411
ORANGE	9,277	1,754	2,980	14,011	1,333	446	4,289	6,068	77,421	26,484	825	104,730	124,809
PLACER	1,252	4,458	2,541	8,251	204	360	13	577	22,821	2,399	78	25,298	34,126
PLUMAS	4	36	0	40	0	0	0	0	13	0	1	14	54
RIVERSIDE	13,288	6,928	28,886	49,102	5,024	9,175	482	14,681	179,103	70,421	332	249,856	313,639
SACRAMENTO	2,541	4,217	8,941	15,699	939	14,633	226	15,798	200,024	1,965	14,609	216,598	248,095
SAN BENITO	4,608	8,558	3,543	16,709	146	5,791	78	6,015	77	3	1	81	22,805
SAN BERNARDINO	3,032	748	562	4,342	824	827	6	1,657	56,507	108,019	1,479	166,005	172,004
SAN DIEGO	31,790	31,773	4,622	68,185	2,685	7,160	76	9,921	91,973	12,058	127	104,158	182,264
SAN FRANCISCO	43	69	513	625	59	214	6	279	43,097	47	158	43,302	44,206
SAN JOAQUIN	39,221	118,081	462,153	619,455	12,246	79,353	30,592	122,191	51,686	133,305	3,471	188,462	930,108
SAN LUIS OBISPO	2,793	3,591	7,642	14,026	666	117,568	14,713	132,947	11,692	61	28	11,781	158,754
SAN MATEO	1,917	259	157	2,333	737	35	1	773	61,982	750	34	62,766	65,872
SANTA BARBARA	8,968	8,421	42,154	59,543	1,741	63,984	226,014	291,739	16,519	1,591	164	18,274	369,556
SANTA CLARA	3,236	5,655	1,181	10,072	669	1,969	49,825	52,463	116,006	34	149	116,189	178,724
SANTA CRUZ	2,043	21,247	13,196	36,486	546	18,239	21,970	40,755	28,964	418	87	29,469	106,710
SHASTA	135	42,071	3,912	46,118	88	18,152	0	18,240	18,573	0	35	18,608	82,966
SIERRA	0	0	0	0	1	0	0	1	0	0	0	0	1
SISKIYOU	91	7,135	2,222	9,448	53	10,091	173	10,317	179	150	4	333	20,098
SOLANO	711	19,041	14,244	33,996	671	7,719	93	8,483	13,198	930	52	14,180	56,659
SONOMA	1,565	1,299	1,484	4,348	1,036	12,698	255	13,989	52,705	22,685	859	76,249	94,586
STANISLAUS	5,666	42,574	75,165	123,405	4,835	96,634	11,597	113,066	38,960	6,850	286	46,096	282,567
SUTTER	912	26,640	42,355	69,907	1,706	7,140	68,251	77,097	7,333	463	5	7,801	154,805
TEHAMA	833	5,445	3,555	9,833	43	10,094	19	10,156	8,606	0	68	8,674	28,663
TRINITY	2	12	84	98	0	0	0	0	4,436	2	4	4,442	4,540
TULARE	10,643	24,958	159,071	194,672	7,989	121,754	16,830	146,573	27,662	24,638	196	52,496	393,741
TUOLUMNE	0	3	0	3	0	0	0	0	1,010	0	1	1,011	1,014
VENTURA	8,780	175,831	181,831	366,442	1,896	3,213	284,225	289,334	19,559	4,324	324	24,207	679,983
YOLO	678	15,293	73,409	89,380	1,086	61,209	631	62,926	34,905	135	37	35,077	187,383
YUBA	307	6,249	10,247	16,803	27	9,474	29	9,530	2,128	32	2	2,162	28,495
** UNKNOWN **	1,037	30,819	69,157	101,013	259	4,247	2,669	7,175	274,367	1,001	74,374	349,742	457,930
TOTAL	242,460	1,039,715	2,242,167	3,524,342	217,919	2,321,459	985,994	3,525,372	2,034,545	546,056	105,423	2,686,024	9,735,738

STATE OF CALIFORNIA - DEPARTMENT OF FOOD AND AGRICULTURE
TONNAGE REPORT OF COMMERCIAL FERTILIZERS AND AGRICULTURAL MINERALS
July 2011 - June 2012
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	1,192	658	375	2,225	1,071	620	351	2,042	121	38	24	183
ALPINE	10	0	0	10	10	0	0	10	0	0	0	0
AMADOR	215	206	94	514	180	204	93	477	35	1	1	37
BUTTE	14,499	3,652	8,305	26,455	5,088	2,344	8,214	15,646	9,411	1,308	91	10,809
CALAVERAS	550	71	11	632	108	62	9	179	442	9	3	453
COLUSA	40,315	4,841	2,675	47,831	4,216	2,722	2,443	9,381	36,100	2,119	231	38,450
CONTRA COSTA	4,379	580	443	5,402	919	327	405	1,651	3,460	254	38	3,751
DEL NORTE	125	53	22	200	68	29	22	119	58	24	0	82
EL DORADO	1,184	338	331	1,854	833	259	253	1,344	352	80	79	510
FRESNO	64,684	15,383	12,002	92,070	10,441	8,638	9,804	28,882	54,243	6,745	2,199	63,188
GLENN	8,217	1,471	5,353	15,041	2,642	1,249	5,269	9,159	5,575	223	84	5,881
HUMBOLDT	484	361	203	1,048	468	354	199	1,021	16	7	4	27
IMPERIAL	48,502	15,443	3,513	67,458	21,191	9,386	2,333	32,910	27,311	6,057	1,180	34,548
INYO	114	10	15	139	70	9	14	94	44	1	0	45
KERN	45,664	15,338	16,266	77,268	10,492	5,935	13,927	30,354	35,172	9,404	2,338	46,914
KINGS	23,369	4,495	2,306	30,170	2,807	1,821	1,755	6,383	20,562	2,675	551	23,787
LAKE	335	128	41	505	132	59	40	231	204	69	1	274
LASSEN	249	163	46	458	220	161	45	427	29	2	1	32
LOS ANGELES	8,237	3,122	3,041	14,400	7,879	3,037	3,001	13,916	359	85	40	484
MADERA	10,019	2,448	4,938	17,405	1,748	978	4,423	7,148	8,272	1,470	515	10,257
MARIN	344	133	182	659	334	130	179	644	9	3	3	15
MARIPOSA	19	3	4	26	10	3	4	17	10	0	0	10
MENDOCINO	1,115	1,145	517	2,777	405	185	195	785	710	960	322	1,992
MERCED	19,337	13,480	11,511	44,328	9,377	10,378	10,566	30,320	9,960	3,102	946	14,007
MODOC	1,595	1,080	340	3,015	966	616	335	1,916	630	464	5	1,099
MONO	119	250	11	379	100	250	11	360	19	0	0	19
MONTEREY	29,987	24,737	11,340	66,063	10,823	11,707	6,934	29,464	19,164	13,029	4,406	36,600
NAPA	465	330	338	1,133	243	177	290	711	222	153	48	422
NEVADA	486	163	173	823	456	158	171	785	30	5	2	38
ORANGE	5,018	2,451	2,357	9,827	4,572	2,064	2,270	8,906	446	388	87	921
PLACER	2,154	1,106	595	3,855	1,632	1,090	590	3,313	521	15	5	542
PLUMAS	9	1	1	11	9	1	1	11	0	0	0	0
RIVERSIDE	25,445	9,824	6,639	41,908	18,317	7,224	6,212	31,753	7,128	2,600	427	10,155
SACRAMENTO	16,110	4,759	4,188	25,057	12,571	4,208	3,890	20,669	3,539	550	298	4,387
SAN BENITO	2,141	2,290	1,028	5,459	1,590	2,049	910	4,549	552	241	118	911
SAN BERNARDINO	10,282	3,442	3,170	16,893	10,048	3,337	3,108	16,493	234	104	62	400
SAN DIEGO	18,699	6,745	5,432	30,875	17,835	6,498	5,418	29,751	864	247	13	1,124
SAN FRANCISCO	197	30	28	255	66	22	24	112	131	8	4	144
SAN JOAQUIN	255,393	11,605	27,882	294,880	32,828	5,530	25,816	64,174	222,565	6,075	2,066	230,706
SAN LUIS OBISPO	2,881	1,010	818	4,710	1,476	577	661	2,714	1,406	433	157	1,995
SAN MATEO	833	462	351	1,647	811	429	350	1,589	22	33	1	57
SANTA BARBARA	10,463	4,944	3,090	18,498	2,323	2,010	2,101	6,435	8,140	2,934	989	12,063
SANTA CLARA	2,317	1,520	1,024	4,860	2,107	1,438	987	4,533	210	82	36	328
SANTA CRUZ	4,747	6,009	2,514	13,270	3,151	3,662	1,722	8,535	1,596	2,347	792	4,735
SHASTA	7,357	5,285	2,791	15,434	5,973	5,248	2,778	13,999	1,384	38	13	1,435
SIERRA	0	0	0	0	0	0	0	0	0	0	0	0
SISKIYOU	2,116	1,025	494	3,635	1,508	916	463	2,887	608	109	31	748
SOLANO	8,608	5,124	1,084	14,817	3,617	3,365	1,070	8,052	4,992	1,760	14	6,765
SONOMA	3,560	3,719	1,763	9,042	3,281	3,487	1,692	8,460	279	232	71	581
STANISLAUS	23,185	5,436	12,791	41,412	5,216	2,725	12,056	19,996	17,969	2,712	735	21,416
SUTTER	14,690	3,106	1,585	19,382	5,323	2,421	1,542	9,286	9,367	685	43	10,095
TEHAMA	2,230	646	1,507	4,382	1,304	576	1,480	3,360	925	70	27	1,022
TRINITY	71	18	17	106	54	17	17	88	17	0	0	18
TULARE	37,509	22,925	12,169	72,603	7,713	4,481	5,508	17,702	29,796	18,444	6,661	54,901
TUOLUMNE	38	11	11	60	38	11	11	60	0	0	0	0
VENTURA	46,309	9,785	74,777	130,871	8,711	3,276	72,562	84,549	37,598	6,509	2,215	46,322
YOLO	20,167	3,057	1,067	24,291	3,556	1,706	938	6,199	16,612	1,351	129	18,092
YUBA	3,396	573	526	4,495	1,134	544	519	2,197	2,263	28	7	2,297
** UNKNOWN **	43,681	18,063	13,486	75,230	22,956	6,824	9,423	39,203	20,724	11,239	4,063	36,027
TOTAL	895,419	245,056	267,579	1,408,054	273,016	137,533	235,403	645,951	622,403	107,523	32,176	762,102

