FERTILIZING MATERIALS

TONNAGE REPORT

JANUARY - JUNE 2011

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 2009	JULY-DEC 2010	JAN-JUNE 2010	JAN-JUNE 2011	JULY-JUNE 2009-10	JULY-JUNE 2010-11
0	N-P-K GRADES	473,980	2,114,977	928,442	693,629	1,402,422	2,808,606
0	IDENTIFIED BY GRADE	281,799	329,813	434,132	451,365	715,931	781,178
2	ANHYDROUS AMMONIA	87,297	92,895	133,572	143,104	220,869	235,999
6	AQUA AMMONIA	34,997	35,337	54,912	242	89,909	35,579
10	AMMONIUM NITRATE	1,249	1,052	619	971	1,868	2,023
12	AMMONIUM NITRATE SOLU	49,943	40,413	2,169	345	52,112	40,758
20	AMMONIUM POLYSULFIDE	3,389	1,463	0	0	3,389	1,463
24	AMMONIUM SULFATE	61,790	62,914	150,151	72,124	211,941	135,038
31	AMMONIUM THIOSULFATE	4,910	2,624	837	1,263	5,747	3,887
35	CALCIUM AMMONIUM NITR	128,067	121,178	30,930	14,216	158,997	135,394
43	CALCIUM NITRATE	36,137	17,630	48,577	36,730	84,714	54,360
56	NITROGEN SOLUTION <28	0	0	496,851	520,384	496,851	520,384
58	NITROGEN SOLUTION 28%	309	454	770	1,003	1,079	1,457
60	NITROGEN SOLUTION 32%	209,420	184,978	385,610	391,935	595,030	576,913
62	SODIUM NITRATE	470	30,579	634	1,161	1,104	31,740
64	SULFUR COATED UREA	10	120	29,904	11	29,914	131
66	UREA	44,908	51,279	134,256	100,616	179,164	151,895
67	UREA SOLUTION	1,328	3,283	717	135	2,045	3,418
203	DIAMMONIUM PHOSPHATE	1,486	591	5,820	3,232	7,306	3,823
207	AMMONIUM PHOSPHATE SU	10,433	7,297	37,302	24,935	47,735	32,232
209	MONOAMMONIUM PHOSPHAT	74,282	36,517	79,004	24,022	153,286	60,539
248	PHOSPHORIC ACID	5,178	6,362	50,702	6,431	55,880	12,793
249	LIQUID AMMONIUM POLYP	28,108	27,407	67,265	40,251	95,373	67,658
263	SUPERPHOSPHATE, NORMA	100	2	0	688	100	690
267	SUPERPHOSPHATE, TRIPL	599	604	1,592	5,136	2,191	5,740
428	MURIATE OF POTASH 60%	15,410	17,783	15,919	21,511	31,329	39,294
443	POTASSIUM-MAGNESIUM S	6,141	5,597	6,265	4,546	12,406	10,143
453	POTASSIUM NITRATE	4,728	5,762	10,532	11,501	15,260	17,263
463	POTASSIUM SULFATE	33,999	47,774	81,434	35,555	115,433	83,329
601	BLOOD, DRIED	72	47	115	37	187	84
667	SEWAGE SLUDGE, OTHER	3,234	793	749	2,063	3,983	2,856
723	COPPER COMPOUND	210,289	361	387	475	210,676	836
731	IRON COMPOUND	1,195	7,655	1,533	2,516	2,728	10,171
732	GYPSUM (CALCIUM SULFA	720,808	660,204	338,752	378,817	1,059,560	1,039,021
770	SULFUR	61,637	75,712	35,744	50,033	97,381	125,745
774	SULFURIC ACID	36,668	39,753	30,039	40,149	66,707	79,902
797	SEC./MICRONUT. - CODE	602,336	94,735	264,864	268,243	867,200	362,978
907	LIME PRODUCT - CODE U	287,241	270,218	174,100	130,636	461,341	400,854
	TOTAL	3,523,947	4,396,163	4,035,201	3,480,011	7,559,148	7,876,174

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 09 N	JULY-DEC 09 P2O5	JULY-DEC 09 K2O	JULY-DEC 10 N	JULY-DEC 10 P2O5	JULY-DEC 10 K2O
0	N-P-K GRADES	0	0	0	0	0	0
0	IDENTIFIED BY GRADE	33,252	29,871	22,544	38,918	34,960	26,385
2	ANHYDROUS AMMONIA	71,584	0	0	76,174	0	0
6	AQUA AMMONIA	6,999	0	0	7,067	0	0
10	AMMONIUM NITRATE	425	0	0	358	0	0
12	AMMONIUM NITRATE SOLU	9,989	0	0	8,083	0	0
20	AMMONIUM POLYSULFIDE	678	0	0	293	0	0
24	AMMONIUM SULFATE	12,976	0	0	13,212	0	0
31	AMMONIUM THIOSULFATE	589	0	0	315	0	0
35	CALCIUM AMMONIUM NITR	21,771	0	0	20,600	0	0
43	CALCIUM NITRATE	5,421	0	0	2,645	0	0
56	NITROGEN SOLUTION <28	0	0	0	0	0	0
58	NITROGEN SOLUTION 28%	87	0	0	127	0	0
60	NITROGEN SOLUTION 32%	67,014	0	0	59,193	0	0
62	SODIUM NITRATE	75	0	0	4,893	0	0
64	SULFUR COATED UREA	4	0	0	43	0	0
66	UREA	20,658	0	0	23,588	0	0
67	UREA SOLUTION	266	0	0	657	0	0
203	DIAMMONIUM PHOSPHATE	267	684	0	106	272	0
207	AMMONIUM PHOSPHATE SU	1,669	2,087	0	1,168	1,459	0
209	MONOAMMONIUM PHOSPHAT	8,171	38,627	0	4,017	18,989	0
248	PHOSPHORIC ACID	0	2,796	0	0	3,435	0
249	LIQUID AMMONIUM POLYP	2,811	9,557	0	2,741	9,318	0
263	SUPERPHOSPHATE, NORMA	0	22	0	0	0	0
267	SUPERPHOSPHATE, TRIPL	0	276	0	0	278	0
428	MURIATE OF POTASH 60%	0	0	9,246	0	0	10,670
443	POTASSIUM-MAGNESIUM S	0	0	1,351	0	0	1,231
453	POTASSIUM NITRATE	662	0	2,080	807	0	2,535
463	POTASSIUM SULFATE	0	0	17,000	0	0	23,887
601	BLOOD, DRIED	9	0	0	6	0	0
667	SEWAGE SLUDGE, OTHER	194	65	32	48	16	8
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
	TOTAL	265,569	83,983	52,253	265,056	68,728	64,716

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CODE	MATERIAL NAME	JAN-JUNE 10 N	JAN-JUNE 10 P2O5	JAN-JUNE 10 K2O	JAN-JUNE 11 N	JAN-JUNE 11 P2O5	JAN-JUNE 11 K2O
0	N-P-K GRADES	0	0	0	0	0	0
0	IDENTIFIED BY GRADE	52,096	78,144	26,048	54,164	81,246	27,082
2	ANHYDROUS AMMONIA	109,529	0	0	117,345	0	0
6	AQUA AMMONIA	10,982	0	0	48	0	0
10	AMMONIUM NITRATE	210	0	0	330	0	0
12	AMMONIUM NITRATE SOLU	434	0	0	69	0	0
20	AMMONIUM POLYSULFIDE	0	0	0	0	0	0
24	AMMONIUM SULFATE	31,532	0	0	15,146	0	0
31	AMMONIUM THIOSULFATE	100	0	0	152	0	0
35	CALCIUM AMMONIUM NITR	5,258	0	0	2,417	0	0
43	CALCIUM NITRATE	7,287	0	0	5,510	0	0
56	NITROGEN SOLUTION <28	92,722	0	0	95,664	0	0
58	NITROGEN SOLUTION 28%	216	0	0	281	0	0
60	NITROGEN SOLUTION 32%	123,395	0	0	125,419	0	0
62	SODIUM NITRATE	101	0	0	186	0	0
64	SULFUR COATED UREA	10,765	0	0	4	0	0
66	UREA	61,758	0	0	46,283	0	0
67	UREA SOLUTION	143	0	0	27	0	0
203	DIAMMONIUM PHOSPHATE	1,048	2,677	0	582	1,487	0
207	AMMONIUM PHOSPHATE SU	5,968	7,460	0	3,990	4,987	0
209	MONOAMMONIUM PHOSPHAT	8,690	41,082	0	2,642	12,491	0
248	PHOSPHORIC ACID	0	27,379	0	0	3,473	0
249	LIQUID AMMONIUM POLYP	6,727	22,870	0	4,025	13,685	0
263	SUPERPHOSPHATE, NORMA	0	0	0	0	151	0
267	SUPERPHOSPHATE, TRIPL	0	804	0	0	2,741	0
428	MURIATE OF POTASH 60%	0	0	9,551	0	0	12,907
443	POTASSIUM-MAGNESIUM S	0	0	1,378	0	0	1,000
453	POTASSIUM NITRATE	1,474	0	4,634	1,610	0	5,060
463	POTASSIUM SULFATE	0	0	40,717	0	0	17,778
601	BLOOD, DRIED	14	0	0	4	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
	TOTAL	530,450	180,417	82,329	475,898	120,262	63,827

STATE OF CALIFORNIA - DEPARTMENT OF FOOD AND AGRICULTURE
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CODE	MATERIAL NAME	JULY-JUNE 09-10 N	JULY-JUNE 09-10 P2O5	JULY-JUNE 09-10 K2O	JULY-JUNE 10-11 N	JULY-JUNE 10-11 P2O5	JULY-JUNE 10-11 K2O
0	N-P-K GRADES	0	0	0	0	0	0
0	IDENTIFIED BY GRADE	85,348	108,014	48,592	93,082	116,206	53,467
2	ANHYDROUS AMMONIA	181,113	0	0	193,519	0	0
6	AQUA AMMONIA	17,982	0	0	7,116	0	0
10	AMMONIUM NITRATE	635	0	0	688	0	0
12	AMMONIUM NITRATE SOLU	10,422	0	0	8,152	0	0
20	AMMONIUM POLYSULFIDE	678	0	0	293	0	0
24	AMMONIUM SULFATE	44,508	0	0	28,358	0	0
31	AMMONIUM THIOSULFATE	690	0	0	466	0	0
35	CALCIUM AMMONIUM NITR	27,029	0	0	23,017	0	0
43	CALCIUM NITRATE	12,707	0	0	8,154	0	0
56	NITROGEN SOLUTION <28	92,722	0	0	95,664	0	0
58	NITROGEN SOLUTION 28%	302	0	0	408	0	0
60	NITROGEN SOLUTION 32%	190,410	0	0	184,612	0	0
62	SODIUM NITRATE	177	0	0	5,078	0	0
64	SULFUR COATED UREA	10,769	0	0	47	0	0
66	UREA	82,415	0	0	69,872	0	0
67	UREA SOLUTION	409	0	0	684	0	0
203	DIAMMONIUM PHOSPHATE	1,315	3,361	0	688	1,759	0
207	AMMONIUM PHOSPHATE SU	7,638	9,547	0	5,157	6,446	0
209	MONOAMMONIUM PHOSPHAT	16,861	79,709	0	6,659	31,480	0
248	PHOSPHORIC ACID	0	30,175	0	0	6,908	0
249	LIQUID AMMONIUM POLYP	9,537	32,427	0	6,766	23,004	0
263	SUPERPHOSPHATE, NORMA	0	22	0	0	152	0
267	SUPERPHOSPHATE, TRIPL	0	1,080	0	0	3,019	0
428	MURIATE OF POTASH 60%	0	0	18,797	0	0	23,576
443	POTASSIUM-MAGNESIUM S	0	0	2,729	0	0	2,231
453	POTASSIUM NITRATE	2,136	0	6,714	2,417	0	7,596
463	POTASSIUM SULFATE	0	0	57,717	0	0	41,665
601	BLOOD, DRIED	22	0	0	10	0	0
667	SEWAGE SLUDGE, OTHER	194	65	32	48	16	8
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
	TOTAL	796,020	264,400	134,582	740,954	188,990	128,543

STATE OF CALIFORNIA - DEPARTMENT OF FOOD AND AGRICULTURE
TONNAGE REPORT OF COMMERCIAL FERTILIZERS AND AGRICULTURAL MINERALS
January - June 2011
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	44	0	0	0	0	0	165	0	0	59	0	361
ALPINE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AMADOR	0	0	0	0	0	8	0	0	0	0	0	78	0	0	12	0	61
BUTTE	0	-7	0	0	0	4,920	0	0	0	51	76	2,287	0	0	1,612	0	18,591
CALAVERAS	0	0	0	0	0	6	0	0	0	0	0	6	0	0	5	0	163
COLUSA	759	79	0	0	0	3,895	0	0	27	847	1	8,693	1	0	584	27	124,934
CONTRA COSTA	1,224	0	0	0	0	9	0	0	0	2	0	2,264	0	0	102	0	661
DEL NORTE	0	0	0	0	0	0	0	0	0	73	0	0	0	0	0	0	307
EL DORADO	2	0	0	0	0	18	0	0	0	6	0	1	0	0	8	0	79
FRESNO	2,408	0	0	0	0	2,488	0	0	8	1,871	8	42,082	0	0	5,323	0	45,696
GLENN	0	0	0	0	0	4,573	0	0	0	75	0	5,874	0	0	338	0	37,183
HUMBOLDT	0	0	0	0	0	6	0	0	0	139	0	3	0	0	14	0	45
IMPERIAL	769	0	81	0	0	389	0	0	0	0	147	33,463	40	0	20,982	0	18,237
INYO	0	0	0	0	0	203	0	3	55	16	0	62	0	1	34	6	12
KERN	1,720	0	0	0	0	1,064	0	0	4	154	14	56,424	73	0	2,178	0	36,295
KINGS	2,199	0	0	0	0	334	0	0	0	1,218	225	15,348	0	0	4,581	0	4,912
LAKE	0	0	0	0	0	95	0	0	0	0	0	143	0	0	75	0	81
LASSEN	0	0	0	0	0	786	0	0	0	0	0	47	0	0	252	0	3
LOS ANGELES	4	0	1	0	0	340	0	0	0	35	0	171	0	0	152	0	1,635
MADERA	269	183	0	0	0	807	0	0	0	86	16	11,304	0	0	1,127	0	8,824
MARIN	0	0	0	0	0	32	0	0	0	0	0	0	0	0	0	0	5
MARIPOSA	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	7
MENDOCINO	0	0	1	0	0	2	0	3	0	0	0	70	0	0	14	0	139
MERCED	120	0	0	0	0	1,252	23	0	1,423	134	33	13,288	0	0	1,831	0	30,577
MODOC	240	0	0	0	0	489	0	0	0	0	0	360	0	0	1,660	0	241
MONO	0	0	0	0	0	176	0	0	0	0	0	8	0	0	7	0	0
MONTEREY	0	0	0	340	0	1,746	0	9	0	416	0	7,898	0	0	1,046	0	25,596
NAPA	0	0	0	0	0	12	0	7	0	117	0	8	0	0	17	0	300
NEVADA	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	31
ORANGE	0	0	566	0	0	296	0	1	3	54	0	132	46	3	53	15	1,773
PLACER	0	0	0	0	0	135	0	0	0	6	0	158	0	0	134	0	2,090
PLUMAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	106
RIVERSIDE	1,164	0	0	0	0	1,062	0	1	0	332	0	8,210	0	0	1,722	3	10,764
SACRAMENTO	1,191	0	0	0	0	347	0	0	63	669	0	2,075	0	0	487	0	4,771
SAN BENITO	0	0	0	0	0	828	0	1	0	5	0	97	0	0	17	0	2,472
SAN BERNARDINO	0	0	52	0	0	127	0	1	50	74	0	82	0	0	120	40	441
SAN DIEGO	0	0	50	0	0	395	0	4	50	9,436	17	348	0	0	3,728	41	10,134
SAN FRANCISCO	0	0	0	0	0	0	0	0	0	0	0	27	0	0	0	0	41
SAN JOAQUIN	124,493	0	201	0	0	16,112	0	0	4,518	16,511	6	71,315	890	0	36,685	0	86,602
SAN LUIS OBISPO	4	0	0	0	0	228	0	0	2	194	0	987	0	7	48	0	2,313
SAN MATEO	0	0	0	0	0	43	0	0	0	0	0	11	0	0	26	0	201
SANTA BARBARA	6	0	1	0	0	254	0	0	0	416	23	5,768	0	0	155	0	10,272
SANTA CLARA	0	0	0	0	0	191	0	0	12	4	0	42	0	0	75	0	9,599
SANTA CRUZ	0	0	0	0	0	85	0	7	0	46	0	16	0	0	41	0	2,140
SHASTA	0	0	0	0	0	21	0	0	0	0	0	111	0	0	0	0	6,013
SIERRA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SISKIYOU	240	0	0	0	0	1,048	0	0	0	0	0	267	0	0	1,638	0	566
SOLANO	2,044	0	0	0	0	4,730	0	0	315	3	0	3,218	53	0	1,871	0	2,686
SONOMA	0	0	0	0	0	159	0	0	232	224	0	61	1	0	35	0	692
STANISLAUS	364	0	0	0	0	6,849	0	0	5,302	976	0	24,843	0	0	2,587	0	22,911
SUTTER	167	-5	0	0	0	7,220	0	0	0	524	390	4,655	0	0	2,301	0	36,561
TEHAMA	0	-8	0	0	0	1,849	0	0	0	131	0	1,541	0	0	388	0	1,524
TRINITY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
TULARE	2,822	0	18	5	0	1,198	1,232	0	1,637	1,645	1	25,285	29	0	3,222	0	12,956
TUOLUMNE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VENTURA	0	0	0	0	0	411	0	0	515	154	0	26,184	0	0	509	3	38,493
YOLO	895	0	0	0	0	3,323	0	0	0	32	0	14,096	28	0	2,015	0	38,550
YUBA	0	0	0	0	0	1,512	0	0	0	34	46	889	0	0	724	0	9,317
** UNKNOWN **	0	0	0	0	0	0	8	0	0	20	0	0	0	0	22	0	1,872
TOTAL	143,104	242	971	345	0	72,124	1,263	37	14,216	36,730	1,003	390,465	1,161	11	100,616	135	670,838

