FERTILIZING MATERIALS

TONNAGE REPORT

JANUARY – JUNE 2013

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

SACRAMENTO, CALIFORNIA 95814

FOREWORD

This publication summarizes State and County tonnage sales/distributions of commercial fertilizers, specialty fertilizers, 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 Section 14621 of 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 Food and Agricultural Code, 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,

Amadou Ba, Ph.D,
Environmental Program Manager II

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

CODE	MATERIAL NAME	JULY-DEC 2011	JULY-DEC 2012	JAN-JUNE 2012	JAN-JUNE 2013	JULY-JUNE 2011-2012	JULY-JUNE 2012-2013
0	IDENTIFIED BY GRADE	304,561	369,831	1,659,903	1,166,851	1,964,464	1,536,682
0	N-P-K-GRADES	1,871,216	700,200	0	427,686	1,871,216	1,127,886
2	ANHYDROUS AMMONIA	88,281	17,133	153,217	25,237	241,498	42,370
6	AQUA AMMONIA	41,070	21,970	810	193,204	41,880	215,174
10	AMMONIUM NITRATE	1,644	1,581	1,327	3,815	2,971	5,396
12	AMMONIUM NITRATE SOLU	56,968	26,008	361,897	27,220	418,865	53,228
20	AMMONIUM POLYSULFIDE	981	666	327	1,540	1,308	2,206
24	AMMONIUM SULFATE	52,987	56,506	90,506	73,993	143,493	130,499
31	AMMONIUM THIOSULFATE	17,122	15,249	45,497	50,247	62,619	65,496
35	CALCIUM AMMONIUM NITR	110,522	346,287	191,313	216,698	301,835	562,985
43	CALCIUM NITRATE	24,720	32,205	48,263	48,116	72,983	80,321
58	NITROGEN SOLUTION 28%	631	1,148	4,365	3,000	4,996	4,148
60	NITROGEN SOLUTION 32%	193,885	193,262	431,492	518,679	625,377	711,941
61	NITROGEN SOLUTION >32%	0	0	236	0	236	0
62	SODIUM NITRATE	224	536	1,803	940	2,027	1,476
64	SULFUR COATED UREA	7,427	12	47	189	7,474	201
66	UREA	43,478	55,138	91,313	92,269	134,791	147,407
67	UREA SOLUTION	7,590	3,742	2,622	9,902	10,212	13,644
203	DIAMMONIUM PHOSPHATE	1,413	877	5,665	3,166	7,078	4,043
207	AMMONIUM PHOSPHATE SOL	6,872	6,957	18,623	19,335	25,495	26,292
209	MONOAMMONIUM PHOS	32,090	32,276	24,245	24,237	56,335	56,513
248	PHOSPHORIC ACID	3,395	4,238	6,480	17,171	9,875	21,409
249	LIQUID AMMONIUM POLYP	19,816	26,703	42,671	37,145	62,487	63,848
263	SUPERPHOSPHATE, NORMA	199	19	5,436	469	5,635	488
267	SUPERPHOSPHATE, TRIPL	425	970	422	1,613	847	2,583
428	MURIATE OF POTASH 60%	16,604	16,047	26,731	22,536	43,335	38,583
443	POTASSIUM-MAGNESIUM S	6,259	5,267	5,474	12,896	11,733	18,163
453	POTASSIUM NITRATE	5,525	7,135	12,851	9,904	18,376	17,039
463	POTASSIUM SULFATE	77,056	140,322	197,797	58,875	274,853	199,197
601	BLOOD, DRIED	16	211	145	117	161	328
667	SEWAGE SLUDGE, OTHER	2,979	85,681	57,209	45,591	60,188	131,272
723	COPPER COMPOUND	333	588	773	474	1,106	1,062
731	IRON COMPOUND	2,352	1,656	2,254	13,988	4,606	15,644
732	GYPSUM (CALCIUM SULFA	942,737	1,058,100	567,891	605,626	1,510,628	1,663,726
770	SULFUR	74,939	105,446	301,967	68,306	376,906	173,752
774	SULFURIC ACID	45,164	532,483	267,833	69,395	312,997	601,878
797	SEC/MICRONUT. - CODE	322,723	141,597	271,415	171,453	594,138	313,050
907	LIME PRODUCT CODE -U	300,419	423,035	150,565	159,095	450,984	582,130
0	TOTAL	4,684,623	4,431,082	5,051,385	4,200,978	9,736,008	8,632,060

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 2011 N	JULY-DEC 2011 P2O5	JULY-DEC 2011 K2O	JULY-DEC 2012 N	JULY-DEC 2012 P2O5	JULY-DEC 2012 K2O
0	IDENTIFIED BY GRADE	35,938	32,283	24,365	43,640	39,201	29,586
2	ANHYDROUS AMMONIA	72,390	0	0	14,049	0	0
6	AQUA AMMONIA	8,214	0	0	4,394	0	0
10	AMMONIUM NITRATE	559	0	0	538	0	0
12	AMMONIUM NITRATE SOLU	11,394	0	0	5,202	0	0
20	AMMONIUM POLYSULFIDE	196	0	0	133	0	0
24	AMMONIUM SULFATE	11,127	0	0	11,866	0	0
31	AMMONIUM THIOSULFATE	2,055	0	0	1,830	0	0
35	CALCIUM AMMONIUM NITR	18,789	0	0	58,869	0	0
43	CALCIUM NITRATE	3,708	0	0	4,831	0	0
58	NITROGEN SOLUTION 28%	177	0	0	321	0	0
60	NITROGEN SOLUTION 32%	62,043	0	0	61,844	0	0
61	NITROGEN SOLUTION >32%	0	0	0	0	0	0
62	SODIUM NITRATE	36	0	0	86	0	0
64	SULFUR COATED UREA	2,674	0	0	4	0	0
66	UREA	20,000	0	0	25,363	0	0
67	UREA SOLUTION	1,518	0	0	748	0	0
203	DIAMMONIUM PHOSPHATE	254	650	0	158	403	0
207	AMMONIUM PHOSPHATE SOL	1,100	1,374	0	1,113	1,391	0
209	MONOAMMONIUM PHOS	3,530	16,687	0	3,550	16,784	0
248	PHOSPHORIC ACID	0	1,833	0	0	2,289	0
249	LIQUID AMMONIUM POLYP	1,982	6,737	0	2,670	9,079	0
263	SUPERPHOSPHATE, NORMA	0	44	0	0	4	0
267	SUPERPHOSPHATE, TRIPL	0	196	0	0	446	0
428	MURIATE OF POTASH 60%	0	0	9,962	0	1,714	9,628
443	POTASSIUM-MAGNESIUM S	0	0	1,377	0	0	1,159
453	POTASSIUM NITRATE	773	0	2,431	999	0	3,139
463	POTASSIUM SULFATE	0	0	38,528	0	0	70,161
601	BLOOD, DRIED	2	0	0	25	0	0
667	SEWAGE SLUDGE, OTHER	179	60	30	5,141	0	857
723	COPPER COMPOUND	0	0	0	0	0	0
731	IRON COMPOUND	0	0	0	0	0	0
732	GYPSUM (CALCIUM SULFA	0	0	0	0	0	0
770	SULFUR	0	0	0	0	0	0
774	SULFURIC ACID	0	0	0	0	0	0
797	SEC/MICRONUT. - CODE	0	0	0	0	0	0
907	LIME PRODUCT CODE -U	0	0	0	0	0	0
0	TOTAL	258,638	59,864	76,693	247,374	71,311	114,530

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CODE	MATERIAL NAME	JAN-JUNE 2012 N	JAN-JUNE 2012 P2O5	JAN-JUNE 2012 K2O	JAN-JUNE 2013 N	JAN-JUNE 2013 P2O5	JAN-JUNE 2013 K20
0	IDENTIFIED BY GRADE	178,932	146,856	69,209	261,728	80,022	85,936
2	ANHYDROUS AMMONIA	125,638	0	0	20,694	0	0
6	AQUA AMMONIA	162	0	0	38,641	0	0
10	AMMONIUM NITRATE	451	0	0	1,297	0	0
12	AMMONIUM NITRATE SOLU	72,379	0	0	5,444	0	0
20	AMMONIUM POLYSULFIDE	65	0	0	308	0	0
24	AMMONIUM SULFATE	19,006	0	0	15,539	0	0
31	AMMONIUM THIOSULFATE	5,460	0	0	6,030	0	0
35	CALCIUM AMMONIUM NITR	32,523	0	0	36,839	0	0
43	CALCIUM NITRATE	7,239	0	0	7,217	0	0
58	NITROGEN SOLUTION 28%	1,222	0	0	840	0	0
60	NITROGEN SOLUTION 32%	138,077	0	0	165,977	0	0
61	NITROGEN SOLUTION >32%	80	0	0	0	0	0
62	SODIUM NITRATE	288	0	0	150	0	0
64	SULFUR COATED UREA	17	0	0	68	0	0
66	UREA	42,004	0	0	42,444	0	0
67	UREA SOLUTION	524	0	0	1,980	0	0
203	DIAMMONIUM PHOSPHATE	1,020	2,606	0	570	1,456	0
207	AMMONIUM PHOSPHATE SOL	2,980	3,725	0	3,094	3,867	0
209	MONOAMMONIUM PHOS	2,667	12,607	0	2,666	12,603	0
248	PHOSPHORIC ACID	0	3,499	0	0	9,272	0
249	LIQUID AMMONIUM POLYP	4,267	14,508	0	3,715	12,629	0
263	SUPERPHOSPHATE, NORMA	0	1,196	0	0	103	0
267	SUPERPHOSPHATE, TRIPL	0	194	0	0	742	0
428	MURIATE OF POTASH 60%	0	0	16,039	0	0	13,522
443	POTASSIUM-MAGNESIUM S	0	0	1,204	0	0	2,837
453	POTASSIUM NITRATE	1,761	0	5,536	1,387	0	4,358
463	POTASSIUM SULFATE	0	0	98,899	0	0	29,438
601	BLOOD, DRIED	17	0	0	14	0	0
667	SEWAGE SLUDGE, OTHER	0	0	0	2,735	912	456
723	COPPER COMPOUND	0	0	0	0	0	0
731	IRON COMPOUND	0	0	0	0	0	0
732	GYPSUM (CALCIUM SULFA	0	0	0	0	0	0
770	SULFUR	0	0	0	0	0	0
774	SULFURIC ACID	0	0	0	0	0	0
797	SEC/MICRONUT. - CODE	0	0	0	0	0	0
907	LIME PRODUCT CODE -U	0	0	0	0	0	0
0	TOTAL	636,779	185,191	190,887	619,376	121,607	136,546

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CODE	MATERIAL NAME	JULY-JUNE 11-12 N	JULY-JUNE 11-12 P205	JULY-JUNE 11-12 K2O	JULY-JUNE 12-13 N	JULY-JUNE 12-13 P205	JULY-JUNE 12-13 K20
0	IDENTIFIED BY GRADE	214,870	179,139	93,574	305,368	119,223	115,522
2	ANHYDROUS AMMONIA	198,028	0	0	34,743	0	0
6	AQUA AMMONIA	8,376	0	0	43,035	0	0
10	AMMONIUM NITRATE	1,010	0	0	1,835	0	0
12	AMMONIUM NITRATE SOLU	83,773	0	0	10,646	0	0
20	AMMONIUM POLYSULFIDE	261	0	0	441	0	0
24	AMMONIUM SULFATE	30,133	0	0	27,405	0	0
31	AMMONIUM THIOSULFATE	7,515	0	0	7,860	0	0
35	CALCIUM AMMONIUM NITR	51,312	0	0	95,708	0	0
43	CALCIUM NITRATE	10,947	0	0	12,048	0	0
58	NITROGEN SOLUTION 28%	1,399	0	0	1,161	0	0
60	NITROGEN SOLUTION 32%	200,120	0	0	227,821	0	0
61	NITROGEN SOLUTION >32%	80	0	0	0	0	0
62	SODIUM NITRATE	324	0	0	236	0	0
64	SULFUR COATED UREA	2,691	0	0	72	0	0
66	UREA	62,004	0	0	67,807	0	0
67	UREA SOLUTION	2,042	0	0	2,728	0	0
203	DIAMMONIUM PHOSPHATE	1,274	3,256	0	728	1,859	0
207	AMMONIUM PHOSPHATE SOL	4,080	5,099	0	4,207	5,258	0
209	MONOAMMONIUM PHOS	6,197	29,294	0	6,216	29,387	0
248	PHOSPHORIC ACID	0	5,332	0	0	11,561	0
249	LIQUID AMMONIUM POLYP	6,249	21,245	0	6,385	21,708	0
263	SUPERPHOSPHATE, NORMA	0	1,240	0	0	107	0
267	SUPERPHOSPHATE, TRIPL	0	390	0	0	1,188	0
428	MURIATE OF POTASH 60%	0	0	26,001	0	1,714	23,150
443	POTASSIUM-MAGNESIUM S	0	0	2,581	0	0	3,996
453	POTASSIUM NITRATE	2,534	0	7,967	2,386	0	7,497
463	POTASSIUM SULFATE	0	0	137,427	0	0	99,599
601	BLOOD, DRIED	19	0	0	39	0	0
667	SEWAGE SLUDGE, OTHER	179	60	30	7,876	912	1,313
723	COPPER COMPOUND	0	0	0	0	0	0
731	IRON COMPOUND	0	0	0	0	0	0
732	GYPSUM (CALCIUM SULFA	0	0	0	0	0	0
770	SULFUR	0	0	0	0	0	0
774	SULFURIC ACID	0	0	0	0	0	0
797	SEC/MICRONUT. - CODE	0	0	0	0	0	0
907	LIME PRODUCT CODE -U	0	0	0	0	0	0
0	TOTAL	895,417	245,055	267,580	866,750	192,918	251,076

STATE OF CALIFORNIA - DEPARTMENT OF FOOD AND AGRICULTURE
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JANUARY-JUNE 2013
TONS OF NITROGEN MATERIALS - FARM USE