FERTILIZING MATERIALS

TONNAGE REPORT

JULY - DECEMBER 2012

cdfa 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
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

Feed, Fertilizer, and Livestock Drugs Regulatory Services Branch • 1220 N Street • Sacramento, California 95814 **State of California**
Telephone: 916.900.5022 • Fax: 916.900.5349 • www.cdfa.ca.gov Edmund G. Brown Jr., Governor

STATE OF CALIFORNIA - DEPARTMENT OF FOOD AND AGRICULTURE
TONNAGE REPORT OF COMMERCIAL FERTILIZERS AND AGRICULTURAL MINERALS
JANUARY 2011 - DECEMBER 2012
TOTAL TONS OF MATERIALS REPORTED FOR THE PERIOD INDICATED

CODE	MATERIAL NAME	JAN-JUNE 2011	JAN-JUNE 2012	JULY-DEC 2011	JULY-DEC 2012	JAN-DEC 2011	JAN-DEC 2012
0	N-P-K GRADES	693,629	0	1,871,216	700,200	2,564,845	700,200
0	IDENTIFIED BY GRADE	451,365	1,659,903	304,561	369,831	755,926	2,029,734
2	ANHYDROUS AMMONIA	143,104	153,217	88,281	17,133	231,385	170,350
6	AQUA AMMONIA	0	810	41,070	21,970	41,070	22,780
10	AMMONIUM NITRATE	971	1,327	1,644	1,581	2,615	2,908
12	AMMONIUM NITRATE SOLUTION	300,212	361,897	56,968	26,008	357,180	387,905
20	AMMONIUM POLYSULFIDE	0	327	981	666	981	993
24	AMMONIUM SULFATE	72,161	90,506	52,987	56,506	125,148	147,012
31	AMMONIUM THIOSULFATE	36,110	45,497	17,122	15,249	53,232	60,746
35	CALCIUM AMMONIUM NITRATE	197,787	191,313	110,522	346,287	308,309	537,600
43	CALCIUM NITRATE	38,824	48,263	24,720	32,205	63,544	80,468
58	NITROGEN SOLUTION 28%	1,003	4,365	631	1,148	1,634	5,513
60	NITROGEN SOLUTION 32%	391,935	431,492	193,885	193,262	585,820	624,754
61	NITROGEN SOLUTION >32%	0	236	0	0	0	236
62	SODIUM NITRATE	1,506	1,803	224	536	1,730	2,339
64	SULFUR COATED UREA	11	47	7,427	12	7,438	59
66	UREA	100,616	91,313	43,478	55,138	144,094	146,451
67	UREA SOLUTION	0	2,622	7,590	3,742	7,590	6,364
203	DIAMMONIUM PHOSPHATE	3,232	5,665	1,413	877	4,645	6,542
207	AMMONIUM PHOSPHATE SULFATE	24,935	18,623	6,872	6,957	31,807	25,580
209	MONOAMMONIUM PHOSPHATE	24,022	24,245	32,090	32,276	56,112	56,521
248	PHOSPHORIC ACID	11,166	6,480	3,395	4,238	14,561	10,718
249	LIQUID AMMONIUM POLYPHOSPHATE	40,251	42,671	19,816	26,703	60,067	69,374
263	SUPERPHOSPHATE, NORMAL	688	5,436	199	19	887	5,455
267	SUPERPHOSPHATE, TRIPLE	401	422	425	970	826	1,392
428	MURIATE OF POTASH 60% (POT. CHLORID	21,511	26,731	16,604	16,047	38,115	42,778
443	POTASSIUM-MAGNESIUM SULFATE	4,546	5,474	6,259	5,267	10,805	10,741
453	POTASSIUM NITRATE	11,501	12,581	5,525	7,135	17,026	19,716
463	POTASSIUM SULFATE	35,555	197,797	77,056	140,322	112,611	338,119
601	BLOOD, DRIED	37	145	16	211	53	356
667	SEWAGE SLUDGE, OTHER	2,063	57,209	2,979	85,681	5,042	142,890
723	COPPER COMPOUND	475	773	333	588	808	1,361
731	IRON COMPOUND	2,516	2,254	2,352	1,656	4,868	3,910
732	GYPSUM (CALCIUM SULFATE)	378,817	567,891	942,737	1,058,100	1,321,554	1,625,991
770	SULFUR	50,033	301,967	74,939	105,446	124,972	407,413
774	SULFURIC ACID	40,149	267,833	45,164	532,483	85,313	800,316
797	SEC./MICRONUT. - CODE UNKNOWN	268,243	271,415	322,723	141,597	590,966	413,012
907	LIME PRODUCT - CODE UNKNOWN	130,636	150,565	300,419	423,035	431,055	573,600
0	TOTAL	3,480,011	5,051,115	4,684,623	4,431,082	8,164,634	9,482,197

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CODE	MATERIAL NAME	JAN-JUNE 11 N	JAN-JUNE 11 P2O5	JAN-JUNE 11 K2O	JAN-JUNE 12 N	JAN-JUNE 12 P2O5	JAN-JUNE 12 K2O
0	IDENTIFIED BY GRADE	54,164	81,246	27,082	178,932	146,856	69,209
2	ANHYDROUS AMMONIA	117,345	0	0	125,638	0	0
6	AQUA AMMONIA	0	0	0	162	0	0
10	AMMONIUM NITRATE	330	0	0	451	0	0
12	AMMONIUM NITRATE SOLUTION	60,042	0	0	72,379	0	0
20	AMMONIUM POLYSULFIDE	0	0	0	65	0	0
24	AMMONIUM SULFATE	15,154	0	0	19,006	0	0
31	AMMONIUM THIOSULFATE	4,333	0	0	5,460	0	0
35	CALCIUM AMMONIUM NITRATE	33,624	0	0	32,523	0	0
43	CALCIUM NITRATE	5,824	0	0	7,239	0	0
58	NITROGEN SOLUTION 28%	281	0	0	1,222	0	0
60	NITROGEN SOLUTION 32%	125,419	0	0	138,077	0	0
61	NITROGEN SOLUTION >32%	0	0	0	80	0	0
62	SODIUM NITRATE	241	0	0	288	0	0
64	SULFUR COATED UREA	4	0	0	17	0	0
66	UREA	46,283	0	0	42,004	0	0
67	UREA SOLUTION	0	0	0	524	0	0
203	DIAMMONIUM PHOSPHATE	582	1,487	0	1,020	2,606	0
207	AMMONIUM PHOSPHATE SULFATE	3,990	4,987	0	2,980	3,725	0
209	MONOAMMONIUM PHOSPHATE	2,642	12,491	0	2,667	12,607	0
248	PHOSPHORIC ACID	0	6,030	0	0	3,499	0
249	LIQUID AMMONIUM POLYPHOSPHATE	4,025	13,685	0	4,267	14,508	0
263	SUPERPHOSPHATE, NORMAL	0	151	0	0	1,196	0
267	SUPERPHOSPHATE, TRIPLE	0	184	0	0	194	0
428	MURIATE OF POTASH 60% (POT. CHLORID	0	0	12,907	0	0	16,039
443	POTASSIUM-MAGNESIUM SULFATE	0	0	1,000	0	0	1,204
453	POTASSIUM NITRATE	1,610	0	5,060	1,761	0	5,536
463	POTASSIUM SULFATE	0	0	17,778	0	0	98,899
601	BLOOD, DRIED	4	0	0	17	0	0
667	SEWAGE SLUDGE, OTHER	0	0	0	0	0	0
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
0	TOTAL	475,898	120,262	63,827	636,782	185,192	190,886

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CODE	MATERIAL NAME	JULY-DEC 11 N	JULY-DEC 11 P2O5	JULY-DEC 11 K2O	JULY-DEC 12 N	JULY-DEC 12 P2O5	JULY-DEC 12 K2O
0	IDENTIFIED BY GRADE	35,938	32,283	24,365	43,640	39,201	29,586
2	ANHYDROUS AMMONIA	72,390	0	0	14,049	0	0
6	AQUA AMMONIA	8,214	0	0	4,394	0	0
10	AMMONIUM NITRATE	559	0	0	538	0	0
12	AMMONIUM NITRATE SOLUTION	11,394	0	0	5,202	0	0
20	AMMONIUM POLYSULFIDE	196	0	0	133	0	0
24	AMMONIUM SULFATE	11,127	0	0	11,866	0	0
31	AMMONIUM THIOSULFATE	2,055	0	0	1,830	0	0
35	CALCIUM AMMONIUM NITRATE	18,789	0	0	58,869	0	0
43	CALCIUM NITRATE	3,708	0	0	4,831	0	0
58	NITROGEN SOLUTION 28%	177	0	0	321	0	0
60	NITROGEN SOLUTION 32%	62,043	0	0	61,844	0	0
61	NITROGEN SOLUTION >32%	0	0	0	0	0	0
62	SODIUM NITRATE	36	0	0	86	0	0
64	SULFUR COATED UREA	2,674	0	0	4	0	0
66	UREA	20,000	0	0	25,363	0	0
67	UREA SOLUTION	1,518	0	0	748	0	0
203	DIAMMONIUM PHOSPHATE	254	650	0	158	403	0
207	AMMONIUM PHOSPHATE SULFATE	1,100	1,374	0	1,113	1,391	0
209	MONOAMMONIUM PHOSPHATE	3,530	16,687	0	3,550	16,784	0
248	PHOSPHORIC ACID	0	1,833	0	0	2,289	0
249	LIQUID AMMONIUM POLYPHOSPHATE	1,982	6,737	0	2,670	9,079	0
263	SUPERPHOSPHATE, NORMAL	0	44	0	0	4	0
267	SUPERPHOSPHATE, TRIPLE	0	196	0	0	446	0
428	MURIATE OF POTASH 60% (POT. CHLORID	0	0	9,962	0	0	9,628
443	POTASSIUM-MAGNESIUM SULFATE	0	0	1,377	0	0	1,159
453	POTASSIUM NITRATE	773	0	2,431	999	0	3,139
463	POTASSIUM SULFATE	0	0	38,528	0	0	70,161
601	BLOOD, DRIED	2	0	0	25	0	0
667	SEWAGE SLUDGE, OTHER	179	60	30	5,141	1,714	857
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
0	TOTAL	258,637	59,864	76,693	247,375	71,311	114,530