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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	19	0	0	0	0	0	397	0	0	0	1	132
ALPINE	0	0	0	0	0	0	0	0	0	0	0	0	0
AMADOR	0	0	0	0	0	0	0	92	20	0	0	0	31
BUTTE	82	423	535	0	328	0	0	3,092	455	0	202	1,633	1,031
CALAVERAS	0	61	0	0	0	0	0	3	14	0	0	0	1
COLUSA	1,299	6,795	1,017	0	5,144	0	0	1,919	455	35	11	1,133	640
CONTRA COSTA	0	52	0	0	94	0	0	253	56	0	2	5	84
DEL NORTE	0	91	0	0	0	0	22	5	0	0	5	22	2
EL DORADO	0	11	0	0	10	0	2	16	0	0	0	1	5
FRESNO	297	69	2,321	455	3,618	508	197	16,430	430	335	484	2,424	5,477
GLENN	207	2,666	255	0	46	0	0	2,952	149	0	108	4,422	984
HUMBOLDT	0	48	4	0	0	0	0	68	6	0	46	0	23
IMPERIAL	0	12	3,469	2,037	1,174	0	3,082	7,958	204	238	73	505	2,653
INYO	0	9	35	0	14	0	1	18	0	0	6	3	6
KERN	0	0	878	108	4,297	0	11	35,396	2,895	2,215	216	2,018	11,799
KINGS	11	0	363	425	595	0	122	2,588	66	4	11	417	863
LAKE	0	0	2	0	115	0	0	2	4	1	3	321	1
LASSEN	0	55	86	0	0	0	0	3	2	0	0	2	1
LOS ANGELES	1	14	153	0	22	0	11	1,916	2	24	1	952	639
MADERA	0	0	247	82	250	0	0	2,659	66	0	228	772	886
MARIN	0	0	0	0	0	0	0	8	0	0	0	150	3
MARIPOSA	0	0	0	0	0	0	0	5	0	0	0	0	2
MENDOCINO	0	24	1	0	3	0	0	185	0	0	0	30	62
MERCED	0	95	1,440	5	880	0	42	30,317	427	20	167	1,094	10,106
MODOC	0	2,555	396	0	1,284	0	0	1	158	0	0	551	0
MONO	0	74	26	0	0	0	0	0	0	0	0	0	0
MONTEREY	0	46	503	2,050	2,833	0	114	11,531	498	2	52	1,756	3,844
NAPA	0	6	21	0	4	0	10	305	0	0	2	49	102
NEVADA	0	2	1	0	0	0	0	47	0	0	0	263	16
ORANGE	0	24	0	3	336	0	26	2,078	679	0	10	47	693
PLACER	0	154	18	0	30	0	0	546	1	0	4	14	182
PLUMAS	0	0	0	0	0	0	0	10	0	0	0	0	3
RIVERSIDE	7	48	1,402	786	2,453	0	721	4,061	945	71	279	400	1,354
SACRAMENTO	0	295	329	0	10	0	11	1,611	585	5	0	105	537
SAN BENITO	0	0	0	0	73	0	0	2,697	224	0	0	210	899
SAN BERNARDINO	0	53	25	0	98	0	8	661	6	0	14	221	220
SAN DIEGO	190	39	43	25	0	0	271	13,728	69	146	150	610	4,576
SAN FRANCISCO	0	79	1	0	0	0	0	60	0	0	0	0	20
SAN JOAQUIN	0	86	210	0	1,949	0	0	16,777	2,100	673	7,423	5,940	5,592
SAN LUIS OBISPO	0	25	108	0	0	0	12	531	24	120	55	83	177
SAN MATEO	45	25	43	0	0	0	118	302	0	8	1	6	101
SANTA BARBARA	0	0	51	5	352	0	4	3,224	100	27	343	999	1,075
SANTA CLARA	0	5	0	0	0	0	57	14,197	0	0	0	13	4,732
SANTA CRUZ	0	0	21	0	1	0	13	3,070	0	0	11	73	1,023
SHASTA	0	19	0	0	0	0	1	8,788	0	0	0	0	2,929
SIERRA	0	0	0	0	0	0	0	0	0	0	0	0	0
SISKIYOU	0	2,861	357	0	538	0	0	257	180	0	0	528	86
SOLANO	229	2,317	1,939	0	4,277	0	14	2,478	222	5	20	224	826
SONOMA	0	16	22	0	91	0	25	981	3	36	5	392	327
STANISLAUS	0	45	1,016	0	1,729	0	1	6,896	3,283	438	143	4,676	2,299
SUTTER	167	3,043	1,496	0	2,777	0	0	1,626	918	29	250	441	542
TEHAMA	0	109	1	0	1	0	0	758	20	0	71	486	253
TRINITY	0	0	0	0	0	0	0	2	0	0	0	0	1
TULARE	5	0	1,796	333	803	180	152	11,358	1,015	42	798	697	3,786
TUOLUMNE	0	0	0	0	0	0	0	0	0	0	0	0	0
VENTURA	0	547	422	117	451	0	88	5,499	127	36	232	692	1,833
YOLO	0	815	280	0	3,247	0	0	1,960	39	36	20	170	653
YUBA	76	1,203	185	0	324	0	0	564	668	0	55	3	188
** UNKNOWN **	616	0	2,504	0	0	0	0	2,808	4,396	0	0	1	936
TOTAL	3,232	24,935	24,022	6,431	40,251	688	5,136	225,681	21,511	4,546	11,501	35,555	75,227

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COUNTY	COPPER	IRON	GYPSUM	LIME	SEWAGE SLUDGE	SULFUR	SULFURIC ACID	OTHER SEC MIC	ALL OTHER
ALAMEDA	0	19	15	35	0	7	0	344	0
ALPINE	0	0	0	0	0	0	0	0	0
AMADOR	0	0	0	15	0	10	0	6	0
BUTTE	9	40	1,727	1,157	0	604	0	1,644	1,496
CALAVERAS	0	0	534	0	0	23	0	24	0
COLUSA	28	35	3,211	10,319	0	181	0	3,132	962
CONTRA COSTA	0	2	0	116	0	59	0	90	0
DEL NORTE	0	0	2	9	0	0	0	4	3
EL DORADO	0	0	0	8	0	8	0	3	0
FRESNO	109	211	75,545	8,658	0	6,753	3,289	17,313	411
GLENN	2	0	1,890	2,479	0	389	25	843	0
HUMBOLDT	0	0	5	6	0	13	0	53	42
IMPERIAL	28	1	620	3,427	0	418	338	1,034	38
INYO	0	0	5	7	0	2	0	89	0
KERN	81	82	158,491	10,826	0	10,607	5,552	166,860	11,260
KINGS	48	0	51,446	5,927	0	5,756	24,925	2,246	10
LAKE	0	0	41	27	0	14	0	8	0
LASSEN	0	0	172	0	0	0	25	0	82
LOS ANGELES	1	109	313	72	50	278	96	1,104	2,918
MADERA	11	11	12,314	1,237	0	859	1,603	2,265	874
MARIN	0	0	0	0	0	201	0	5	0
MARIPOSA	0	0	0	4	0	0	0	0	0
MENDOCINO	0	0	102	69	0	2,901	0	146	0
MERCED	8	8	4,191	2,161	0	4,885	0	2,879	38
MODOC	1	0	1,395	0	0	623	23	1,748	0
MONO	0	0	0	353	0	26	51	1	0
MONTEREY	4	5	350	783	0	232	199	2,140	27
NAPA	0	1	877	1,008	0	2	0	853	73
NEVADA	0	0	24	0	0	0	0	2	0
ORANGE	0	95	297	75	0	110	48	191	0
PLACER	1	20	13	118	0	0	0	22	869
PLUMAS	0	0	0	0	0	0	0	0	0
RIVERSIDE	6	281	453	73	0	96	112	10,406	5
SACRAMENTO	8	29	557	284	1,715	315	0	9,223	44
SAN BENITO	0	1	744	455	0	0	22	204	0
SAN BERNARDINO	0	259	36	11	0	6	0	180	260
SAN DIEGO	2	374	1,477	94	0	12	21	589	9
SAN FRANCISCO	0	0	0	0	0	0	0	45	0
SAN JOAQUIN	0	228	3,156	4,360	298	4,435	202	8,379	9,145
SAN LUIS OBISPO	7	5	1,545	50,205	0	148	0	361	51
SAN MATEO	0	8	0	0	0	0	0	1	0
SANTA BARBARA	4	436	5,549	3,746	0	69	0	2,410	7
SANTA CLARA	0	37	970	793	0	0	0	534	0
SANTA CRUZ	0	2	1,211	1,090	0	0	0	1,080	0
SHASTA	0	4	48	6,082	0	242	0	25	0
SIERRA	0	0	0	0	0	0	0	0	0
SISKIYOU	0	0	2,009	0	0	708	68	1,819	0
SOLANO	3	1	67	141	0	233	0	142	0
SONOMA	0	79	1,518	1,018	0	4	0	619	0
STANISLAUS	2	24	8,730	4,211	0	4,143	134	4,135	563
SUTTER	35	0	855	201	0	265	0	1,109	22
TEHAMA	4	7	1,425	4,110	0	117	0	171	0
TRINITY	0	0	0	0	0	0	0	0	0
TULARE	58	45	32,360	2,523	0	3,230	3,263	6,525	3,471
TUOLUMNE	0	0	0	0	0	0	0	0	0
VENTURA	0	51	399	7	0	390	153	890	1,251
YOLO	2	0	1,978	1,505	0	183	0	14,048	0
YUBA	13	0	150	618	0	52	0	216	0
** UNKNOWN **	0	6	0	213	0	0	0	83	0
TOTAL	475	2,516	378,817	130,636	2,063	49,609	40,149	268,243	33,931

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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	608	95	475	1,178	78	287	55	420	9,236	2	62	9,300	10,898
ALPINE	0	0	0	0	0	0	0	0	0	0	0	0	0
AMADOR	47	104	150	301	6	15	10	31	476	0	0	476	808
BUTTE	1,514	14,070	19,726	35,310	451	4,506	1,720	6,677	3,141	3,241	5	6,387	48,374
CALAVERAS	0	90	169	259	534	47	0	581	77	0	13	90	930
COLUSA	975	17,438	139,881	158,294	3,033	14,142	693	17,868	231	233	0	464	176,626
CONTRA COSTA	59	484	4,265	4,808	95	105	67	267	7,875	260	20	8,155	13,230
DEL NORTE	108	114	304	526	18	0	0	18	416	23	10	449	993
EL DORADO	50	29	80	159	11	0	8	19	1,265	382	9	1,656	1,834
FRESNO	20,914	21,459	90,556	132,929	7,758	99,549	4,982	112,289	4,858	2,287	12	7,157	252,375
GLENN	1,517	16,938	41,377	59,832	167	5,327	134	5,628	73	1,141	170	1,384	66,844
HUMBOLDT	316	83	3	402	119	0	0	119	1,708	29,477	37	31,222	31,743
IMPERIAL	962	36,562	57,988	95,512	1,167	3,519	1,218	5,904	1,104	2	7	1,113	102,529
INYO	136	272	76	484	103	0	0	103	169	0	0	169	756
KERN	18,785	58,936	80,038	157,759	5,302	353,074	5,383	363,759	4,752	4,229	15	8,996	530,514
KINGS	3,511	6,552	24,219	34,282	708	63,103	26,547	90,358	713	1,478	0	2,191	126,831
LAKE	325	176	341	842	56	26	8	90	517	0	2	519	1,451
LASSEN	57	1,132	48	1,237	13	241	25	279	0	0	0	0	1,516
LOS ANGELES	4,672	306	1,095	6,073	1,471	3,312	158	4,941	46,304	16,917	221	63,442	74,456
MADERA	3,502	3,053	21,251	27,806	2,578	7,473	9,123	19,174	761	172	1	934	47,914
MARIN	170	27	0	197	206	0	0	206	1,443	1,700	55	3,198	3,601
MARIPOSA	0	8	9	17	0	4	0	4	2	0	0	2	23
MENDOCINO	226	146	161	533	3,092	121	5	3,218	3,546	2	162	3,710	7,461
MERCED	4,483	59,879	28,911	93,273	1,835	11,833	502	14,170	1,608	332	2	1,942	109,385
MODOC	22	5,787	2,126	7,935	24	3,738	28	3,790	79	0	0	79	11,804
MONO	0	283	8	291	1	379	51	431	66	0	0	66	788
MONTEREY	1,279	17,481	41,519	60,279	780	2,645	315	3,740	1,725	17,357	2	19,084	83,103
NAPA	229	596	134	959	44	2,690	80	2,814	439	850	1	1,290	5,063
NEVADA	338	25	1	364	1	24	1	26	511	5,430	9	5,950	6,340
ORANGE	4,545	740	1,552	6,837	589	100	127	816	24,341	12,502	265	37,108	44,761
PLACER	513	1,045	1,914	3,472	42	999	2	1,043	7,267	17	56	7,340	11,855
PLUMAS	19	0	100	119	0	0	0	0	21	0	0	21	140
RIVERSIDE	8,454	4,633	22,698	35,785	10,657	261	514	11,432	61,007	14,456	282	75,745	122,962
SACRAMENTO	2,665	3,276	7,149	13,090	423	11,668	84	12,175	14,253	2,993	261	17,507	42,772
SAN BENITO	67	5,753	1,703	7,523	230	1,136	60	1,426	598	54	0	652	9,601
SAN BERNARDINO	1,758	81	454	2,293	469	258	25	752	28,827	55,754	832	85,413	88,458
SAN DIEGO	8,541	23,409	12,099	44,049	1,722	718	138	2,578	27,838	5,969	78	33,885	80,512
SAN FRANCISCO	1	189	38	228	0	45	0	45	392	11	23	426	699
SAN JOAQUIN	21,158	88,201	288,724	398,083	7,188	21,862	1,153	30,203	11,635	31,250	540	43,425	471,711
SAN LUIS OBISPO	1,026	299	3,593	4,918	449	51,742	131	52,322	2,209	0	9	2,218	59,458
SAN MATEO	887	28	15	930	8	0	1	9	4,681	54	16	4,751	5,690
SANTA BARBARA	3,477	1,847	17,750	23,074	1,329	10,689	203	12,221	3,447	1,341	23	4,811	40,106
SANTA CLARA	2,475	26,050	402	28,927	306	2,010	18	2,334	13,867	12	54	13,933	45,194
SANTA CRUZ	637	5,288	622	6,547	1,015	2,327	41	3,383	5,406	32	38	5,476	15,406
SHASTA	180	17,415	287	17,882	77	6,324	0	6,401	2,375	7	12	2,394	26,677
SIERRA	0	0	0	0	0	0	0	0	0	0	0	0	0
SISKIYOU	10	6,985	1,571	8,566	1	4,534	69	4,604	235	99	0	334	13,504
SOLANO	372	16,482	10,616	27,470	163	274	150	587	5,588	270	12	5,870	33,927
SONOMA	2,403	643	256	3,302	389	2,730	119	3,238	4,578	1,008	130	5,716	12,256
STANISLAUS	2,759	34,703	46,895	84,357	2,734	17,511	1,697	21,942	4,699	1,881	18	6,598	112,897
SUTTER	497	19,607	42,997	63,101	437	1,454	596	2,487	1,169	99	3	1,271	66,859
TEHAMA	273	5,046	1,804	7,123	113	5,684	37	5,834	7,649	4	96	7,749	20,706
TRINITY	0	3	0	3	0	0	0	0	525	0	6	531	534
TULARE	7,491	23,438	40,086	71,015	4,337	42,182	4,956	51,475	11,146	3,587	1,613	16,346	138,836
TUOLUMNE	0	0	0	0	0	0	0	0	535	0	1	536	536
VENTURA	3,334	6,012	66,966	76,312	817	433	1,891	3,141	12,066	1,795	18	13,879	93,332
YOLO	221	9,679	56,259	66,159	475	17,093	148	17,716	5,015	237	29	5,281	89,156
YUBA	71	5,516	10,200	15,787	13	1,026	10	1,049	301	0	1	302	17,138
** UNKNOWN **	4,106	8,974	103	13,183	83	0	219	302	82,547	0	50	82,597	96,082
TOTAL	142,745	577,467	1,191,764	1,911,976	63,717	779,220	63,502	906,439	437,368	218,947	5,281	661,596	3,480,011