COUNTY	ANHYDROUS AMMONIA	AQUA AMMONIA	AMMONIUM NITRATE	AMMONIUM NITRATE SOLUTION	AMMONIUM POLYSULFATE	AMMONIUM SULFATE	AMMONIUM THIOSULFATE	BLOOD MEAL	CALCIUM AMMONIUM NITRATE	CALCIUM NITRATE	NITROGEN SOLUTION 28%	NITROGEN SOLUTION 32%	SODIUM NITRATE	SULFUR COATED UREA	UREA	UREA SOLUTION	NITROGEN MATERIALS - ALL OTHER
ALAMEDA	0	30	0	0	0	80	9	0	20	0	0	245	0	0	0	0	461
AMADOR	0	0	0	0	0	34	3	0	3	0	0	76	0	0	13	0	52
BUTTE	0	40,598	0	0	0	13,092	1,312	0	1,259	45	74	10,097	0	2	1,565	0	2,319
CALAVERAS	0	0	0	0	0	112	3	0	40	0	0	33	0	0	16	0	0
COLUSA	713	52,386	0	183	0	4,476	367	0	7,968	33	28	14,938	1	0	1,433	78	2,994
CONTRA COSTA	1,006	277	7	0	0	164	460	0	195	79	0	2,504	0	0	187	0	8,734
DEL NORTE	0	319	0	0	0	1	0	0	0	21	0	0	0	0	12	0	2
EL DORADO	0	494	0	0	0	31	0	0	1	81	0	28	0	0	7	0	34
FRESNO	1,567	2,398	0	143	0	1,931	19,101	0	37,575	1,989	0	62,486	6	174	2,678	120	22,331
GLENN	1,580	28,680	0	0	0	4,171	456	0	1,286	40	61	8,609	0	0	472	0	1,992
HUMBOLDT	0	0	0	0	0	3	0	0	0	96	0	0	0	0	5	0	574
IMPERIAL	269	0	1,814	4,771	282	542	37	5	5,879	39	110	26,471	48	0	27,069	1,569	59,182
INYO	0	0	0	0	0	156	0	1	67	5	0	127	0	2	64	2	53
KERN	1,453	582	0	187	443	1,541	6,212	0	6,991	2,942	2	62,883	0	0	3,278	20	16,258
KINGS	3,619	3	0	15	0	181	1,268	0	3,971	1,772	8	26,950	42	0	1,738	7	1,636
LAKE	0	0	0	0	0	69	0	0	360	11	0	127	0	0	35	0	120
LASSEN	0	0	0	0	0	451	0	0	25	0	0	3	0	0	281	0	19
LOS ANGELES	0	16	0	250	0	390	134	0	105	59	0	189	0	0	258	0	3,669
MADERA	80	366	0	85	0	471	2,766	0	4,680	1,413	22	13,468	0	0	559	187	3,601
MARIN	0	0	0	0	0	34	0	0	0	0	0	5	0	0	1	0	54
MARIPOSA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MENDOCINO	0	0	0	10	0	28	0	3	81	7	0	28	0	0	23	0	843
MERCED	189	23	0	72	0	1,846	7,316	0	9,505	358	0	15,487	0	1	1,460	3	14,161
MODOC	221	0	0	0	40	1,181	407	0	100	0	0	414	0	0	1,594	27	6
MONO	0	0	0	0	0	185	0	0	0	0	0	5	0	0	21	0	0
MONTEREY	0	0	7	11,019	0	1,556	1,100	10	8,576	429	0	5,307	0	0	816	568	12,969
NAPA	0	0	0	0	0	12	0	1	100	150	0	8	0	0	7	0	238
NEVADA	0	0	0	0	0	0	32	4	0	0	0	80	0	0	0	0	55
ORANGE	0	0	695	137	0	435	0	1	257	52	0	101	15	4	161	5	5,374
PLACER	0	2,672	0	0	0	159	0	0	26	1	0	94	0	0	72	0	541
PLUMAS	0	0	0	0	0	23	0	0	0	0	0	0	0	0	0	0	1
RIVERSIDE	1,648	23	0	2,702	16	1,250	52	0	3,965	475	0	5,607	0	0	1,377	198	8,276
SACRAMENTO	681	2,714	0	0	0	574	79	0	638	597	0	2,573	0	0	702	0	2,220
SAN BENITO	0	0	0	59	0	72	0	16	1,114	18	0	199	0	0	1	0	4,870
SAN BERNARDINO	0	0	0	3	0	150	8	2	36	142	0	51	0	0	127	3	794
SAN DIEGO	0	0	48	82	0	482	81	2	1,769	9,910	36	250	0	0	3,633	13	13,797
SAN FRANCISCO	23	49	0	0	0	0	8	0	0	0	0	80	0	0	1	0	28
SAN JOAQUIN	354	1,620	100	34	0	7,625	1,794	0	51,529	21,419	49	79,441	249	0	21,192	23	14,601
SAN LUIS OBISPO	0	25	0	752	0	356	308	0	319	514	5	740	0	6	33	176	675
SAN MATEO	0	91	12	0	0	3	11	0	0	56	0	13	0	0	28	0	1,263
SANTA BARBARA	10	0	0	4,185	0	255	594	0	504	603	23	6,329	0	0	64	1,317	3,538
SANTA CLARA	0	0	6	5	0	157	3	0	310	75	0	290	7	0	163	0	6,991
SANTA CRUZ	0	0	7	0	0	359	18	55	524	361	0	223	0	0	106	4,960	1,012
SHASTA	232	0	3	27	0	3,123	3	0	27	19	0	384	0	0	2,340	14	278
SISKIYOU	242	0	3	0	27	1,698	182	0	233	0	0	296	0	0	2,158	27	677
SOLANO	2,097	879	0	201	0	1,489	15	0	756	7	0	3,102	24	0	722	0	778
SONOMA	0	63	7	54	0	43	0	16	429	335	0	53	0	0	15	0	883
STANISLAUS	175	19	0	1,267	653	5,213	1,528	1	22,865	1,202	1	28,076	0	0	2,045	0	11,039
SUTTER	167	34,687	0	0	0	5,697	307	0	2,191	596	528	6,049	27	0	1,354	0	2,591
TEHAMA	0	432	0	0	0	1,909	10	0	298	112	2	1,939	0	0	330	0	1,046
TULARE	3,366	37	0	11	79	3,055	2,887	0	6,127	1,813	172	26,005	479	0	3,088	495	12,128
TUOLUMNE	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
VENTURA	0	0	0	840	0	1,501	580	0	26,372	143	0	33,405	0	0	658	0	11,582
YOLO	288	15,564	0	126	0	2,590	569	0	7,390	16	0	10,373	42	0	4,357	0	3,274
YUBA	2,692	5,800	0	0	0	1,026	12	0	231	81	0	2,145	0	0	324	0	195
** UNKNOWN **	2,565	2,357	1,106	0	0	2,007	215	0	1	0	1,879	60,293	0	0	3,626	90	917
TOTAL	25,237	193,204	3,815	27,220	1,540	73,993	50,247	117	216,698	48,116	3,000	518,679	940	189	92,269	9,902	261,726

STATE OF CALIFORNIA - DEPARTMENT OF FOOD AND AGRICULTURE
TONNAGE REPORT OF COMMERCIAL FERTILIZERS AND AGRICULTURAL MINERALS
JANUARY - JUNE 2013
TONS OF PHOSPHORUS AND POTASSIUM MATERIALS - FARM USE

COUNTY	DIAMMONIUM PHOSPHATE	AMMONIUM PHOSPHATE SULFATE	MONOAMMONIUM PHOSPHATE	PHOSPHORIC ACID	LIQUID AMMONIUM POLYPHOSPHATE	NORMAL SUPERPHOSHPATE	TRIPLE SUPERPHOSPHATE	PHOSPHORUS MATERIALS - ALL OTHER	MURIATE OF POTASH	SULFATE OF POTASH MAGNESIA	POTASSIUM NITRATE	POTASSIUM SULFATE	POTASSIUM MATERIALS - ALL OTHER
ALAMEDA	0	18	0	0	0	0	0	34	0	3	1	1	30
AMADOR	0	0	0	0	48	0	0	107	5	0	0	30	37
BUTTE	0	2,078	2,679	0	3,174	0	0	1,765	3,636	339	151	5,296	1,855
CALAVERAS	0	0	0	0	0	0	0	1	8	0	0	0	2
COLUSA	2,617	2,670	2,205	0	2,078	0	2	2,563	26	0	56	1,793	2,360
CONTRA COSTA	0	48	0	3	233	0	0	95	0	0	9	11	202
DEL NORTE	0	436	0	0	0	0	1	0	0	0	0	112	10
EL DORADO	0	21	1	0	28	0	3	13	0	0	10	3	17
FRESNO	67	179	2,093	716	2,400	0	0	8,606	936	569	533	3,882	13,896
GLENN	62	2,350	558	0	68	0	0	2,650	841	0	87	3,202	2,937
HUMBOLDT	0	15	0	6	0	0	0	428	0	2	59	0	512
IMPERIAL	0	0	3,842	3,913	1,291	0	0	4,130	394	49	70	517	113
INYO	0	0	124	0	0	0	0	18	0	0	8	3	17
KERN	0	442	1,273	8,829	4,647	0	2	11,487	4,605	1,847	425	10,963	21,048
KINGS	50	0	161	432	2,793	465	0	825	384	18	114	871	2,331
LAKE	0	124	0	0	18	0	1	69	0	38	1	71	174
LASSEN	0	13	188	0	0	0	1	93	24	0	0	0	0
LOS ANGELES	0	4	150	48	0	0	10	165	25	2	6	172	158
MADERA	0	27	119	48	471	0	0	1,733	362	2	252	348	3,251
MARIN	0	0	0	0	0	0	0	0	0	0	0	0	0
MARIPOSA	0	0	0	0	0	0	0	1	0	5	0	0	0
MENDOCINO	0	17	20	0	21	0	5	215	0	26	2	138	176
MERCED	0	69	1,514	9	836	0	0	5,310	437	56	135	1,522	2,712
MODOC	0	2,007	445	0	1,206	0	0	0	349	0	0	371	43
MONO	0	0	128	2	0	0	0	0	14	0	0	0	0
MONTEREY	0	0	312	133	814	0	7	2,399	605	3	91	1,106	3,159
NAPA	0	24	23	0	11	0	16	189	0	0	10	45	252
NEVADA	0	5	0	0	0	0	0	43	0	0	0	0	54
ORANGE	0	42	10	75	79	0	59	818	50	0	4	28	688
PLACER	0	563	14	0	9	0	0	413	66	12	0	35	86
PLUMAS	0	0	0	0	0	0	0	0	0	0	0	0	1
RIVERSIDE	0	25	879	1,528	1,946	0	23	1,643	1,293	104	154	545	680
SACRAMENTO	0	564	308	66	115	0	10	606	102	42	0	194	946
SAN BENITO	0	0	4	0	22	0	0	106	8	0	13	58	91
SAN BERNARDINO	0	2	322	0	65	0	24	96	0	1	9	154	41
SAN DIEGO	4	48	330	47	2	0	137	311	10	276	123	1,532	316
SAN FRANCISCO	0	87	0	0	0	0	0	1	0	0	0	72	1
SAN JOAQUIN	26	5	99	195	260	0	12	5,488	1,325	1,422	5,315	12,271	7,121
SAN LUIS OBISPO	0	12	10	1	75	0	0	275	29	66	280	73	654
SAN MATEO	53	0	10	0	4	0	1,149	305	23	0	30	185	103
SANTA BARBARA	0	3	32	0	222	0	7	1,868	582	5	216	197	1,660
SANTA CLARA	0	0	0	0	114	0	62	1,265	0	0	2	38	565
SANTA CRUZ	0	0	13	0	1	0	30	259	0	0	55	128	135
SHASTA	0	643	496	70	0	4	1	87	385	115	4	1	45
SISKIYOU	0	1,496	557	0	386	0	0	262	837	0	3	538	177
SOLANO	81	1,088	101	14	266	0	0	3,655	4	66	9	39	337
SONOMA	0	229	5	0	39	0	14	539	0	6	33	318	686
STANISLAUS	0	36	583	0	1,421	0	0	3,952	2,612	796	163	5,398	6,861
SUTTER	85	1,717	1,105	0	1,347	0	0	1,777	426	2	175	1,245	718
TEHAMA	0	128	34	0	69	0	2	687	41	0	39	963	1,087
TULARE	0	0	1,328	267	1,227	0	0	4,023	1,456	313	888	2,202	4,987
VENTURA	0	300	362	213	849	0	19	4,610	170	29	313	811	876
YOLO	38	911	132	33	2,469	0	16	2,123	62	117	10	381	843
YUBA	71	889	142	0	102	0	0	908	351	0	46	67	277
** UNKNOWN **	12	0	1,526	362	5,919	0	0	1,006	53	6,565	0	945	608
TOTAL	3,166	19,335	24,237	17,010	37,145	469	1,613	80,022	22,536	12,896	9,904	58,875	85,936

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TONS OF AGRICULTURAL MINERALS - FARM USE

COUNTY	COPPER	IRON	GYPSUM	LIME	SEWAGE SLUDGE	SULFUR	SULFURIC ACID	OTHER SECONDARY/MICROS
ALAMEDA	0	28	7	25	0	21	0	125
AMADOR	0	0	0	295	0	7	0	6
BUTTE	7	14	4,382	837	0	810	4	2,855
CALAVERAS	0	0	619	77	0	17	0	2
COLUSA	53	1	14,244	2,350	0	82	418	2,090
CONTRA COSTA	0	6	98	39	0	477	0	137
DEL NORTE	0	0	0	7	0	0	0	157
EL DORADO	0	2	4	18	0	16	0	4
FRESNO	40	502	191,920	17,675	6,719	10,793	3,868	21,007
GLENN	4	0	5,531	1,452	0	768	0	1,243
HUMBOLDT	0	8	4	3	0	18	0	50
IMPERIAL	0	8	2,445	12,760	1	259	200	1,717
INYO	0	3	11	5	0	1	2	17
KERN	105	11,106	162,589	8,296	17,476	15,812	10,088	36,509
KINGS	4	2	20,072	1,540	10,287	3,223	36,117	3,471
LAKE	0	3	458	6	0	118	0	18
LASSEN	0	0	149	0	0	324	0	0
LOS ANGELES	1	123	375	46	221	59	981	594
MADERA	19	12	7,353	1,584	320	697	2,881	3,055
MARIN	0	1	49	0	0	30	0	0
MARIPOSA	0	0	5	0	5,108	0	0	0
MENDOCINO	1	3	133	84	0	3,669	0	159
MERCED	7	18	13,432	590	1,531	6,883	25	4,121
MODOC	0	0	477	12	930	429	71	867
MONO	0	0	0	148	0	4	29	0
MONTEREY	3	8	2,146	1,640	0	180	382	1,626
NAPA	0	1	1,198	636	0	11	0	887
NEVADA	0	1	3	3	0	0	0	6
ORANGE	0	250	315	27	14	40	0	334
PLACER	1	31	24	112	0	0	0	70
PLUMAS	0	0	0	0	0	0	0	2
RIVERSIDE	2	286	270	9	76	211	73	4,356
SACRAMENTO	1	45	1,586	2,105	1,005	598	0	5,159
SAN BENITO	0	4	484	73	0	23	21	120
SAN BERNARDINO	0	173	197	58	702	8	0	187
SAN DIEGO	6	468	1,835	54	0	5	97	967
SAN FRANCISCO	0	0	0	4	0	0	0	7
SAN JOAQUIN	5	76	12,699	9,380	291	9,124	630	18,194
SAN LUIS OBISPO	3	47	1,367	65,510	0	34	0	637
SAN MATEO	6	203	79	386	0	126	2	67
SANTA BARBARA	4	50	6,443	1,789	0	37	0	1,825
SANTA CLARA	0	85	1,050	303	0	13	3	735
SANTA CRUZ	1	17	1,896	2,239	0	0	8	465
SHASTA	7	5	1,461	5,149	0	225	0	12,455
SISKIYOU	0	0	1,083	12	0	955	71	1,538
SOLANO	1	12	551	575	407	109	0	75
SONOMA	0	15	4,099	2,087	0	58	0	1,167
STANISLAUS	5	18	13,806	4,991	0	7,293	152	5,559
SUTTER	52	1	1,810	263	0	178	0	1,850
TEHAMA	3	25	2,138	1,398	0	135	50	926
TRINITY	0	0	0	3	0	0	0	0
TULARE	45	136	34,518	10,558	0	2,802	10,301	7,973
TUOLUMNE	0	0	0	0	0	0	0	0
VENTURA	2	190	309	4	503	415	2,737	1,726
YOLO	2	1	5,563	860	0	386	0	17,723
YUBA	21	0	225	443	0	14	0	231
** UNKNOWN **	63	0	84,114	575	0	809	184	6,382
TOTAL	474	13,988	605,626	159,095	45,591	68,306	69,395	171,453

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TONS OF MATERIALS BY USE

COUNTY	FARM USE DRY PACKAGED	FARM USE DRY BULK	FARM USE LIQUID	FARM USE TOTAL	AG MIN DRY PACKAGED	AG MIN DRY BULK	AG MIN LIQUID	AG MIN TOTAL	NONFARM USE DRY PACKAGED	NONFARM USE DRY BULK	NONFARM USE LIQUID	NONFARM USE TOTAL	TOTAL ALL
ALAMEDA	638	187	329	1,154	97	88	21	206	9,795	137	604	10,536	11,690
AMADOR	65	432	219	716	3	295	10	308	418	0	0	418	1,134
BUTTE	3,300	36,900	60,481	100,681	626	6,744	1,539	8,909	2,773	2,813	221	5,807	106,488
CALAVERAS	619	214	97	930	619	78	18	715	49	0	0	49	979
COLUSA	3,271	32,580	85,718	121,569	1,135	15,948	2,155	19,238	121	1,471	0	1,592	123,161
CONTRA COSTA	429	9,004	5,547	14,980	32	242	483	757	7,919	518	137	8,574	23,554
DEL NORTE	125	634	319	1,078	13	151	0	164	441	0	1	442	1,520
EL DORADO	194	47	575	816	25	0	19	44	1,121	135	51	1,307	2,123
FRESNO	16,704	250,519	173,854	441,077	5,129	229,966	17,429	252,524	5,973	27,930	46	33,949	475,026
GLENN	3,945	21,375	43,805	69,125	126	8,285	587	8,998	152	1,243	6	1,401	70,526
HUMBOLDT	1,691	76	16	1,783	73	0	10	83	4,299	95	268	4,662	6,445
IMPERIAL	1,273	106,308	52,235	159,816	367	14,876	2,147	17,390	869	5,566	0	6,435	166,251
INYO	307	234	145	686	33	1	5	39	3,297	0	8,736	12,033	12,719
KERN	25,701	262,991	141,537	430,229	9,825	237,732	13,424	260,981	5,111	11,931	71	17,113	447,342
KINGS	2,005	38,620	84,003	124,628	409	35,702	38,605	74,716	793	3,636	4	4,433	129,061
LAKE	426	793	602	1,821	202	391	10	603	600	857	12	1,469	3,290
LASSEN	21	1,516	35	1,572	0	473	0	473	19	0	0	19	1,591
LOS ANGELES	5,610	521	2,133	8,264	1,083	294	1,023	2,400	39,529	16,171	412	56,112	64,376
MADERA	3,358	10,840	36,083	50,281	2,526	7,934	5,461	15,921	751	206	17	974	51,255
MARIN	86	83	5	174	31	49	0	80	1,790	5,136	92	7,018	7,192
MARIPOSA	11	5,108	0	5,119	5	5,108	0	5,113	1,795	0	0	1,795	6,914
MENDOCINO	5,132	287	273	5,692	3,904	117	28	4,049	33,519	69	16,776	50,364	56,056
MERCED	3,996	44,548	53,772	102,316	1,477	16,110	9,020	26,607	1,452	579	6	2,037	104,353
MODOC	212	9,683	1,302	11,197	11	2,701	74	2,786	2	0	0	2	11,199
MONO	0	500	36	536	0	152	29	181	40	0	1	41	577
MONTEREY	2,875	13,765	40,480	57,120	843	4,015	1,127	5,985	4,766	23,093	40	27,899	85,019
NAPA	622	2,338	883	3,843	179	2,166	388	2,733	556	609	3	1,168	5,011
NEVADA	94	18	196	308	10	0	3	13	121,699	1,360	35,462	158,521	158,829
ORANGE	7,215	434	2,487	10,136	878	65	37	980	19,471	20,386	577	40,434	50,570
PLACER	578	1,170	3,267	5,015	91	135	12	238	7,107	109	92	7,308	12,323
PLUMAS	4	23	0	27	2	0	0	2	41	0	0	41	68
RIVERSIDE	8,758	7,734	26,465	42,957	861	509	3,913	5,283	81,017	16,262	248	97,527	140,484
SACRAMENTO	3,228	12,097	8,974	24,299	804	8,860	835	10,499	14,791	28,991	422	44,204	68,503
SAN BENITO	196	5,163	2,017	7,376	71	538	116	725	82	69	0	151	7,527
SAN BERNARDINO	1,904	1,452	296	3,652	534	755	36	1,325	22,272	56,631	974	79,877	83,529
SAN DIEGO	27,860	7,396	1,338	36,594	1,776	1,347	170	3,293	19,611	12,195	108	31,914	68,508
SAN FRANCISCO	89	104	168	361	4	0	7	11	426	3	134	563	924
SAN JOAQUIN	26,990	96,973	160,861	284,824	7,704	30,908	11,787	50,399	31,555	4,340	461	36,356	321,180
SAN LUIS OBISPO	1,991	33,983	4,339	40,313	713	33,731	404	34,848	2,733	32,760	33,644	69,137	109,450
SAN MATEO	3,090	980	141	4,211	575	289	5	869	4,534	1,192	70	5,796	10,007
SANTA BARBARA	4,200	10,461	17,712	32,373	1,024	8,127	997	10,148	2,690	798	29	3,517	35,890
SANTA CLARA	2,604	8,429	1,252	12,285	704	1,380	105	2,189	12,015	151	88	12,254	24,539
SANTA CRUZ	1,551	9,503	1,818	12,872	325	4,188	113	4,626	4,923	48	72	5,043	17,915
SHASTA	445	26,180	978	27,603	154	19,097	51	19,302	2,061	0	56	2,117	29,720
SISKIYOU	284	12,408	766	13,458	47	3,540	72	3,659	389	0	2	391	13,849
SOLANO	665	4,966	11,839	17,470	411	1,253	66	1,730	5,091	53	66	5,210	22,680
SONOMA	2,068	7,108	2,019	11,195	581	6,543	302	7,426	5,576	18,525	854	24,955	36,150
STANISLAUS	6,904	37,546	83,299	127,749	3,362	17,543	10,919	31,824	4,375	1,310	54	5,739	133,488
SUTTER	1,324	20,315	48,288	69,927	516	2,585	1,053	4,154	1,054	272	17	1,343	71,270
TEHAMA	637	9,224	4,237	14,098	30	4,252	393	4,675	5,993	2	83	6,078	20,176
TRINITY	3	0	0	3	3	0	0	3	1,382	0	159	1,541	1,544
TULARE	10,720	69,438	62,716	142,874	3,331	47,944	15,058	66,333	10,270	2,091	217	12,578	155,452
TUOLUMNE	0	4	0	4	0	0	0	0	2,030	0	4	2,034	2,038
VENTURA	7,971	4,771	76,537	89,279	799	975	4,112	5,886	5,053	197	31	5,281	94,560
YOLO	968	32,873	43,126	76,967	523	23,410	602	24,535	5,247	0	23	5,270	82,237
YUBA	225	5,048	11,524	16,797	58	708	168	934	378	52	66	496	17,293
** UNKNOWN **	4,130	91,313	89,114	184,557	408	85,498	6,221	92,127	189,014	4,248	57,604	250,866	435,423
TOTAL	209,312	1,367,217	1,450,258	3,026,787	55,072	893,798	151,169	1,100,039	710,830	304,240	159,121	1,174,191	4,200,978