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CODE	MATERIAL NAME	JAN-DEC 11 N	JAN-DEC 11 P2O5	JAN-DEC 11 K2O	JAN-DEC 12 N	JAN-DEC 12 P2O5	JAN-DEC 12 K2O
0	IDENTIFIED BY GRADE	90,102	113,529	51,447	222,571	186,057	98,795
2	ANHYDROUS AMMONIA	189,736	0	0	139,687	0	0
6	AQUA AMMONIA	8,214	0	0	4,556	0	0
10	AMMONIUM NITRATE	889	0	0	989	0	0
12	AMMONIUM NITRATE SOLUTION	71,436	0	0	77,581	0	0
20	AMMONIUM POLYSULFIDE	196	0	0	199	0	0
24	AMMONIUM SULFATE	26,281	0	0	30,873	0	0
31	AMMONIUM THIOSULFATE	6,388	0	0	7,290	0	0
35	CALCIUM AMMONIUM NITRATE	52,413	0	0	91,392	0	0
43	CALCIUM NITRATE	9,532	0	0	12,070	0	0
58	NITROGEN SOLUTION 28%	458	0	0	1,544	0	0
60	NITROGEN SOLUTION 32%	187,462	0	0	199,921	0	0
61	NITROGEN SOLUTION >32%	0	0	0	80	0	0
62	SODIUM NITRATE	277	0	0	374	0	0
64	SULFUR COATED UREA	2,678	0	0	21	0	0
66	UREA	66,283	0	0	67,367	0	0
67	UREA SOLUTION	1,518	0	0	1,273	0	0
203	DIAMMONIUM PHOSPHATE	836	2,137	0	1,178	3,009	0
207	AMMONIUM PHOSPHATE SULFATE	5,089	6,361	0	4,093	5,116	0
209	MONOAMMONIUM PHOSPHATE	6,172	29,178	0	6,217	29,391	0
248	PHOSPHORIC ACID	0	7,863	0	0	5,788	0
249	LIQUID AMMONIUM POLYPHOSPHATE	6,007	20,423	0	6,937	23,587	0
263	SUPERPHOSPHATE, NORMAL	0	195	0	0	1,200	0
267	SUPERPHOSPHATE, TRIPLE	0	380	0	0	640	0
428	MURIATE OF POTASH 60% (POT. CHLORID	0	0	22,869	0	0	25,667
443	POTASSIUM-MAGNESIUM SULFATE	0	0	2,377	0	0	2,363
453	POTASSIUM NITRATE	2,384	0	7,491	2,760	0	8,675
463	POTASSIUM SULFATE	0	0	56,306	0	0	169,060
601	BLOOD, DRIED	6	0	0	43	0	0
667	SEWAGE SLUDGE, OTHER	179	60	30	5,141	1,714	857
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
0	TOTAL	734,535	180,126	140,520	884,157	256,503	305,416

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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	0	0	0	0	0	0	330	0	0	0	0	9	0	0	0	0	186
AMADOR	0	0	0	0	0	37	0	0	0	0	0	0	0	0	68	0	23
BUTTE	0	821	0	0	0	6,310	32	0	238	12	39	1,483	0	1	1,114	0	508
CALAVERAS	0	0	0	0	0	13	0	0	1	0	0	5	0	0	0	0	8
COLUSA	446	2,421	0	0	0	7,007	49	0	1,621	15	0	3,423	0	0	1,247	27	503
CONTRA COSTA	1,187	0	0	0	0	168	11	0	249	35	0	417	0	0	82	0	312
DEL NORTE	0	0	0	0	0	9	0	0	0	4	0	0	0	0	0	0	119
EL DORADO	0	0	0	0	0	24	0	0	35	1	0	21	0	0	1	0	23
FRESNO	1,083	1,422	0	4	0	1,636	3,961	0	12,747	293	24	27,757	0	0	2,261	572	14,195
GLENN	0	2,260	0	0	0	3,068	136	0	1,042	4	0	1,414	0	0	167	0	819
HUMBOLDT	0	0	0	0	0	5	0	0	0	0	0	0	0	0	1	0	64
IMPERIAL	225	0	1,352	5,090	317	171	21	71	2,661	11	112	19,409	1	0	14,463	63	16,209
INYO	0	0	0	0	0	76	0	1	34	3	0	80	0	1	42	13	6
KERN	1,890	3	0	117	66	727	1,946	0	216,925	1,025	1	17,353	0	0	1,252	525	6,821
KINGS	5,422	1	0	67	0	60	122	62	605	260	8	13,484	0	0	1,426	4	2,270
LAKE	0	0	0	0	0	43	0	0	94	3	0	18	0	0	91	0	9
LASSEN	0	0	0	0	0	25	0	0	58	0	0	36	0	0	0	0	0
LOS ANGELES	0	23	0	0	0	416	24	0	3	45	0	111	0	0	231	0	1,183
MADERA	13	11	0	0	0	245	747	0	236	2,412	1	4,474	0	0	352	319	1,985
MARIN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	4
MARIPOSA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MENDOCINO	0	0	0	19	0	0	0	1	7	0	0	7	0	0	2	0	71
MERCED	327	277	0	10	55	1,238	1,838	0	3,512	69	34	4,872	0	0	567	11	14,283
MODOC	29	0	0	0	0	142	232	0	229	0	0	464	0	0	286	38	45
MONO	0	0	0	0	0	85	0	0	0	0	0	-21	0	0	32	0	0
MONTEREY	0	0	0	9,414	0	1,422	937	0	7,692	131	0	4,748	0	0	568	12	9,400
NAPA	3	0	0	0	0	32	0	0	32	111	0	14	0	0	9	0	737
NEVADA	0	117	0	0	0	26	0	0	0	0	0	0	0	0	10	0	16
ORANGE	0	0	0	25	0	258	3	0	170	35	0	288	13	0	123	0	1,928
PLACER	0	247	0	0	0	290	0	0	1	1	0	45	0	0	101	0	158
PLUMAS	0	0	0	0	0	21	0	0	0	0	0	0	0	0	0	0	5
RIVERSIDE	1,206	0	0	2,408	37	654	69	25	3,193	433	0	3,624	0	0	788	1	3,488
SACRAMENTO	121	310	0	0	0	538	0	0	332	261	0	750	0	0	112	0	708
SAN BENITO	0	0	0	6	0	170	0	0	803	39	0	45	0	0	3	0	2,527
SAN BERNARDINO	0	0	0	0	0	50	20	0	3	87	21	87	0	0	92	3	265
SAN DIEGO	5	0	26	323	0	398	2	1	1,846	16,024	56	114	0	0	1,123	12	2,155
SAN FRANCISCO	0	0	0	0	0	75	0	0	0	0	0	0	0	0	0	0	5
SAN JOAQUIN	400	558	201	0	0	6,808	710	0	23,889	8,334	92	30,318	478	0	10,226	0	8,790
SAN LUIS OBISPO	0	77	0	459	0	282	429	0	249	1,026	1	1,223	0	7	238	180	604
SAN MATEO	0	0	0	0	0	65	0	0	0	0	0	8	0	0	7	0	319
SANTA BARBARA	8	0	0	3,968	0	288	904	0	764	405	41	5,665	0	0	79	1,182	3,057
SANTA CLARA	10	0	0	0	0	154	6	0	9	199	0	117	9	0	86	0	1,040
SANTA CRUZ	0	0	0	0	0	140	23	0	3	13	0	59	0	0	4	3	4,733
SHASTA	430	0	0	0	0	4,224	0	0	47	3	0	169	0	0	3,430	0	5,343
SISKIYOU	70	0	0	0	0	336	209	0	252	0	0	489	0	0	317	38	192
SOLANO	1,373	1,769	0	101	0	1,679	13	0	264	7	0	1,402	0	0	511	0	1,037
SONOMA	0	0	0	62	0	594	0	0	150	126	0	80	0	0	5	0	3,700
STANISLAUS	956	38	0	86	25	2,179	349	0	5,932	21	0	10,350	0	2	742	0	4,029
SUTTER	95	3,938	0	136	0	5,672	18	50	613	135	94	1,077	1	0	463	0	255
TEHAMA	0	93	0	0	0	430	18	0	141	7	2	418	0	0	191	0	330
TRINITY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TULARE	1,206	29	0	75	166	1,046	971	0	1,420	360	461	10,901	0	0	2,395	669	19,829
TUOLUMNE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
VENTURA	0	0	2	3,638	0	2,416	57	0	55,915	175	1	21,150	0	1	5,898	70	7,588
YOLO	454	5,865	0	0	0	3,692	1,007	0	2,243	38	0	2,475	29	0	845	0	770
YUBA	0	1,690	0	0	0	1,062	55	0	27	42	160	124	5	0	148	0	110
** UNKNOWN **	174	0	0	0	0	0	0	0	0	0	0	2,706	0	0	2,935	0	772
TOTAL	17,133	21,970	1,581	26,008	666	56,506	15,249	211	346,287	32,205	1,148	193,262	536	12	55,138	3,742	143,536