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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	206	147	48	401	109	108	35	253	97	39	13	149
ALPINE	0	0	0	0	0	0	0	0	0	0	0	0
AMADOR	54	33	23	110	21	20	19	59	34	13	4	51
BUTTE	6,714	1,626	1,550	9,890	2,632	1,423	1,519	5,575	4,082	202	30	4,315
CALAVERAS	48	13	9	70	14	13	9	35	34	0	0	35
COLUSA	31,639	4,925	1,082	37,646	2,938	2,888	983	6,809	28,701	2,037	100	30,837
CONTRA COSTA	1,946	133	67	2,146	96	67	56	218	1,850	66	11	1,928
DEL NORTE	88	32	14	134	27	32	14	73	61	0	0	61
EL DORADO	31	12	2	45	15	9	2	27	15	3	0	19
FRESNO	28,925	8,966	3,728	41,620	6,747	6,200	3,232	16,178	22,179	2,766	496	25,441
GLENN	11,225	1,839	2,702	15,767	2,313	1,780	2,688	6,781	8,912	59	15	8,986
HUMBOLDT	60	36	32	129	59	36	32	128	1	0	0	1
IMPERIAL	25,972	7,834	1,414	35,221	9,966	5,265	1,173	16,404	16,006	2,569	242	18,816
INYO	104	32	6	142	82	27	6	116	21	5	0	26
KERN	31,712	14,723	7,576	54,011	9,290	12,503	7,228	29,021	22,422	2,221	347	24,990
KINGS	10,344	1,623	564	12,532	2,734	796	434	3,965	7,610	827	130	8,567
LAKE	126	41	165	331	55	1	164	221	71	40	0	111
LASSEN	315	57	3	375	300	57	3	359	15	0	0	15
LOS ANGELES	752	785	713	2,250	561	680	680	1,922	191	105	32	328
MADERA	6,381	1,215	845	8,441	1,162	668	706	2,536	5,218	547	139	5,904
MARIN	9	3	76	87	9	3	76	87	0	0	0	0
MARIPOSA	2	2	1	5	1	1	0	2	1	1	0	2
MENDOCINO	81	73	37	191	47	59	33	139	34	14	4	52
MERCED	14,849	12,005	4,519	31,373	8,351	10,896	4,253	23,500	6,498	1,109	266	7,873
MODOC	1,796	1,154	370	3,320	1,319	717	370	2,406	477	437	0	914
MONO	57	28	0	86	55	28	0	83	3	0	0	3
MONTEREY	9,798	6,553	2,584	18,934	2,515	2,533	1,937	6,985	7,282	4,020	647	11,950
NAPA	125	128	62	314	102	122	60	285	22	6	2	30
NEVADA	13	18	137	168	12	18	137	167	0	0	0	0
ORANGE	946	881	685	2,511	720	640	643	2,003	226	241	42	509
PLACER	648	247	75	970	249	237	75	561	399	10	0	409
PLUMAS	22	3	1	27	2	3	1	7	20	0	0	20
RIVERSIDE	7,515	3,851	1,393	12,759	1,999	2,228	1,270	5,497	5,516	1,623	122	7,262
SACRAMENTO	3,240	818	598	4,656	918	767	582	2,268	2,322	51	16	2,389
SAN BENITO	982	996	563	2,541	726	816	512	2,054	256	179	51	486
SAN BERNARDINO	335	299	200	833	266	216	183	665	69	83	16	168
SAN DIEGO	6,905	5,216	2,092	14,213	5,321	3,272	1,448	10,041	1,584	1,944	644	4,172
SAN FRANCISCO	36	38	7	81	26	36	7	69	10	2	1	12
SAN JOAQUIN	167,027	6,829	9,657	183,513	26,978	3,395	8,655	39,027	140,049	3,434	1,003	144,485
SAN LUIS OBISPO	918	259	170	1,347	176	143	132	450	742	116	39	896
SAN MATEO	114	211	41	366	110	210	41	362	4	1	0	5
SANTA BARBARA	4,455	1,311	1,103	6,870	598	564	895	2,057	3,858	747	208	4,813
SANTA CLARA	3,521	5,138	1,710	10,369	3,458	5,097	1,697	10,252	62	41	14	116
SANTA CRUZ	807	1,122	410	2,339	723	1,030	379	2,133	83	92	31	206
SHASTA	2,183	3,168	1,055	6,405	2,114	3,164	1,053	6,331	69	4	1	74
SIERRA	0	0	0	0	0	0	0	0	0	0	0	0
SISKIYOU	1,923	1,033	403	3,359	1,517	827	395	2,738	406	207	8	620
SOLANO	6,456	3,930	552	10,937	3,134	2,468	550	6,151	3,322	1,462	3	4,786
SONOMA	398	410	326	1,134	356	367	322	1,045	43	43	4	89
STANISLAUS	17,040	3,608	5,295	25,942	5,943	2,227	4,913	13,083	11,097	1,381	382	12,860
SUTTER	12,748	2,993	1,083	16,824	3,801	2,248	1,068	7,117	8,948	745	15	9,707
TEHAMA	1,475	295	377	2,147	1,037	295	377	1,709	438	0	0	439
TRINITY	0	1	0	1	0	1	0	1	0	0	0	0
TULARE	17,243	5,600	2,681	25,523	5,044	3,954	2,268	11,266	12,199	1,645	413	14,257
TUOLUMNE	0	0	0	0	0	0	0	0	0	0	0	0
VENTURA	16,314	2,571	1,192	20,077	1,279	1,398	838	3,515	15,034	1,173	354	16,562
YOLO	15,065	2,118	360	17,543	2,215	862	313	3,390	12,850	1,256	47	14,153
YUBA	3,137	685	494	4,316	1,025	575	494	2,094	2,112	110	0	2,222
** UNKNOWN **	1,074	2,596	2,975	6,646	1,062	2,578	2,969	6,609	12	19	6	37
TOTAL	475,898	120,262	63,827	659,986	122,332	86,568	57,928	266,827	353,566	33,694	5,899	393,159

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COUNTY	ANHY AMM	AQUA AMM	AMM NITR	AMM NIT SOL	AMPOLY	AMM SUL	AMM THIO	BLOOD MEAL	CAL AMM NIT	CAL NIT	NSOL 28%	NSOL 32%	SOD NIT	SCU	UREA	UREA SOL	OTHER N
ALAMEDA	0	0	0	0	0	76	0	0	5	19	0	174	0	0	59	0	554
ALPINE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AMADOR	0	0	0	0	0	9	0	0	0	0	0	78	0	0	13	0	68
BUTTE	0	557	0	0	0	14,124	12	0	418	93	130	3,488	0	0	1,904	0	19,114
CALAVERAS	0	0	0	0	0	35	3	0	0	0	0	6	0	0	5	0	167
COLUSA	1,201	8,241	0	0	0	12,258	4	0	900	1,280	4	10,929	1	0	934	27	125,500
CONTRA COSTA	2,410	0	4	0	0	48	0	0	6	4	0	2,293	0	0	164	0	720
DEL NORTE	0	0	0	0	0	15	0	0	0	85	0	0	0	0	0	0	379
EL DORADO	2	0	0	0	0	30	0	0	0	10	0	1	0	0	14	0	100
FRESNO	3,357	883	0	287	60	3,712	2	0	19,453	3,545	10	68,745	4	0	7,616	551	55,154
GLENN	0	2,066	0	0	0	7,363	4	0	487	124	0	7,399	0	0	499	0	37,789
HUMBOLDT	0	0	0	1	0	6	0	0	4	206	0	6	0	0	40	0	351
IMPERIAL	2,625	0	81	5,612	299	722	3	0	3,927	49	176	54,261	85	0	36,929	5	22,731
INYO	0	0	0	0	0	268	1	6	93	21	0	75	0	3	84	8	22
KERN	3,814	53	0	109	55	1,675	109	0	5,230	418	14	72,078	193	0	3,256	83	43,602
KINGS	8,014	0	0	9	7	454	105	0	2,434	1,650	294	30,956	30,000	0	6,918	121	6,967
LAKE	0	0	0	0	0	97	0	0	8	3	0	297	0	0	264	0	81
LASSEN	0	0	0	0	0	786	0	0	0	0	0	47	0	0	252	0	23
LOS ANGELES	4	9	2	129	0	756	0	0	994	95	0	365	0	0	254	0	18,592
MADERA	297	235	0	27	0	956	2	0	3,935	146	16	14,836	0	0	1,449	305	10,064
MARIN	0	0	0	0	0	34	0	0	0	0	0	0	0	0	2	0	23
MARIPOSA	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	7
MENDOCINO	0	0	1	0	0	13	0	4	22	5	0	126	0	0	32	0	295
MERCED	216	122	0	26	13	2,157	25	0	6,723	155	49	17,155	0	0	2,190	183	35,523
MODOC	243	0	0	0	0	742	192	0	46	0	0	761	0	0	1,812	20	269
MONO	0	0	0	0	0	217	0	0	0	0	0	10	0	0	12	0	0
MONTEREY	0	0	4	10,270	0	3,787	1,639	9	7,849	1,020	5	16,753	0	5	2,920	315	33,047
NAPA	2	0	0	0	0	37	0	8	67	181	0	46	0	0	24	0	568
NEVADA	0	69	0	0	0	28	0	0	0	0	0	0	0	0	0	0	51
ORANGE	0	43	1,301	53	0	620	0	2	278	92	0	182	53	3	119	23	3,809
PLACER	0	250	0	0	0	376	0	0	0	29	0	164	0	0	175	0	2,282
PLUMAS	0	0	0	0	0	21	0	0	0	0	0	0	0	0	0	0	106
RIVERSIDE	1,658	0	0	2,088	18	1,842	163	9	3,685	932	0	11,893	0	0	2,723	7	15,214
SACRAMENTO	1,443	596	2	0	0	986	0	0	142	705	0	2,840	0	0	614	0	21,145
SAN BENITO	21	0	0	0	0	893	0	1	722	60	0	179	0	0	23	0	4,247
SAN BERNARDINO	0	0	52	0	0	217	0	20	68	130	0	89	0	0	229	44	763
SAN DIEGO	0	0	95	169	0	804	25	9	510	10,123	32	734	0	0	8,801	71	19,909
SAN FRANCISCO	0	0	0	0	0	70	0	0	0	0	0	27	0	0	0	0	141
SAN JOAQUIN	198,991	6,730	401	0	0	23,860	4	0	28,244	26,750	7	93,561	1,290	19	47,714	10	92,681
SAN LUIS OBISPO	11	52	0	838	0	552	42	0	727	251	7	1,922	0	12	98	208	2,788
SAN MATEO	0	0	4	0	0	132	0	0	1	53	0	11	0	0	51	0	547
SANTA BARBARA	12	23	23	5,624	0	472	31	0	1,585	1,209	75	11,468	0	0	337	717	13,335
SANTA CLARA	10	0	17	0	0	356	0	0	48	162	0	109	3	0	182	0	15,785
SANTA CRUZ	0	1	6	64	0	123	1	7	19	78	0	21	0	0	45	0	2,530
SHASTA	451	0	2	0	0	1,659	0	0	87	4	0	242	0	0	943	0	11,186
SIERRA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SISKIYOU	243	0	0	0	0	1,235	95	0	74	0	199	398	0	0	2,054	20	701
SOLANO	4,031	462	0	159	0	11,751	60	0	629	85	0	5,037	53	0	2,631	5	3,829
SONOMA	0	0	9	0	0	197	0	5	259	367	0	120	1	0	51	0	961
STANISLAUS	1,201	27	1	126	976	9,308	68	0	10,908	1,123	0	37,360	0	0	3,394	8	25,438
SUTTER	293	5,367	0	0	0	14,420	2	0	368	653	387	6,647	0	0	2,769	0	36,832
TEHAMA	0	83	0	0	0	2,161	0	0	203	133	0	2,757	0	0	501	0	1,621
TRINITY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
TULARE	4,168	32	18	25	35	2,285	1,259	4	4,519	1,801	6	36,015	29	0	4,877	0	15,972
TUOLUMNE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VENTURA	0	0	0	1,503	0	687	0	0	28,470	301	0	43,406	0	89	1,000	687	42,562
YOLO	1,281	9,692	0	27	0	7,340	22	0	1,105	117	0	18,255	28	0	4,132	0	38,864
YUBA	0	-14	0	0	0	2,263	6	0	142	73	46	1,121	0	0	764	0	9,245
** UNKNOWN **	0	0	0	13,612	0	0	8	0	0	20	0	0	0	0	22	0	4,599
TOTAL	235,999	35,579	2,023	40,758	1,463	135,038	3,887	84	135,394	54,360	1,457	575,443	31,740	131	151,895	3,418	798,857

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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	51	0	0	0	0	0	571	0	0	1	1	264
ALPINE	0	0	0	0	0	0	0	0	0	0	0	0	0
AMADOR	0	0	0	0	0	0	0	97	20	0	0	2	35
BUTTE	82	1,040	841	0	345	0	0	3,562	1,511	26	226	6,006	1,385
CALAVERAS	0	61	0	0	0	0	0	7	25	0	0	1	4
COLUSA	1,335	6,994	2,274	0	7,314	0	28	2,427	518	57	13	1,635	1,023
CONTRA COSTA	0	60	0	2	94	0	0	306	134	0	8	7	125
DEL NORTE	0	91	0	0	0	0	23	69	0	0	13	22	50
EL DORADO	0	12	0	0	10	0	13	34	3	0	1	11	19
FRESNO	418	69	6,394	520	8,869	508	197	24,926	1,675	1,257	784	6,633	11,889
GLENN	222	2,819	402	0	121	0	0	3,497	558	183	114	6,009	1,395
HUMBOLDT	0	53	4	0	0	0	0	343	6	0	56	0	230
IMPERIAL	4	201	18,145	4,473	3,729	0	3,082	11,995	433	734	87	1,195	5,699
INYO	0	11	37	0	15	0	1	27	0	18	10	6	13
KERN	0	7	1,774	180	7,927	0	11	41,959	4,164	2,369	447	3,030	16,752
KINGS	134	0	1,278	1,043	5,157	0	122	4,434	507	49	176	953	2,256
LAKE	0	0	2	0	120	0	1	2	4	1	3	346	1
LASSEN	0	55	109	0	0	0	0	21	2	0	0	2	14
LOS ANGELES	1	868	404	0	98	0	19	17,149	4	29	1	1,206	12,135
MADERA	0	13	351	101	315	0	0	3,772	162	124	287	1,681	1,726
MARIN	0	9	0	0	5	0	0	24	0	0	0	1,011	15
MARIPOSA	0	0	0	0	0	0	0	5	0	0	0	0	2
MENDOCINO	0	34	1	0	3	0	6	325	0	39	0	110	167
MERCED	0	106	2,206	72	1,208	0	42	34,759	3,925	126	380	3,067	13,459
MODOC	0	2,873	576	0	1,827	0	0	26	321	0	0	594	20
MONO	0	74	282	0	0	0	0	0	18	0	0	0	0
MONTEREY	0	66	2,078	3,889	3,881	0	114	18,223	1,473	5	99	4,716	8,895
NAPA	0	17	43	0	86	0	26	545	0	0	7	121	283
NEVADA	0	11	1	0	0	0	0	65	0	0	0	269	29
ORANGE	0	114	0	5	363	0	74	3,906	679	4	20	56	2,073
PLACER	0	218	20	0	30	0	2	719	3	0	6	58	312
PLUMAS	0	0	0	0	0	0	0	10	0	0	0	0	3
RIVERSIDE	14	100	3,186	1,335	3,701	0	777	8,058	1,145	190	400	614	4,370
SACRAMENTO	1	564	684	0	11	0	12	16,320	702	22	0	202	11,638
SAN BENITO	0	0	0	0	110	0	0	4,291	235	0	31	443	2,102
SAN BERNARDINO	0	77	246	0	131	0	14	950	6	0	31	357	439
SAN DIEGO	226	104	78	338	0	0	342	22,509	102	265	247	1,652	11,203
SAN FRANCISCO	0	79	1	0	103	0	0	150	0	0	0	1	88
SAN JOAQUIN	0	104	417	3	3,193	0	2	22,238	4,651	2,746	10,482	20,229	9,714
SAN LUIS OBISPO	0	41	127	7	26	0	12	958	62	206	115	219	499
SAN MATEO	83	25	51	4	0	1	241	613	2	8	18	143	335
SANTA BARBARA	0	13	189	6	540	0	8	5,975	173	62	499	1,299	3,151
SANTA CLARA	2	19	3	0	11	0	65	19,753	0	18	3	35	8,926
SANTA CRUZ	0	0	32	0	1	0	26	3,420	0	0	71	77	1,288
SHASTA	0	215	540	0	0	0	1	13,435	15	0	9	58	6,437
SIERRA	0	0	0	0	0	0	0	0	0	0	0	0	0
SISKIYOU	0	3,504	561	0	602	0	0	378	271	0	0	571	177
SOLANO	332	3,571	4,054	18	5,917	0	96	3,504	760	37	31	380	1,601
SONOMA	0	48	34	0	136	1	38	1,223	10	45	143	627	509
STANISLAUS	0	48	1,736	0	2,187	0	4	9,165	5,873	995	271	10,367	4,011
SUTTER	207	3,464	2,069	0	2,892	0	0	1,869	1,212	29	300	1,377	726
TEHAMA	0	248	12	0	26	0	0	845	29	0	84	1,366	319
TRINITY	0	0	0	0	0	0	0	3	0	0	0	0	2
TULARE	43	0	3,944	509	1,204	180	153	14,067	2,216	368	1,216	2,430	5,830
TUOLUMNE	0	0	0	0	0	0	0	0	0	0	0	0	0
VENTURA	0	1,673	800	288	1,029	0	107	9,154	325	62	481	1,428	4,592
YOLO	11	1,185	956	0	3,997	0	81	2,242	250	69	20	489	866
YUBA	76	1,223	198	0	324	0	0	499	714	0	72	216	139
** UNKNOWN **	632	0	3,399	0	0	0	0	5,258	4,396	0	0	1	2,785
TOTAL	3,823	32,232	60,539	12,793	67,658	690	5,740	340,681	39,294	10,143	17,263	83,329	162,020