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TONS OF NUTRIENTS BY FORM - INCLUDES FARM AND NONFARM

COUNTY	ALL NITROGEN	ALL P205	ALL K2O	ALL TOTAL	DRY NITROGEN	DRY P205	DRY K20	DRY TOTAL	LIQUID NITROGEN	LIQUID P2O5	LIQUID K2O	LIQUID TOTAL
ALAMEDA	570	38	32	639	481	38	28	546	89	0	4	93
AMADOR	95	123	55	273	58	39	51	148	37	84	4	125
BUTTE	18,504	4,653	6,826	29,983	5,706	2,485	6,414	14,604	12,798	2,168	412	15,378
CALAVERAS	49	1	7	56	31	0	5	36	18	1	2	21
COLUSA	23,255	6,155	3,297	32,707	3,967	3,624	1,756	9,347	19,288	2,531	1,541	23,360
CONTRA COSTA	10,671	185	211	11,068	8,808	37	30	8,875	1,863	149	181	2,192
DEL NORTE	144	88	66	298	81	88	66	234	64	0	0	64
EL DORADO	171	29	23	223	61	18	20	99	111	11	3	124
FRESNO	55,812	11,098	16,825	83,735	14,896	3,647	4,292	22,835	40,916	7,451	12,533	60,900
GLENN	13,635	3,462	5,081	22,178	2,899	2,526	4,354	9,779	10,737	936	727	12,400
HUMBOLDT	602	434	538	1,575	602	431	538	1,571	0	3	0	3
IMPERIAL	83,990	8,680	649	93,320	70,216	2,247	413	72,876	13,775	6,432	236	20,443
INYO	184	82	22	288	137	75	22	235	47	7	0	54
KERN	43,809	18,935	30,061	92,805	11,221	5,582	12,958	29,760	32,589	13,353	17,103	63,045
KINGS	16,111	2,423	3,154	21,688	2,031	517	1,030	3,579	14,080	1,905	2,123	18,109
LAKE	276	100	218	595	150	87	160	398	126	13	58	197
LASSEN	271	194	14	479	259	194	14	467	12	0	0	12
LOS ANGELES	4,057	279	264	4,600	3,736	123	199	4,058	321	156	65	542
MADERA	9,925	1,993	3,757	15,674	1,762	278	559	2,599	8,162	1,715	3,198	13,076
MARIN	63	0	0	63	62	0	0	62	2	0	0	2
MARIPOSA	306	103	52	462	306	103	52	462	0	0	0	0
MENDOCINO	893	238	252	1,383	765	231	248	1,244	128	7	4	139
MERCED	23,270	6,431	3,822	33,523	10,619	1,488	1,925	14,033	12,651	4,943	1,897	19,491
MODOC	1,927	1,061	447	3,435	1,616	796	447	2,858	311	266	0	577
MONO	64	68	8	140	63	67	8	138	2	1	0	3
MONTEREY	19,473	2,913	4,116	26,502	6,876	351	1,401	8,629	12,597	2,562	2,714	17,873
NAPA	296	217	279	792	158	137	161	456	138	80	118	336
NEVADA	87	44	54	185	46	44	5	95	40	0	49	89
ORANGE	5,909	926	734	7,569	5,060	262	259	5,580	849	664	475	1,989
PLACER	1,269	536	146	1,951	627	410	142	1,179	642	126	4	772
PLUMAS	6	0	1	7	6	0	1	7	0	0	0	0
RIVERSIDE	13,978	3,691	1,820	19,489	6,517	888	1,331	8,736	7,461	2,803	489	10,753
SACRAMENTO	4,991	978	1,123	7,093	2,513	613	583	3,710	2,478	366	540	3,384
SAN BENITO	5,160	116	131	5,406	4,535	20	78	4,632	625	96	53	773
SAN BERNARDINO	1,016	311	129	1,456	937	264	127	1,328	78	47	2	128
SAN DIEGO	17,554	583	1,203	19,340	17,274	466	1,159	18,899	280	117	44	441
SAN FRANCISCO	98	18	37	153	41	18	37	97	56	0	0	56
SAN JOAQUIN	65,077	5,757	16,706	87,540	18,947	1,219	12,374	32,540	46,130	4,539	4,332	55,000
SAN LUIS OBISPO	1,414	309	846	2,568	451	180	239	869	963	129	607	1,699
SAN MATEO	1,328	864	223	2,415	1,289	863	221	2,372	39	1	2	42
SANTA BARBARA	7,065	1,964	2,204	11,233	2,715	863	1,140	4,718	4,350	1,100	1,064	6,514
SANTA CLARA	7,272	1,332	585	9,189	6,937	1,203	502	8,642	335	130	83	547
SANTA CRUZ	2,363	280	223	2,866	1,846	64	141	2,051	517	216	82	815
SHASTA	2,498	513	304	3,315	2,089	419	276	2,784	409	94	28	531
SISKIYOU	2,732	982	950	4,664	2,435	868	947	4,250	298	114	2	414
SOLANO	4,738	4,069	381	9,188	993	442	139	1,574	3,745	3,627	242	7,614
SONOMA	1,112	607	861	2,580	681	362	507	1,549	432	245	354	1,031
STANISLAUS	27,076	4,746	11,374	43,196	4,875	907	6,408	12,190	22,201	3,838	4,966	31,005
SUTTER	14,642	3,192	1,674	19,507	4,548	1,998	1,336	7,882	10,094	1,194	338	11,626
TEHAMA	2,411	755	1,610	4,776	1,139	532	1,263	2,935	1,272	222	347	1,842
TULARE	27,574	5,275	7,421	40,270	12,034	2,137	3,722	17,893	15,540	3,138	3,699	22,377
TUOLUMNE	1	0	0	1	1	0	0	1	0	0	0	0
VENTURA	27,879	5,281	1,533	34,692	3,833	4,068	764	8,665	24,046	1,213	768	26,027
YOLO	14,265	3,256	1,101	18,622	2,944	493	347	3,784	11,320	2,763	754	14,838
YUBA	4,853	1,227	541	6,622	677	999	487	2,163	4,177	228	54	4,459
** UNKNOWN **	26,583	4,013	2,557	33,153	2,112	1,805	1,112	5,029	24,471	2,208	1,444	28,124
TOTAL	619,376	121,607	136,546	877,530	255,668	47,613	72,799	376,079	363,709	73,994	63,747	501,450

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TONS OF NITROGEN MATERIALS - FARM USE

COUNTY	ANHYDROUS AMMONIA	AQUA AMMONIA	AMMONIUM NITRATE	AMMONIUM NITRATE SOLUTION	AMMONIUM POLYSULFATE	AMMONIUM SULFATE	AMMONIUM THIOSULFATE	BLOOD MEAL	CALCIUM AMMONIUM NITRATE	CALCIUM NITRATE	NITROGEN SOLUTION 28%	NITROGEN SOLUTION 32%	SODIUM NITRATE	SULFUR COATED UREA	UREA	UREA SOLUTION	NITROGEN MATERIALS - ALL OTHER
ALAMEDA	0	30	0	0	0	80	339	0	20	0	0	254	0	0	0	0	647
AMADOR	0	0	0	0	0	71	3	0	3	0	0	76	0	0	81	0	75
BUTTE	0	41,419	0	0	0	19,402	1,344	0	1,497	57	113	11,580	0	3	2,679	0	2,827
CALAVERAS	0	0	0	0	0	125	3	0	41	0	0	38	0	0	16	0	8
COLUSA	1,159	54,807	0	183	0	11,483	416	0	9,589	48	28	18,361	1	0	2,680	105	3,497
CONTRA COSTA	2,193	277	7	0	0	332	471	0	444	114	0	2,921	0	0	269	0	9,046
DEL NORTE	0	319	0	0	0	10	0	0	0	25	0	0	0	0	12	0	121
EL DORADO	0	494	0	0	0	55	0	0	36	82	0	49	0	0	8	0	57
FRESNO	2,650	3,820	0	147	0	3,567	23,062	0	50,322	2,282	24	90,243	6	174	4,939	692	36,526
GLENN	1,580	30,940	0	0	0	7,239	592	0	2,328	44	61	10,023	0	0	639	0	2,811
HUMBOLDT	0	0	0	0	0	8	0	0	0	96	0	0	0	0	6	0	638
IMPERIAL	494	0	3,166	9,861	599	713	58	76	8,540	50	222	45,880	49	0	41,532	1,632	75,391
INYO	0	0	0	0	0	232	0	2	101	8	0	207	0	3	106	15	59
KERN	3,343	585	0	304	509	2,268	8,158	0	223,916	3,967	3	80,236	0	0	4,530	545	23,079
KINGS	9,041	4	0	82	0	241	1,390	62	4,576	2,032	16	40,434	42	0	3,164	11	3,906
LAKE	0	0	0	0	0	112	0	0	454	14	0	145	0	0	126	0	129
LASSEN	0	0	0	0	0	476	0	0	83	0	0	39	0	0	281	0	19
LOS ANGELES	0	39	0	250	0	806	158	0	108	104	0	300	0	0	489	0	4,852
MADERA	93	377	0	85	0	716	3,513	0	4,916	3,825	23	17,942	0	0	911	506	5,586
MARIN	0	0	0	0	0	34	0	0	0	0	0	5	0	0	5	0	58
MARIPOSA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MENDOCINO	0	0	0	29	0	28	0	4	88	7	0	35	0	0	25	0	914
MERCED	516	300	0	82	55	3,084	9,154	0	13,017	427	34	20,359	0	1	2,027	14	28,444
MODOC	250	0	0	0	40	1,323	639	0	329	0	0	878	0	0	1,880	65	51
MONO	0	0	0	0	0	270	0	0	0	0	0	-16	0	0	53	0	0
MONTEREY	0	0	7	20,433	0	2,978	2,037	10	16,268	560	0	10,055	0	0	1,384	580	22,369
NAPA	3	0	0	0	0	44	0	1	132	261	0	22	0	0	16	0	975
NEVADA	0	117	0	0	0	26	32	4	0	0	0	80	0	0	10	0	71
ORANGE	0	0	695	162	0	693	3	1	427	87	0	389	28	4	284	5	7,302
PLACER	0	2,919	0	0	0	449	0	0	27	2	0	139	0	0	173	0	699
PLUMAS	0	0	0	0	0	44	0	0	0	0	0	0	0	0	0	0	6
RIVERSIDE	2,854	23	0	5,110	53	1,904	121	25	7,158	908	0	9,231	0	0	2,165	199	11,764
SACRAMENTO	802	3,024	0	0	0	1,112	79	0	970	858	0	3,323	0	0	814	0	2,928
SAN BENITO	0	0	0	65	0	242	0	16	1,917	57	0	244	0	0	4	0	7,397
SAN BERNARDINO	0	0	0	3	0	200	28	2	39	229	21	138	0	0	219	6	1,059
SAN DIEGO	5	0	74	405	0	880	83	3	3,615	25,934	92	364	0	0	4,756	25	15,952
SAN FRANCISCO	23	49	0	0	0	75	8	0	0	0	0	80	0	0	1	0	33
SAN JOAQUIN	754	2,178	301	34	0	14,433	2,504	0	75,418	29,753	141	109,759	727	0	31,418	23	23,391
SAN LUIS OBISPO	0	102	0	1,211	0	638	737	0	568	1,540	6	1,963	0	13	271	356	1,279
SAN MATEO	0	91	12	0	0	68	11	0	0	56	0	21	0	0	35	0	1,582
SANTA BARBARA	18	0	0	8,153	0	543	1,498	0	1,268	1,008	64	11,994	0	0	143	2,499	6,595
SANTA CLARA	10	0	6	5	0	311	9	0	319	274	0	407	16	0	249	0	8,031
SANTA CRUZ	0	0	7	0	0	499	41	55	527	374	0	282	0	0	110	4,963	5,745
SHASTA	662	0	3	27	0	7,347	3	0	74	22	0	553	0	0	5,770	14	5,621
SISKIYOU	312	0	3	0	27	2,034	391	0	485	0	0	785	0	0	2,475	65	869
SOLANO	3,470	2,648	0	302	0	3,168	28	0	1,020	14	0	4,504	24	0	1,233	0	1,815
SONOMA	0	63	7	116	0	637	0	16	579	461	0	133	0	0	20	0	4,583
STANISLAUS	1,131	57	0	1,353	678	7,392	1,877	1	28,797	1,223	1	38,426	0	2	2,787	0	15,068
SUTTER	262	38,625	0	136	0	11,369	325	50	2,804	731	622	7,126	28	0	1,817	0	2,846
TEHAMA	0	525	0	0	0	2,339	28	0	439	119	4	2,357	0	0	521	0	1,376
TULARE	4,572	66	0	86	245	4,101	3,858	0	7,547	2,173	633	36,906	479	0	5,483	1,164	31,957
TUOLUMNE	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	1
VENTURA	0	0	2	4,478	0	3,917	637	0	82,287	318	1	54,555	0	1	6,556	70	19,170
YOLO	742	21,429	0	126	0	6,282	1,576	0	9,633	54	0	12,848	71	0	5,202	0	4,044
YUBA	2,692	7,490	0	0	0	2,088	67	0	258	123	160	2,269	5	0	472	0	305
** UNKNOWN **	2,739	2,357	1,106	0	0	2,007	215	0	1	0	1,879	62,999	0	0	6,561	90	1,689
TOTAL	42,370	215,174	5,396	53,228	2,206	130,499	65,496	328	562,985	80,321	4,148	711,941	1,476	201	147,407	13,644	405,264