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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	22	0	0	8	0	2	167	21	0	0	84	126
AMADOR	0	0	0	0	0	0	0	20	0	0	0	0	15
BUTTE	0	405	221	0	35	0	6	457	1,231	639	18	4,681	345
CALAVERAS	0	0	0	0	0	0	0	7	23	0	0	0	5
COLUSA	32	189	406	0	545	0	0	452	78	7	6	1,134	341
CONTRA COSTA	0	0	0	0	1,151	0	0	281	61	0	1	22	212
DEL NORTE	0	0	0	23	0	0	0	107	0	0	0	0	81
EL DORADO	0	3	0	0	0	0	0	21	0	0	0	1	16
FRESNO	236	1	3,520	1	3,849	0	24	12,751	911	156	334	7,317	9,623
GLENN	0	109	301	0	43	0	0	735	159	0	4	4,369	555
HUMBOLDT	0	0	0	0	0	0	0	58	0	0	0	0	43
IMPERIAL	0	1	13,533	838	2,872	0	0	14,561	155	247	19	864	10,989
INYO	0	0	19	0	0	0	1	6	2	4	2	4	4
KERN	2	12	2,707	1,650	3,289	0	0	6,127	885	644	1,224	9,322	4,624
KINGS	61	136	247	314	5,835	0	0	2,039	695	13	23	566	1,539
LAKE	0	4	4	0	0	19	65	8	0	1	1	44	6
LASSEN	0	0	50	0	0	0	0	0	0	0	0	0	0
LOS ANGELES	0	16	25	0	18	0	16	1,063	0	0	41	369	802
MADERA	0	8	41	60	310	0	0	1,783	102	50	62	3,244	1,346
MARIN	0	0	0	0	0	0	0	4	0	0	0	0	3
MARIPOSA	0	0	0	0	0	0	0	1	0	0	0	0	1
MENDOCINO	0	0	4	0	2	0	3	63	0	0	0	91	48
MERCED	0	67	842	31	301	0	2	12,830	2,675	232	226	2,667	9,683
MODOC	0	346	395	0	66	0	0	40	24	0	0	58	30
MONO	0	0	114	0	0	0	0	0	22	0	0	0	0
MONTEREY	0	5	525	208	335	0	6	8,444	153	0	31	2,220	6,373
NAPA	0	35	49	0	10	0	38	662	0	0	18	414	499
NEVADA	0	9	21	0	0	0	0	15	27	0	0	0	11
ORANGE	0	78	0	2	0	0	72	1,732	26	0	7	10	1,307
PLACER	0	141	2	0	8	0	0	142	0	0	0	32	107
PLUMAS	0	0	0	0	0	0	0	5	0	0	0	0	4
RIVERSIDE	2	47	2,580	559	1,534	0	24	3,133	297	73	129	126	2,365
SACRAMENTO	0	287	61	0	5	0	44	636	87	145	0	464	480
SAN BENITO	0	0	25	0	0	0	0	2,270	0	4	0	3	1,713
SAN BERNARDINO	0	3	100	0	1	0	2	238	0	0	0	89	179
SAN DIEGO	38	69	2	153	0	0	33	1,936	8	349	113	982	1,461
SAN FRANCISCO	0	0	0	0	0	0	0	5	0	0	0	1	3
SAN JOAQUIN	0	543	105	0	1,546	0	7	7,896	2,040	545	3,652	19,363	5,959
SAN LUIS OBISPO	0	25	37	0	66	0	0	542	3	129	212	169	409
SAN MATEO	17	0	6	0	0	0	312	287	0	0	0	170	216
SANTA BARBARA	0	5	45	64	216	0	0	2,746	225	4	270	293	2,073
SANTA CLARA	0	21	0	0	42	0	13	934	1	25	1	83	705
SANTA CRUZ	1	0	0	0	0	0	39	4,252	3	0	5	122	3,209
SHASTA	0	347	492	0	0	0	0	4,799	0	485	6	0	3,622
SISKIYOU	0	486	321	0	83	0	0	173	231	0	0	58	130
SOLANO	172	712	728	27	1,710	0	116	931	738	0	7	272	703
SONOMA	0	693	13	0	28	0	19	3,323	32	62	26	326	2,508
STANISLAUS	0	26	296	0	375	0	0	3,619	3,244	960	131	8,747	2,732
SUTTER	234	911	286	0	78	0	0	229	458	0	57	414	173
TEHAMA	0	132	8	0	8	0	0	296	55	0	4	982	223
TRINITY	0	0	0	0	0	0	0	0	0	0	0	0	0
TULARE	24	0	1,585	169	351	0	0	17,812	1,131	433	245	2,841	13,443
TUOLUMNE	0	0	0	0	0	0	0	1	0	0	0	0	1
VENTURA	0	591	64	139	1,066	0	121	6,816	154	26	224	66,685	5,144
YOLO	50	326	393	0	547	0	5	692	52	34	7	258	522
YUBA	8	146	7	0	-3	0	0	99	38	0	29	361	75
** UNKNOWN **	0	0	2,096	0	373	0	0	693	0	0	0	0	523
TOTAL	877	6,957	32,276	4,238	26,703	19	970	128,939	16,047	5,267	7,135	140322	97,313

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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	0	16	321	50	20	0	3	138	24
AMADOR	0	0	135	27	0	9	0	10	0
BUTTE	0	8	2,359	1,610	0	138	49	516	3
CALAVERAS	0	0	511	75	0	62	0	0	0
COLUSA	0	0	10,902	10,669	0	270	0	825	0
CONTRA COSTA	0	0	860	19	0	372	0	138	23
DEL NORTE	0	0	6	4	0	0	0	8	0
EL DORADO	0	1	23	8	0	22	0	4	0
FRESNO	17	237	486,420	23,609	4,361	17,019	2,067	20,853	3,538
GLENN	0	1	838	6,366	0	406	0	196	0
HUMBOLDT	0	0	0	4,492	0	0	0	0	164
IMPERIAL	11	110	881	21,074	0	698	219	2,261	963
INYO	0	6	7	7	0	0	0	87	0
KERN	69	162	257,169	7,641	4,602	15,061	5,646	28,307	7,367
KINGS	2	0	69,597	3,323	30,554	5,404	28,572	5,447	4
LAKE	0	0	68	99	0	41	0	2	0
LASSEN	0	0	175	0	0	96	0	48	0
LOS ANGELES	1	97	281	10	625	45	294	525	34
MADERA	22	1	12,040	1,032	5,366	2,584	2,298	1,777	66
MARIN	0	0	0	3	0	0	0	20	0
MARIPOSA	0	0	0	0	2,181	8	0	1	0
MENDOCINO	0	0	794	40	0	1,094	0	58	0
MERCED	2	4	31,556	5,323	22,434	5,531	73	15,972	12,079
MODOC	0	0	1,387	478	1,805	314	78	671	0
MONO	0	0	0	0	0	3	49	0	0
MONTEREY	7	4	5,599	31,059	0	951	479	933	73
NAPA	0	0	2,549	1,115	0	33	0	1,950	0
NEVADA	0	0	14	0	0	0	0	1	0
ORANGE	0	147	344	34	20	78	0	112	884
PLACER	0	6	438	141	0	0	0	13	51
PLUMAS	0	0	0	0	0	0	0	0	0
RIVERSIDE	0	364	1,590	215	10,212	208	8	3,310	25
SACRAMENTO	1	22	1,393	355	1,464	808	25	6,743	84
SAN BENITO	0	1	3,724	7	0	61	0	16	0
SAN BERNARDINO	1	15	166	231	505	8	0	267	0
SAN DIEGO	2	268	2,085	57	0	37	0	1,790	842
SAN FRANCISCO	0	0	0	0	0	0	0	15	0
SAN JOAQUIN	0	7	18,605	15,663	0	38,290	384	3,675	228
SAN LUIS OBISPO	1	9	274	76,880	0	28	0	1,048	45
SAN MATEO	0	8	36	75	0	57	0	6	316
SANTA BARBARA	1	20	14,075	4,523	0	89	37	1,497	369
SANTA CLARA	0	38	1,525	25	0	11	4	232	5
SANTA CRUZ	0	0	4,158	1,084	0	376	4	1,249	33,648
SHASTA	0	1	839	6,339	0	496	0	34	0
SISKIYOU	0	0	1,559	481	0	471	152	783	0
SOLANO	0	0	7,251	1,880	998	768	0	27	5
SONOMA	0	1	1,856	2,872	0	18	0	1,176	248
STANISLAUS	4	3	40,255	8,328	0	2,483	215	14,349	2
SUTTER	0	0	2,635	1,072	0	433	0	313	13
TEHAMA	0	0	2,273	3,372	0	0	0	51	0
TRINITY	0	0	0	0	0	0	0	0	0
TULARE	447	23	53,667	166,476	115	9,366	7,086	6,043	76
TUOLUMNE	0	0	0	1	0	0	0	0	0
VENTURA	0	73	2,956	723	419	501	484,741	619	123
YOLO	0	3	10,602	12,567	0	685	0	16,988	0
YUBA	0	0	938	151	0	8	0	210	0
** UNKNOWN **	0	0	364	1,225	0	5	0	283	174
TOTAL	588	1,656	1,058,100	422,910	85,681	105,446	532,483	141,597	61,476