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COUNTY	COPPER	IRON	GYPSUM	LIME	SEWAGE SLUDGE	SULFUR	SULFURIC ACID	OTHER SEC MIC	ALL OTHER
ALAMEDA	0	56	97	62	0	12	0	635	8
ALPINE	0	0	0	0	0	0	0	0	0
AMADOR	0	0	129	16	0	15	0	10	0
BUTTE	9	43	2,461	2,884	0	1,258	49	2,168	1,500
CALAVERAS	0	0	852	0	0	50	0	24	0
COLUSA	28	37	6,164	19,655	0	821	0	3,880	962
CONTRA COSTA	0	4	0	346	0	59	0	100	0
DEL NORTE	0	0	3	15	0	0	0	9	3
EL DORADO	0	3	0	22	0	33	0	6	0
FRESNO	195	380	288,643	19,129	0	25,509	7,519	37,939	467
GLENN	2	2	3,441	11,896	0	546	25	1,082	0
HUMBOLDT	0	0	29	6	0	13	0	101	42
IMPERIAL	41	9	3,425	18,816	0	948	785	2,320	53
INYO	0	0	8	12	0	3	0	95	0
KERN	179	149	325,495	23,259	0	27,220	14,908	175,830	11,261
KINGS	49	5,500	131,619	18,568	0	10,659	44,870	4,760	13
LAKE	0	0	383	27	0	14	0	8	0
LASSEN	0	7	369	0	0	49	25	0	82
LOS ANGELES	3	204	586	74	50	288	96	1,133	13,262
MADERA	29	27	16,679	1,642	0	3,431	4,233	4,010	874
MARIN	0	5	0	0	0	339	0	38	0
MARIPOSA	0	0	0	4	0	0	0	0	0
MENDOCINO	0	0	281	265	0	4,173	0	161	0
MERCED	8	13	12,746	7,849	0	7,783	328	9,700	44
MODOC	1	0	3,770	137	0	792	35	1,862	0
MONO	0	0	0	353	0	31	125	4	0
MONTEREY	7	13	8,671	47,429	184	1,087	754	2,984	63
NAPA	0	1	2,290	2,440	0	51	0	1,630	73
NEVADA	0	0	38	16	0	2	0	8	0
ORANGE	0	280	1,267	137	0	168	72	443	0
PLACER	1	49	13	126	0	-1	0	79	869
PLUMAS	0	0	0	0	0	0	0	1	0
RIVERSIDE	17	742	1,433	112	0	152	174	11,640	7
SACRAMENTO	9	42	2,257	5,827	1,758	350	0	17,091	124
SAN BENITO	1	2	1,332	485	0	48	22	273	0
SAN BERNARDINO	0	279	562	17	0	7	0	429	260
SAN DIEGO	5	838	3,833	140	0	60	21	1,024	9
SAN FRANCISCO	0	2	7	0	0	0	0	48	0
SAN JOAQUIN	1	437	42,882	13,017	864	6,014	202	10,872	9,166
SAN LUIS OBISPO	8	20	1,732	128,035	0	172	0	1,374	51
SAN MATEO	0	15	10	51	0	1	0	32	0
SANTA BARBARA	4	458	23,545	14,458	0	212	11	3,845	212
SANTA CLARA	0	90	1,146	1,563	0	0	0	808	2
SANTA CRUZ	6	4	3,946	2,040	0	841	5	1,571	0
SHASTA	0	12	5,981	13,328	0	266	0	39	0
SIERRA	0	0	0	76	0	0	0	0	0
SISKIYOU	0	0	10,251	12	0	919	105	2,032	0
SOLANO	3	21	2,071	3,050	0	1,420	0	2,311	0
SONOMA	1	95	4,015	2,529	0	40	0	701	0
STANISLAUS	23	37	27,681	15,508	0	11,381	194	8,508	564
SUTTER	38	0	4,653	1,935	0	804	0	1,568	28
TEHAMA	4	8	2,174	5,811	0	149	0	365	0
TRINITY	0	0	0	0	0	0	0	0	0
TULARE	147	57	78,430	11,491	0	15,953	5,191	12,857	3,493
TUOLUMNE	0	0	0	0	0	0	0	0	0
VENTURA	1	222	1,291	84	0	488	153	3,798	1,323
YOLO	2	2	9,678	3,142	0	522	0	27,589	0
YUBA	14	0	652	745	0	57	0	2,578	0
** UNKNOWN **	0	6	0	213	0	112	0	605	94
TOTAL	836	10,171	1,039,021	400,854	2,856	125,321	79,902	362,978	44,909

STATE OF CALIFORNIA - DEPARTMENT OF FOOD AND AGRICULTURE
TONNAGE REPORT OF COMMERCIAL FERTILIZERS AND AGRICULTURAL MINERALS
July 2010 - June 2011
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
	0	0	0	0	0	0	0	0	56	0	0	56	56
ALAMEDA	1,119	122	534	1,775	221	562	87	870	231,852	312	100	232,264	234,909
ALPINE	0	0	0	0	0	0	0	0	0	0	0	0	0
AMADOR	56	114	152	322	14	143	13	170	620	0	0	620	1,112
BUTTE	2,209	30,716	21,939	54,864	668	7,749	1,955	10,372	32,862	7,259	16	40,137	105,373
CALAVERAS	1	141	172	314	852	74	0	926	91	0	24	115	1,355
COLUSA	1,431	29,280	154,187	184,898	3,493	27,148	906	31,547	231	1,717	63	2,011	218,456
CONTRA COSTA	223	655	5,507	6,385	103	335	71	509	35,806	415	85	36,306	43,200
DEL NORTE	315	129	304	748	30	0	0	30	548	23	61	632	1,410
EL DORADO	129	52	80	261	31	25	8	64	28,499	3,756	10	32,265	32,590
FRESNO	35,344	44,636	147,537	227,517	9,997	359,567	10,217	379,781	21,832	8,152	21	30,005	637,303
GLENN	2,195	22,978	45,878	71,051	470	16,298	226	16,994	123	2,509	170	2,802	90,847
HUMBOLDT	1,133	109	64	1,306	191	0	0	191	55,469	29,548	60	85,077	86,574
IMPERIAL	2,062	68,968	106,252	177,282	1,475	22,065	2,857	26,397	1,870	810	7	2,687	206,366
INYO	195	433	91	719	116	2	0	118	176	0	0	176	1,013
KERN	28,992	69,149	111,168	209,309	11,384	551,039	15,878	578,301	7,066	7,410	1,407	15,883	803,493
KINGS	5,300	44,379	54,359	104,038	1,086	162,760	52,192	216,038	955	1,971	190	3,116	323,192
LAKE	354	367	508	1,229	80	344	8	432	6,584	44	5	6,633	8,294
LASSEN	57	1,206	48	1,311	13	494	25	532	552	0	0	552	2,395
LOS ANGELES	8,582	42,019	2,513	53,114	1,860	13,664	172	15,696	380,843	31,211	454	412,508	481,318
MADERA	4,801	5,830	30,169	40,800	3,233	15,554	12,138	30,925	4,402	844	1	5,247	76,972
MARIN	230	888	5	1,123	349	0	33	382	33,117	1,748	103	34,968	36,473
MARIPOSA	0	8	9	17	0	4	0	4	2	0	0	2	23
MENDOCINO	568	283	332	1,183	4,186	689	5	4,880	32,395	140	259	32,794	38,857
MERCED	8,381	74,659	40,847	123,887	2,278	35,013	1,180	38,471	2,260	1,191	15	3,466	165,824
MODOC	22	6,896	3,404	10,322	24	6,533	40	6,597	203	0	0	203	17,122
MONO	0	603	10	613	1	387	125	513	91	0	0	91	1,217
MONTEREY	3,111	39,744	78,207	121,062	1,789	58,451	952	61,192	4,647	38,588	980	44,215	226,469
NAPA	561	1,019	481	2,061	134	6,194	157	6,485	1,091	850	1	1,942	10,488
NEVADA	365	45	113	523	7	56	1	64	21,723	5,984	19	27,726	28,313
ORANGE	9,659	747	3,466	13,872	1,422	715	230	2,367	80,936	23,450	1,572	105,958	122,197
PLACER	984	1,490	2,170	4,644	73	1,060	3	1,136	16,808	41	70	16,919	22,699
PLUMAS	19	21	100	140	1	0	0	1	33	0	0	33	174
RIVERSIDE	18,320	8,208	37,594	64,122	12,492	398	1,387	14,277	101,640	25,598	468	127,706	206,105
SACRAMENTO	2,988	46,503	9,138	58,629	916	26,452	90	27,458	103,436	3,651	361	107,448	193,535
SAN BENITO	105	9,660	3,593	13,358	394	1,660	109	2,163	608	210	0	818	16,339
SAN BERNARDINO	3,017	302	544	3,863	593	935	26	1,554	67,809	106,111	1,037	174,957	180,374
SAN DIEGO	16,242	48,456	13,651	78,349	4,102	1,641	187	5,930	82,524	12,627	412,730	507,881	592,160
SAN FRANCISCO	3	261	396	660	11	46	0	57	24,737	11	282	25,030	25,747
SAN JOAQUIN	38,056	133,140	422,845	594,041	8,298	73,399	1,758	83,455	34,552	40,012	698	75,262	752,758
SAN LUIS OBISPO	2,052	950	6,779	9,781	78,522	52,697	173	131,392	8,183	0	12	8,195	149,368
SAN MATEO	2,158	140	25	2,323	108	0	1	109	44,050	560	23	44,633	47,065
SANTA BARBARA	5,661	8,099	33,066	46,826	2,142	40,112	491	42,745	27,806	2,531	32	30,369	119,940
SANTA CLARA	4,036	40,561	910	45,507	643	2,946	20	3,609	104,195	1,270	83	105,548	154,664
SANTA CRUZ	1,361	5,564	885	7,810	1,536	6,806	71	8,413	28,281	293	84	28,658	44,881
SHASTA	1,155	33,130	999	35,284	114	21,512	0	21,626	24,893	7	25	24,925	81,835
SIERRA	0	0	0	0	0	76	0	76	0	0	0	0	76
SISKIYOU	14	8,636	2,433	11,083	4	13,201	114	13,319	238	103	1	342	24,744
SOLANO	1,594	28,319	19,120	49,033	251	8,473	152	8,876	18,280	429	19	18,728	76,637
SONOMA	3,378	951	455	4,784	713	6,161	507	7,381	57,012	1,851	179	59,042	71,207
STANISLAUS	4,704	53,169	66,722	124,595	3,719	57,411	2,766	63,896	20,930	6,363	23	27,316	215,807
SUTTER	687	30,096	51,099	81,882	648	7,461	917	9,026	8,472	264	3	8,739	99,647
TEHAMA	299	6,748	3,341	10,388	149	8,191	171	8,511	10,863	102	114	11,079	29,978
TRINITY	0	3	4	7	0	0	0	0	5,720	2	9	5,731	5,738
TULARE	11,532	34,929	56,744	103,205	6,939	113,338	7,342	127,619	29,026	11,841	1,662	42,529	273,353
TUOLUMNE	0	0	0	0	0	0	0	0	610	0	327	937	937
VENTURA	6,487	11,681	120,475	138,643	1,504	3,336	2,520	7,360	39,354	3,497	31	42,882	188,885
YOLO	424	18,062	72,543	91,029	602	40,183	150	40,935	20,996	307	37	21,340	153,304
YUBA	-28	6,326	10,810	17,108	20	4,013	13	4,046	1,888	0	1	1,889	23,043
** UNKNOWN **	10,225	8,974	15,532	34,731	428	8	594	1,030	85,650	437	115	86,202	121,963
TOTAL	252,868	1,030,554	1,760,309	3,043,731	170,429	1,777,381	119,038	2,066,848	1,955,496	386,050	424,049	2,765,595	7,876,174

STATE OF CALIFORNIA - DEPARTMENT OF FOOD AND AGRICULTURE
TONNAGE REPORT OF COMMERCIAL FERTILIZERS AND AGRICULTURAL MINERALS
July 2010 - June 2011
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	284	206	89	578	177	163	72	412	106	43	16	166
ALPINE	0	0	0	0	0	0	0	0	0	0	0	0
AMADOR	57	35	25	117	23	22	21	65	34	13	4	51
BUTTE	9,669	2,057	4,494	16,220	5,018	1,845	4,461	11,324	4,651	212	33	4,896
CALAVERAS	56	14	17	87	21	14	17	52	34	0	0	35
COLUSA	37,047	6,540	1,494	45,081	5,222	3,734	1,356	10,311	31,826	2,806	138	34,770
CONTRA COSTA	2,987	152	130	3,269	152	83	117	352	2,835	69	13	2,918
DEL NORTE	116	52	32	200	55	52	32	139	61	0	0	61
EL DORADO	43	23	14	80	28	20	14	62	15	3	0	19
FRESNO	47,374	15,543	8,864	71,781	11,359	10,680	8,149	30,188	36,014	4,863	715	41,593
GLENN	13,113	2,144	3,909	19,167	3,174	2,023	3,864	9,061	9,939	121	45	10,105
HUMBOLDT	179	121	99	400	170	115	95	381	9	6	4	19
IMPERIAL	46,698	18,917	2,938	68,553	17,979	12,397	2,283	32,660	28,718	6,520	655	35,893
INYO	158	36	16	209	132	31	16	179	26	5	0	31
KERN	42,799	18,459	10,485	71,743	11,887	14,601	9,661	36,149	30,912	3,858	824	35,594
KINGS	27,772	4,602	1,603	33,976	9,377	1,902	1,402	12,681	18,395	2,700	201	21,296
LAKE	265	43	177	485	143	2	177	321	122	41	0	163
LASSEN	324	74	7	405	309	74	7	389	15	0	0	15
LOS ANGELES	6,481	5,747	4,337	16,565	6,022	5,614	4,303	15,940	459	132	34	625
MADERA	8,873	1,642	1,666	12,181	1,650	937	1,429	4,016	7,223	706	237	8,166
MARIN	17	11	510	539	17	9	510	536	1	2	0	2
MARIPOSA	2	2	1	5	1	1	0	2	1	1	0	2
MENDOCINO	163	120	118	401	97	96	106	299	67	24	12	102
MERCED	19,150	13,904	8,741	41,795	10,117	12,444	8,299	30,860	9,033	1,460	442	10,934
MODOC	2,218	1,503	496	4,217	1,512	874	490	2,876	706	629	6	1,341
MONO	97	161	11	269	94	161	11	266	3	0	0	3
MONTEREY	20,161	10,764	6,208	37,132	5,857	4,750	5,078	15,685	14,304	6,013	1,130	21,447
NAPA	263	250	155	668	190	201	136	526	73	49	19	141
NEVADA	39	25	144	208	18	22	142	183	21	3	2	25
ORANGE	2,022	1,487	1,114	4,623	1,540	1,078	953	3,572	483	408	161	1,052
PLACER	842	314	139	1,295	391	304	139	834	451	10	0	461
PLUMAS	27	3	1	31	7	3	1	11	20	0	0	20
RIVERSIDE	12,582	6,754	2,616	21,952	3,935	4,111	2,209	10,255	8,648	2,643	407	11,697
SACRAMENTO	9,086	5,530	4,096	18,712	6,146	5,445	4,054	15,644	2,939	86	42	3,067
SAN BENITO	1,720	1,493	1,066	4,279	1,173	1,195	934	3,302	548	298	131	976
SAN BERNARDINO	553	520	341	1,414	466	423	323	1,212	87	97	19	203
SAN DIEGO	12,698	8,135	4,716	25,549	10,850	6,003	4,058	20,910	1,848	2,133	659	4,639
SAN FRANCISCO	91	100	28	220	41	36	7	85	50	64	21	135
SAN JOAQUIN	251,451	9,037	21,393	281,881	37,049	4,588	19,874	61,510	214,402	4,449	1,519	220,371
SAN LUIS OBISPO	1,834	414	404	2,653	407	240	328	976	1,427	174	76	1,677
SAN MATEO	269	386	190	845	264	383	189	836	5	3	1	9
SANTA BARBARA	9,090	2,288	2,005	13,383	1,750	1,277	1,645	4,672	7,340	1,011	359	8,711
SANTA CLARA	5,555	6,840	3,001	15,396	5,407	6,768	2,967	15,142	148	72	34	254
SANTA CRUZ	970	1,241	519	2,729	848	1,130	474	2,452	122	111	45	277
SHASTA	5,053	4,901	2,163	12,117	4,553	4,892	2,158	11,603	501	9	5	514
SIERRA	0	0	0	0	0	0	0	0	0	0	0	0
SISKIYOU	2,454	1,327	507	4,287	1,881	1,069	477	3,427	573	258	30	861
SOLANO	11,654	6,245	1,201	19,099	5,534	3,991	1,029	10,555	6,120	2,253	172	8,545
SONOMA	574	518	565	1,658	496	452	556	1,504	78	66	10	154
STANISLAUS	24,742	4,830	10,394	39,965	8,114	3,210	9,940	21,264	16,627	1,620	454	18,701
SUTTER	16,611	3,506	1,805	21,922	5,758	2,723	1,775	10,256	10,853	783	30	11,666
TEHAMA	2,092	364	848	3,304	1,209	355	848	2,412	883	9	0	892
TRINITY	1	1	1	2	0	1	0	1	0	0	0	1
TULARE	24,564	7,789	5,145	37,499	7,224	5,760	4,617	17,601	17,340	2,029	528	19,897
TUOLUMNE	0	0	0	0	0	0	0	0	0	0	0	0
VENTURA	28,904	4,401	2,633	35,938	2,465	2,399	1,847	6,712	26,438	2,002	786	29,226
YOLO	20,983	2,927	718	24,628	4,257	1,407	664	6,329	16,726	1,519	54	18,299
YUBA	3,400	676	621	4,697	1,141	569	624	2,334	2,259	107	-3	2,363
** UNKNOWN **	4,727	3,814	3,537	12,078	1,778	3,603	3,386	8,766	2,949	211	152	3,312
TOTAL	740,954	188,990	128,543	1,058,487	205,485	136,285	118,323	460,093	535,469	52,705	10,220	598,394