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COUNTY	DIAMMONIUM PHOSPHATE	AMMONIUM PHOSPHATE SULFATE	MONOAMMONIUM PHOSPHATE	PHOSPHORIC ACID	LIQUID AMMONIUM POLYPHOSPHATE	NORMAL SUPERPHOSPHATE	TRIPLE SUPERPHOSPHATE	PHOSPHORUS MATERIALS - ALL OTHER	MURIATE OF POTASH	SULFATE OF POTASH MAGNESIA	POTASSIUM NITRATE	POTASSIUM SULFATE	POTASSIUM MATERIALS - ALL OTHER
ALAMEDA	0	40	0	0	8	0	2	201	21	3	1	85	156
AMADOR	0	0	0	0	48	0	0	127	5	0	0	30	52
BUTTE	0	2,483	2,900	0	3,209	0	6	2,502	4,867	978	169	9,977	2,483
CALAVERAS	0	0	0	0	0	0	0	8	31	0	0	0	7
COLUSA	2,649	2,859	2,611	0	2,623	0	2	3,015	104	7	62	2,927	2,701
CONTRA COSTA	0	48	0	3	1,384	0	0	376	61	0	10	33	414
DEL NORTE	0	436	0	23	0	0	1	107	0	0	0	112	91
EL DORADO	0	24	1	0	28	0	3	34	0	0	10	4	33
FRESNO	303	180	5,613	717	6,249	0	24	41,085	1,847	725	867	11,199	43,449
GLENN	62	2,459	859	0	111	0	0	3,385	1,000	0	91	7,571	3,492
HUMBOLDT	0	15	0	6	0	0	0	486	0	2	59	0	555
IMPERIAL	0	1	17,375	4,751	4,163	0	0	18,691	549	296	89	1,381	11,102
INYO	0	0	143	0	0	0	1	24	2	4	10	7	21
KERN	2	454	3,980	10,479	7,936	0	2	33,409	5,490	2,491	1,649	20,285	41,628
KINGS	111	136	408	746	8,628	465	0	3,681	1,079	31	137	1,437	4,678
LAKE	0	128	4	0	18	19	66	77	0	39	2	115	180
LASSEN	0	13	238	0	0	0	1	93	24	0	0	0	0
LOS ANGELES	0	20	175	48	18	0	26	1,228	25	2	47	541	960
MADERA	0	35	160	108	781	0	0	8,889	464	52	314	3,592	34,716
MARIN	0	0	0	0	0	0	0	4	0	0	0	0	3
MARIPOSA	0	0	0	0	0	0	0	2	0	5	0	0	1
MENDOCINO	0	17	24	0	23	0	8	278	0	26	2	229	224
MERCED	0	136	2,356	40	1,137	0	2	42,581	3,112	288	361	4,189	12,395
MODOC	0	2,353	840	0	1,272	0	0	40	373	0	0	429	73
MONO	0	0	242	2	0	0	0	0	36	0	0	0	0
MONTEREY	0	5	837	341	1,149	0	13	12,171	758	3	122	3,326	10,413
NAPA	0	59	72	0	21	0	54	1,659	0	0	28	459	1,568
NEVADA	0	14	21	0	0	0	0	58	27	0	0	0	65
ORANGE	0	120	10	77	79	0	131	11,764	76	0	11	38	11,303
PLACER	0	704	16	0	17	0	0	555	66	12	0	67	193
PLUMAS	0	0	0	0	0	0	0	5	0	0	0	0	5
RIVERSIDE	2	72	3,459	2,087	3,480	0	47	8,966	1,590	177	283	671	7,278
SACRAMENTO	0	851	369	66	120	0	54	1,242	189	187	0	658	1,426
SAN BENITO	0	0	29	0	22	0	0	2,526	8	4	13	61	1,834
SAN BERNARDINO	0	5	422	0	66	0	26	355	0	1	9	243	241
SAN DIEGO	42	117	332	200	2	0	170	2,247	18	625	236	2,514	1,777
SAN FRANCISCO	0	87	0	0	0	0	0	6	0	0	0	73	4
SAN JOAQUIN	26	548	204	195	1,806	0	19	13,384	3,365	1,967	8,967	31,634	13,080
SAN LUIS OBISPO	0	37	47	1	141	0	0	817	32	195	492	242	1,063
SAN MATEO	70	0	16	0	4	0	1,461	592	23	0	30	355	319
SANTA BARBARA	0	8	77	64	438	0	7	6,230	807	9	486	490	5,366
SANTA CLARA	0	21	0	0	156	0	75	2,199	1	25	3	121	1,270
SANTA CRUZ	1	0	13	0	1	0	69	6,446	3	0	60	250	5,299
SHASTA	0	990	988	70	0	4	1	7,581	385	600	10	1	6,389
SISKIYOU	0	1,982	878	0	469	0	0	435	1,068	0	3	596	307
SOLANO	253	1,800	829	41	1,976	0	116	4,586	742	66	16	311	1,040
SONOMA	0	922	18	0	67	0	33	9,762	32	68	59	644	9,154
STANISLAUS	0	62	879	0	1,796	0	0	8,796	5,856	1,756	294	14,145	10,830
SUTTER	319	2,628	1,391	0	1,425	0	0	2,006	884	2	232	1,659	891
TEHAMA	0	260	42	0	77	0	2	983	96	0	43	1,945	1,310
TULARE	0	0	1,328	267	1,227	0	0	4,023	1,456	313	888	2,202	4,987
TUOLUMNE	24	0	1,585	169	351	0	0	17,812	1,131	433	245	2,841	13,443
VENTURA	0	300	362	213	849	0	19	15,476	170	29	313	811	11,853
YOLO	38	1,502	196	172	3,535	0	137	9,824	216	143	234	67,066	6,881
YUBA	121	1,215	535	0	649	0	5	2,090	403	34	53	325	1,294
** UNKNOWN **	20	146	1,533	362	5,916	0	0	1,105	91	6,565	29	1,306	683
TOTAL	4,043	26,292	54,417	21,248	63,475	488	2,583	316,024	38,583	18,163	17,039	199,197	290,980

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COUNTY	COPPER	IRON	GYPSUM	LIME	SEWAGE SLUDGE	SULFUR	SULFURIC ACID	OTHER SECONDARY/MICROS
ALAMEDA	0	44	328	75	20	21	3	263
AMADOR	0	0	135	322	0	16	0	16
BUTTE	7	22	6,741	2,447	0	948	53	3,371
CALAVERAS	0	0	1,130	152	0	79	0	2
COLUSA	53	1	25,146	13,019	0	352	418	2,915
CONTRA COSTA	0	6	958	58	0	849	0	275
DEL NORTE	0	0	6	11	0	0	0	165
EL DORADO	0	3	27	26	0	38	0	8
FRESNO	57	739	678,340	41,284	11,080	27,812	5,935	41,860
GLENN	4	1	6,369	7,818	0	1,174	0	1,439
HUMBOLDT	0	8	4	4,495	0	18	0	50
IMPERIAL	11	118	3,326	33,834	1	957	419	3,978
INYO	0	9	18	12	0	1	2	104
KERN	174	11,268	419,758	15,937	22,078	30,873	15,734	64,816
KINGS	6	2	89,669	4,863	40,841	8,627	64,689	8,918
LAKE	0	3	526	105	0	159	0	20
LASSEN	0	0	324	0	0	420	0	48
LOS ANGELES	2	220	656	56	846	104	1,275	1,119
MADERA	41	13	19,393	2,616	5,686	3,281	5,179	4,832
MARIN	0	1	49	3	0	30	0	20
MARIPOSA	0	0	5	0	7,289	8	0	1
MENDOCINO	1	3	927	124	0	4,763	0	217
MERCED	9	22	44,988	5,913	23,965	12,414	98	20,093
MODOC	0	0	1,864	490	2,735	743	149	1,538
MONO	0	0	0	148	0	7	78	0
MONTEREY	10	12	7,745	32,699	0	1,131	861	2,559
NAPA	0	1	3,747	1,751	0	44	0	2,837
NEVADA	0	1	17	3	0	0	0	7
ORANGE	0	397	659	61	34	118	0	446
PLACER	1	37	462	253	0	0	0	83
PLUMAS	0	0	0	0	0	0	0	2
RIVERSIDE	2	650	1,860	224	10,288	419	81	7,666
SACRAMENTO	2	67	2,979	2,460	2,469	1,406	25	11,902
SAN BENITO	0	5	4,208	80	0	84	21	136
SAN BERNARDINO	1	188	363	289	1,207	16	0	454
SAN DIEGO	8	736	3,920	111	0	42	97	2,757
SAN FRANCISCO	0	0	0	4	0	0	0	22
SAN JOAQUIN	5	83	31,304	25,043	291	47,414	1,014	21,869
SAN LUIS OBISPO	4	56	1,641	142,390	0	62	0	1,685
SAN MATEO	6	211	115	461	0	183	2	73
SANTA BARBARA	5	70	20,518	6,312	0	126	37	3,322
SANTA CLARA	0	123	2,575	328	0	24	7	967
SANTA CRUZ	1	17	6,054	3,323	0	376	12	1,714
SHASTA	7	6	2,300	11,488	0	721	0	12,489
SISKIYOU	0	0	2,642	493	0	1,426	223	2,321
SOLANO	1	12	7,802	2,455	1,405	877	0	102
SONOMA	0	16	5,955	4,959	0	76	0	2,343
STANISLAUS	9	21	54,061	13,319	0	9,776	367	19,908
SUTTER	52	1	4,445	1,335	0	611	0	2,163
TEHAMA	3	25	4,411	4,770	0	135	50	977
TRINITY	0	0	0	3	0	0	0	0
TULARE	492	159	88,185	177,034	115	12,168	17,387	14,016
TUOLUMNE	0	0	0	1	0	0	0	0
VENTURA	2	263	3,265	727	922	916	487,478	2,345
YOLO	2	4	16,165	13,427	0	1,071	0	34,711
YUBA	21	0	1,163	594	0	22	0	441
** UNKNOWN **	63	0	84,478	1,800	0	814	184	6,665
TOTAL	1,062	15,644	1,663,726	582,005	131,272	173,752	601,878	313,050

STATE OF CALIFORNIA - DEPARTMENT OF FOOD AND AGRICULTURE
TONNAGE REPORT OF COMMERICAL FERTILIZERS AND AGRICULTURAL MINERALS
JULY 2012 - JUNE 2013
TONS OF MATERIALS BY USE

COUNTY	FARM USE DRY PACKAGED	FARM USE DRY BULK	FARM USE LIQUID	FARM USE TOTAL	AG MIN DRY PACKAGED	AG MIN DRY BULK	AG MIN LIQUID	AG MIN TOTAL	NONFARM USE DRY PACKAGED	NONFARM USE DRY BULK	NONFARM USE LIQUID	NONFARM USE TOTAL	TOTAL ALL
ALAMEDA	1,109	227	774	2,110	303	319	156	778	13,094	147	1,237	14,478	17,160
AMADOR	67	544	268	879	8	458	23	489	537	0	0	537	1,597
BUTTE	4,158	51,771	63,348	119,277	896	10,933	1,763	13,592	3,559	10,373	235	14,167	138,113
CALAVERAS	619	260	113	992	1,130	174	59	1,363	64	0	1	65	1,705
COLUSA	4,452	41,859	95,206	141,517	1,975	37,099	2,830	41,904	164	3,093	0	3,257	167,440
CONTRA COSTA	813	9,414	8,942	19,169	67	1,271	831	2,169	11,742	730	240	12,712	33,293
DEL NORTE	436	643	342	1,421	31	151	0	182	533	0	3	536	1,975
EL DORADO	244	81	636	961	60	0	42	102	1,547	203	85	1,835	2,854
FRESNO	25,100	280,128	240,527	545,755	11,620	768,932	30,093	810,645	8,490	34,863	78	43,431	1,147,307
GLENN	5,034	30,153	49,123	84,310	206	15,874	725	16,805	152	2,858	16	3,026	95,143
HUMBOLDT	1,856	82	16	1,954	238	4,491	10	4,739	20,444	1,354	460	22,258	28,868
IMPERIAL	2,349	171,579	90,144	264,072	2,094	36,397	5,116	43,607	1,429	5,566	51	7,046	297,335
INYO	419	340	225	984	90	2	54	146	3,299	0	8,736	12,035	13,126
KERN	34,531	278,813	396,022	709,366	14,906	546,690	25,409	587,005	6,930	19,028	84	26,042	1,061,431
KINGS	3,565	42,757	113,566	159,888	753	148,038	68,828	217,619	1,023	4,505	4	5,532	308,323
LAKE	549	929	753	2,231	311	490	12	813	645	1,344	20	2,009	4,450
LASSEN	21	1,685	35	1,741	0	792	0	792	19	0	0	19	2,079
LOS ANGELES	8,959	758	2,933	12,650	2,018	927	1,367	4,312	68,004	39,061	921	107,986	122,548
MADERA	4,995	16,008	47,078	68,081	3,140	27,363	10,604	41,107	988	1,582	20	2,590	95,857
MARIN	101	83	5	189	45	49	9	103	2,633	9,148	199	11,980	12,192
MARIPOSA	11	5,110	0	5,121	5	7,297	1	7,303	1,795	0	0	1,795	9,106
MENDOCINO	5,401	294	315	6,010	5,116	888	31	6,035	34,333	69	16,943	51,345	59,341
MERCED	5,421	80,563	72,981	158,965	10,479	96,588	12,514	119,581	1,884	1,854	7	3,745	255,684
MODOC	906	10,243	2,472	13,621	234	7,101	184	7,519	134	0	0	134	18,488
MONO	0	728	40	768	0	155	78	233	40	0	1	41	861
MONTEREY	9,665	30,650	69,429	109,744	1,843	41,063	2,184	45,090	7,317	45,551	49	52,917	201,766
NAPA	890	4,606	1,010	6,506	253	7,728	399	8,380	828	827	4	1,659	13,812
NEVADA	132	111	317	560	25	0	3	28	121,850	2,862	35,478	160,190	160,765
ORANGE	11,336	599	4,279	16,214	2,386	172	41	2,599	34,512	35,043	898	70,453	88,286
PLACER	909	1,789	3,593	6,291	145	729	13	887	9,844	275	176	10,295	17,235
PLUMAS	8	44	10	62	2	0	0	2	41	0	0	41	103
RIVERSIDE	15,320	12,500	41,932	69,752	1,619	12,525	7,071	21,215	151,031	29,714	1,445	182,190	267,874
SACRAMENTO	4,305	14,205	11,129	29,639	1,253	18,898	1,243	21,394	20,618	29,906	830	51,354	91,879
SAN BENITO	211	10,992	3,782	14,985	579	3,822	133	4,534	88	71	0	159	18,953
SAN BERNARDINO	2,509	1,721	662	4,892	953	1,491	74	2,518	34,494	110,100	1,862	146,456	152,541
SAN DIEGO	34,929	26,248	2,647	63,824	5,208	2,912	254	8,374	37,129	18,310	186	55,625	124,530
SAN FRANCISCO	102	179	169	450	19	0	7	26	682	3	244	929	1,394
SAN JOAQUIN	42,489	143,948	230,848	417,285	8,753	101,241	17,257	127,251	48,899	10,287	708	59,894	554,031
SAN LUIS OBISPO	2,997	34,522	9,161	46,680	1,442	111,064	627	113,133	3,816	32,851	33,654	70,321	195,286
SAN MATEO	4,136	1,271	211	5,618	1,066	294	7	1,367	8,191	1,472	136	9,799	15,915
SANTA BARBARA	7,953	13,367	33,355	54,675	1,343	26,419	2,997	30,759	5,034	1,954	43	7,031	82,317
SANTA CLARA	4,038	9,865	1,838	15,741	1,319	2,587	123	4,029	18,038	428	157	18,623	36,204
SANTA CRUZ	2,621	20,526	2,334	25,481	441	44,487	217	45,145	8,300	120	135	8,555	74,555
SHASTA	736	48,637	1,627	51,000	222	26,737	52	27,011	2,592	0	92	2,684	61,393
SISKIYOU	860	13,722	2,261	16,843	280	6,556	269	7,105	488	0	3	491	20,780
SOLANO	1,252	10,018	20,472	31,742	583	11,978	98	12,659	7,156	736	93	7,985	50,656
SONOMA	2,682	17,885	2,375	22,942	1,160	12,085	352	13,597	7,792	22,508	1,710	32,010	61,123
STANISLAUS	9,205	56,227	107,156	172,588	4,620	76,172	16,671	97,463	5,833	4,635	173	10,641	248,868
SUTTER	1,568	28,528	55,217	85,313	824	6,292	1,504	8,620	1,369	2,563	23	3,955	93,734
TEHAMA	710	11,297	5,429	17,436	48	9,921	402	10,371	7,813	2	114	7,929	31,061
TRINITY	3	0	0	3	3	0	0	3	1,392	0	162	1,554	1,557
TULARE	14,015	124,038	82,383	220,436	6,976	115,207	187,449	309,632	14,199	9,564	354	24,117	487,852
TUOLUMNE	0	4	2	6	0	1	0	1	2,176	0	4	2,180	2,187
VENTURA	89,583	9,746	167,891	267,220	1,501	4,258	490,282	496,041	10,488	1,984	51	12,523	769,898
YOLO	1,329	39,715	56,227	97,271	736	63,592	1,052	65,380	6,652	173	37	6,862	144,978
YUBA	276	7,056	13,648	20,980	188	1,833	220	2,241	411	54	68	533	22,820
** UNKNOWN **	4,288	101,024	89,517	194,829	408	87,332	6,438	94,178	305,208	4,250	135,093	444,551	641,431
TOTAL	382,173	1,820,092	2,206,775	4,409,040	101,923	2,509,875	898,178	3,509,976	1,067,763	502,021	243,323	1,813,107	8,632,060