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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	471	40	445	956	206	231	135	572	3,299	10	633	3,942	5,470
AMADOR	2	112	49	163	5	163	13	181	119	0	0	119	463
BUTTE	858	14,871	2,867	18,596	270	4,189	224	4,683	786	7,560	14	8,360	31,625
CALAVERAS	0	46	16	62	511	96	41	648	15	0	1	16	726
COLUSA	1,181	9,279	9,488	19,948	840	21,151	675	22,666	43	1,622	0	1,665	44,279
CONTRA COSTA	384	410	3,395	4,189	35	1,029	348	1,412	3,823	212	103	4,138	9,739
DEL NORTE	311	9	23	343	18	0	0	18	92	0	2	94	455
EL DORADO	50	34	61	145	35	0	23	58	426	68	34	528	731
FRESNO	8,396	29,609	66,673	104,678	6,491	538,966	12,664	558,121	2,517	6,933	32	9,482	672,281
GLENN	1,089	8,778	5,318	15,185	80	7,589	138	7,807	0	1,615	10	1,625	24,617
HUMBOLDT	165	6	0	171	165	4,491	0	4,656	16,145	1,259	192	17,596	22,423
IMPERIAL	1,076	65,271	37,909	104,256	1,727	21,521	2,969	26,217	560	0	51	611	131,084
INYO	112	106	80	298	57	1	49	107	2	0	0	2	407
KERN	8,830	15,822	254,485	279,137	5,081	308,958	11,985	326,024	1,819	7,097	13	8,929	614,089
KINGS	1,560	4,137	29,563	35,260	344	112,336	30,223	142,903	230	869	0	1,099	179,262
LAKE	123	136	151	410	109	99	2	210	45	487	8	540	1,160
LASSEN	0	169	0	169	0	319	0	319	0	0	0	0	488
LOS ANGELES	3,349	237	800	4,386	935	633	344	1,912	28,475	22,890	509	51,874	58,172
MADERA	1,637	5,168	10,995	17,800	614	19,429	5,143	25,186	237	1,376	3	1,616	44,602
MARIN	15	0	0	15	14	0	9	23	843	4,012	107	4,962	5,000
MARIPOSA	0	2	0	2	0	2,189	1	2,190	0	0	0	0	2,192
MENDOCINO	269	7	42	318	1,212	771	3	1,986	814	0	167	981	3,285
MERCED	1,425	36,015	19,209	56,649	9,002	80,478	3,494	92,974	432	1,275	1	1,708	151,331
MODOC	694	560	1,170	2,424	223	4,400	110	4,733	132	0	0	132	7,289
MONO	0	228	4	232	0	3	49	52	0	0	0	0	284
MONTEREY	6,790	16,885	28,949	52,624	1,000	37,048	1,057	39,105	2,551	22,458	9	25,018	116,747
NAPA	268	2,268	127	2,663	74	5,562	11	5,647	272	218	1	491	8,801
NEVADA	38	93	121	252	15	0	0	15	151	1,502	16	1,669	1,936
ORANGE	4,121	165	1,792	6,078	1,508	107	4	1,619	15,041	14,657	321	30,019	37,716
PLACER	331	619	326	1,276	54	594	1	649	2,737	166	84	2,987	4,912
PLUMAS	4	21	10	35	0	0	0	0	0	0	0	0	35
RIVERSIDE	6,562	4,766	15,467	26,795	758	12,016	3,158	15,932	70,014	13,452	1,197	84,663	127,390
SACRAMENTO	1,077	2,108	2,155	5,340	449	10,038	408	10,895	5,827	915	408	7,150	23,376
SAN BENITO	15	5,829	1,765	7,609	508	3,284	17	3,809	6	2	0	8	11,426
SAN BERNARDINO	605	269	366	1,240	419	736	38	1,193	12,222	53,469	888	66,579	69,012
SAN DIEGO	7,069	18,852	1,309	27,230	3,432	1,565	84	5,081	17,518	6,115	78	23,711	56,022
SAN FRANCISCO	13	75	1	89	15	0	0	15	256	0	110	366	470
SAN JOAQUIN	15,499	46,975	69,987	132,461	1,049	70,333	5,470	76,852	17,344	5,947	247	23,538	232,851
SAN LUIS OBISPO	1,006	539	4,822	6,367	729	77,333	223	78,285	1,083	91	10	1,184	85,836
SAN MATEO	1,046	291	70	1,407	491	5	2	498	3,657	280	66	4,003	5,908
SANTA BARBARA	3,753	2,906	15,643	22,302	319	18,292	2,000	20,611	2,344	1,156	14	3,514	46,427
SANTA CLARA	1,434	1,436	586	3,456	615	1,207	18	1,840	6,023	277	69	6,369	11,665
SANTA CRUZ	1,070	11,023	516	12,609	116	40,299	104	40,519	3,377	72	63	3,512	56,640
SHASTA	291	22,457	649	23,397	68	7,640	1	7,709	531	0	36	567	31,673
SISKIYOU	576	1,314	1,495	3,385	233	3,016	197	3,446	99	0	1	100	6,931
SOLANO	587	5,052	8,633	14,272	172	10,725	32	10,929	2,065	683	27	2,775	27,976
SONOMA	614	10,777	356	11,747	579	5,542	50	6,171	2,216	3,983	856	7,055	24,973
STANISLAUS	2,301	18,681	23,857	44,839	1,258	58,629	5,752	65,639	1,458	3,325	119	4,902	115,380
SUTTER	244	8,213	6,929	15,386	308	3,707	451	4,466	315	2,291	6	2,612	22,464
TEHAMA	73	2,073	1,192	3,338	18	5,669	9	5,696	1,820	0	31	1,851	10,885
TRINITY	0	0	0	0	0	0	0	0	10	0	3	13	13
TULARE	3,295	54,600	19,667	77,562	3,645	67,263	172,391	243,299	3,929	7,473	137	11,539	332,400
TUOLUMNE	0	0	2	2	0	1	0	1	146	0	0	146	149
VENTURA	81,612	4,975	91,354	177,941	702	3,283	486,170	490,155	5,435	1,787	20	7,242	675,338
YOLO	361	6,842	13,101	20,304	213	40,182	450	40,845	1,405	173	14	1,592	62,741
YUBA	51	2,008	2,124	4,183	130	1,125	52	1,307	33	2	2	37	5,527
** UNKNOWN **	158	9,711	403	10,272	0	1,834	217	2,051	116,194	2	77,489	193,685	206,008
TOTAL	172,861	452,875	756,517	1,382,253	46,851	1,616,077	747,009	2,409,937	356,933	197,781	84,202	638,916	4,431,082

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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	105	59	93	257	50	46	85	181	55	13	8	76
AMADOR	46	6	5	57	38	4	3	44	8	3	2	13
BUTTE	2,782	348	3,331	6,461	2,059	316	3,316	5,691	723	32	15	770
CALAVERAS	7	2	15	24	4	1	15	20	3	1	1	5
COLUSA	4,568	586	722	5,876	2,169	300	645	3,114	2,399	287	76	2,762
CONTRA COSTA	1,439	477	112	2,028	128	48	84	260	1,311	429	28	1,768
DEL NORTE	39	45	25	108	39	33	25	96	0	12	0	12
EL DORADO	26	7	5	38	13	6	5	24	13	1	0	14
FRESNO	19,685	7,223	7,356	34,263	4,796	4,363	5,714	14,874	14,888	2,860	1,641	19,390
GLENN	2,124	416	2,450	4,991	971	358	2,418	3,747	1,153	58	33	1,244
HUMBOLDT	21	17	13	52	21	17	13	52	0	0	0	0
IMPERIAL	21,841	12,893	3,929	38,662	12,556	10,936	3,509	27,001	9,285	1,957	420	11,662
INYO	74	12	6	93	49	12	6	67	26	0	0	26
KERN	48,388	5,375	7,324	61,087	2,385	2,439	6,191	11,015	46,003	2,936	1,133	50,072
KINGS	12,780	3,568	1,486	17,835	2,854	1,034	1,221	5,109	9,926	2,534	266	12,726
LAKE	77	39	25	141	53	33	23	109	24	6	2	32
LASSEN	32	26	0	58	32	26	0	58	0	0	0	0
LOS ANGELES	654	365	453	1,472	523	307	413	1,243	131	58	39	228
MADERA	3,184	810	2,184	6,179	869	416	1,991	3,275	2,316	394	193	2,903
MARIN	3	1	1	5	3	1	1	5	0	0	0	0
MARIPOSA	131	44	22	197	131	44	22	197	0	0	0	0
MENDOCINO	32	24	60	116	22	22	60	104	10	2	1	12
MERCED	9,109	4,920	6,257	20,286	5,419	3,941	5,619	14,979	3,690	979	638	5,307
MODOC	635	345	71	1,051	369	311	62	742	266	34	9	310
MONO	38	59	13	111	37	59	13	110	1	0	0	1
MONTEREY	8,358	3,070	3,153	14,581	2,869	2,245	2,677	7,791	5,489	825	476	6,790
NAPA	278	255	367	900	257	244	361	862	21	11	5	37
NEVADA	42	17	20	79	18	17	19	54	24	0	0	25
ORANGE	851	582	425	1,858	570	443	321	1,334	281	139	104	524
PLACER	243	75	49	367	174	72	48	294	69	3	1	74
PLUMAS	6	1	1	9	5	0	0	6	1	1	1	3
RIVERSIDE	5,893	3,343	1,135	10,371	2,203	2,240	887	5,329	3,690	1,103	248	5,042
SACRAMENTO	1,016	333	476	1,825	484	261	423	1,168	533	71	53	657
SAN BENITO	966	703	523	2,193	693	625	464	1,782	273	78	59	411
SAN BERNARDINO	225	136	104	466	158	113	87	358	67	23	17	108
SAN DIEGO	4,139	719	1,067	5,924	3,913	624	1,057	5,594	227	95	9	331
SAN FRANCISCO	17	1	2	20	17	1	1	20	0	0	0	0
SAN JOAQUIN	25,279	3,093	14,444	42,815	9,353	1,262	13,392	24,008	15,925	1,830	1,052	18,807
SAN LUIS OBISPO	1,182	212	332	1,725	276	39	203	519	906	172	129	1,207
SAN MATEO	120	242	151	512	106	240	148	495	14	1	3	18
SANTA BARBARA	4,251	967	1,031	6,250	786	594	831	2,210	3,465	374	201	4,040
SANTA CLARA	475	309	262	1,046	370	270	244	884	105	39	18	162
SANTA CRUZ	1,496	1,311	1,041	3,847	1,422	1,266	1,006	3,694	73	45	34	153
SHASTA	4,615	1,784	1,210	7,609	4,200	1,784	1,210	7,194	415	0	0	416
SISKIYOU	686	345	207	1,238	347	276	177	801	338	69	30	437
SOLANO	3,356	1,553	806	5,714	957	747	648	2,352	2,399	805	158	3,362
SONOMA	1,453	1,174	970	3,598	1,391	1,157	964	3,512	63	18	6	86
STANISLAUS	7,296	1,387	7,419	16,102	1,417	634	6,947	8,999	5,879	753	472	7,104
SUTTER	3,113	535	559	4,207	1,579	480	541	2,600	1,534	55	18	1,607
TEHAMA	482	123	594	1,199	216	96	575	887	266	28	19	312
TRINITY	0	0	0	0	0	0	0	0	0	0	0	0
TULARE	12,810	6,463	6,390	25,663	7,308	5,828	6,075	19,212	5,502	635	315	6,452
TUOLUMNE	0	0	0	1	0	0	0	0	0	0	0	1
VENTURA	22,841	2,725	35,107	60,674	4,602	1,341	34,348	40,290	18,240	1,385	759	20,383
YOLO	4,408	691	329	5,429	1,525	374	205	2,104	2,883	317	125	3,325
YUBA	795	66	239	1,099	351	60	234	645	443	6	4	454
** UNKNOWN **	2,861	1,427	159	4,448	2,691	1,403	141	4,235	170	24	18	212
TOTAL	247,375	71,311	114,530	433,216	85,847	49,809	105,689	241,345	161,528	21,502	8,841	191,871