FERTILIZING MATERIALS

TONNAGE REPORT

JULY - DECEMBER 2011

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

SACRAMENTO, CALIFORNIA 95814

cdfa CALIFORNIA DEPARTMENT OF FOOD & AGRICULTURE
Karen Ross, Secretary

FOREWORD

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

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

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

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

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

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

Sincerely,

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

STATE OF CALIFORNIA - DEPARTMENT OF FOOD AND AGRICULTURE
TONNAGE REPORT OF COMMERCIAL FERTILIZERS AND AGRICULTURAL MINERALS
JANUARY 2010 - DECEMBER 2011
TOTAL TONS OF MATERIALS REPORTED FOR THE PERIOD INDICATED

CODE	MATERIAL NAME	JAN-JUNE 2010	JAN-JUNE 2011	JULY-DEC 2010	JULY-DEC 2011	JAN-DEC 2010	JAN-DEC 2011
0	N-P-K GRADES	928,442	693,629	2,114,977	1,871,216	3,043,419	2,564,845
0	IDENTIFIED BY GRADE	434,132	451,365	329,813	304,561	763,945	755,926
2	ANHYDROUS AMMONIA	133,572	143,104	92,895	88,281	226,467	231,385
6	AQUA AMMONIA	54,912	242	35,337	41,070	90,249	41,312
10	AMMONIUM NITRATE	619	971	1,052	1,644	1,671	2,615
12	AMMONIUM NITRATE SOLUTION	2,169	345	40,413	56,968	42,582	57,313
20	AMMONIUM POLYSULFIDE	0	0	1,463	981	1,463	981
24	AMMONIUM SULFATE	150,151	72,124	62,914	52,987	213,065	125,111
31	AMMONIUM THIOSULFATE	837	1,263	2,624	17,122	3,461	18,385
35	CALCIUM AMMONIUM NITRATE	30,930	14,216	121,178	110,522	152,108	124,738
43	CALCIUM NITRATE	48,577	36,730	17,630	24,720	66,207	61,450
56	NITROGEN SOLUTION <28%	496,851	520,384	0	0	496,851	520,384
58	NITROGEN SOLUTION 28%	770	1,003	454	631	1,224	1,634
60	NITROGEN SOLUTION 32%	385,610	391,935	184,978	193,885	570,588	585,820
62	SODIUM NITRATE	634	1,161	30,579	224	31,213	1,385
64	SULFUR COATED UREA	29,904	11	120	7,427	30,024	7,438
66	UREA	134,256	100,616	51,279	43,478	185,535	144,094
67	UREA SOLUTION	717	135	3,283	7,590	4,000	7,725
203	DIAMMONIUM PHOSPHATE	5,820	3,232	591	1,413	6,411	4,645
207	AMMONIUM PHOSPHATE SULFAT	37,302	24,935	7,297	6,872	44,599	31,807
209	MONOAMMONIUM PHOSPHATE	79,004	24,022	36,517	32,090	115,521	56,112
248	PHOSPHORIC ACID	50,702	6,431	6,362	3,395	57,064	9,826
249	LIQUID AMMONIUM POLYPHOSPHATE	67,265	40,251	27,407	19,816	94,672	60,067
263	SUPERPHOSPHATE, NORMAL	0	688	2	199	2	887
267	SUPERPHOSPHATE, TRIPLE	1,592	5,136	604	425	2,196	5,561
428	MURIATE OF POTASH 60% (POT. CHLORID	15,919	21,511	17,783	16,604	33,702	38,115
443	POTASSIUM-MAGNESIUM SULFATE	6,265	4,546	5,597	6,259	11,862	10,805
453	POTASSIUM NITRATE	10,532	11,501	5,762	5,525	16,294	17,026
463	POTASSIUM SULFATE	81,434	35,555	47,774	77,056	129,208	112,611
601	BLOOD, DRIED	115	37	47	16	162	53
667	SEWAGE SLUDGE, OTHER	749	2,063	793	2,979	1,542	5,042
723	COPPER COMPOUND	387	475	361	333	748	808
731	IRON COMPOUND	1,533	2,516	7,655	2,352	9,188	4,868
732	GYPSUM (CALCIUM SULFATE)	338,752	378,817	660,204	942,737	998,956	1,321,554
770	SULFUR	35,744	50,033	75,712	74,939	111,456	124,972
774	SULFURIC ACID	30,039	40,149	39,753	45,164	69,792	85,313
797	SEC./MICRONUT. - CODE UNKNOWN	264,864	268,243	94,735	322,723	359,599	590,966
907	LIME PRODUCT - CODE UNKNOWN	174,100	130,636	270,218	300,419	444,318	431,055
	TOTAL	4,035,201	3,480,011	4,396,163	4,684,623	8,431,364	8,164,634

STATE OF CALIFORNIA - DEPARTMENT OF FOOD AND AGRICULTURE
TONNAGE REPORT OF COMMERCIAL FERTILIZERS AND AGRICULTURAL MINERALS
JANUARY 2010 - DECEMBER 2011
TOTAL TONS OF NUTRIENTS REPORTED FOR THE PERIOD INDICATED

CODE	MATERIAL NAME	JAN-JUNE 10 N	JAN-JUNE 10 P2O5	JAN-JUNE 10 K2O	JAN-JUNE 11 N	JAN-JUNE 11 P2O5	JAN-JUNE 11 K2O
0	IDENTIFIED BY GRADE	52,096	78,144	26,048	54,164	81,246	27,082
2	ANHYDROUS AMMONIA	109,529	0	0	117,345	0	0
6	AQUA AMMONIA	10,982	0	0	48	0	0
10	AMMONIUM NITRATE	210	0	0	330	0	0
12	AMMONIUM NITRATE SOLUTION	434	0	0	69	0	0
20	AMMONIUM POLYSULFIDE	0	0	0	0	0	0
24	AMMONIUM SULFATE	31,532	0	0	15,146	0	0
31	AMMONIUM THIOSULFATE	100	0	0	152	0	0
35	CALCIUM AMMONIUM NITRATE	5,258	0	0	2,417	0	0
43	CALCIUM NITRATE	7,287	0	0	5,510	0	0
56	NITROGEN SOLUTION <28%	92,722	0	0	95,664	0	0
58	NITROGEN SOLUTION 28%	216	0	0	281	0	0
60	NITROGEN SOLUTION 32%	123,395	0	0	125,419	0	0
62	SODIUM NITRATE	101	0	0	186	0	0
64	SULFUR COATED UREA	10,765	0	0	4	0	0
66	UREA	61,758	0	0	46,283	0	0
67	UREA SOLUTION	143	0	0	27	0	0
203	DIAMMONIUM PHOSPHATE	1,048	2,677	0	582	1,487	0
207	AMMONIUM PHOSPHATE SULFATE	5,968	7,460	0	3,990	4,987	0
209	MONOAMMONIUM PHOSPHATE	8,690	41,082	0	2,642	12,491	0
248	PHOSPHORIC ACID	0	27,379	0	0	3,473	0
249	LIQUID AMMONIUM POLYPHOSPHATE	6,727	22,870	0	4,025	13,685	0
263	SUPERPHOSPHATE, NORMAL	0	0	0	0	151	0
267	SUPERPHOSPHATE, TRIPLE	0	804	0	0	2,741	0
428	MURIATE OF POTASH 60% (POT. CHLORID	0	0	9,551	0	0	12,907
443	POTASSIUM-MAGNESIUM SULFATE	0	0	1,378	0	0	1,000
453	POTASSIUM NITRATE	1,474	0	4,634	1,610	0	5,060
463	POTASSIUM SULFATE	0	0	40,717	0	0	17,778
601	BLOOD, DRIED	14	0	0	4	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
	TOTAL	530,450	180,417	82,329	475,898	120,262	63,827

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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 SOLUTION	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 NITRATE	20,600	0	0	18,789	0	0
43	CALCIUM NITRATE	2,645	0	0	3,708	0	0
56	NITROGEN SOLUTION <28%	0	0	0	0	0	0
58	NITROGEN SOLUTION 28%	127	0	0	177	0	0
60	NITROGEN SOLUTION 32%	59,193	0	0	62,043	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 SULFATE	1,168	1,459	0	1,100	1,374	0
209	MONOAMMONIUM PHOSPHATE	4,017	18,989	0	3,530	16,687	0
248	PHOSPHORIC ACID	0	3,435	0	0	1,833	0
249	LIQUID AMMONIUM POLYPHOSPHATE	2,741	9,318	0	1,982	6,737	0
263	SUPERPHOSPHATE, NORMAL	0	0	0	0	44	0
267	SUPERPHOSPHATE, TRIPLE	0	278	0	0	196	0
428	MURIATE OF POTASH 60% (POT. CHLORID	0	0	10,670	0	0	9,962
443	POTASSIUM-MAGNESIUM SULFATE	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 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
	TOTAL	265,056	68,728	64,716	258,637	59,864	76,693

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TOTAL TONS OF NUTRIENTS REPORTED FOR THE PERIOD INDICATED

CODE	MATERIAL NAME	JAN-DEC 10 N	JAN-DEC 10 P2O5	JAN-DEC 10 K2O	JAN-DEC 11 N	JAN-DEC 11 P2O5	JAN-DEC 11 K2O
0	IDENTIFIED BY GRADE	91,014	113,104	52,433	90,102	113,529	51,447
2	ANHYDROUS AMMONIA	185,703	0	0	189,736	0	0
6	AQUA AMMONIA	18,050	0	0	8,262	0	0
10	AMMONIUM NITRATE	568	0	0	889	0	0
12	AMMONIUM NITRATE SOLUTION	8,516	0	0	11,463	0	0
20	AMMONIUM POLYSULFIDE	293	0	0	196	0	0
24	AMMONIUM SULFATE	44,744	0	0	26,273	0	0
31	AMMONIUM THIOSULFATE	415	0	0	2,206	0	0
35	CALCIUM AMMONIUM NITRATE	25,858	0	0	21,205	0	0
43	CALCIUM NITRATE	9,931	0	0	9,217	0	0
56	NITROGEN SOLUTION <28%	92,722	0	0	95,664	0	0
58	NITROGEN SOLUTION 28%	343	0	0	458	0	0
60	NITROGEN SOLUTION 32%	182,588	0	0	187,462	0	0
62	SODIUM NITRATE	4,994	0	0	222	0	0
64	SULFUR COATED UREA	10,809	0	0	2,678	0	0
66	UREA	85,346	0	0	66,283	0	0
67	UREA SOLUTION	800	0	0	1,545	0	0
203	DIAMMONIUM PHOSPHATE	1,154	2,949	0	836	2,137	0
207	AMMONIUM PHOSPHATE SULFATE	7,136	8,920	0	5,089	6,361	0
209	MONOAMMONIUM PHOSPHATE	12,707	60,071	0	6,172	29,178	0
248	PHOSPHORIC ACID	0	30,815	0	0	5,306	0
249	LIQUID AMMONIUM POLYPHOSPHATE	9,467	32,188	0	6,007	20,423	0
263	SUPERPHOSPHATE, NORMAL	0	0	0	0	195	0
267	SUPERPHOSPHATE, TRIPLE	0	1,082	0	0	2,937	0
428	MURIATE OF POTASH 60% (POT. CHLORID	0	0	20,221	0	0	22,869
443	POTASSIUM-MAGNESIUM SULFATE	0	0	2,610	0	0	2,377
453	POTASSIUM NITRATE	2,281	0	7,169	2,384	0	7,491
463	POTASSIUM SULFATE	0	0	64,604	0	0	56,306
601	BLOOD, DRIED	19	0	0	6	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 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
	TOTAL	795,506	249,145	147,045	734,535	180,126	140,520

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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	0	0	27	0	0	0	0	0	1	0	0	40	0	237
AMADOR	0	0	0	0	0	30	0	0	2	0	0	0	0	0	13	0	7
BUTTE	0	392	0	0	0	2,700	77	0	217	39	0	986	0	0	335	0	465
CALAVERAS	125	0	0	0	0	32	0	0	7	11	0	1,005	0	0	161	0	17
COLUSA	599	10,821	4	0	0	8,449	58	0	2,346	5	0	3,100	0	0	279	0	483
CONTRA COSTA	1,249	0	0	53	0	44	4	0	332	0	0	578	0	0	116	0	179
DEL NORTE	0	0	0	0	0	26	0	0	0	18	0	0	0	0	0	0	49
EL DORADO	0	0	0	0	0	21	0	0	0	3	0	0	0	0	7	0	44
FRESNO	1,069	1,356	0	26,844	0	2,856	5,552	0	13,346	2,278	5	26,893	8	0	2,282	757	11,403
GLENN	0	2,526	0	0	0	3,109	29	0	629	20	0	1,497	0	0	172	0	559
HUMBOLDT	0	0	0	0	0	2	0	0	0	118	0	0	0	0	14	0	52
IMPERIAL	1,964	23	307	6,410	338	101	14	0	2,856	60	121	15,537	7	0	12,883	3,682	4,890
INYO	0	0	0	0	0	50	0	2	36	1	0	14	0	1	15	6	9
KERN	2,664	227	0	825	48	710	1,658	0	2,182	1,199	2	16,537	0	7,415	1,162	73	8,347
KINGS	5,622	22	0	0	28	90	652	3	160	644	11	12,828	0	0	1,020	86	3,304
LAKE	0	0	0	0	0	19	0	0	91	4	0	260	0	0	108	0	4
LASSEN	0	0	0	0	0	87	0	0	0	0	0	38	0	0	0	0	30
LOS ANGELES	0	27	1	78	0	191	73	0	9	95	0	99	0	0	209	0	1,135
MADERA	15	79	0	40	0	167	964	0	124	3,353	2	4,079	0	0	396	743	2,592
MARIN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	7
MARIPOSA	0	0	0	0	0	1	0	0	0	0	0	2	0	0	0	0	3
MENDOCINO	0	27	0	4	0	3	0	1	9	9	0	36	0	0	6	0	80
MERCED	313	200	0	21	0	1,226	2,244	0	2,254	58	2	4,628	0	0	943	9	12,136
MODOC	18	0	0	0	0	274	257	0	210	0	0	409	0	0	299	51	26
MONO	0	0	0	0	0	36	0	0	0	0	0	27	0	0	3	0	0
MONTEREY	0	0	1	10,637	0	1,698	1,127	0	7,476	607	3	5,337	0	0	641	275	11,846
NAPA	3	0	0	0	0	32	0	2	20	82	0	172	0	0	6	0	318
NEVADA	0	119	0	0	0	5	0	0	0	1	0	0	0	0	0	0	11
ORANGE	0	0	689	27	0	119	13	0	411	114	0	25	0	3	146	36	1,080
PLACER	0	307	42	0	0	216	60	0	0	22	0	1	0	0	144	0	164
PLUMAS	0	0	0	0	0	18	0	0	0	0	0	0	0	0	0	0	1
RIVERSIDE	604	48	286	1,847	0	663	186	1	3,204	1,268	0	3,169	0	0	1,010	15	2,659
SACRAMENTO	333	1,051	0	0	0	642	0	0	311	288	203	594	0	0	196	0	672
SAN BENITO	0	0	0	0	0	11	0	0	814	30	0	141	0	0	29	0	1,760
SAN BERNARDINO	0	0	0	0	0	93	0	1	65	50	0	58	0	0	304	8	302
SAN DIEGO	0	0	67	487	0	290	29	5	550	6,829	46	274	0	0	3,579	29	6,906
SAN FRANCISCO	0	0	0	0	0	54	0	0	3	0	0	89	0	0	0	0	0
SAN JOAQUIN	67,859	7,639	200	364	0	10,523	917	0	30,437	4,985	3	36,665	184	0	10,348	4	7,679
SAN LUIS OBISPO	2	177	0	689	0	436	354	0	242	954	1	472	0	7	320	233	1,181
SAN MATEO	0	0	0	0	0	20	0	0	1	0	0	0	0	0	19	2	128
SANTA BARBARA	18	0	0	5,897	0	237	896	0	573	539	31	5,235	0	0	141	1,294	3,693
SANTA CLARA	0	0	0	0	0	148	0	0	4	175	0	87	0	0	117	0	1,737
SANTA CRUZ	0	1	0	0	0	7	11	0	3	28	0	0	0	0	26	3	3,155
SHASTA	483	41	0	0	0	1,461	0	0	29	0	0	117	0	0	1,312	0	7,261
SIERRA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SISKIYOU	18	0	0	0	0	548	277	0	148	30	0	498	0	0	444	51	134
SOLANO	2,039	1,002	0	0	0	2,079	84	0	239	4	0	1,041	0	0	669	0	183
SONOMA	7	0	0	0	0	35	6	0	119	111	0	15	13	0	13	0	356
STANISLAUS	1,269	78	0	296	485	2,032	257	0	5,073	87	0	10,409	0	0	528	0	4,281
SUTTER	208	3,934	0	0	0	5,171	31	0	1,046	151	158	1,230	0	0	374	0	123
TEHAMA	0	139	0	0	0	198	26	0	126	4	0	334	0	0	138	0	227
TRINITY	0	0	0	0	82	0	0	0	0	0	0	2	0	0	0	0	2
TULARE	1,485	24	20	0	0	934	869	1	2,149	228	36	12,977	4	0	1,128	13	9,242
TUOLUMNE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VENTURA	0	81	27	2,449	0	266	64	0	30,921	143	0	24,022	0	1	484	220	5,412
YOLO	315	9,578	0	0	0	3,510	333	0	1,717	20	0	2,128	0	0	833	0	537
YUBA	0	1,146	0	0	0	1,275	0	0	31	43	7	239	0	0	36	0	309
** UNKNOWN **	0	0	0	0	0	15	0	0	0	12	0	0	8	0	28	0	804
TOTAL	88,281	41,070	1,644	56,968	981	52,987	17,122	16	110,522	24,720	631	193,885	224	7,427	43,478	7,590	118,218