STATE OF CALIFORNIA - DEPARTMENT OF FOOD AND AGRICULTURE
TONNAGE REPORT OF COMMERCIAL FERTILIZERS AND AGRICULTURAL MINERALS
JULY 2012 - JUNE 2013
TONS OF NUTRIENTS BY FORM

COUNTY	ALL NITROGEN	ALL P205	ALL K2O	ALL TOTAL	DRY NITROGEN	DRY P205	DRY K20	DRY TOTAL	LIQUID NITROGEN	LIQUID P2O5	LIQUID K2O	LIQUID TOTAL
ALAMEDA	675	97	125	896	531	84	113	727	144	13	12	169
AMADOR	141	129	60	330	96	43	54	192	45	87	6	138
BUTTE	21,286	5,001	10,157	36,444	7,765	2,801	9,730	20,295	13,521	2,200	427	16,148
CALAVERAS	56	3	22	80	35	1	20	56	21	2	3	26
COLUSA	27,823	6,741	4,019	38,583	6,136	3,924	2,401	12,461	21,687	2,818	1,617	26,122
CONTRA COSTA	12,110	662	323	13,096	8,936	85	114	9,135	3,174	578	209	3,960
DEL NORTE	183	133	91	406	120	121	91	330	64	12	0	76
EL DORADO	197	36	28	261	74	24	25	123	124	12	3	138
FRESNO	75,497	18,321	24,181	117,998	19,692	8,010	10,006	37,709	55,804	10,311	14,174	80,290
GLENN	15,759	3,878	7,531	27,169	3,870	2,884	6,772	13,526	11,890	994	760	13,644
HUMBOLDT	623	451	551	1,627	623	448	551	1,623	0	3	0	3
IMPERIAL	105,831	21,573	4,578	131,982	82,772	13,183	3,922	99,877	23,060	8,389	656	32,105
INYO	258	94	28	381	186	87	28	302	73	7	0	80
KERN	92,197	24,310	37,385	153,892	13,606	8,021	19,149	40,775	78,592	16,289	18,236	113,117
KINGS	28,891	5,991	4,640	39,523	4,885	1,551	2,251	8,688	24,006	4,439	2,389	30,835
LAKE	353	139	243	736	203	120	183	507	150	19	60	229
LASSEN	303	220	14	537	291	220	14	525	12	0	0	12
LOS ANGELES	4,711	644	717	6,072	4,259	430	612	5,301	452	214	104	770
MADERA	13,109	2,803	5,941	21,853	2,631	694	2,550	5,874	10,478	2,109	3,391	15,979
MARIN	66	1	1	68	65	1	1	67	2	0	0	2
MARIPOSA	437	147	74	659	437	147	74	659	0	0	0	0
MENDOCINO	925	262	312	1,499	787	253	308	1,348	138	9	5	151
MERCED	32,379	11,351	10,079	53,809	16,038	5,429	7,544	29,012	16,341	5,922	2,535	24,798
MODOC	2,562	1,406	518	4,486	1,985	1,107	509	3,600	577	300	9	887
MONO	102	127	21	251	100	126	21	248	3	1	0	4
MONTEREY	27,831	5,983	7,269	41,083	9,745	2,596	4,078	16,420	18,086	3,387	3,190	24,663
NAPA	574	472	646	1,692	415	381	522	1,318	159	91	123	373
NEVADA	129	61	74	264	64	61	24	149	64	0	49	114
ORANGE	6,760	1,508	1,159	9,427	5,630	705	580	6,914	1,130	803	579	2,513
PLACER	1,512	611	195	2,318	801	482	190	1,473	711	129	5	846
PLUMAS	12	1	2	16	11	0	1	13	1	1	1	3
RIVERSIDE	19,871	7,034	2,955	29,860	8,720	3,128	2,218	14,065	11,151	3,906	737	15,795
SACRAMENTO	6,007	1,311	1,599	8,918	2,997	874	1,006	4,878	3,011	437	593	4,041
SAN BENITO	6,126	819	654	7,599	5,228	645	542	6,414	898	174	112	1,184
SAN BERNARDINO	1,241	447	233	1,922	1,095	377	214	1,686	145	70	19	236
SAN DIEGO	21,693	1,302	2,270	25,264	21,187	1,090	2,216	24,493	507	212	53	772
SAN FRANCISCO	115	19	39	173	58	19	38	117	56	0	0	56
SAN JOAQUIN	90,356	8,850	31,150	130,355	28,300	2,481	25,766	56,548	62,055	6,369	5,384	73,807
SAN LUIS OBISPO	2,596	521	1,178	4,293	727	219	442	1,388	1,869	301	736	2,906
SAN MATEO	1,448	1,106	374	2,927	1,395	1,103	369	2,867	53	2	5	60
SANTA BARBARA	11,316	2,931	3,235	17,483	3,501	1,457	1,971	6,928	7,815	1,474	1,265	10,554
SANTA CLARA	7,747	1,641	847	10,235	7,307	1,473	746	9,526	440	169	101	709
SANTA CRUZ	3,859	1,591	1,264	6,713	3,268	1,330	1,147	5,745	590	261	116	968
SHASTA	7,113	2,297	1,514	10,924	6,289	2,203	1,486	9,978	824	94	28	947
SISKIYOU	3,418	1,327	1,157	5,902	2,782	1,144	1,124	5,051	636	183	32	851
SOLANO	8,094	5,622	1,187	14,902	1,950	1,189	787	3,926	6,144	4,432	400	10,976
SONOMA	2,565	1,781	1,831	6,178	2,072	1,519	1,471	5,061	495	263	360	1,117
STANISLAUS	34,372	6,133	18,793	59,298	6,292	1,541	13,355	21,189	28,080	4,591	5,438	38,109
SUTTER	17,755	3,727	2,233	23,714	6,127	2,478	1,877	10,482	11,628	1,249	356	13,233
TEHAMA	2,893	878	2,204	5,975	1,355	628	1,838	3,822	1,538	250	366	2,154
TULARE	40,384	11,738	13,811	65,933	19,342	7,965	9,797	37,105	21,042	3,773	4,014	28,829
TUOLUMNE	1	0	0	2	1	0	0	1	0	0	0	1
VENTURA	50,720	8,006	36,640	95,366	8,435	5,409	35,112	48,955	42,286	2,598	1,527	46,410
YOLO	18,673	3,947	1,430	24,051	4,469	867	552	5,888	14,203	3,080	879	18,163
YUBA	5,648	1,293	780	7,721	1,028	1,059	721	2,808	4,620	234	58	4,913
** UNKNOWN **	29,444	5,440	2,716	37,601	4,803	3,208	1,253	9,264	24,641	2,232	1,462	28,336
TOTAL	866,749	192,916	251,076	1,310,747	341,516	97,422	178,487	617,429	525,235	95,495	72,586	693,323

FERTILIZING MATERIALS

TONNAGE REPORT

JULY – DECEMBER 2013

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

SACRAMENTO, CALIFORNIA 95814

FOREWORD

This publication summarizes State and County tonnage sales/distributions of commercial fertilizers, specialty fertilizers, 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 Section 14621 of 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 Food and Agricultural Code, 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,

Amadou Ba, Ph.D,
Environmental Program Manager II

STATE OF CALIFORNIA - DEPARTMENT OF FOOD AND AGRICULTURE
TONNAGE REPORT OF COMMERCIAL FERTILIZERS AND AGRICULTURAL MINERALS
JANUARY 2012 - DECEMBER 2013
TOTAL TONS OF MATERIALS REPORTED FOR THE PERIOD INDICATED

Code	Material	JAN-JUNE 2012	JAN-JUNE 2013	JULY-DEC 2012	JULY-DEC 2013	JAN-DEC 2012	JAN-DEC 2013
0	IDENTIFIED BY GRADE	1,659,903	1,166,851	369,831	596,022	2,029,734	1,762,873
0	N-P-K GRADES	0	427,686	700,200	334,727	700,200	762,413
2	ANHYDROUS AMMONIA	153,217	25,237	17,133	20,395	170,350	45,632
6	AQUA AMMONIA	810	193,204	21,970	20,508	22,780	213,712
10	AMMONIUM NITRATE	1,327	3,815	1,581	119	2,908	3,934
12	AMMONIUM NITRATE SOLUTION	361,897	27,220	26,008	39,059	387,905	66,279
20	AMMONIUM POLYSULFIDE	327	1,540	666	919	993	2,459
24	AMMONIUM SULFATE	90,506	73,993	56,506	48,136	147,012	122,129
31	AMMONIUM THIOSULFATE	45,497	50,247	15,249	13,148	60,746	63,395
35	CALCIUM AMMONIUM NITRATE	191,313	216,698	346,287	50,965	537,600	267,663
43	CALCIUM NITRATE	48,263	48,116	32,205	8,651	80,468	56,767
58	NITROGEN SOLUTION 38%	4,365	3,000	1,148	5,484	5,513	8,484
60	NITROGEN SOLUTION 32%	431,492	518,679	193,262	175,446	624,754	694,125
61	NITROGEN SOLUTION >32%	236	0	0	0	236	0
62	SODIUM NITRATE	1,803	940	536	400	2,339	1,340
64	SULFUR COATED UREA	47	189	12	16	59	205
66	UREA	91,313	92,269	55,138	48,839	146,451	141,108
67	UREA SOLUTION	2,622	9,902	3,742	4,717	6,364	14,619
203	DIAMMONIUM PHOSPHATE	5,665	3,166	877	1,400	6,542	4,566
207	AMMONIUM PHOSPHATE SULFATE	18,623	19,335	6,957	7,254	25,580	26,589
209	MONOAMMONIUM PHOSPHATE	24,245	24,237	32,276	49,553	56,521	73,790
248	PHOSPHORIC ACID	6,480	17,171	4,238	3,900	10,718	21,071
249	LIQUID AMMONIUM POLYPHOSPHATE	42,671	37,145	26,703	29,866	69,374	67,011
263	SUPERPHOSPHATE, NORMAL	5,436	469	19	0	5,455	469
267	SUPERPHOSPHATE, TRIPLE	422	1,613	970	742	1,392	2,355
428	MURIATE OF POTASH 60% (POT. CHLORIDE)	26,731	22,536	16,047	36,592	42,778	59,128
443	POTASSIUM-MAGNESIUM SULFATE	5,474	12,896	5,267	10,034	10,741	22,930
453	POTASSIUM NITRATE	12,581	9,904	7,135	5,947	19,716	15,851
463	POTASSIUM SULFATE	197,797	58,875	140,322	60,878	338,119	119,753
601	BLOOD, DRIED	145	117	211	350	356	467
667	SEWAGE SLUDGE, OTHER	57,209	45,591	85,681	88,786	142,890	134,377
723	COPPER COMPOUND	773	474	588	578	1,361	1,052
731	IRON COMPOUND	2,254	13,988	1,656	3,082	3,910	17,070
732	GYPSUM (CALCIUM SULFATE)	567,891	605,626	1,058,100	1,138,029	1,625,991	1,743,655
770	SULFUR	301,967	68,306	105,446	137,636	407,413	205,942
774	SULFURIC ACID	267,833	69,395	532,483	55,960	800,316	125,355
797	SECONDARY/MICRONUTRIENTS ALL OTHER	271,415	171,453	141,597	146,441	413,012	317,894
907	LIME PRODUCT	150,565	159,095	423,035	356,246	573,600	515,341
0	TOTAL	5,051,115	4,200,978	4,431,082	3,500,825	9,482,197	7,701,803

STATE OF CALIFORNIA - DEPARTMENT OF FOOD AND AGRICULTURE
TONNAGE REPORT OF COMMERCIAL FERTILIZERS AND AGRICULTURAL MINERALS
JANUARY 2012 - DECEMBER 2013
TOTAL TONS OF NUTRIENTS REPORTED FOR THE PERIOD INDICATED

CODE	MATERIAL NAME	JAN-JUN 2012 N	JAN-JUN 2012 P205	JAN-JUN 2012 K20	JAN-JUN 2013 N	JAN-JUN 2013 P2O5	JAN-JUN 2013 K20
0	IDENTIFIED BY GRADE	178,932	146,856	69,209	261,728	80,022	85,936
2	ANHYDROUS AMMONIA	125,638	0	0	20,694	0	0
6	AQUA AMMONIA	162	0	0	38,641	0	0
10	AMMONIUM NITRATE	451	0	0	1,297	0	0
12	AMMONIUM NITRATE SOLUTION	72,379	0	0	5,444	0	0
20	AMMONIUM POLYSULFIDE	65	0	0	308	0	0
24	AMMONIUM SULFATE	19,006	0	0	15,539	0	0
31	AMMONIUM THIOSULFATE	5,460	0	0	6,030	0	0
35	CALCIUM AMMONIUM NITRATE	32,523	0	0	36,839	0	0
43	CALCIUM NITRATE	7,239	0	0	7,217	0	0
58	NITROGEN SOLUTION 28%	1,222	0	0	840	0	0
60	NITROGEN SOLUTION 32%	138,077	0	0	165,977	0	0
61	NITROGEN SOLUTION >32%	80	0	0	0	0	0
62	SODIUM NITRATE	288	0	0	150	0	0
64	SULFUR COATED UREA	17	0	0	68	0	0
66	UREA	42,004	0	0	42,444	0	0
67	UREA SOLUTION	524	0	0	1,980	0	0
203	DIAMMONIUM PHOSPHATE	1,020	2,606	0	570	1,456	0
207	AMMONIUM PHOSPHATE SULFATE	2,980	3,725	0	3,094	3,867	0
209	MONOAMMONIUM PHOSPHATE	2,667	12,607	0	2,666	12,603	0
248	PHOSPHORIC ACID	0	3,499	0	0	9,272	0
249	LIQUID AMMONIUM POLYSULFATE	4,267	14,508	0	3,715	12,629	0
263	SUPERPHOSPHATE, NORMAL	0	1,196	0	0	103	0
267	SUPERPHOSPHATE, TRIPLE	0	194	0	0	742	0
428	MURIATE OF POTASH	0	0	16,039	0	0	13,522
443	POTASSIUM-MAGNESIUM SULFATE	0	0	1,204	0	0	2,837
453	POTASSIUM NITRATE	1,761	0	5,536	1,387	0	4,358
463	POTASSIUM SULFATE	0	0	98,899	0	0	29,438
601	BLOOD, DRIED	17	0	0	14	0	0
667	SEWAGE SLUDGE	0	0	0	2,735	912	456
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	SECONDARY/MICRONUTRIENTS - ALL OTHER	0	0	0	0	0	0
907	LIME PRODUCT	0	0	0	0	0	0
0	TOTAL	636,779	185,191	190,887	619,376	121,607	136,546

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TOTAL TONS OF NUTRIENTS REPORTED FOR THE PERIOD INDICATED

CODE	MATERIAL NAME	JULY-DEC 2012 N	JULY-DEC 2012 P2O5	JULY-DEC 2012 K20	JULY-DEC 2013 N	JULY-DEC 2013 P205	JULY-DEC 2013 K20
0	IDENTIFIED BY GRADE	43,640	39,201	29,586	231,154	46,992	56,581
2	ANHYDROUS AMMONIA	14,049	0	0	16,724	0	0
6	AQUA AMMONIA	4,394	0	0	4,102	0	0
10	AMMONIUM NITRATE	538	0	0	40	0	0
12	AMMONIUM NITRATE SOLUTION	5,202	0	0	7,812	0	0
20	AMMONIUM POLYSULFIDE	133	0	0	184	0	0
24	AMMONIUM SULFATE	11,866	0	0	10,109	0	0
31	AMMONIUM THIOSULFATE	1,830	0	0	1,578	0	0
35	CALCIUM AMMONIUM NITRATE	58,869	0	0	8,664	0	0
43	CALCIUM NITRATE	4,831	0	0	1,298	0	0
58	NITROGEN SOLUTION 28%	321	0	0	1,536	0	0
60	NITROGEN SOLUTION 32%	61,844	0	0	56,143	0	0
62	SODIUM NITRATE	86	0	0	64	0	0
64	SULFUR COATED UREA	4	0	0	6	0	0
66	UREA	25,363	0	0	22,466	0	0
67	UREA SOLUTION	748	0	0	943	0	0
203	DIAMMONIUM PHOSPHATE	158	403	0	252	644	0
207	AMMONIUM PHOSPHATE SULFATE	1,113	1,391	0	1,161	1,451	0
209	MONOAMMONIUM PHOSPHATE	3,550	16,784	0	5,451	25,768	0
248	PHOSPHORIC ACID	0	2,289	0	0	2,106	0
249	LIQUID AMMONIUM POLYSULFATE	2,670	9,079	0	2,987	10,154	0
263	SUPERPHOSPHATE, NORMAL	0	4	0	0	0	0
267	SUPERPHOSPHATE, TRIPLE	0	446	0	0	341	0
428	MURIATE OF POTASH	0	1,714	9,628	0	0	21,955
443	POTASSIUM-MAGNESIUM SULFATE	0	0	1,159	0	0	2,207
453	POTASSUM NITRATE	999	0	3,139	833	0	2,617
463	POTASSIUM SULFATE	0	0	70,161	0	0	30,439
601	BLOOD, DRIED	25	0	0	42	0	0
667	SEWAGE SLUDGE	5,141	0	857	5,327	1,776	888
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	SECONDARY/MICRONUTRIENTS - ALL OTHER	0	0	0	0	0	0
907	LIME PRODUCT	0	0	0	0	0	0
0	TOTAL	247,374	71,311	114,530	378,873	89,232	114,687