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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	0	0	0	5	0	116	330	0	6	1	0	196	0	0	46	0	619
ALPINE	0	0	0	0	0	49	0	0	0	0	0	0	0	0	0	0	0
AMADOR	0	0	0	0	0	68	4	0	0	0	0	83	0	0	70	0	379
BUTTE	0	847	0	29,907	0	15,766	1,065	0	1,355	26	108	8,082	0	37	2,875	0	1,798
CALAVERAS	0	0	0	0	0	50	0	0	20	0	0	24	0	0	0	0	9
COLUSA	1,228	3,159	0	132,667	0	10,005	175	0	5,180	16	0	13,614	0	0	1,819	27	2,022
CONTRA COSTA	2,493	0	4	145	0	282	85	0	477	61	0	3,288	0	0	211	0	574
DEL NORTE	0	0	0	289	0	26	0	0	0	88	0	0	0	0	0	0	122
EL DORADO	0	0	0	290	0	44	0	0	35	6	0	124	0	0	10	0	34
FRESNO	3,021	1,422	0	22,831	0	5,522	20,571	0	44,953	2,360	582	84,430	0	0	5,168	894	25,724
GLENN	0	2,306	0	11,469	0	8,188	144	0	2,578	24	16	6,869	77	0	498	0	1,793
HUMBOLDT	0	0	0	0	0	8	0	0	0	80	0	0	0	0	14	0	559
IMPERIAL	2,282	0	1,352	17,983	644	276	46	77	7,025	121	242	54,597	32	0	34,877	63	19,861
INYO	0	0	0	137	0	168	0	3	70	4	0	94	0	2	57	19	14
KERN	4,329	3	0	800	66	1,796	7,268	0	222,599	2,275	8	72,613	0	0	3,454	525	21,986
KINGS	9,384	1	0	79	0	233	1,323	135	5,976	1,676	23	32,428	0	0	3,343	4	4,257
LAKE	0	0	0	0	0	90	9	0	325	9	0	152	0	0	127	0	20
LASSEN	0	0	0	0	0	447	0	0	142	0	0	37	0	0	130	0	53
LOS ANGELES	0	23	1	306	0	516	95	0	73	74	0	487	0	0	389	0	2,316
MADERA	107	11	0	541	0	592	4,152	0	3,845	4,326	1	16,865	0	0	909	319	4,132
MARIN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	49
MARIPOSA	0	0	0	0	0	0	0	0	53	0	0	0	0	0	0	0	1
MENDOCINO	0	0	0	46	0	28	0	1	31	0	0	73	0	0	15	0	1,906
MERCED	462	277	0	165	55	2,370	7,845	0	7,948	392	34	17,255	0	0	1,376	11	29,634
MODOC	271	0	0	25	0	669	325	0	383	0	0	540	0	0	1,104	38	54
MONO	0	0	0	0	0	199	0	0	0	0	0	10	0	0	53	0	0
MONTEREY	0	0	8	21,140	0	3,114	2,199	0	15,599	393	1	9,546	0	0	1,475	12	46,511
NAPA	6	0	0	0	0	64	0	2	57	194	0	188	0	0	15	0	1,017
NEVADA	0	117	0	0	0	26	4	0	0	1	0	0	0	0	10	0	50
ORANGE	0	0	796	509	0	656	3	0	267	104	0	369	16	3	161	10	3,704
PLACER	0	247	0	2,060	0	561	0	0	1	21	0	151	0	0	145	0	1,407
PLUMAS	0	0	0	0	0	39	0	0	0	0	0	0	0	0	0	0	6
RIVERSIDE	3,074	0	0	3,282	37	1,396	193	26	4,904	792	0	8,506	0	0	2,120	6	6,582
SACRAMENTO	996	310	0	1,337	0	1,136	30	0	779	564	0	3,094	0	0	532	0	1,127
SAN BENITO	0	0	0	8	0	246	4	0	1,569	72	0	145	0	0	18	0	5,870
SAN BERNARDINO	0	0	0	0	0	536	31	1	50	134	21	151	0	0	191	11	762
SAN DIEGO	5	0	81	766	0	785	22	6	3,532	26,127	96	569	0	0	8,215	41	6,872
SAN FRANCISCO	0	0	0	299	0	77	4	0	3	0	0	90	0	0	0	0	26
SAN JOAQUIN	127,347	558	399	6,326	0	15,311	2,225	0	82,450	23,473	161	120,833	1,262	0	38,251	0	22,262
SAN LUIS OBISPO	1	77	0	1,385	0	479	600	0	787	1,838	2	2,225	0	13	296	180	1,405
SAN MATEO	0	0	239	91	0	75	0	0	1	68	0	8	0	0	141	0	634
SANTA BARBARA	12	0	0	10,235	0	646	1,437	0	1,362	869	64	10,044	0	0	297	1,182	9,529
SANTA CLARA	10	0	13	0	0	231	259	0	11	364	0	295	15	0	137	0	2,367
SANTA CRUZ	0	0	7	2	0	164	49	0	9	43	0	91	0	0	49	3	14,035
SHASTA	856	0	0	27	0	7,905	0	0	59	63	0	501	0	0	3,477	2,238	10,147
SISKIYOU	354	0	0	25	0	885	302	0	406	0	0	565	0	0	1,327	38	401
SOLANO	3,103	1,769	0	674	0	5,378	90	0	658	7	0	3,307	0	0	1,566	0	1,195
SONOMA	7	0	6	168	0	609	6	7	274	304	0	131	13	0	19	0	4,229
STANISLAUS	1,554	38	0	2,970	25	6,285	1,340	0	24,074	153	29	32,624	617	2	2,164	0	9,364
SUTTER	386	3,938	0	24,839	0	14,277	255	97	2,053	342	350	7,111	1	0	2,398	0	1,596
TEHAMA	0	93	0	418	0	1,703	28	0	444	12	19	2,198	0	0	279	0	967
TRINITY	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	3
TULARE	4,232	29	0	876	166	3,609	3,644	0	6,343	1,162	465	35,002	203	0	6,320	669	51,142
TUOLUMNE	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1
VENTURA	0	0	2	36,170	0	23,541	180	1	84,328	537	1	47,451	0	2	7,432	74	20,091
YOLO	778	5,865	0	34,333	0	7,599	2,290	0	4,189	67	0	18,934	29	0	1,853	0	1,525
YUBA	0	1,690	0	6,578	0	2,145	65	0	317	81	372	1,698	5	0	571	0	548
** UNKNOWN **	4,052	0	0	15,702	0	23	2,049	0	0	11,144	2,918	7,066	69	0	10,443	0	10,911
TOTAL	170,350	22,780	2,908	387,905	993	147,012	60,746	356	537,600	80,468	5,513	624,754	2,339	59	146,451	6,364	354,197

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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	0	42	0	0	9	0	3	816	21	1	1	96	343
ALPINE	0	0	0	0	0	0	0	0	0	0	0	0	0
AMADOR	0	0	0	0	0	0	0	554	20	0	0	4	193
BUTTE	0	2,387	2,369	0	3,086	0	6	2,391	4,773	707	217	9,463	989
CALAVERAS	0	0	0	0	0	0	0	9	31	0	0	1	6
COLUSA	2,830	3,115	962	0	3,498	0	0	2,730	124	18	28	3,533	1,100
CONTRA COSTA	0	59	30	0	1,198	0	0	673	93	0	1	135	343
DEL NORTE	0	42	0	67	0	0	0	111	0	0	11	0	82
EL DORADO	0	6	0	0	0	0	2	37	0	0	0	5	21
FRESNO	449	285	5,700	33	6,081	0	28	30,045	2,027	513	821	11,455	15,388
GLENN	3	824	1,115	0	46	0	0	2,197	858	0	102	6,936	1,042
HUMBOLDT	0	30	2	0	8	0	0	800	0	0	51	0	291
IMPERIAL	0	17	16,075	3,411	3,937	0	0	19,727	357	313	68	1,501	12,711
INYO	0	0	19	0	0	0	1	17	2	14	5	5	8
KERN	23	600	3,781	1,856	8,316	0	0	28,876	7,261	1,713	1,503	16,142	12,207
KINGS	69	184	712	871	7,057	0	2	5,019	916	31	110	1,504	2,533
LAKE	0	7	21	0	149	19	85	25	0	1	2	58	12
LASSEN	0	2	148	0	0	0	0	79	50	0	0	1	26
LOS ANGELES	0	31	176	0	24	0	20	2,762	22	24	41	707	1,368
MADERA	0	8	141	62	522	0	0	5,004	227	105	260	4,419	2,419
MARIN	0	0	15	0	0	0	5	71	0	10	0	0	25
MARIPOSA	0	0	0	0	0	0	0	1	0	3	0	0	1
MENDOCINO	0	11	7	0	37	0	3	2,816	0	0	0	187	965
MERCED	0	177	1,966	47	714	0	2	35,817	4,019	254	415	6,154	17,345
MODOC	0	1,295	610	0	731	0	0	54	44	0	0	400	35
MONO	0	0	352	0	0	0	0	0	22	0	0	0	0
MONTEREY	0	12	901	632	964	0	11	64,111	409	5	92	3,346	24,928
NAPA	0	48	80	0	44	0	45	1,082	0	8	19	620	640
NEVADA	0	13	21	0	0	0	0	65	27	0	0	0	28
ORANGE	36	113	6	7	207	0	124	4,395	1,087	0	20	31	2,195
PLACER	4	555	27	0	18	0	0	2,015	4	0	0	103	732
PLUMAS	0	0	0	0	0	0	0	6	0	0	0	0	4
RIVERSIDE	7	92	4,167	971	4,161	0	74	7,775	918	110	281	439	3,912
SACRAMENTO	29	566	257	0	58	591	47	1,265	135	175	1	623	689
SAN BENITO	0	0	25	0	7	0	0	7,285	24	4	1	73	3,385
SAN BERNARDINO	0	4	256	2	8	0	6	984	0	0	16	223	428
SAN DIEGO	197	91	37	328	0	0	56	9,012	45	625	223	2,328	3,820
SAN FRANCISCO	0	0	0	0	2	0	0	37	0	0	1	14	14
SAN JOAQUIN	0	749	371	0	1,975	2,168	34	28,103	5,220	2,471	11,715	27,193	12,695
SAN LUIS OBISPO	0	34	48	2	190	0	0	1,745	6	218	516	261	810
SAN MATEO	17	0	6	58	0	0	318	759	45	0	34	328	374
SANTA BARBARA	28	5	102	107	478	0	1	12,454	1,113	4	642	463	5,308
SANTA CLARA	0	21	1	0	49	0	30	2,924	6	25	3	227	1,369
SANTA CRUZ	1	1	0	0	1	0	44	18,204	32	0	34	150	7,860
SHASTA	0	681	1,161	0	0	0	0	12,006	117	485	7	321	6,024
SISKIYOU	0	2,578	613	0	157	0	0	486	377	0	0	400	235
SOLANO	206	3,583	3,185	27	6,358	2,677	138	1,168	1,163	135	19	315	782
SONOMA	0	727	17	0	199	0	36	4,117	67	75	44	583	2,773
STANISLAUS	0	142	945	0	1,862	0	2	11,622	5,746	1,371	301	13,321	5,399
SUTTER	1,359	3,116	1,237	0	1,629	0	0	2,240	996	56	212	1,116	843
TEHAMA	0	236	12	0	8	0	0	1,251	483	0	25	1,841	542
TRINITY	0	0	0	0	0	0	0	4	0	0	1	0	1
TULARE	70	15	2,944	671	1,545	0	2	64,783	2,472	757	958	5,400	29,100
TUOLUMNE	0	1	0	0	0	0	0	1	0	0	0	0	1
VENTURA	0	889	379	331	1,735	0	159	25,571	398	40	778	207,157	11,396
YOLO	1,157	1,392	828	0	3,239	0	8	1,824	181	34	7	820	899
YUBA	8	767	162	0	17	0	0	756	275	37	127	404	294
** UNKNOWN **	49	27	4,532	1,235	9,050	0	100	15,902	565	399	3	7,313	5,593
TOTAL	6,542	25,580	56,521	10,718	69,374	5,455	1,392	444,577	42,778	10,741	19,716	338,119	202,525