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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	41	201	0	5	0	1	213	3	0	0	1	161
AMADOR	0	3	0	0	0	0	0	6	0	0	0	7	4
BUTTE	0	-3	163	0	64	0	0	418	1,237	63	10	4,852	316
CALAVERAS	0	0	114	0	15	0	0	15	0	0	0	1	11
COLUSA	0	200	416	0	1,354	0	0	434	37	237	1	1,962	328
CONTRA COSTA	0	14	1	0	415	0	0	160	127	8	4	2	121
DEL NORTE	0	0	0	0	0	0	0	44	0	0	3	0	33
EL DORADO	0	3	0	0	0	0	2	40	0	0	0	2	30
FRESNO	678	994	3,527	252	3,760	0	0	10,243	766	1,587	258	6,811	7,731
GLENN	3	190	336	0	10	0	0	502	1,103	0	3	5,294	379
HUMBOLDT	0	9	0	0	0	0	0	46	0	0	28	0	35
IMPERIAL	0	6	13,983	1,171	1,466	0	0	4,392	202	218	9	936	3,315
INYO	0	0	0	0	0	0	0	8	0	10	3	1	6
KERN	0	26	1,388	58	3,172	0	3	7,498	1,188	655	149	5,549	5,659
KINGS	107	105	1,362	341	1,601	0	2	2,968	320	9	177	622	2,240
LAKE	0	8	0	0	48	0	46	4	0	0	0	36	3
LASSEN	0	0	144	0	0	0	0	27	0	0	0	0	21
LOS ANGELES	0	0	26	23	9	0	4	1,020	1	0	4	659	770
MADERA	292	16	176	146	304	0	0	2,328	68	0	67	6,281	1,757
MARIN	0	0	0	0	0	0	0	6	0	0	0	146	5
MARIPOSA	0	0	0	0	0	0	0	2	0	0	0	0	2
MENDOCINO	0	3	18	0	0	0	0	71	0	0	0	32	54
MERCED	0	21	1,713	62	347	0	0	10,902	1,565	252	130	4,948	8,228
MODOC	0	299	477	0	680	0	0	23	17	0	0	277	17
MONO	0	0	239	0	0	0	0	0	15	0	0	0	0
MONTEREY	0	19	820	104	496	0	12	10,641	197	7	70	2,335	8,031
NAPA	0	13	31	0	36	0	7	286	0	8	1	181	216
NEVADA	0	9	14	0	0	0	0	10	17	0	0	44	8
ORANGE	0	72	94	4	239	0	56	970	416	0	16	8	732
PLACER	2	125	17	0	0	0	0	147	2	43	1	73	111
PLUMAS	0	0	0	0	0	0	0	1	0	0	0	0	1
RIVERSIDE	0	30	831	338	868	0	8	2,389	299	172	120	254	1,803
SACRAMENTO	0	464	347	0	0	199	17	603	163	35	0	125	455
SAN BENITO	0	0	0	0	0	0	0	1,581	0	0	4	19	1,193
SAN BERNARDINO	0	15	235	0	7	0	8	271	0	0	12	132	205
SAN DIEGO	10	72	132	226	2	0	7	6,204	32	320	172	585	4,682
SAN FRANCISCO	0	0	0	0	0	0	0	0	0	0	0	0	0
SAN JOAQUIN	0	35	187	0	1,564	0	0	6,898	2,768	385	3,427	20,088	5,206
SAN LUIS OBISPO	0	5	25	3	107	0	1	1,061	4	80	39	81	801
SAN MATEO	23	0	26	0	0	0	119	115	0	0	0	5	87
SANTA BARBARA	0	0	307	3	148	0	4	3,317	77	10	132	407	2,504
SANTA CLARA	0	52	0	0	2	0	13	1,560	2	0	2	95	1,177
SANTA CRUZ	0	0	0	1	1	0	28	2,834	0	0	46	34	2,139
SHASTA	0	193	406	0	0	0	0	6,523	2	680	1	8	4,923
SIERRA	0	0	0	0	0	0	0	0	0	0	0	0	0
SISKIYOU	0	779	165	0	90	0	0	120	158	0	0	134	91
SOLANO	182	817	725	0	437	0	26	165	890	37	12	10	124
SONOMA	0	35	81	0	18	0	39	320	24	1	2	249	241
STANISLAUS	0	33	228	0	788	0	0	3,846	3,147	1,043	75	9,437	2,902
SUTTER	61	790	210	0	119	0	0	110	167	18	52	810	83
TEHAMA	0	146	13	0	5	0	0	204	215	0	16	668	154
TRINITY	0	0	0	0	0	0	0	1	0	0	0	0	1
TULARE	49	31	1,958	509	361	0	2	8,302	890	272	277	1,628	6,266
TUOLUMNE	0	0	0	0	0	0	0	0	0	0	0	0	0
VENTURA	0	566	337	154	974	0	17	4,862	69	80	184	738	3,669
YOLO	0	459	633	0	288	0	3	482	365	29	1	238	364
YUBA	6	177	-18	0	16	0	0	278	51	0	17	248	209
** UNKNOWN **	0	0	2	0	0	0	0	722	0	0	0	3	545
TOTAL	1,413	6,872	32,090	3,395	19,816	199	425	106,196	16,604	6,259	5,525	77,056	80,148

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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	13	56	15	0	0	0	381	0
AMADOR	0	0	113	6	0	9	0	3	0
BUTTE	5	6	2,599	3,180	0	301	24	246	7
CALAVERAS	1	0	405	7	0	1,127	0	0	0
COLUSA	1	0	6,248	8,962	0	181	24	562	17
CONTRA COSTA	0	1	2,755	19	0	101	0	125	0
DEL NORTE	0	0	0	2	0	0	0	8	0
EL DORADO	0	2	0	12	0	34	0	1	0
FRESNO	63	296	433,566	26,113	0	21,870	2,791	80,145	176
GLENN	0	0	3,490	7,337	0	710	0	8,962	0
HUMBOLDT	0	0	10	0	0	0	0	49	0
IMPERIAL	1	35	1,285	18,475	0	1,070	341	1,743	43
INYO	0	1	6	1	0	229	0	139	0
KERN	88	61	159,814	8,135	0	5,404	9,167	29,412	577
KINGS	0	0	86,409	8,424	0	5,184	24,706	3,313	0
LAKE	0	0	105	0	0	10	0	0	21
LASSEN	0	0	1,118	21	0	99	0	0	0
LOS ANGELES	0	41	304	0	49	49	170	325	104
MADERA	20	3	11,149	2,053	0	1,746	1,787	14,383	2
MARIN	0	0	0	0	0	100	0	2	0
MARIPOSA	0	0	0	0	0	0	0	0	2
MENDOCINO	0	0	209	74	0	748	0	25	2
MERCED	0	5	19,445	6,396	0	6,186	1,962	11,407	20
MODOC	0	0	1,702	173	0	350	45	996	0
MONO	0	1	0	0	0	10	72	3	0
MONTEREY	11	9	6,373	39,127	326	1,137	776	1,168	163
NAPA	0	1	3,461	1,538	0	18	0	769	7,620
NEVADA	0	0	0	78	0	0	0	0	4
ORANGE	0	53	513	71	0	44	0	4,322	58
PLACER	0	21	174	64	0	2	0	40	15
PLUMAS	0	0	0	0	0	0	0	0	0
RIVERSIDE	25	148	886	127	0	11	31	4,088	76
SACRAMENTO	0	13	894	912	1,302	567	0	4,573	105
SAN BENITO	0	1	4,274	7	0	48	0	32	720
SAN BERNARDINO	0	14	32	6	0	11	0	269	142
SAN DIEGO	7	105	1,502	39	0	5	0	286	96
SAN FRANCISCO	0	0	47	60	0	0	0	3	0
SAN JOAQUIN	0	116	29,249	18,436	0	5,548	410	32,154	41
SAN LUIS OBISPO	1	22	900	83,327	0	6	0	3,886	163
SAN MATEO	1	17	1	0	0	0	0	11	44
SANTA BARBARA	1	11	39,735	17,084	0	107	89	1,906	196,018
SANTA CLARA	0	64	885	871	0	7	0	310	49,921
SANTA CRUZ	4	0	4,157	2,032	0	768	5	45	86
SHASTA	0	0	1,893	9,553	0	140	0	14	7
SIERRA	0	0	0	0	0	0	0	1	0
SISKIYOU	0	0	2,772	98	0	516	45	1,177	6
SOLANO	4	2	2,671	1,594	377	621	0	77	2
SONOMA	0	2	3,027	1,546	0	2	0	1,674	1
STANISLAUS	8	1,151	35,844	19,611	0	3,959	161	12,684	15
SUTTER	13	0	2,025	1,474	0	421	0	67,541	18
TEHAMA	1	2	1,742	2,345	0	71	0	101	0
TRINITY	0	0	0	0	0	0	0	0	0
TULARE	74	30	62,342	6,081	925	14,506	2,414	11,018	476
TUOLUMNE	0	0	0	0	0	0	0	0	0
VENTURA	1	105	1,735	158	0	518	144	1,352	65,329
YOLO	3	0	4,712	4,672	0	361	0	20,562	10
YUBA	0	0	103	103	0	27	0	161	0
** UNKNOWN **	0	0	0	0	0	0	0	269	170
TOTAL	333	2,352	942,737	300,419	2,979	74,939	45,164	322,723	322,277

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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
	0	0	0	0	0	0	0	0	46	0	4	50	50
ALAMEDA	557	250	128	935	57	385	23	465	220,662	198	55	220,915	222,315
AMADOR	1	36	35	72	4	117	10	131	132	0	26	158	361
BUTTE	422	9,705	2,204	12,331	122	6,136	110	6,368	20,930	6,289	7	27,226	45,925
CALAVERAS	1	322	1,191	1,514	406	44	1,090	1,540	29	0	2	31	3,085
COLUSA	51	12,671	18,391	31,113	992	14,823	180	15,995	29	1,674	0	1,703	48,811
CONTRA COSTA	105	635	2,667	3,407	10	2,869	122	3,001	23,749	227	106	24,082	30,490
DEL NORTE	147	26	0	173	10	0	0	10	147	0	393	540	723
EL DORADO	106	38	8	152	15	0	34	49	15,500	2,779	12	18,291	18,492
FRESNO	14,870	27,530	88,855	131,255	4,934	498,032	62,054	565,020	27,579	6,001	19	33,599	729,874
GLENN	373	11,013	4,975	16,361	208	11,692	8,599	20,499	21	1,417	0	1,438	38,298
HUMBOLDT	266	38	0	304	59	0	0	59	29,586	0	43	29,629	29,992
IMPERIAL	773	34,929	39,189	74,891	556	20,037	2,400	22,993	1,065	6,419	2	7,486	105,370
INYO	97	50	14	161	20	229	127	376	3	0	0	3	540
KERN	15,163	21,224	32,008	68,395	3,774	195,785	13,099	212,658	5,107	3,118	3	8,228	289,281
KINGS	3,938	4,928	25,458	34,324	1,111	99,052	27,873	128,036	412	1,228	1	1,641	164,001
LAKE	98	130	403	631	37	99	0	136	6,277	0	1	6,278	7,045
LASSEN	0	293	54	347	0	1,238	0	1,238	6	0	0	6	1,591
LOS ANGELES	3,083	874	476	4,433	591	378	73	1,042	54,860	15,264	184	70,308	75,783
MADERA	3,139	8,606	12,244	23,989	344	15,555	15,244	31,143	5,656	871	2	6,529	61,661
MARIN	20	146	0	166	102	0	0	102	20,552	0	72	20,624	20,892
MARIPOSA	7	1	2	10	2	0	0	2	3,137	0	0	3,137	3,149
MENDOCINO	253	24	76	353	802	248	8	1,058	14,341	0	190	14,531	15,942
MERCED	5,193	35,311	11,697	52,201	711	42,641	2,069	45,421	512	1,592	618	2,722	100,344
MODOC	0	1,645	1,689	3,334	0	3,213	53	3,266	82	0	0	82	6,682
MONO	0	293	27	320	4	10	72	86	22	0	7	29	435
MONTEREY	1,947	29,185	31,249	62,381	1,345	46,798	947	49,090	1,191	4,503	2	5,696	117,167
NAPA	134	941	338	1,413	15	13,369	23	13,407	186	129	1,462	1,777	16,597
NEVADA	26	93	119	238	4	78	0	82	21,804	1,697	9	23,510	23,830
ORANGE	3,699	633	938	5,270	618	229	4,214	5,061	62,209	11,720	742	74,671	85,002
PLACER	353	816	308	1,477	88	225	3	316	16,890	17	18	16,925	18,718
PLUMAS	2	18	0	20	0	0	0	0	0	0	1	1	21
RIVERSIDE	7,377	3,137	11,558	22,072	4,281	790	321	5,392	46,504	52,131	139	98,774	126,238
SACRAMENTO	1,522	2,400	2,776	6,698	389	7,961	16	8,366	86,230	1,865	5,924	94,019	109,083
SAN BENITO	34	3,702	1,846	5,582	142	4,933	7	5,082	8	3	1	12	10,676
SAN BERNARDINO	1,049	595	122	1,766	446	28	0	474	23,157	46,979	113	70,249	72,489
SAN DIEGO	6,843	23,048	1,645	31,536	1,515	499	26	2,040	35,200	5,691	34	40,925	74,501
SAN FRANCISCO	0	54	93	147	0	107	3	110	42,611	47	59	42,717	42,974
SAN JOAQUIN	8,969	56,581	152,814	218,364	5,303	53,923	26,728	85,954	29,723	21,257	2,977	53,957	358,275
SAN LUIS OBISPO	1,558	2,287	3,430	7,275	203	87,922	180	88,305	6,666	61	6	6,733	102,313
SAN MATEO	503	40	2	545	74	0	0	74	57,514	430	2	57,946	58,565
SANTA BARBARA	4,856	5,117	15,490	25,463	825	57,920	196,206	254,951	14,772	1,059	23	15,854	296,268
SANTA CLARA	1,647	3,100	424	5,171	527	1,745	49,786	52,058	106,068	33	43	106,144	163,373
SANTA CRUZ	600	7,486	230	8,316	202	6,879	16	7,097	25,454	326	33	25,813	41,226
SHASTA	74	22,696	670	23,440	7	11,600	0	11,607	17,135	0	15	17,150	52,197
SIERRA	0	0	0	0	1	0	0	1	0	0	0	0	1
SISKIYOU	6	2,284	1,395	3,685	6	4,554	54	4,614	0	49	3	52	8,351
SOLANO	414	5,562	4,789	10,765	285	5,053	10	5,348	8,590	584	4	9,178	25,291
SONOMA	600	860	225	1,685	288	5,921	43	6,252	48,510	152	249	48,911	56,848
STANISLAUS	2,118	26,077	18,099	46,294	1,532	63,896	8,005	73,433	35,401	6,465	25	41,891	161,618
SUTTER	153	7,448	7,245	14,846	144	3,909	67,439	71,492	6,612	111	2	6,725	93,063
TEHAMA	221	1,704	688	2,613	26	4,235	1	4,262	2,678	0	2	2,680	9,555
TRINITY	0	4	84	88	0	0	0	0	3,916	2	1	3,919	4,007
TULARE	2,448	10,465	36,742	49,655	3,639	85,473	8,754	97,866	17,064	14,770	19	31,853	179,374
TUOLUMNE	0	0	0	0	0	0	0	0	639	0	1	640	640
VENTURA	3,115	7,728	64,898	75,741	1,276	1,832	66,234	69,342	14,459	354	303	15,116	160,199
YOLO	57	7,071	14,705	21,833	153	30,164	3	30,320	31,083	82	1	31,166	83,319
YUBA	35	2,546	1,489	4,070	6	384	4	394	1,923	32	1	1,956	6,420
** UNKNOWN **	278	1,093	769	2,140	29	240	170	439	102,517	191	5	102,713	105,292
TOTAL	99,301	405,489	616,971	1,121,761	38,240	1,413,250	562,433	2,013,923	1317156	217,817	13,966	1548939	4,684,623