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TOTAL TONS OF NUTRIENTS REPORTED FOR THE PERIOD INDICATED

CODE	MATERIAL NAME	JAN-DEC 2012 N	JAN-DEC 2012 P2O5	JAN-DEC 2012 K20	JAN-DEC 2013 N	JAN-DEC 2013 P205	JAN-DEC 2013 K20
0	IDENTIFIED BY GRADE	222,572	186,057	98,795	492,882	127,014	142,517
2	ANHYDROUS AMMONIA	139,687	0	0	37,418	0	0
6	AQUA AMMONIA	4,556	0	0	42,742	0	0
10	AMMONIUM NITRATE	989	0	0	1,338	0	0
12	AMMONIUM NITRATE SOLUTION	77,581	0	0	13,256	0	0
20	AMMONIUM POLYSULFIDE	198	0	0	492	0	0
24	AMMONIUM SULFATE	30,872	0	0	25,647	0	0
31	AMMONIUM THIOSULFATE	7,290	0	0	7,607	0	0
35	CALCIUM AMMONIUM NITRATE	91,392	0	0	45,503	0	0
43	CALCIUM NITRATE	12,070	0	0	8,515	0	0
58	NITROGEN SOLUTION 28%	1,543	0	0	2,376	0	0
60	NITROGEN SOLUTION 32%	199,921	0	0	222,120	0	0
61	NITROGEN SOLUTION >32%	80	0	0	0	0	0
62	SODIUM NITRATE	374	0	0	214	0	0
64	SULFUR COATED UREA	21	0	0	74	0	0
66	UREA	67,367	0	0	64,910	0	0
67	UREA SOLUTION	1,272	0	0	2,924	0	0
203	DIAMMONIUM PHOSPHATE	1,178	3,009	0	822	2,100	0
207	AMMONIUM PHOSPHATE SULFATE	4,093	5,116	0	4,254	5,318	0
209	MONOAMMONIUM PHOSPHATE	6,217	29,391	0	8,117	38,371	0
248	PHOSPHORIC ACID	0	5,788	0	0	11,378	0
249	LIQUID AMMONIUM POLYPHOSPHATE	6,937	23,587	0	6,701	22,784	0
263	SUPERPHOSPHATE, NORMAL	0	1,200	0	0	103	0
267	SUPERPHOSPHATE, TRIPLE	0	640	0	0	1,083	0
428	MURATE OF POTASH	0	1,714	25,667	0	0	35,477
443	POTASSIUM-MAGNESIUM SULFATE	0	0	2,363	0	0	5,045
453	POTASSIUM NITRATE	2,760	0	8,675	2,219	0	6,974
463	POTASSIUM SULFATE	0	0	169,060	0	0	59,877
601	BLOOD, DRIED	42	0	0	56	0	0
667	SEWAGE SLUDGE	5,141	0	857	8,063	2,688	1,344
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	SECONDARY/MICRONUTRIENTS - ALL OTHER	0	0	0	0	0	0
907	LIME PRODUCT	0	0	0	0	0	0
0	TOTAL	884,153	256,502	305,417	998,249	210,839	251,233

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TONS OF NITROGEN MATERIALS - FARM USE

COUNTY	ANHYDROUS AMMONIA	AQUA AMMONIA	AMMONIUM NITRATE	AMMONIUM NITRATE SOLUTION	AMMONIUM POLYSULFIDE	AMMONIUM SULFATE	AMMONIUM THIOSULFATE	BLOOD MEAL	CALCIUM AMMONIUM NITRATE	CALCIUM NITRATE	NITROGEN SOLUTION 28%	NITROGEN SOLUTION 32%	SODIUM NITRATE	SULFUR COATED UREA	UREA	UREA SOLUTION	NITROGEN MATERIALS - ALL OTHER
ALAMEDA	0	0	0	0	0	44	3	3	0	0	0	9	0	0	53	0	769
AMADOR	0	0	0	0	0	4	2	0	4	0	0	0	0	0	63	0	19
BUTTE	0	1,056	0	0	0	5,356	12	0	237	90	0	1,219	0	0	595	0	781
CALAVERAS	0	0	0	0	0	10	0	0	1	0	0	0	0	0	0	0	3
COLUSA	381	4,115	0	0	0	6,047	51	0	1,811	60	8	6,041	0	0	1,640	0	1,932
CONTRA COSTA	1,255	10	0	0	0	55	89	0	406	4	7	255	0	0	192	0	8,432
DEL NORTE	0	0	0	0	0	32	0	0	0	2	0	0	0	0	0	0	0
EL DORADO	0	10	0	0	0	25	0	0	5	0	0	1	0	0	4	0	150
FRESNO	701	184	0	103	0	2,625	4,146	0	8,396	301	272	22,638	14	0	1,369	534	12,209
GLENN	0	2,335	0	0	0	1,992	11	0	86	9	1	1,185	0	0	149	0	773
HUMBOLDT	0	0	0	0	0	8	0	0	0	75	0	0	0	0	1	0	37
IMPERIAL	188	0	7	5,280	396	519	4	221	2,014	204	156	21,911	0	0	21,870	52	10,010
INYO	0	0	0	0	0	4	0	1	29	1	0	65	0	2	30	0	25
KERN	1,690	4	0	0	39	1,209	1,509	0	2,685	233	4,103	15,023	0	0	1,473	92	36,854
KINGS	4,773	0	0	0	50	43	385	0	775	112	0	15,559	0	0	607	0	2,551
LAKE	0	0	0	0	0	72	0	0	112	2	0	124	0	0	85	0	6
LASSEN	0	0	0	0	0	2,090	0	0	91	0	0	0	0	0	0	0	2
LOS ANGELES	0	11	1	105	0	60	16	0	34	136	0	151	151	0	217	0	2,570
MADERA	15	15	0	0	0	180	318	0	916	1,442	0	3,190	0	0	115	126	3,469
MARIN	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0	0	59
MARIPOSA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MENDOCINO	0	0	0	0	0	1	0	1	15	1	0	13	0	0	2	0	130
MERCED	136	0	0	0	0	1,195	2,028	0	2,802	32	0	5,724	0	3	391	0	24,534
MODOC	6	0	0	0	0	231	87	0	97	0	0	421	0	0	280	21	0
MONO	0	0	0	0	0	90	0	0	0	0	0	1	0	0	16	0	0
MONTEREY	0	0	8	13,926	0	2,003	988	69	9,159	389	0	5,018	137	0	572	247	24,056
NAPA	5	0	0	0	0	26	0	0	27	74	0	10	0	0	6	0	564
NEVADA	0	66	0	0	0	0	0	0	0	0	0	0	0	0	8	0	19
ORANGE	0	0	0	30	0	220	0	0	432	173	0	44	9	0	505	0	2,884
PLACER	0	295	0	0	0	325	0	0	33	0	0	59	0	0	26	0	216
PLUMAS	0	0	0	0	0	57	0	0	0	0	0	0	0	0	0	0	8
RIVERSIDE	1,087	0	0	2,651	251	170	50	0	2,335	1,093	0	3,957	0	0	1,440	36	17,439
SACRAMENTO	241	273	10	0	0	654	21	0	400	12	0	1,179	3	0	195	0	566
SAN BENITO	0	0	0	84	0	45	4	0	1,143	18	0	127	0	0	1	0	7,242
SAN BERNARDINO	0	0	0	0	0	13	0	0	179	200	0	142	0	0	1,033	0	962
SAN DIEGO	0	0	40	35	0	286	4	0	655	1,107	182	241	3	0	688	0	4,895
SAN FRANCISCO	5	0	0	0	0	75	8	0	0	0	0	0	0	0	0	0	48
SAN JOAQUIN	376	385	8	0	0	1,271	590	0	1,852	187	0	7,133	0	0	2,120	19	5,000
SAN LUIS OBISPO	0	48	0	403	0	285	220	0	238	437	26	543	0	9	52	377	748
SAN MATEO	0	0	5	0	0	73	2	1	0	46	0	0	0	0	11	0	246
SANTA BARBARA	7	0	0	3,902	0	209	761	0	734	476	13	6,262	0	0	101	1,668	5,142
SANTA CLARA	0	0	0	24	0	37	0	0	196	247	0	102	0	0	15	0	6,294
SANTA CRUZ	0	0	0	34	0	165	8	54	170	124	0	58	1	0	0	0	8,040
SHASTA	332	0	5	0	0	1,412	0	0	1	22	0	92	0	0	1,701	20	13,220
SISKIYOU	26	0	0	0	0	321	87	0	153	0	0	420	0	0	278	21	345
SOLANO	1,729	527	0	0	0	2,680	24	0	430	7	0	1,669	24	0	309	0	278
SONOMA	0	0	0	61	0	109	0	0	87	100	0	46	0	0	31	0	569
STANISLAUS	1,037	26	0	28	0	1,966	229	0	5,602	371	1	12,063	0	0	1,008	0	4,650
SUTTER	144	4,313	0	0	0	4,152	1	0	836	183	168	1,208	0	0	365	0	962
TEHAMA	0	111	0	0	0	121	6	0	102	0	0	397	0	0	110	0	261
TULARE	1,026	0	25	1	30	2,361	1,005	0	1,194	281	42	10,310	28	0	1,311	1,232	14,179
TUOLUMNE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26
VENTURA	0	0	10	769	153	120	225	0	2,752	347	0	2,013	0	2	294	11	6,200
YOLO	252	4,868	0	4	0	3,853	132	0	1,636	20	0	1,655	10	0	778	0	384
YUBA	0	688	0	0	0	971	0	0	103	28	34	252	3	0	45	0	61
** UNKNOWN **	4,983	1,168	0	11,619	0	2,264	122	0	0	5	471	26,916	0	0	6,684	261	324
TOTAL	20,395	20,508	119	39,059	919	48,136	13,148	350	50,965	8,651	5,484	175,446	400	16	48,839	4,717	231,143

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COUNY	DIAMMONIUM PHOSPHATE	AMMONIUM PHOSPHATE SULFATE	MONOAMMONIUM PHOSPHATE	PHOSPHORIC ACID	LIQUID AMMONIUM POLYPHOSPHATE	NORMAL SUPERPHOSPHATE	TRIPLE SUPERPHOSPHATE	PHOSPHOROUS MATERIALS - ALL OTHER	MURIATE OF POTASH	SULFATE OF POTASH MAGNESIA	POTASSIUM NITRATE	POTASSIUM SULFATE	POTASSIUM MATERIALS - ALL OTHER
ALAMEDA	0	4	3	0	0	0	0	16	0	0	0	99	81
AMADOR	0	0	0	0	0	0	0	20	9	0	0	2	4
BUTTE	0	62	478	0	7	0	49	92	4,026	1,206	23	8,348	525
CALAVERAS	0	0	0	0	0	0	0	5	0	0	0	652	10
COLUSA	174	372	385	27	610	0	7	586	301	15	1	1,587	1,354
CONTRA COSTA	0	34	0	0	656	0	0	225	64	0	3	4	236
DEL NORTE	0	423	0	45	0	0	0	3	23	0	0	0	200
EL DORADO	0	12	1	0	0	0	0	9	0	0	0	2	47
FRESNO	32	5	3,085	239	5,146	0	26	6,095	3,517	215	770	3,377	8,162
GLENN	0	130	279	0	0	0	0	496	790	0	1	5,296	765
HUMBOLDT	0	0	0	0	0	0	0	25	0	5	107	0	11
IMPERIAL	345	3	15,368	987	3,157	0	0	5,131	964	153	18	1,229	873
INYO	0	0	10	0	0	0	0	1	2	2	1	2	11
KERN	1	19	1,300	226	2,832	0	28	2,541	1,944	837	169	2,260	3,561
KINGS	114	110	760	137	4,966	0	0	594	521	79	67	1,898	777
LAKE	0	6	0	0	116	0	5	4	3	13	1	23	32
LASSEN	0	0	51	0	0	0	0	0	0	0	0	0	2,310
LOS ANGELES	0	19	117	0	12	0	12	57	0	0	406	490	230
MADERA	0	0	79	11	344	0	0	2,851	75	151	68	1,427	2,181
MARIN	0	0	0	0	0	0	0	0	0	0	51	0	0
MARIPOSA	0	1	0	0	0	0	0	0	0	0	0	0	0
MENDOCINO	0	9	7	0	5	0	0	83	9	35	0	96	26
MERCED	0	33	1,055	3	574	0	0	9,773	2,435	840	182	2,472	6,903
MODOC	0	314	435	11	87	0	0	52	170	0	0	422	254
MONO	0	0	30	0	0	0	0	0	37	0	16	0	0
MONTEREY	0	2	672	40	503	0	10	2,349	817	57	251	3,065	4,676
NAPA	0	56	47	0	7	0	23	565	0	0	9	270	679
NEVADA	0	0	12	0	0	0	0	23	16	0	0	0	5
ORANGE	0	58	59	45	91	0	11	451	0	0	35	35	697
PLACER	0	114	13	0	0	0	0	277	17	27	4	42	66
PLUMAS	0	0	0	0	0	0	0	0	0	0	0	0	1
RIVERSIDE	1	34	2,135	581	1,245	0	100	1,130	1,317	72	74	335	998
SACRAMENTO	0	419	123	0	5	0	15	304	488	114	20	165	1,637
SAN BENITO	0	2	4	0	8	0	0	96	0	0	60	40	117
SAN BERNARDINO	0	37	149	52	3	0	6	52	1	0	92	154	109
SAN DIEGO	21	80	14	96	0	0	47	324	16	203	228	1,038	340
SAN FRANCISCO	0	0	0	0	0	0	1	1	0	0	0	25	1
SAN JOAQUIN	0	26	153	0	1,806	0	1	1,958	3,962	210	311	3,984	4,601
SAN LUIS OBISPO	0	149	5	0	56	0	0	123	9	75	510	104	931
SAN MATEO	0	0	63	0	0	0	29	257	23	0	21	147	66
SANTA BARBARA	0	0	38	14	159	0	0	1,089	1,620	6	126	989	1,450
SANTA CLARA	1	5	4	0	0	0	60	357	2	0	30	48	862
SANTA CRUZ	0	388	76	0	0	0	13	217	0	0	272	45	167
SHASTA	0	502	635	1	0	0	0	5	150	0	10	0	8
SISKIYOU	0	218	508	11	87	0	0	582	565	0	0	236	376
SOLANO	0	1,648	2,093	50	549	0	12	417	1,141	0	2	189	1,180
SONOMA	3	44	14	0	17	0	195	1,117	39	48	13	215	778
STANISLAUS	0	15	328	8	444	0	0	1,399	4,408	1,330	209	7,935	3,885
SUTTER	489	866	133	0	42	0	15	622	333	2	29	836	310
TEHAMA	0	80	87	0	0	0	0	42	446	0	9	1,375	267
TULARE	61	0	1,672	185	537	0	0	1,114	2,429	405	711	2,389	1,768
TUOLUMNE	0	0	0	0	0	0	0	0	0	0	0	0	0
VENTURA	2	423	212	195	1,066	0	68	1,319	180	29	437	792	748
YOLO	0	431	829	0	145	0	9	684	325	46	3	618	864
YUBA	71	13	29	0	0	0	0	262	256	2	19	90	53
** UNKNOWN **	85	88	16,003	936	4,584	0	0	1,179	3,142	3,857	578	6,031	388
TOTAL	1,400	7,254	49,553	3,900	29,866	0	742	46,974	36,592	10,034	5,947	60,878	56,581

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TONS OF AGRICULTURAL MINERALS - FARM USE