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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	0	51	389	67	20	122,484	3	645	24
ALPINE	0	0	0	0	0	0	0	0	0
AMADOR	0	0	137	57	0	14	0	106	0
BUTTE	83	26	5,685	2,886	0	755	98	7,236	3
CALAVERAS	0	0	1,065	75	0	76	0	4	0
COLUSA	80	0	21,347	12,274	0	335	25	3,243	0
CONTRA COSTA	0	3	860	38	0	556	0	175	23
DEL NORTE	0	0	9	11	0	0	0	11	0
EL DORADO	0	1	23	20	0	31	0	31	0
FRESNO	83	489	679,451	39,269	5,353	34,023	6,505	44,399	3,538
GLENN	2	1	2,958	10,350	0	1,252	0	1,042	0
HUMBOLDT	0	25	2	5,003	0	0	0	40	164
IMPERIAL	21	117	1,195	39,288	0	1,371	653	3,823	963
INYO	0	7	13	8	0	103	2	276	0
KERN	167	391	499,202	13,397	9,995	23,595	13,697	52,385	7,367
KINGS	7	53	78,814	6,291	60,313	8,165	62,067	7,805	4
LAKE	0	0	787	99	0	175	0	2	0
LASSEN	0	5	422	0	0	299	0	48	0
LOS ANGELES	3	144	659	23	1,928	313	538	1,165	34
MADERA	252	22	23,199	3,160	5,466	4,950	3,692	4,364	66
MARIN	0	0	0	3	0	300	0	22	0
MARIPOSA	0	0	3	0	2,200	8	0	1	0
MENDOCINO	0	0	867	54	0	4,310	0	61	0
MERCED	11	7	42,984	9,361	25,974	12,191	73	22,845	12,079
MODOC	0	0	1,695	613	6,773	787	108	2,336	0
MONO	0	1	0	0	0	41	78	3	0
MONTEREY	11	9	6,694	42,452	0	979	631	43,839	73
NAPA	0	1	5,490	2,543	0	39	0	2,751	0
NEVADA	0	0	14	52	0	0	0	3	0
ORANGE	1	422	619	49	120	122	0	409	884
PLACER	1	37	504	208	0	0	0	109	51
PLUMAS	0	0	0	0	0	0	0	0	0
RIVERSIDE	2	491	2,059	247	18,162	405	32	3,798	25
SACRAMENTO	1	66	1,733	456	2,400	1,048	75	12,464	84
SAN BENITO	0	1	4,517	7	0	126	17	74	0
SAN BERNARDINO	1	29	334	237	1,278	19	0	478	0
SAN DIEGO	4	485	3,042	122	17	51	25	8,374	842
SAN FRANCISCO	0	0	106	60	0	0	0	18	0
SAN JOAQUIN	55	52	28,163	29,908	0	44,612	867	9,204	228
SAN LUIS OBISPO	2	18	1,096	104,807	0	350	0	16,609	45
SAN MATEO	0	307	95	330	0	70	0	79	316
SANTA BARBARA	7	74	20,089	4,549	0	158	159	31,994	369
SANTA CLARA	0	159	1,535	237	0	28	4	277	5
SANTA CRUZ	0	4	4,810	1,589	0	376	21	33,729	33,648
SHASTA	0	1	1,429	11,887	0	987	0	38	0
SISKIYOU	0	0	3,888	1,044	0	1,397	207	2,613	0
SOLANO	0	11	8,403	2,585	1,808	1,127	0	125	5
SONOMA	0	1	4,127	4,163	0	364	24	4,981	248
STANISLAUS	12	57	56,299	18,367	0	8,257	382	21,896	2
SUTTER	47	0	4,646	1,834	0	814	0	2,717	13
TEHAMA	6	11	5,040	5,816	0	288	0	429	0
TRINITY	0	0	0	0	0	0	0	0	0
TULARE	482	92	80,476	169,810	115	17,414	10,921	12,620	76
TUOLUMNE	0	0	0	1	0	0	0	0	0
VENTURA	1	236	3,333	737	968	820	697,198	6,731	123
YOLO	7	3	13,994	24,947	0	1,094	0	33,406	0
YUBA	12	0	964	859	0	34	0	8,574	0
** UNKNOWN **	0	0	727	1,225	0	1,844	2,214	2,603	174
TOTAL	1,361	3,910	1,625,991	573,475	142,890	298,957	800,316	413,010	61,476