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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	127	180	51	357	111	165	42	318	16	14	9	39
AMADOR	15	2	5	22	8	2	5	15	7	0	0	8
BUTTE	1,334	233	3,282	4,849	802	201	3,274	4,277	532	32	8	572
CALAVERAS	527	69	4	600	95	61	2	158	432	8	2	442
COLUSA	6,318	849	1,155	8,322	2,125	358	1,132	3,615	4,193	491	23	4,707
CONTRA COSTA	1,438	193	118	1,749	118	45	112	275	1,320	149	6	1,474
DEL NORTE	23	13	11	48	23	13	11	48	0	0	0	0
EL DORADO	22	14	10	46	21	13	9	43	1	1	1	2
FRESNO	24,750	6,873	6,678	38,301	5,139	4,543	5,693	15,376	19,611	2,330	985	22,925
GLENN	2,069	370	3,425	5,864	937	339	3,405	4,681	1,132	31	21	1,183
HUMBOLDT	46	16	23	84	46	16	23	84	0	0	0	0
IMPERIAL	18,429	9,738	1,649	29,817	8,682	7,053	1,009	16,744	9,747	2,686	640	13,072
INYO	33	2	6	41	28	2	6	37	4	0	0	4
KERN	14,847	4,118	5,417	24,382	5,679	2,645	5,116	13,440	9,168	1,473	301	10,942
KINGS	10,811	2,410	1,264	14,485	1,291	1,269	990	3,549	9,520	1,141	274	10,936
LAKE	160	40	19	219	56	23	18	98	104	17	0	121
LASSEN	55	83	6	145	41	81	5	128	14	2	1	17
LOS ANGELES	566	342	566	1,474	484	310	553	1,347	82	32	13	128
MADERA	3,250	1,119	3,745	8,114	808	675	3,548	5,030	2,442	444	197	3,084
MARIN	3	2	74	79	3	2	74	79	0	0	0	0
MARIPOSA	2	1	1	3	1	1	1	2	1	0	0	1
MENDOCINO	51	32	32	115	32	32	32	96	19	0	0	19
MERCED	7,071	4,361	6,027	17,458	4,414	3,918	5,918	14,251	2,656	442	109	3,207
MODOC	594	546	154	1,294	296	308	149	753	298	238	5	541
MONO	44	124	9	177	35	124	9	169	9	0	0	9
MONTEREY	9,814	3,902	3,763	17,478	3,877	2,998	3,251	10,126	5,936	904	512	7,352
NAPA	189	121	158	468	112	97	150	359	77	24	9	109
NEVADA	31	12	35	78	8	12	35	54	24	0	0	24
ORANGE	813	467	483	1,763	676	363	468	1,507	137	104	15	256
PLACER	270	79	81	431	209	79	81	369	62	0	0	62
PLUMAS	4	0	0	4	4	0	0	4	0	0	0	0
RIVERSIDE	4,358	1,646	945	6,949	1,667	1,035	813	3,515	2,691	610	132	3,433
SACRAMENTO	1,446	534	319	2,300	653	480	312	1,445	793	54	8	854
SAN BENITO	739	481	374	1,594	450	389	305	1,144	290	91	69	450
SAN BERNARDINO	321	214	134	668	292	208	131	630	29	6	3	37
SAN DIEGO	5,207	2,100	1,881	9,188	4,909	1,973	1,878	8,760	299	127	3	428
SAN FRANCISCO	40	0	0	41	11	0	0	11	29	0	0	29
SAN JOAQUIN	85,075	2,733	14,880	102,688	9,823	1,401	14,197	25,422	75,252	1,332	683	77,267
SAN LUIS OBISPO	1,220	375	321	1,916	621	247	252	1,119	599	128	69	796
SAN MATEO	59	114	29	202	59	114	29	202	0	0	0	0
SANTA BARBARA	4,727	1,222	1,071	7,020	1,203	1,024	960	3,188	3,524	197	111	3,832
SANTA CLARA	676	491	408	1,575	604	472	394	1,470	73	19	14	106
SANTA CRUZ	986	875	687	2,548	958	852	671	2,481	28	23	17	67
SHASTA	3,640	2,233	1,652	7,525	3,193	2,233	1,652	7,078	447	0	0	447
SIERRA	0	0	0	0	0	0	0	0	0	0	0	0
SISKIYOU	759	309	189	1,257	473	246	165	885	286	62	24	373
SOLANO	3,368	842	594	4,804	1,080	687	589	2,357	2,288	155	5	2,447
SONOMA	188	170	213	572	148	158	209	514	40	12	5	58
STANISLAUS	7,540	1,562	7,751	16,854	2,456	1,172	7,627	11,254	5,084	390	125	5,600
SUTTER	3,074	369	557	4,001	1,389	319	550	2,259	1,685	50	7	1,742
TEHAMA	361	100	517	978	195	92	513	799	167	7	4	179
TRINITY	18	0	0	18	0	0	0	1	17	0	0	17
TULARE	9,783	3,988	3,444	17,215	1,843	1,533	1,907	5,284	7,940	2,454	1,536	11,931
TUOLUMNE	0	0	0	0	0	0	0	0	0	0	0	0
VENTURA	15,707	2,189	1,624	19,520	1,391	1,177	1,132	3,700	14,316	1,012	492	15,820
YOLO	4,645	667	455	5,768	1,390	532	428	2,350	3,255	135	28	3,418
YUBA	729	119	226	1,073	407	110	224	741	322	8	2	333
** UNKNOWN **	264	221	167	652	173	139	105	418	91	81	62	234
TOTAL	258,637	59,864	76,693	395,194	71,550	42,346	70,164	184,060	187,086	17,519	6,530	211,135

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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	0	0	71	0	0	0	0	0	166	0	0	99	0	597
ALPINE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AMADOR	0	0	0	0	0	38	0	0	2	0	0	78	0	0	25	0	68
BUTTE	0	385	0	0	0	7,620	77	0	217	90	76	3,273	0	0	1,947	0	19,056
CALAVERAS	125	0	0	0	0	38	0	0	7	11	0	1,011	0	0	166	0	180
COLUSA	1,358	10,900	4	0	0	12,344	58	0	2,373	852	1	11,793	1	0	863	27	125,417
CONTRA COSTA	2,473	0	0	53	0	53	4	0	332	2	0	2,842	0	0	218	0	839
DEL NORTE	0	0	0	0	0	26	0	0	0	91	0	0	0	0	0	0	356
EL DORADO	2	0	0	0	0	39	0	0	0	9	0	1	0	0	15	0	124
FRESNO	3,477	1,356	0	26,844	0	5,344	5,552	0	13,354	4,149	13	68,975	8	0	7,605	757	57,099
GLENN	0	2,526	0	0	0	7,682	29	0	629	95	0	7,371	0	0	510	0	37,742
HUMBOLDT	0	0	0	0	0	8	0	0	0	257	0	3	0	0	28	0	97
IMPERIAL	2,733	23	388	6,410	338	490	14	0	2,856	60	268	49,000	47	0	33,865	3,682	23,127
INYO	0	0	0	0	0	253	0	5	91	17	0	76	0	2	49	12	21
KERN	4,384	227	0	825	48	1,774	1,658	0	2,186	1,353	16	72,961	73	7,415	3,340	73	44,643
KINGS	7,821	22	0	0	28	424	652	3	160	1,862	236	28,176	0	0	5,601	86	8,216
LAKE	0	0	0	0	0	114	0	0	91	4	0	403	0	0	183	0	85
LASSEN	0	0	0	0	0	873	0	0	0	0	0	85	0	0	252	0	33
LOS ANGELES	4	27	2	78	0	531	73	0	9	130	0	270	0	0	361	0	2,771
MADERA	284	262	0	40	0	974	964	0	124	3,439	18	15,383	0	0	1,523	743	11,416
MARIN	0	0	0	0	0	32	0	0	0	0	0	0	0	0	2	0	12
MARIPOSA	0	0	0	0	0	4	0	0	0	0	0	2	0	0	0	0	10
MENDOCINO	0	27	1	4	0	5	0	4	9	9	0	106	0	0	20	0	219
MERCED	433	200	0	21	0	2,478	2,267	0	3,677	192	35	17,916	0	0	2,774	9	42,713
MODOC	258	0	0	0	0	763	257	0	210	0	0	769	0	0	1,959	51	266
MONO	0	0	0	0	0	212	0	0	0	0	0	35	0	0	10	0	0
MONTEREY	0	0	1	10,977	0	3,444	1,127	9	7,476	1,023	3	13,235	0	0	1,687	275	37,442
NAPA	3	0	0	0	0	44	0	9	20	199	0	180	0	0	23	0	618
NEVADA	0	119	0	0	0	9	0	0	0	1	0	0	0	0	0	0	43
ORANGE	0	0	1,255	27	0	415	13	1	414	168	0	157	46	6	199	51	2,853
PLACER	0	307	42	0	0	351	60	0	0	28	0	159	0	0	278	0	2,254
PLUMAS	0	0	0	0	0	18	0	0	0	0	0	0	0	0	0	0	107
RIVERSIDE	1,768	48	286	1,847	0	1,725	186	2	3,204	1,600	0	11,379	0	0	2,732	18	13,424
SACRAMENTO	1,524	1,051	0	0	0	989	0	0	374	957	203	2,669	0	0	683	0	5,442
SAN BENITO	0	0	0	0	0	839	0	1	814	35	0	238	0	0	46	0	4,232
SAN BERNARDINO	0	0	52	0	0	220	0	2	115	124	0	140	0	0	424	48	743
SAN DIEGO	0	0	117	487	0	685	29	9	600	16,265	63	622	0	0	7,307	70	17,040
SAN FRANCISCO	0	0	0	0	0	54	0	0	3	0	0	116	0	0	0	0	41
SAN JOAQUIN	192,352	7,639	401	364	0	26,635	917	0	34,955	21,496	9	107,980	1,074	0	47,033	4	94,280
SAN LUIS OBISPO	6	177	0	689	0	664	354	0	244	1,148	1	1,459	0	14	368	233	3,494
SAN MATEO	0	0	0	0	0	63	0	0	1	0	0	11	0	0	45	2	329
SANTA BARBARA	24	0	1	5,897	0	491	896	0	573	955	54	11,003	0	0	296	1,294	13,965
SANTA CLARA	0	0	0	0	0	339	0	0	16	179	0	129	0	0	192	0	11,336
SANTA CRUZ	0	1	0	0	0	92	11	7	3	74	0	16	0	0	67	3	5,294
SHASTA	483	41	0	0	0	1,482	0	0	29	0	0	228	0	0	1,312	0	13,274
SIERRA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SISKIYOU	258	0	0	0	0	1,596	277	0	148	30	0	765	0	0	2,082	51	700
SOLANO	4,083	1,002	0	0	0	6,809	84	0	554	7	0	4,259	53	0	2,540	0	2,869
SONOMA	7	0	0	0	0	194	6	0	351	335	0	76	14	0	48	0	1,048
STANISLAUS	1,633	78	0	296	485	8,881	257	0	10,375	1,063	0	35,252	0	0	3,115	0	27,192
SUTTER	375	3,929	0	0	0	12,391	31	0	1,046	675	548	5,885	0	0	2,675	0	36,683
TEHAMA	0	131	0	0	0	2,047	26	0	126	135	0	1,875	0	0	526	0	1,751
TRINITY	0	0	0	0	82	0	0	0	0	0	0	2	0	0	0	0	3
TULARE	4,307	24	38	5	0	2,132	2,101	1	3,786	1,873	37	38,262	33	0	4,350	13	22,198
TUOLUMNE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VENTURA	0	81	27	2,449	0	677	64	0	31,436	297	0	50,206	0	1	993	223	43,905
YOLO	1,210	9,578	0	0	0	6,833	333	0	1,717	52	0	16,224	28	0	2,848	0	39,087
YUBA	0	1,146	0	0	0	2,787	0	0	31	77	53	1,128	0	0	760	0	9,626
** UNKNOWN **	0	0	0	0	0	15	8	0	0	32	0	0	8	0	50	0	2,676
TOTAL	231,385	41,312	2,615	57,313	981	125,111	18,385	53	124,738	61,450	1,634	584,350	1,385	7,438	144,094	7,725	789,055

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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	60	201	0	5	0	1	610	3	0	0	2	293
ALPINE	0	0	0	0	0	0	0	0	0	0	0	0	0
AMADOR	0	3	0	0	0	0	0	97	20	0	0	7	35
BUTTE	82	420	698	0	392	0	0	3,510	1,692	63	212	6,485	1,346
CALAVERAS	0	61	114	0	15	0	0	18	14	0	0	1	12
COLUSA	1,299	6,995	1,433	0	6,498	0	0	2,353	492	272	12	3,095	967
CONTRA COSTA	0	66	1	0	509	0	0	413	183	8	6	7	205
DEL NORTE	0	91	0	0	0	0	22	48	0	0	8	22	35
EL DORADO	0	14	0	0	10	0	4	55	0	0	0	3	35
FRESNO	975	1,063	5,848	707	7,378	508	197	26,673	1,196	1,922	742	9,235	13,207
GLENN	210	2,856	591	0	56	0	0	3,454	1,252	0	111	9,716	1,363
HUMBOLDT	0	57	4	0	0	0	0	114	6	0	74	0	58
IMPERIAL	0	18	17,452	3,208	2,640	0	3,082	12,350	406	456	82	1,441	5,968
INYO	0	9	35	0	14	0	1	26	0	10	9	4	12
KERN	0	26	2,266	166	7,469	0	14	42,894	4,083	2,870	365	7,567	17,458
KINGS	118	105	1,725	766	2,196	0	124	5,556	386	13	188	1,039	3,103
LAKE	0	8	2	0	163	0	46	5	4	1	3	357	3
LASSEN	0	55	230	0	0	0	0	30	2	0	0	2	22
LOS ANGELES	1	14	179	23	31	0	15	2,936	3	24	5	1,611	1,408
MADERA	292	16	423	228	554	0	0	4,987	134	0	295	7,053	2,643
MARIN	0	0	0	0	0	0	0	14	0	0	0	296	7
MARIPOSA	0	0	0	0	0	0	0	7	0	0	0	0	4
MENDOCINO	0	27	19	0	3	0	0	256	0	0	0	62	115
MERCED	0	116	3,153	67	1,227	0	42	41,218	1,992	272	297	6,042	18,333
MODOC	0	2,854	873	0	1,964	0	0	24	175	0	0	828	18
MONO	0	74	265	0	0	0	0	0	15	0	0	0	0
MONTEREY	0	65	1,323	2,154	3,329	0	126	22,172	695	9	122	4,091	11,875
NAPA	0	19	52	0	40	0	17	590	0	8	3	230	317
NEVADA	0	11	15	0	0	0	0	57	17	0	0	307	23
ORANGE	0	96	94	7	575	0	82	3,048	1,095	0	26	55	1,425
PLACER	2	279	35	0	30	0	0	693	3	43	5	87	293
PLUMAS	0	0	0	0	0	0	0	10	0	0	0	0	4
RIVERSIDE	7	78	2,233	1,124	3,321	0	729	6,450	1,244	243	399	654	3,157
SACRAMENTO	0	759	676	0	10	199	28	2,214	748	40	0	230	992
SAN BENITO	0	0	0	0	73	0	0	4,278	224	0	4	229	2,092
SAN BERNARDINO	0	68	260	0	105	0	16	932	6	0	26	353	425
SAN DIEGO	200	111	175	251	2	0	278	19,932	101	466	322	1,195	9,258
SAN FRANCISCO	0	79	1	0	0	0	0	60	0	0	0	0	20
SAN JOAQUIN	0	121	397	0	3,513	0	0	23,675	4,868	1,058	10,850	26,028	10,798
SAN LUIS OBISPO	0	30	133	3	107	0	13	1,592	28	200	94	164	978
SAN MATEO	68	25	69	0	0	0	237	417	0	8	1	11	188
SANTA BARBARA	0	0	358	8	500	0	8	6,541	177	37	475	1,406	3,578
SANTA CLARA	0	57	0	0	2	0	70	15,757	2	0	2	108	5,910
SANTA CRUZ	0	0	21	1	2	0	41	5,904	0	0	57	107	3,162
SHASTA	0	212	406	0	0	0	1	15,311	2	680	1	8	7,852
SIERRA	0	0	0	0	0	0	0	0	0	0	0	0	0
SISKIYOU	0	3,640	522	0	628	0	0	377	338	0	0	662	176
SOLANO	411	3,134	2,664	0	4,714	0	40	2,642	1,112	42	32	234	950
SONOMA	0	51	103	0	109	0	64	1,301	27	37	7	641	568
STANISLAUS	0	78	1,244	0	2,517	0	1	10,741	6,430	1,481	218	14,113	5,201
SUTTER	228	3,833	1,706	0	2,896	0	0	1,736	1,085	47	302	1,251	625
TEHAMA	0	255	14	0	6	0	0	961	235	0	87	1,154	406
TRINITY	0	0	0	0	0	0	0	3	0	0	0	0	2
TULARE	54	31	3,754	842	1,164	180	154	19,660	1,905	314	1,075	2,325	10,052
TUOLUMNE	0	0	0	0	0	0	0	0	0	0	0	0	0
VENTURA	0	1,113	759	271	1,425	0	105	10,361	196	116	416	1,430	5,502
YOLO	0	1,274	913	0	3,535	0	3	2,442	404	65	21	408	1,017
YUBA	82	1,380	167	0	340	0	0	841	719	0	72	251	397
** UNKNOWN **	616	0	2,506	0	0	0	0	3,530	4,396	0	0	4	1,481
TOTAL	4,645	31,807	56,112	9,826	60,067	887	5,561	331,876	38,115	10,805	17,026	112,611	155,374