COUNTY	COPPER	IRON	GYPSUM	LIME	SEWAGE SLUDGE	SULFUR	SULFURIC ACID	OTHER SECONDARY/MICROS
ALAMEDA	0	30	61	14	0	17	0	58
AMADOR	0	0	118	0	0	6	0	1
BUTTE	2	3	2,321	3,873	0	337	47	551
CALAVERAS	0	0	57	153	0	43	0	20
COLUSA	1	0	29,162	10,842	0	664	293	4,237
CONTRA COSTA	0	1	1,207	6	0	244	0	120
DEL NORTE	0	0	1	0	0	0	0	2
EL DORADO	0	24	23	1	0	14	0	8
FRESNO	51	280	478,986	31,817	14,280	26,093	4,751	10,326
GLENN	1	0	4,929	7,704	0	2,954	0	220
HUMBOLDT	0	1	8	10,950	0	0	0	32
IMPERIAL	22	38	1,415	21,453	0	1,061	216	1,863
INYO	0	9	5	52	0	0	0	14
KERN	171	35	219,477	12,389	19,219	19,971	5,532	28,793
KINGS	3	6	154,625	5,120	19,099	10,790	34,717	4,753
LAKE	0	0	683	314	0	93	0	8
LASSEN	0	0	544	0	0	50	0	0
LOS ANGELES	0	185	287	13	164	1,175	685	487
MADERA	6	2	16,540	1,890	0	5,343	499	3,475
MARIN	0	0	0	0	0	0	0	0
MARIPOSA	0	0	0	0	7,235	0	0	0
MENDOCINO	0	0	398	146	0	407	0	28
MERCED	1	15	38,918	7,977	2,875	10,762	124	13,399
MODOC	0	0	1,906	304	17,370	184	52	701
MONO	0	0	0	0	0	9	96	6
MONTEREY	3	38	4,281	30,319	0	473	818	2,000
NAPA	0	0	2,214	2,650	0	4	0	3,532
NEVADA	1	1	97	0	0	0	0	1
ORANGE	0	404	329	15	18	183	0	213
PLACER	0	28	99	238	0	0	0	41
PLUMAS	0	0	0	0	0	0	0	0
RIVERSIDE	0	231	630	7	3,117	257	108	1,081
SACRAMENTO	2	352	2,231	5,779	2,095	859	0	2,511
SAN BENITO	0	1	3,088	25	0	0	0	61
SAN BERNARDINO	0	22	388	5	763	82	0	333
SAN DIEGO	4	516	1,441	192	752	1	122	1,697
SAN FRANCISCO	0	2	25	26	0	0	0	152
SAN JOAQUIN	5	43	18,352	23,783	24	28,777	922	8,974
SAN LUIS OBISPO	11	58	1,908	103,945	0	58	0	341
SAN MATEO	4	135	14	221	0	43	3	47
SANTA BARBARA	5	58	17,883	7,887	0	281	31	2,396
SANTA CLARA	0	182	2,378	758	0	7	28	732
SANTA CRUZ	9	17	3,231	971	0	649	331	462
SHASTA	0	10	4,691	8,845	0	687	0	5
SISKIYOU	6	2	1,248	691	0	829	75	721
SOLANO	1	12	8,856	4,853	1,277	1,991	1	83
SONOMA	0	8	7,588	4,339	0	44	5	1,494
STANISLAUS	32	7	46,469	15,808	0	2,963	150	5,283
SUTTER	0	0	9,368	1,499	0	1,256	0	826
TEHAMA	2	2	5,912	1,937	0	150	5	113
TULARE	83	119	27,567	21,267	0	11,546	5,670	9,737
TUOLUMNE	0	0	0	0	0	0	0	0
VENTURA	9	205	1,035	5	498	302	679	1,661
YOLO	0	0	13,814	2,640	0	2,032	0	20,754
YUBA	0	0	1,109	1,651	0	16	0	219
** UNKNOWN **	143	0	112	854	0	3,929	0	11,869
TOTAL	578	3,082	1,138,029	356,228	88,786	137,636	55,960	146,441

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COUNTY	FARM USE DRY PACKAGED	FARM USE DRY BULK	FARM USE LIQUID	FARM USE TOTAL	AG MIN DRY PACKAGED	AG MIN DRY BULK	AG MIN LIQUID	AG MIN TOTAL	NONFARM USE DRY PACKAGED	NONFARM USE DRY BULK	NONFARM USE LIQUID	NONFARM USE TOTAL	TOTAL ALL
ALAMEDA	1,018	180	85	1,283	69	79	32	180	3,187	20	754	3,961	5,244
AMADOR	6	224	22	252	1	118	6	125	48	0	0	48	300
BUTTE	648	27,560	3,492	31,700	162	6,775	197	7,134	813	12,042	554	13,409	45,109
CALAVERAS	681	230	43	954	29	214	30	273	145	0	0	145	1,099
COLUSA	2,079	53,631	17,096	72,806	652	41,504	3,043	45,199	7	1,335	0	1,342	74,148
CONTRA COSTA	173	9,973	3,475	13,621	36	1,214	328	1,578	2,383	160	73	2,616	16,237
DEL NORTE	230	456	45	731	3	0	0	3	39	0	3	42	773
EL DORADO	233	66	37	336	33	23	14	70	292	3,982	71	4,345	4,681
FRESNO	16,857	562,060	74,391	653,308	5,300	546,426	14,858	566,584	1,969	6,348	74	8,391	661,699
GLENN	1,444	24,468	4,194	30,106	261	15,409	138	15,808	0	3,082	0	3,082	33,188
HUMBOLDT	281	10,963	16	11,260	40	10,950	1	10,991	3,007	3	391	3,401	14,661
IMPERIAL	3,306	76,162	39,011	118,479	1,003	22,584	2,481	26,068	182	11,160	71	11,413	129,892
INYO	172	22	72	266	73	0	7	80	264	0	1,578	1,842	2,108
KERN	10,374	304,411	72,334	387,119	4,250	291,658	9,679	305,587	1,635	4,541	10	6,186	393,305
KINGS	3,040	195,564	65,396	264,000	1,146	191,137	36,830	229,113	131	1,950	0	2,081	266,081
LAKE	226	1,273	378	1,877	124	974	0	1,098	2,071	152	8	2,231	4,108
LASSEN	2	2,737	2,399	5,138	0	594	0	594	8	0	1	9	5,147
LOS ANGELES	4,981	1,944	1,077	8,002	894	1,385	717	2,996	17,537	17,483	363	35,383	43,385
MADERA	2,393	29,770	12,573	44,736	409	25,292	2,054	27,755	82	810	5	897	45,633
MARIN	132	0	0	132	0	0	0	0	1,047	6,303	64	7,414	7,546
MARIPOSA	1	7,235	0	7,236	0	7,235	0	7,235	163	0	0	163	7,399
MENDOCINO	936	1,219	39	2,194	588	387	4	979	69,258	0	34,172	103,430	105,624
MERCED	2,555	110,463	32,292	145,310	645	68,479	4,947	74,071	208	860	1	1,069	146,379
MODOC	0	22,317	1,088	23,405	0	20,465	52	20,517	0	28	0	28	23,433
MONO	16	188	97	301	0	15	96	111	11	0	1	12	313
MONTEREY	4,266	58,641	44,063	106,970	1,800	35,011	1,121	37,932	2,025	20,792	19	22,836	129,806
NAPA	658	19,197	444	20,299	88	8,129	183	8,400	112	1,061	1	1,174	21,473
NEVADA	31	131	87	249	5	95	0	100	20,393	470	862	21,725	21,974
ORANGE	4,933	1,417	1,555	7,905	933	199	30	1,162	8,920	8,630	114	17,664	25,569
PLACER	450	2,252	474	3,176	62	332	12	406	2,050	6	58	2,114	5,290
PLUMAS	2	57	7	66	0	0	0	0	2	0	0	2	68
RIVERSIDE	7,448	23,262	13,368	44,078	807	3,846	778	5,431	20,383	12,545	163	33,091	77,169
SACRAMENTO	2,037	14,324	4,379	20,740	906	12,306	617	13,829	3,546	943	763	5,252	25,992
SAN BENITO	133	10,220	1,813	12,166	21	3,087	67	3,175	5	74	1	80	12,246
SAN BERNARDINO	2,627	1,317	888	4,832	468	1,106	19	1,593	7,181	12,899	926	21,006	25,838
SAN DIEGO	10,059	3,607	1,720	15,386	2,529	1,968	228	4,725	11,948	8,655	163	20,766	36,152
SAN FRANCISCO	110	99	160	369	34	24	147	205	184	0	57	241	610
SAN JOAQUIN	8,750	82,457	27,274	118,481	6,874	67,415	6,591	80,880	10,365	5,404	273	16,042	134,523
SAN LUIS OBISPO	1,831	106,419	3,419	111,669	250	105,864	207	106,321	1,019	0	24	1,043	112,712
SAN MATEO	1,143	307	15	1,465	267	193	7	467	2,582	362	74	3,018	4,483
SANTA BARBARA	5,008	31,037	17,942	53,987	591	26,859	1,091	28,541	2,538	1,359	25	3,922	57,909
SANTA CLARA	1,064	9,869	1,459	12,392	576	3,302	207	4,085	3,980	0	1,536	5,516	17,908
SANTA CRUZ	1,132	13,375	1,010	15,517	305	4,992	373	5,670	5,382	975	345	6,702	22,219
SHASTA	269	31,676	459	32,404	18	14,220	0	14,238	658	0	40	698	33,102
SISKIYOU	153	6,161	1,492	7,806	9	3,487	76	3,572	2	1,112	2	1,116	8,922
SOLANO	460	25,404	6,168	32,032	321	16,720	33	17,074	1,490	2,399	29	3,918	35,950
SONOMA	1,454	14,538	972	16,964	379	12,762	337	13,478	2,229	25,645	456	28,330	45,294
STANISLAUS	3,286	84,174	30,225	117,685	1,190	65,829	3,693	70,712	979	13,128	66	14,173	131,858
SUTTER	369	20,981	7,623	28,973	225	11,988	736	12,949	711	390	7	1,108	30,081
TEHAMA	168	13,439	1,021	14,628	21	8,005	95	8,121	1,162	0	19	1,181	15,809
TRINITY	0	0	0	0	0	0	0	0	20	0	43	63	63
TULARE	6,441	85,522	28,759	120,722	3,063	63,491	9,435	75,989	3,327	14,962	167	18,456	139,178
TUOLUMNE	0	0	26	26	0	0	0	0	89	0	100	189	215
VENTURA	4,765	6,711	13,108	24,584	619	1,617	2,158	4,394	6,622	1,104	29	7,755	32,339
YOLO	730	47,477	10,348	58,555	331	38,553	356	39,240	797	28	2	827	59,382
YUBA	60	4,737	1,178	5,975	17	2,946	32	2,995	3	502	2	507	6,482
** UNKNOWN **	10,537	32,026	66,151	108,714	1,280	4,153	11,474	16,907	83,538	24	441	84,003	192,717
TOTAL	132,158	2,193,950	617,259	2,943,367	39,707	1,771,416	115,617	1,926,740	308,729	203,728	45,001	557,458	3,500,825

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TONS OF NUTRIENTS BY FORM - INCLUDES FARM AND NONFARM

COUNTY	ALL N	ALL P205	ALL K2O	ALL TOTAL	DRY N	DRY P205	DRY K20	DRY TOTAL	LIQUID N	LIQUID P205	LIQUID K20	LIQUID TOTAL
ALAMEDA	809	18	131	958	781	13	119	913	28	5	12	45
AMADOR	50	20	10	80	47	14	8	69	3	6	2	11
BUTTE	2,902	378	7,390	10,670	1,936	326	7,091	9,352	966	52	300	1,318
CALAVERAS	5	5	336	346	4	2	328	334	1	3	8	12
COLUSA	7,544	1,166	2,332	11,042	3,849	588	1,900	6,337	3,695	578	432	4,705
CONTRA COSTA	9,798	455	278	10,531	8,476	68	147	8,691	1,322	387	131	1,840
DEL NORTE	75	112	214	400	75	88	214	376	0	24	0	24
EL DORADO	162	12	48	222	158	10	44	212	4	2	4	10
FRESNO	25,249	9,891	12,490	47,629	8,646	5,100	4,970	18,717	16,603	4,791	7,519	28,913
GLENN	2,175	667	3,887	6,730	1,155	494	3,786	5,435	1,020	173	102	1,295
HUMBOLDT	66	25	59	151	51	25	59	136	15	0	0	15
IMPERIAL	31,010	14,888	2,107	48,005	21,781	9,060	1,970	32,811	9,229	5,828	137	15,194
INYO	68	6	14	88	47	6	14	67	21	0	0	21
KERN	47,433	4,703	6,308	58,445	8,930	2,217	3,697	14,844	38,503	2,487	2,611	43,601
KINGS	13,710	3,208	2,276	19,195	3,019	1,271	1,771	6,061	10,692	1,937	505	13,134
LAKE	132	47	49	227	62	8	23	92	70	39	26	136
LASSEN	462	27	2,310	2,799	447	27	2	475	15	0	2,308	2,323
LOS ANGELES	2,890	135	655	3,680	2,800	128	621	3,549	90	6	35	131
MADERA	5,084	3,015	3,003	11,101	2,304	1,876	1,263	5,443	2,780	1,139	1,740	5,659
MARIN	69	0	22	91	69	0	22	91	0	0	0	0
MARIPOSA	434	145	72	652	434	145	72	652	0	0	0	0
MENDOCINO	141	90	87	318	134	87	86	307	7	3	1	11
MERCED	28,010	10,582	9,894	48,486	21,646	1,961	5,980	29,588	6,364	8,622	3,913	18,899
MODOC	1,497	724	741	2,962	1,318	636	487	2,441	179	88	254	521
MONO	32	16	29	77	32	16	29	77	0	0	0	0
MONTEREY	31,107	2,896	6,822	40,824	18,342	570	2,599	21,511	12,765	2,326	4,223	19,314
NAPA	611	614	818	2,043	555	577	686	1,818	56	36	132	224
NEVADA	37	29	15	81	9	26	12	47	28	3	3	34
ORANGE	3,314	554	730	4,598	2,871	203	383	3,457	443	351	347	1,141
PLACER	400	307	105	811	304	290	103	696	96	17	2	115
PLUMAS	20	0	1	21	13	0	1	14	7	0	0	7
RIVERSIDE	22,012	3,111	2,035	27,158	18,648	2,300	1,730	22,677	3,364	811	305	4,480
SACRAMENTO	1,708	502	2,067	4,278	831	257	837	1,924	878	246	1,231	2,354
SAN BENITO	7,517	101	163	7,781	7,075	22	60	7,157	442	79	103	624
SAN BERNARDINO	1,627	184	235	2,046	1,250	166	234	1,650	377	18	1	396
SAN DIEGO	5,794	445	1,021	7,260	5,315	289	929	6,532	479	157	92	728
SAN FRANCISCO	69	1	14	84	64	1	14	79	5	0	0	5
SAN JOAQUIN	9,577	2,658	9,153	21,388	2,576	1,025	5,715	9,316	7,001	1,632	3,438	12,072
SAN LUIS OBISPO	1,415	174	1,229	2,819	349	113	808	1,271	1,066	61	421	1,548
SAN MATEO	285	303	163	751	283	303	162	747	3	0	1	4
SANTA BARBARA	8,685	1,170	2,973	12,828	4,072	227	2,585	6,884	4,613	944	388	5,944
SANTA CLARA	6,426	388	900	7,715	6,064	324	517	6,906	362	64	383	809
SANTA CRUZ	8,264	340	309	8,913	8,088	237	257	8,582	176	103	52	331
SHASTA	14,761	436	102	15,300	14,444	436	102	14,982	317	1	0	318
SISKIYOU	836	925	833	2,594	464	692	541	1,696	373	234	292	898
SOLANO	3,747	2,080	1,973	7,799	1,419	1,858	964	4,240	2,328	222	1,009	3,559
SONOMA	676	1,230	925	2,831	543	1,154	715	2,412	133	76	210	419
STANISLAUS	11,396	1,728	10,882	24,005	1,646	805	8,876	11,327	9,750	922	2,006	12,678
SUTTER	3,835	1,110	941	5,887	2,138	1,024	817	3,979	1,697	86	125	1,908
TEHAMA	528	103	1,226	1,857	192	89	1,099	1,380	336	14	127	477
TULARE	20,410	2,294	4,822	27,525	13,432	1,411	3,729	18,573	6,978	883	1,093	8,953
TUOLUMNE	26	0	0	26	0	0	0	0	26	0	0	26
VENTURA	8,031	2,024	1,456	11,511	5,094	1,072	903	7,069	2,937	952	553	4,442
YOLO	3,735	1,255	1,379	6,369	1,426	763	815	3,005	2,310	491	564	3,365
YUBA	556	312	260	1,129	291	276	251	819	265	36	9	310
** UNKNOWN **	21,659	11,621	6,392	39,672	5,509	9,495	5,401	20,404	16,150	2,127	991	19,268
TOTAL	378,873	89,232	114,687	582,792	211,504	50,171	76,548	338,223	167,369	39,061	38,139	244,569

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TONS OF NITROGEN MATERIALS - FARM USE