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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	1,796	138	717	2,651	122,862	581	240	123,683	10,934	21	979	11,934	138,268
ALPINE	0	49	0	49	0	0	0	0	0	0	0	0	49
AMADOR	35	1,198	142	1,375	12	198	104	314	486	0	1	487	2,176
BUTTE	2,245	40,269	45,740	88,254	2,040	13,435	1,297	16,772	3,152	10,756	174	14,082	119,094
CALAVERAS	1	91	58	150	1,065	112	43	1,220	69	0	2	71	1,441
COLUSA	2,359	21,591	163,900	187,850	3,587	31,716	2,001	37,304	55	1,833	5	1,893	227,047
CONTRA COSTA	634	977	8,540	10,151	71	1,214	370	1,655	10,206	455	225	10,886	22,692
DEL NORTE	414	68	356	838	31	0	0	31	279	0	3	282	1,151
EL DORADO	92	61	460	613	73	9	24	106	8,414	68	2,624	11,106	11,825
FRESNO	15,845	54,176	220,281	290,302	14,389	772,600	26,121	813,110	7,759	8,904	85	16,748	1,120,160
GLENN	2,866	19,309	24,911	47,086	499	14,291	815	15,605	49	1,770	11	1,830	64,521
HUMBOLDT	1,719	115	8	1,842	236	4,998	0	5,234	18,031	1,511	341	19,883	26,959
IMPERIAL	1,896	90,288	105,412	197,596	2,113	40,144	5,174	47,431	1,181	24,980	51	26,212	271,239
INYO	187	174	278	639	103	252	54	409	121	0	0	121	1,169
KERN	17,362	39,595	363,043	420,000	12,611	580,200	27,385	620,196	6,825	19,556	48	26,429	1,066,624
KINGS	3,058	9,407	65,405	77,870	851	156,854	65,814	223,519	832	1,609	0	2,441	303,830
LAKE	206	222	682	1,110	303	758	2	1,063	468	487	14	969	3,142
LASSEN	75	955	85	1,115	0	774	0	774	3	0	1	4	1,893
LOS ANGELES	7,037	592	1,826	9,455	1,974	2,203	630	4,807	78,100	42,197	1,012	121,309	135,571
MADERA	2,615	9,811	36,541	48,967	2,819	29,403	12,949	45,171	711	2,376	10	3,097	97,235
MARIN	164	15	0	179	316	0	9	325	2,317	5,675	201	8,193	8,697
MARIPOSA	3	2	53	58	3	2,208	1	2,212	85	0	0	85	2,355
MENDOCINO	455	258	5,413	6,126	4,514	771	7	5,292	4,067	0	466	4,533	15,951
MERCED	4,495	73,512	56,728	134,735	10,810	109,175	5,540	125,525	2,182	2,461	4	4,647	264,907
MODOC	694	3,457	2,427	6,578	223	11,876	213	12,312	176	0	0	176	19,066
MONO	0	601	35	636	0	45	78	123	50	0	0	50	809
MONTEREY	8,472	66,341	120,596	195,409	1,485	53,804	39,399	94,688	4,264	25,823	16	30,103	320,200
NAPA	601	2,512	1,016	4,129	231	10,433	160	10,824	1,081	218	4	1,303	16,256
NEVADA	84	127	150	361	17	51	1	69	1,393	4,648	46	6,087	6,517
ORANGE	9,699	1,286	3,834	14,819	2,223	324	79	2,626	30,253	29,421	404	60,078	77,523
PLACER	1,230	4,261	2,559	8,050	170	729	11	910	8,668	2,548	144	11,360	20,320
PLUMAS	6	39	10	55	0	0	0	0	13	0	0	13	68
RIVERSIDE	12,473	8,557	32,795	53,825	1,501	20,401	3,319	25,221	202,613	31,742	1,390	235,745	314,791
SACRAMENTO	2,096	3,925	8,320	14,341	999	16,710	618	18,327	119,621	1,015	9,093	129,729	162,388
SAN BENITO	4,589	10,685	3,462	18,736	512	4,142	88	4,742	75	2	0	77	23,555
SAN BERNARDINO	2,588	422	806	3,816	797	1,535	44	2,376	45,572	114,509	2,254	162,335	168,527
SAN DIEGO	32,016	27,577	4,286	63,879	4,602	8,226	134	12,962	74,291	12,482	171	86,944	163,785
SAN FRANCISCO	56	90	421	567	74	107	3	184	742	0	209	951	1,702
SAN JOAQUIN	45,751	108,475	379,326	533,552	7,992	95,763	9,334	113,089	39,307	117,995	741	158,043	804,684
SAN LUIS OBISPO	2,241	1,843	9,034	13,118	1,192	106,979	14,756	122,927	6,109	91	32	6,232	142,277
SAN MATEO	2,460	510	225	3,195	1,154	40	3	1,197	8,125	600	98	8,823	13,215
SANTA BARBARA	7,865	6,210	42,307	56,382	1,235	24,356	31,808	57,399	4,091	1,688	155	5,934	119,715
SANTA CLARA	3,023	3,991	1,343	8,357	757	1,431	57	2,245	15,961	278	175	16,414	27,016
SANTA CRUZ	2,513	24,784	13,482	40,779	460	51,659	22,058	74,177	6,887	164	117	7,168	122,124
SHASTA	352	41,832	3,891	46,075	149	14,192	1	14,342	1,969	0	56	2,025	62,442
SISKIYOU	661	6,165	2,322	9,148	280	8,553	316	9,149	278	101	2	381	18,678
SOLANO	884	18,531	18,088	37,503	558	13,391	115	14,064	6,673	1,029	75	7,777	59,344
SONOMA	1,579	11,216	1,615	14,410	1,327	12,319	262	13,908	6,411	26,516	1,466	34,393	62,711
STANISLAUS	5,849	35,178	80,923	121,950	4,561	91,367	9,344	105,272	5,017	3,710	380	9,107	236,329
SUTTER	1,003	27,405	42,039	70,447	1,870	6,938	1,263	10,071	1,036	2,643	9	3,688	84,206
TEHAMA	685	5,814	4,059	10,558	35	11,528	27	11,590	7,748	0	97	7,845	29,993
TRINITY	2	8	0	10	0	0	0	0	530	0	6	536	546
TULARE	11,490	69,093	141,996	222,579	7,995	103,544	180,467	292,006	14,527	17,341	314	32,182	546,767
TUOLUMNE	0	3	2	5	0	1	0	1	517	0	0	517	523
VENTURA	87,277	173,078	208,287	468,642	1,322	4,664	704,161	710,147	10,535	5,757	41	16,333	1,195,122
YOLO	982	15,064	71,805	87,851	1,146	71,227	1,078	73,451	5,227	226	50	5,503	166,805
YUBA	323	5,711	10,882	16,916	151	10,215	77	10,443	238	2	3	243	27,602
** UNKNOWN **	917	39,437	68,791	109,145	230	5,841	2,716	8,787	287,998	812	151,854	440,664	558,596
TOTAL	316,020	1,087,101	2,381,713	3,784,834	226,530	2,524,286	1170570	3,921,386	1074322	526,020	175,659	1776001	9,482,197

STATE OF CALIFORNIA - DEPARTMENT OF FOOD AND AGRICULTURE
TONNAGE REPORT OF COMMERCIAL FERTILIZERS AND AGRICULTURAL MINERALS
January 2012 - December 2012

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	1,170	537	417	2,125	1,010	500	395	1,906	160	37	23	220
ALPINE	10	0	0	10	10	0	0	10	0	0	0	0
AMADOR	245	209	94	549	209	206	91	507	36	4	2	42
BUTTE	15,947	3,767	8,354	28,067	6,345	2,459	8,256	17,059	9,602	1,308	98	11,008
CALAVERAS	30	4	23	57	17	3	22	41	13	2	1	16
COLUSA	38,566	4,579	2,241	45,385	4,259	2,664	1,956	8,879	34,306	1,915	285	36,506
CONTRA COSTA	4,380	864	438	5,681	929	330	377	1,636	3,451	534	60	4,045
DEL NORTE	141	84	36	260	83	48	35	166	58	36	0	94
EL DORADO	1,188	331	326	1,846	824	252	248	1,324	364	79	78	522
FRESNO	59,619	15,733	12,680	88,032	10,098	8,457	9,825	28,380	49,521	7,276	2,855	59,652
GLENN	8,272	1,518	4,378	14,167	2,676	1,268	4,281	8,225	5,596	250	97	5,942
HUMBOLDT	459	363	193	1,016	444	356	189	988	16	7	4	27
IMPERIAL	51,914	18,597	5,792	76,303	25,065	13,269	4,832	43,166	26,849	5,328	960	33,137
INYO	156	20	15	191	90	19	15	124	65	1	0	67
KERN	79,205	16,595	18,172	113,973	7,198	5,729	15,002	27,929	72,007	10,866	3,170	86,044
KINGS	25,338	5,654	2,528	33,520	4,370	1,586	1,986	7,943	20,968	4,067	542	25,577
LAKE	252	128	47	426	128	69	45	241	124	59	2	185
LASSEN	226	106	40	372	211	106	40	357	15	0	0	15
LOS ANGELES	8,325	3,145	2,927	14,397	7,918	3,034	2,861	13,813	407	111	66	584
MADERA	9,954	2,139	3,377	15,470	1,809	719	2,866	5,394	8,145	1,420	511	10,076
MARIN	344	132	108	584	335	129	105	569	9	3	3	15
MARIPOSA	149	46	25	220	140	46	25	211	9	0	0	9
MENDOCINO	1,096	1,137	545	2,778	396	175	222	793	700	962	323	1,985
MERCED	21,376	14,039	11,742	47,156	10,382	10,401	10,267	31,049	10,994	3,639	1,475	16,107
MODOC	1,637	879	257	2,773	1,039	619	248	1,905	598	261	9	868
MONO	113	185	15	312	102	185	15	301	11	0	0	11
MONTEREY	28,532	23,905	10,730	63,166	9,815	10,955	6,360	27,129	18,717	12,950	4,370	36,037
NAPA	554	464	547	1,565	388	324	502	1,214	166	140	45	350
NEVADA	497	169	158	824	467	163	155	785	30	6	3	39
ORANGE	5,056	2,566	2,299	9,921	4,466	2,143	2,123	8,732	590	423	176	1,190
PLACER	2,127	1,102	562	3,791	1,597	1,083	557	3,237	529	19	6	554
PLUMAS	11	2	2	15	10	1	1	12	1	1	1	3
RIVERSIDE	26,980	11,522	6,829	45,330	18,854	8,428	6,285	33,567	8,126	3,093	544	11,763
SACRAMENTO	15,681	4,557	4,344	24,582	12,401	3,989	4,002	20,392	3,280	568	342	4,190
SAN BENITO	2,368	2,513	1,177	6,058	1,833	2,285	1,069	5,187	535	228	108	871
SAN BERNARDINO	10,187	3,364	3,140	16,691	9,914	3,242	3,064	16,221	272	122	76	470
SAN DIEGO	17,631	5,364	4,617	27,611	16,839	5,149	4,597	26,585	792	215	20	1,027
SAN FRANCISCO	174	31	30	235	71	23	26	120	102	8	4	115
SAN JOAQUIN	195,596	11,965	27,446	235,007	32,358	5,391	25,011	62,760	163,238	6,574	2,435	172,246
SAN LUIS OBISPO	2,844	847	829	4,519	1,131	370	613	2,113	1,713	477	217	2,406
SAN MATEO	894	590	473	1,957	858	556	469	1,883	36	35	4	74
SANTA BARBARA	9,988	4,690	3,050	17,728	1,906	1,579	1,972	5,457	8,082	3,110	1,078	12,270
SANTA CLARA	2,116	1,337	878	4,331	1,874	1,236	838	3,947	242	101	41	384
SANTA CRUZ	5,257	6,445	2,867	14,569	3,615	4,076	2,057	9,749	1,641	2,369	810	4,820
SHASTA	8,331	4,837	2,350	15,518	6,979	4,799	2,337	14,115	1,352	38	13	1,404
SISKIYOU	2,042	1,061	512	3,616	1,383	946	474	2,803	660	115	38	813
SOLANO	8,596	5,835	1,296	15,726	3,493	3,425	1,128	8,046	5,103	2,410	167	7,680
SONOMA	4,825	4,723	2,519	12,068	4,524	4,486	2,447	11,457	301	237	72	610
STANISLAUS	22,941	5,261	12,459	40,661	4,177	2,187	11,377	17,741	18,764	3,074	1,082	22,920
SUTTER	14,729	3,271	1,587	19,588	5,512	2,582	1,533	9,627	9,217	690	54	9,960
TEHAMA	2,350	670	1,584	4,603	1,326	579	1,543	3,448	1,024	90	41	1,155
TRINITY	54	17	17	87	53	17	17	87	0	0	0	0
TULARE	40,536	25,401	15,115	81,051	13,178	8,776	9,676	31,629	27,358	16,625	5,439	49,422
TUOLUMNE	38	12	11	61	38	11	11	60	0	0	0	1
VENTURA	53,443	10,321	108,260	172,025	11,922	3,439	105,778	121,140	41,521	6,882	2,482	50,885
YOLO	19,930	3,081	941	23,952	3,690	1,548	715	5,953	16,240	1,533	226	17,999
YUBA	3,462	520	539	4,520	1,079	494	530	2,102	2,383	26	9	2,418
** UNKNOWN **	46,278	19,270	13,478	79,026	25,475	8,088	9,459	43,021	20,803	11,182	4,019	36,005
TOTAL	884,157	256,503	305,416	1,446,075	287,312	144,996	270,928	703,237	596,845	111,506	34,488	742,838