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COUNTY	COPPER	IRON	GYPSUM	LIME	SEWAGE SLUDGE	SULFUR	SULFURIC ACID	OTHER SEC MIC	ALL OTHER
ALAMEDA	0	32	71	50	0	7	0	725	0
ALPINE	0	0	0	0	0	0	0	0	0
AMADOR	0	0	113	21	0	19	0	9	0
BUTTE	14	46	4,326	4,337	0	905	24	1,890	1,503
CALAVERAS	1	0	939	7	0	1,150	0	24	0
COLUSA	29	35	9,459	19,281	0	362	24	3,694	979
CONTRA COSTA	0	3	2,755	135	0	160	0	215	0
DEL NORTE	0	0	2	11	0	0	0	12	3
EL DORADO	0	2	0	20	0	42	0	4	0
FRESNO	172	507	509,111	34,771	0	28,623	6,080	97,458	587
GLENN	2	0	5,380	9,816	0	1,099	25	9,805	0
HUMBOLDT	0	0	15	6	0	13	0	102	42
IMPERIAL	29	36	1,905	21,902	0	1,488	679	2,777	81
INYO	0	1	11	8	0	231	0	228	0
KERN	169	143	318,305	18,961	0	16,011	14,719	196,272	11,837
KINGS	48	0	137,855	14,351	0	10,940	49,631	5,559	10
LAKE	0	0	146	27	0	24	0	8	21
LASSEN	0	0	1,290	21	0	99	25	0	82
LOS ANGELES	1	150	617	72	99	327	266	1,429	3,022
MADERA	31	14	23,463	3,290	0	2,605	3,390	16,648	876
MARIN	0	0	0	0	0	301	0	7	0
MARIPOSA	0	0	0	4	0	0	0	0	2
MENDOCINO	0	0	311	143	0	3,649	0	171	2
MERCED	8	13	23,636	8,557	0	11,071	1,962	14,286	58
MODOC	1	0	3,097	173	0	973	68	2,744	0
MONO	0	1	0	353	0	36	123	4	0
MONTEREY	15	14	6,723	39,910	326	1,369	975	3,308	190
NAPA	0	2	4,338	2,546	0	20	0	1,622	7,693
NEVADA	0	0	24	78	0	0	0	2	4
ORANGE	0	148	810	146	0	154	48	4,513	58
PLACER	1	41	187	182	0	2	0	62	884
PLUMAS	0	0	0	0	0	0	0	0	0
RIVERSIDE	31	429	1,339	200	0	107	143	14,494	81
SACRAMENTO	8	42	1,451	1,196	3,017	882	0	13,796	149
SAN BENITO	0	2	5,018	462	0	48	22	236	720
SAN BERNARDINO	0	273	68	17	0	17	0	449	402
SAN DIEGO	9	479	2,979	133	0	17	21	875	105
SAN FRANCISCO	0	0	47	60	0	0	0	48	0
SAN JOAQUIN	0	344	32,405	22,796	298	9,983	612	40,533	9,186
SAN LUIS OBISPO	8	27	2,445	133,532	0	154	0	4,247	214
SAN MATEO	1	25	1	0	0	0	0	12	44
SANTA BARBARA	5	447	45,284	20,830	0	176	89	4,316	196,025
SANTA CLARA	0	101	1,855	1,664	0	7	0	844	49,921
SANTA CRUZ	4	2	5,368	3,122	0	768	5	1,125	86
SHASTA	0	4	1,941	15,635	0	382	0	39	7
SIERRA	0	0	0	0	0	0	0	1	0
SISKIYOU	0	0	4,781	98	0	1,224	113	2,996	6
SOLANO	7	3	2,738	1,735	377	854	0	219	2
SONOMA	0	81	4,545	2,564	0	6	0	2,293	1
STANISLAUS	10	1,175	44,574	23,822	0	8,102	295	16,819	578
SUTTER	48	0	2,880	1,675	0	686	0	68,650	40
TEHAMA	5	9	3,167	6,455	0	188	0	272	0
TRINITY	0	0	0	0	0	0	0	0	0
TULARE	132	75	94,702	8,604	925	17,736	5,677	17,543	3,947
TUOLUMNE	0	0	0	0	0	0	0	0	0
VENTURA	1	156	2,134	165	0	908	297	2,242	66,580
YOLO	5	0	6,690	6,177	0	544	0	34,610	10
YUBA	13	0	253	721	0	79	0	377	0
** UNKNOWN **	0	6	0	213	0	0	0	352	170
TOTAL	808	4,868	1,321,554	431,055	5,042	124,548	85,313	590,966	356,208

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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
	0	0	0	0	0	0	0	0	102	0	4	106	106
ALAMEDA	1,165	345	603	2,113	135	672	78	885	229,898	200	117	230,215	233,213
ALPINE	0	0	0	0	0	0	0	0	0	0	0	0	0
AMADOR	48	140	185	373	10	132	20	162	608	0	26	634	1,169
BUTTE	1,936	23,775	21,930	47,641	573	10,642	1,830	13,045	24,071	9,530	12	33,613	94,299
CALAVERAS	1	412	1,360	1,773	940	91	1,090	2,121	106	0	15	121	4,015
COLUSA	1,026	30,109	158,272	189,407	4,025	28,965	873	33,863	260	1,907	0	2,167	225,437
CONTRA COSTA	164	1,119	6,932	8,215	105	2,974	189	3,268	31,624	487	126	32,237	43,720
DEL NORTE	255	140	304	699	28	0	0	28	563	23	403	989	1,716
EL DORADO	156	67	88	311	26	0	42	68	16,765	3,161	21	19,947	20,326
FRESNO	35,784	48,989	179,411	264,184	12,692	597,581	67,036	677,309	32,437	8,288	31	40,756	982,249
GLENN	1,890	27,951	46,352	76,193	375	17,019	8,733	26,127	94	2,558	170	2,822	105,142
HUMBOLDT	582	121	3	706	178	0	0	178	31,294	29,477	80	60,851	61,735
IMPERIAL	1,735	71,491	97,177	170,403	1,723	23,556	3,618	28,897	2,169	6,421	9	8,599	207,899
INYO	233	322	90	645	123	229	127	479	172	0	0	172	1,296
KERN	33,948	80,160	112,046	226,154	9,076	548,859	18,482	576,417	9,859	7,347	18	17,224	819,795
KINGS	7,449	11,480	49,677	68,606	1,819	162,155	54,420	218,394	1,125	2,706	1	3,832	290,832
LAKE	423	306	744	1,473	93	125	8	226	6,794	0	3	6,797	8,496
LASSEN	57	1,425	102	1,584	13	1,479	25	1,517	6	0	0	6	3,107
LOS ANGELES	7,755	1,180	1,571	10,506	2,062	3,690	231	5,983	101,164	32,181	405	133,750	150,239
MADERA	6,641	11,659	33,495	51,795	2,922	23,028	24,367	50,317	6,417	1,043	3	7,463	109,575
MARIN	190	173	0	363	308	0	0	308	21,995	1,700	127	23,822	24,493
MARIPOSA	7	9	11	27	2	4	0	6	3,139	0	0	3,139	3,172
MENDOCINO	479	170	237	886	3,894	369	13	4,276	17,887	2	352	18,241	23,403
MERCED	9,676	95,190	40,608	145,474	2,546	54,474	2,571	59,591	2,120	1,924	620	4,664	209,729
MODOC	22	7,432	3,815	11,269	24	6,951	81	7,056	161	0	0	161	18,486
MONO	0	576	35	611	5	389	123	517	88	0	7	95	1,223
MONTEREY	3,226	46,666	72,768	122,660	2,125	49,443	1,262	52,830	2,916	21,860	4	24,780	200,270
NAPA	363	1,537	472	2,372	59	16,059	103	16,221	625	979	1,463	3,067	21,660
NEVADA	364	118	120	602	5	102	1	108	22,315	7,127	18	29,460	30,170
ORANGE	8,244	1,373	2,490	12,107	1,207	329	4,341	5,877	86,550	24,222	1,007	111,779	129,763
PLACER	866	1,861	2,222	4,949	130	1,224	5	1,359	24,157	34	74	24,265	30,573
PLUMAS	21	18	100	139	0	0	0	0	21	0	1	22	161
RIVERSIDE	15,831	7,770	34,256	57,857	14,938	1,051	835	16,824	107,511	66,587	421	174,519	249,200
SACRAMENTO	4,187	5,676	9,925	19,788	812	19,629	100	20,541	100,483	4,858	6,185	111,526	151,855
SAN BENITO	101	9,455	3,549	13,105	372	6,069	67	6,508	606	57	1	664	20,277
SAN BERNARDINO	2,807	676	576	4,059	915	286	25	1,226	51,984	102,733	945	155,662	160,947
SAN DIEGO	15,384	46,457	13,744	75,585	3,237	1,217	164	4,618	63,038	11,660	112	74,810	155,013
SAN FRANCISCO	1	243	131	375	0	152	3	155	43,003	58	82	43,143	43,673
SAN JOAQUIN	30,127	144,782	441,538	616,447	12,491	75,785	27,881	116,157	41,358	52,507	3,517	97,382	829,986
SAN LUIS OBISPO	2,584	2,586	7,023	12,193	652	139,664	311	140,627	8,875	61	15	8,951	161,771
SAN MATEO	1,390	68	17	1,475	82	0	1	83	62,195	484	18	62,697	64,255
SANTA BARBARA	8,333	6,964	33,240	48,537	2,154	68,609	196,409	267,172	18,219	2,400	46	20,665	336,374
SANTA CLARA	4,122	29,150	826	34,098	833	3,755	49,804	54,392	119,935	45	97	120,077	208,567
SANTA CRUZ	1,237	12,774	852	14,863	1,217	9,206	57	10,480	30,860	358	71	31,289	56,632
SHASTA	254	40,111	957	41,322	84	17,924	0	18,008	19,510	7	27	19,544	78,874
SIERRA	0	0	0	0	1	0	0	1	0	0	0	0	1
SISKIYOU	16	9,269	2,966	12,251	7	9,088	123	9,218	235	148	3	386	21,855
SOLANO	786	22,044	15,405	38,235	448	5,327	160	5,935	14,178	854	16	15,048	59,218
SONOMA	3,003	1,503	481	4,987	677	8,651	162	9,490	53,088	1,160	379	54,627	69,104
STANISLAUS	4,877	60,780	64,994	130,651	4,266	81,407	9,702	95,375	40,100	8,346	43	48,489	274,515
SUTTER	650	27,055	50,242	77,947	581	5,363	68,035	73,979	7,781	210	5	7,996	159,922
TEHAMA	494	6,750	2,492	9,736	139	9,919	38	10,096	10,327	4	98	10,429	30,261
TRINITY	0	7	84	91	0	0	0	0	4,441	2	7	4,450	4,541
TULARE	9,939	33,903	76,828	120,670	7,976	127,655	13,710	149,341	28,210	18,357	1,632	48,199	318,210
TUOLUMNE	0	0	0	0	0	0	0	0	1,174	0	2	1,176	1,176
VENTURA	6,449	13,740	131,864	152,053	2,093	2,265	68,125	72,483	26,525	2,149	321	28,995	253,531
YOLO	278	16,750	70,964	87,992	628	47,257	151	48,036	36,098	319	30	36,447	172,475
YUBA	106	8,062	11,689	19,857	19	1,410	14	1,443	2,224	32	2	2,258	23,558
** UNKNOWN **	4,384	10,067	872	15,323	112	240	389	741	185,064	191	55	185,310	201,374
TOTAL	242,046	982,956	1,808,735	3,033,737	101,957	2,192,470	625,935	2,920,362	1754524	436,764	19,247	2210535	8,164,634

STATE OF CALIFORNIA - DEPARTMENT OF FOOD AND AGRICULTURE
TONNAGE REPORT OF COMMERCIAL FERTILIZERS AND AGRICULTURAL MINERALS
January 2011 - December 2011
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	333	326	99	758	220	274	77	571	113	53	22	188
ALPINE	0	0	0	0	0	0	0	0	0	0	0	0
AMADOR	69	35	28	132	29	22	23	74	41	13	5	58
BUTTE	8,048	1,859	4,832	14,739	3,434	1,624	4,794	9,852	4,614	235	38	4,887
CALAVERAS	575	82	13	670	109	74	10	193	466	8	2	477
COLUSA	37,957	5,774	2,238	45,968	5,064	3,246	2,115	10,424	32,893	2,528	123	35,544
CONTRA COSTA	3,384	327	185	3,895	214	112	168	493	3,170	215	17	3,402
DEL NORTE	112	45	25	182	51	45	25	121	61	0	0	61
EL DORADO	53	26	12	91	37	21	12	70	16	4	1	21
FRESNO	53,676	15,839	10,406	79,921	11,886	10,743	8,925	31,554	41,790	5,096	1,481	48,367
GLENN	13,294	2,210	6,127	21,631	3,251	2,120	6,092	11,462	10,044	90	35	10,169
HUMBOLDT	106	52	55	213	105	52	55	212	1	0	0	1
IMPERIAL	44,401	17,573	3,063	65,037	18,648	12,318	2,182	33,149	25,753	5,255	881	31,889
INYO	137	34	12	183	111	29	12	152	26	5	0	30
KERN	46,559	18,841	12,993	78,393	14,969	15,147	12,345	42,461	31,590	3,694	648	35,932
KINGS	21,155	4,033	1,828	27,017	4,024	2,066	1,424	7,514	17,131	1,968	404	19,503
LAKE	286	81	184	551	112	24	183	319	175	56	1	232
LASSEN	371	140	9	519	341	138	8	487	29	2	1	32
LOS ANGELES	1,318	1,127	1,279	3,724	1,045	990	1,234	3,269	273	137	46	455
MADERA	9,630	2,334	4,590	16,554	1,970	1,342	4,254	7,566	7,661	991	336	8,988
MARIN	12	5	150	167	12	5	150	167	0	0	0	0
MARIPOSA	4	3	1	8	2	2	1	5	2	1	0	3
MENDOCINO	132	104	70	306	79	90	65	234	53	14	4	72
MERCED	21,919	16,366	10,546	48,831	12,765	14,814	10,171	37,750	9,155	1,551	375	11,081
MODOC	2,390	1,700	524	4,614	1,614	1,025	519	3,158	775	675	5	1,455
MONO	101	153	9	263	90	153	9	252	11	0	0	11
MONTEREY	19,611	10,455	6,347	36,413	6,393	5,530	5,188	17,111	13,218	4,925	1,159	19,302
NAPA	314	249	220	782	214	219	210	643	100	29	10	139
NEVADA	44	30	172	246	20	30	172	221	24	0	0	24
ORANGE	1,759	1,348	1,168	4,275	1,396	1,003	1,111	3,510	363	344	57	765
PLACER	918	326	156	1,401	458	316	156	930	460	10	0	471
PLUMAS	26	4	1	31	6	4	1	11	20	0	0	20
RIVERSIDE	11,873	5,496	2,338	19,708	3,666	3,263	2,084	9,012	8,208	2,233	254	10,695
SACRAMENTO	4,686	1,353	917	6,956	1,572	1,248	894	3,713	3,114	105	24	3,243
SAN BENITO	1,721	1,476	937	4,135	1,176	1,206	817	3,198	545	271	120	936
SAN BERNARDINO	656	512	333	1,501	558	424	314	1,296	98	89	19	205
SAN DIEGO	12,112	7,316	3,973	23,401	10,230	5,245	3,327	18,801	1,882	2,071	647	4,600
SAN FRANCISCO	76	38	7	122	37	36	7	80	39	2	1	42
SAN JOAQUIN	252,102	9,562	24,537	286,201	36,801	4,796	22,852	64,449	215,301	4,766	1,685	221,752
SAN LUIS OBISPO	2,137	634	491	3,263	797	390	383	1,570	1,341	244	108	1,693
SAN MATEO	173	325	70	569	169	324	70	563	4	1	0	5
SANTA BARBARA	9,182	2,533	2,174	13,890	1,801	1,588	1,855	5,244	7,381	945	319	8,645
SANTA CLARA	4,197	5,629	2,118	11,944	4,062	5,570	2,090	11,722	135	60	27	222
SANTA CRUZ	1,793	1,998	1,097	4,887	1,682	1,882	1,050	4,613	111	115	47	274
SHASTA	5,823	5,401	2,706	13,930	5,307	5,397	2,705	13,409	516	4	1	521
SIERRA	0	0	0	0	0	0	0	0	0	0	0	0
SISKIYOU	2,682	1,342	592	4,616	1,989	1,073	560	3,623	692	269	32	993
SOLANO	9,824	4,772	1,146	15,742	4,214	3,155	1,139	8,508	5,609	1,617	7	7,233
SONOMA	587	581	539	1,706	504	525	530	1,559	83	55	9	147
STANISLAUS	24,580	5,170	13,046	42,796	8,398	3,399	12,539	24,337	16,181	1,771	507	18,459
SUTTER	15,823	3,362	1,640	20,825	5,190	2,567	1,618	9,375	10,633	795	22	11,449
TEHAMA	1,836	395	894	3,125	1,231	387	890	2,508	605	8	4	617
TRINITY	18	1	1	19	1	1	1	2	17	0	0	17
TULARE	27,026	9,587	6,125	42,738	6,888	5,488	4,175	16,551	20,139	4,100	1,949	26,188
TUOLUMNE	0	0	0	0	0	0	0	0	0	0	0	0
VENTURA	32,021	4,760	2,817	39,597	2,670	2,575	1,970	7,214	29,351	2,185	847	32,382
YOLO	19,710	2,785	816	23,311	3,605	1,394	740	5,740	16,105	1,390	75	17,571
YUBA	3,866	803	720	5,389	1,432	685	718	2,835	2,434	118	2	2,554
** UNKNOWN **	1,338	2,817	3,142	7,297	1,235	2,717	3,074	7,026	103	100	68	271
TOTAL	734,535	180,126	140,520	1,055,180	193,882	128,914	128,091	450,887	540,652	51,212	12,428	604,293