COUNTY	ANHYDROUS AMMONIA	AQUA AMMONIA	AMMONIUM NITRATE	AMMONIUM NITRATE SOLUTION	AMMONIUM POLYSULFIDE	AMMONIUM SULFATE	AMMONIUM THIOSULFATE	BLOOD MEAL	CALCIUM AMMONIUM NITRATE	CALCIUM NITRATE	NITROGEN SOLUTION 28%	NITROGEN SOLUTION 32%	SODIUM NITRATE	SULFUR COATED UREA	UREA	UREA SOLUTION	NITROGEN MATERIALS - ALL OTHER
ALAMEDA	0	30	0	0	0	124	12	3	20	0	0	254	0	0	53	0	1,230
AMADOR	0	0	0	0	0	38	5	0	7	0	0	76	0	0	76	0	71
BUTTE	0	41,654	0	0	0	18,448	1,324	0	1,496	135	74	11,316	0	2	2,160	0	3,100
CALAVERAS	0	0	0	0	0	122	3	0	41	0	0	33	0	0	16	0	3
COLUSA	1,094	56,501	0	183	0	10,523	418	0	9,779	93	36	20,979	1	0	3,073	78	4,926
CONTRA COSTA	2,261	287	7	0	0	219	549	0	601	83	7	2,759	0	0	379	0	17,166
DEL NORTE	0	319	0	0	0	33	0	0	0	23	0	0	0	0	12	0	2
EL DORADO	0	504	0	0	0	56	0	0	6	81	0	29	0	0	11	0	184
FRESNO	2,268	2,582	0	246	0	4,556	23,247	0	45,971	2,290	272	85,124	20	174	4,047	654	34,540
GLENN	1,580	31,015	0	0	0	6,163	467	0	1,372	49	62	9,794	0	0	621	0	2,765
HUMBOLDT	0	0	0	0	0	11	0	0	0	171	0	0	0	0	6	0	611
IMPERIAL	457	0	1,821	10,051	678	1,061	41	226	7,893	243	266	48,382	48	0	48,939	1,621	69,192
INYO	0	0	0	0	0	160	0	2	96	6	0	192	0	4	94	2	78
KERN	3,143	586	0	187	482	2,750	7,721	0	9,676	3,175	4,105	77,906	0	0	4,751	112	53,112
KINGS	8,392	3	0	15	50	224	1,653	0	4,746	1,884	8	42,509	42	0	2,345	7	4,187
LAKE	0	0	0	0	0	141	0	0	472	13	0	251	0	0	120	0	126
LASSEN	0	0	0	0	0	2,541	0	0	116	0	0	3	0	0	281	0	21
LOS ANGELES	0	27	1	355	0	450	150	0	139	195	0	340	151	0	475	0	6,239
MADERA	95	381	0	85	0	651	3,084	0	5,596	2,855	22	16,658	0	0	674	313	7,070
MARIN	0	0	0	0	0	34	0	0	0	0	0	5	17	0	1	0	113
MARIPOSA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MENDOCINO	0	0	0	10	0	29	0	4	96	8	0	41	0	0	25	0	973
MERCED	325	23	0	72	0	3,041	9,344	0	12,307	390	0	21,211	0	4	1,851	3	38,695
MODOC	227	0	0	0	40	1,412	494	0	197	0	0	835	0	0	1,874	48	6
MONO	0	0	0	0	0	275	0	0	0	0	0	6	0	0	37	0	0
MONTEREY	0	0	15	24,945	0	3,559	2,088	79	17,735	818	0	10,325	137	0	1,388	815	37,025
NAPA	5	0	0	0	0	38	0	1	127	224	0	18	0	0	13	0	802
NEVADA	0	66	0	0	0	0	32	4	0	0	0	80	0	0	8	0	74
ORANGE	0	0	695	167	0	655	0	1	689	225	0	145	24	4	666	5	8,258
PLACER	0	2,967	0	0	0	484	0	0	59	1	0	153	0	0	98	0	757
PLUMAS	0	0	0	0	0	80	0	0	0	0	0	0	0	0	0	0	9
RIVERSIDE	2,735	23	0	5,353	267	1,420	102	0	6,300	1,568	0	9,564	0	0	2,817	234	25,715
SACRAMENTO	922	2,987	10	0	0	1,228	100	0	1,038	609	0	3,752	3	0	897	0	2,786
SAN BENITO	0	0	0	143	0	117	4	16	2,257	36	0	326	0	0	2	0	12,112
SAN BERNARDINO	0	0	0	3	0	163	8	2	215	342	0	193	0	0	1,160	3	1,756
SAN DIEGO	0	0	88	117	0	768	85	2	2,424	11,017	218	491	3	0	4,321	13	18,692
SAN FRANCISCO	28	49	0	0	0	75	16	0	0	0	0	80	0	0	1	0	76
SAN JOAQUIN	730	2,005	108	34	0	8,896	2,384	0	53,381	21,606	49	86,574	249	0	23,312	42	19,601
SAN LUIS OBISPO	0	73	0	1,155	0	641	528	0	557	951	31	1,283	0	15	85	553	1,423
SAN MATEO	0	91	17	0	0	76	13	1	0	102	0	13	0	0	39	0	1,509
SANTA BARBARA	17	0	0	8,087	0	464	1,355	0	1,238	1,079	36	12,591	0	0	165	2,985	8,680
SANTA CLARA	0	0	6	29	0	194	3	0	506	322	0	392	7	0	178	0	13,285
SANTA CRUZ	0	0	7	34	0	524	26	109	694	485	0	281	1	0	106	4,960	9,052
SHASTA	564	0	8	27	0	4,535	3	0	28	41	0	476	0	0	4,041	34	13,498
SISKIYOU	268	0	3	0	27	2,019	269	0	386	0	0	716	0	0	2,436	48	1,022
SOLANO	3,826	1,406	0	201	0	4,169	39	0	1,186	14	0	4,771	48	0	1,031	0	1,056
SONOMA	0	63	7	115	0	152	0	16	516	435	0	99	0	0	46	0	1,452
STANISLAUS	1,212	45	0	1,295	653	7,179	1,757	1	28,467	1,573	2	40,139	0	0	3,053	0	15,689
SUTTER	311	39,000	0	0	0	9,849	308	0	3,027	779	696	7,257	27	0	1,719	0	3,553
TEHAMA	0	543	0	0	0	2,030	16	0	400	112	2	2,336	0	0	440	0	1,307
TULARE	4,392	37	25	12	109	5,416	3,892	0	7,321	2,094	214	36,315	507	0	4,399	1,727	26,307
TUOLUMNE	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	26
VENTURA	0	0	10	1,609	153	1,621	805	0	29,124	490	0	35,418	0	2	952	11	17,782
YOLO	540	20,432	0	130	0	6,443	701	0	9,026	36	0	12,028	52	0	5,135	0	3,658
YUBA	2,692	6,488	0	0	0	1,997	12	0	334	109	34	2,397	3	0	369	0	256
** UNKNOWN **	7,548	3,525	1,106	11,619	0	4,271	337	0	1	5	2,350	87,209	0	0	10,310	351	1,241
TOTAL	45,632	213,712	3,934	66,279	2,459	122,129	63,395	467	267,663	56,767	8,484	694,125	1,340	205	141,108	14,619	492,869

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TONS OF PHOSPHOROUS AND POTASSIUM MATERIALS - FARM USE

COUNY	DIAMMONIUM PHOSPHATE	AMMONIUM PHOSPHATE SULFATE	MONOAMMONIUM PHOSPHATE	PHOSPHORIC ACID	LIQUID AMMONIUM POLYPHOSPHATE	NORMAL SUPERPHOSPHATE	TRIPLE SUPERPHOSPHATE	PHOSPHORUS MATERIALS - ALL OTHER	MURIATE OF POTASH	SULFATE OF POTASH MAGNESIA	POTASSIUM NITRATE	POTASSIUM SULFATE	POTASSIUM MATERIALS - ALL OTHER
ALAMEDA	0	22	3	0	0	0	0	50	0	3	1	100	111
AMADOR	0	0	0	0	48	0	0	127	14	0	0	32	41
BUTTE	0	2,140	3,157	0	3,181	0	49	2,137	7,662	1,545	174	13,644	2,663
CALAVERAS	0	0	0	0	0	0	0	6	8	0	0	652	12
COLUSA	2,791	3,042	2,590	27	2,688	0	9	3,149	327	15	57	3,380	3,714
CONTRA COSTA	0	82	0	3	889	0	0	320	64	0	12	15	438
DEL NORTE	0	859	0	45	0	0	1	3	23	0	0	112	210
EL DORADO	0	33	2	0	28	0	3	22	0	0	10	5	64
FRESNO	99	184	5,178	955	7,546	0	26	34,429	4,453	784	1,303	7,259	41,988
GLENN	62	2,480	837	0	68	0	0	3,146	1,631	0	88	8,498	3,702
HUMBOLDT	0	15	0	6	0	0	0	453	0	7	166	0	523
IMPERIAL	345	3	19,210	4,900	4,448	0	0	9,261	1,358	202	88	1,746	986
INYO	0	0	134	0	0	0	0	19	2	2	9	5	28
KERN	1	461	2,573	9,055	7,479	0	30	29,823	6,549	2,684	594	13,223	40,565
KINGS	164	110	921	569	7,759	465	0	2,236	905	97	181	2,769	3,916
LAKE	0	130	0	0	134	0	6	73	3	51	2	94	206
LASSEN	0	13	239	0	0	0	1	93	24	0	0	0	2,310
LOS ANGELES	0	23	267	48	12	0	22	222	25	2	412	662	388
MADERA	0	27	198	59	815	0	0	9,957	437	153	320	1,775	35,551
MARIN	0	0	0	0	0	0	0	0	0	0	51	0	0
MARIPOSA	0	1	0	0	0	0	0	1	0	5	0	0	0
MENDOCINO	0	26	27	0	26	0	5	298	9	61	2	234	202
MERCED	0	102	2,569	12	1,410	0	0	39,524	2,872	896	317	3,994	9,615
MODOC	0	2,321	880	11	1,293	0	0	52	519	0	0	793	297
MONO	0	0	158	2	0	0	0	0	51	0	16	0	0
MONTEREY	0	2	984	173	1,317	0	17	6,076	1,422	60	342	4,171	8,716
NAPA	0	80	70	0	18	0	39	1,562	0	0	19	315	1,748
NEVADA	0	5	12	0	0	0	0	66	16	0	0	0	59
ORANGE	0	100	69	120	170	0	70	10,483	50	0	39	63	10,693
PLACER	0	677	27	0	9	0	0	690	83	39	4	77	152
PLUMAS	0	0	0	0	0	0	0	0	0	0	0	0	2
RIVERSIDE	1	59	3,014	2,109	3,191	0	123	6,963	2,610	176	228	880	5,911
SACRAMENTO	0	983	431	66	120	0	25	910	590	156	20	359	2,583
SAN BENITO	0	2	8	0	30	0	0	352	8	0	73	98	238
SAN BERNARDINO	0	39	471	52	68	0	30	169	1	1	101	308	171
SAN DIEGO	25	128	344	143	2	0	184	635	26	479	351	2,570	656
SAN FRANCISCO	0	87	0	0	0	0	1	2	0	0	0	97	2
SAN JOAQUIN	26	31	252	195	2,066	0	13	7,446	5,287	1,632	5,626	16,255	11,722
SAN LUIS OBISPO	0	161	15	1	131	0	0	398	38	141	790	177	1,585
SAN MATEO	53	0	73	0	4	0	1,178	562	46	0	51	332	169
SANTA BARBARA	0	3	70	14	381	0	7	4,573	2,202	11	342	1,186	4,743
SANTA CLARA	1	5	4	0	114	0	122	1,622	2	0	32	86	1,427
SANTA CRUZ	0	388	89	0	1	0	43	2,411	0	0	327	173	2,257
SHASTA	0	1,145	1,131	71	0	4	1	2,787	535	115	14	1	2,775
SISKIYOU	0	1,714	1,065	11	473	0	0	844	1,402	0	3	774	553
SOLANO	81	2,736	2,194	64	815	0	12	4,072	1,145	66	11	228	1,517
SONOMA	3	273	19	0	56	0	209	7,556	39	54	46	533	7,424
STANISLAUS	0	51	911	8	1,865	0	0	6,576	7,020	2,126	372	13,333	11,983
SUTTER	574	2,583	1,238	0	1,389	0	15	2,399	759	4	204	2,081	1,028
TEHAMA	0	208	121	0	69	0	2	729	487	0	48	2,338	1,354
TULARE	61	0	3,000	452	1,764	0	0	5,137	3,885	718	1,599	4,591	6,755
TUOLUMNE	0	0	0	0	0	0	0	0	0	0	0	0	0
VENTURA	2	723	574	408	1,915	0	87	16,794	350	58	750	1,603	12,600
YOLO	38	1,342	961	33	2,614	0	25	3,692	387	163	13	999	2,601
YUBA	142	902	171	0	102	0	0	1,660	607	2	65	157	825
** UNKNOWN **	97	88	17,529	1,298	10,503	0	0	2,185	3,195	10,422	578	6,976	996
TOTAL	4,566	26,589	73,790	20,910	67,011	469	2,355	234,752	59,128	22,930	15,851	119,753	250,775

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TONS OF AGRICULTURAL MINERALS - FARM USE

COUNTY	COPPER	IRON	GYPSUM	LIME	SEWAGE SLUDGE	SULFUR	SULFURIC ACID	OTHER SECONDARY/MICROS
ALAMEDA	0	58	68	39	0	38	0	183
AMADOR	0	0	118	295	0	13	0	7
BUTTE	9	17	6,703	4,710	0	1,147	51	3,406
CALAVERAS	0	0	676	230	0	60	0	22
COLUSA	54	1	43,406	13,192	0	746	711	6,327
CONTRA COSTA	0	7	1,305	45	0	721	0	257
DEL NORTE	0	0	1	7	0	0	0	159
EL DORADO	0	26	27	19	0	30	0	12
FRESNO	91	782	670,906	49,492	20,999	36,886	8,619	31,333
GLENN	5	0	10,460	9,156	0	3,722	0	1,463
HUMBOLDT	0	9	12	10,953	0	18	0	82
IMPERIAL	22	46	3,860	34,213	1	1,320	416	3,580
INYO	0	12	16	57	0	1	2	31
KERN	276	11,141	382,066	20,685	36,695	35,783	15,620	65,302
KINGS	7	8	174,697	6,660	29,386	14,013	70,834	8,224
LAKE	0	3	1,141	320	0	211	0	26
LASSEN	0	0	693	0	0	374	0	0
LOS ANGELES	1	308	662	59	385	1,234	1,666	1,081
MADERA	25	14	23,893	3,474	320	6,040	3,380	6,530
MARIN	0	1	49	0	0	30	0	0
MARIPOSA	0	0	5	0	12,343	0	0	0
MENDOCINO	1	3	531	230	0	4,076	0	187
MERCED	8	33	52,350	8,567	4,406	17,645	149	17,520
MODOC	0	0	2,383	316	18,300	613	123	1,568
MONO	0	0	0	148	0	13	125	6
MONTEREY	6	46	6,427	31,959	0	653	1,200	3,626
NAPA	0	1	3,412	3,286	0	15	0	4,419
NEVADA	1	2	100	3	0	0	0	7
ORANGE	0	654	644	42	32	223	0	547
PLACER	1	59	123	350	0	0	0	111
PLUMAS	0	0	0	0	0	0	0	2
RIVERSIDE	2	517	900	16	3,193	468	181	5,437
SACRAMENTO	3	397	3,817	7,884	3,100	1,457	0	7,670
SAN BENITO	0	5	3,572	98	0	23	21	181
SAN BERNARDINO	0	195	585	63	1,465	90	0	520
SAN DIEGO	10	984	3,276	246	752	6	219	2,664
SAN FRANCISCO	0	2	25	30	0	0	0	159
SAN JOAQUIN	10	119	31,051	33,163	315	37,901	1,552	27,168
SAN LUIS OBISPO	14	105	3,275	169,455	0	92	0	978
SAN MATEO	10	338	93	607	0	169	5	114
SANTA BARBARA	9	108	24,326	9,676	0	318	31	4,221
SANTA CLARA	0	267	3,428	1,061	0	20	31	1,467
SANTA CRUZ	10	34	5,127	3,210	0	649	339	927
SHASTA	7	15	6,152	13,994	0	912	0	12,460
SISKIYOU	6	2	2,331	703	0	1,784	146	2,259
SOLANO	2	24	9,407	5,428	1,684	2,100	1	158
SONOMA	0	23	11,687	6,426	0	102	5	2,661
STANISLAUS	37	25	60,275	20,799	0	10,256	302	10,842
SUTTER	52	1	11,178	1,762	0	1,434	0	2,676
TEHAMA	5	27	8,050	3,335	0	285	55	1,039
TRINITY	0	0	0	3	0	0	0	0
TULARE	128	255	62,085	31,825	0	14,348	15,971	17,710
TUOLUMNE	0	0	0	0	0	0	0	0
VENTURA	11	395	1,344	9	1,001	717	3,416	3,387
YOLO	2	1	19,377	3,500	0	2,418	0	38,477
YUBA	21	0	1,334	2,094	0	30	0	450
** UNKNOWN **	206	0	84,226	1,429	0	4,738	184	18,251
TOTAL	1,052	17,070	1,743,655	515,323	134,377	205,942	125,355	317,894

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TONS OF MATERIALS BY USE

COUNTY	FARM USE DRY PACKAGED	FARM USE DRY BULK	FARM USE LIQUID	FARM USE TOTAL	AG MIN DRY PACKAGED	AG MIN DRY BULK	AG MIN LIQUID	AG MIN TOTAL	NONFARM USE DRY PACKAGED	NONFARM USE DRY BULK	NONFARM USE LIQUID	NONFARM USE TOTAL	TOTAL ALL
ALAMEDA	1,656	367	414	2,437	166	167	53	386	12,982	157	1,358	14,497	16,934
AMADOR	71	656	241	968	4	413	16	433	466	0	0	466	1,434
BUTTE	3,948	64,460	63,973	132,381	788	13,519	1,736	16,043	3,586	14,855	775	19,216	151,597
CALAVERAS	1,300	444	140	1,884	648	292	48	988	194	0	0	194	2,078
COLUSA	5,350	86,211	102,814	194,375	1,787	57,452	5,198	64,437	128	2,806	0	2,934	197,309
CONTRA COSTA	602	18,977	9,022	28,601	68	1,456	811	2,335	10,302	678	210	11,190	39,791
DEL NORTE	355	1,090	364	1,809	16	151	0	167	480	0	4	484	2,293
EL DORADO	427	113	612	1,152	58	23	33	114	1,413	4,117	122	5,652	6,804
FRESNO	33,561	812,579	248,245	1,094,385	10,429	776,392	32,287	819,108	7,942	34,278	120	42,340	1,136,725
GLENN	5,389	45,843	47,999	99,231	387	23,694	725	24,806	152	4,325	6	4,483	103,714
HUMBOLDT	1,972	11,039	32	13,043	113	10,950	11	11,074	7,306	98	659	8,063	21,106
IMPERIAL	4,579	182,470	91,246	278,295	1,370	37,460	4,628	43,458	1,051	16,726	71	17,848	296,143
INYO	479	256	217	952	106	1	12	119	3,561	0	10,314	13,875	14,827
KERN	36,075	567,402	213,871	817,348	14,075	529,390	23,103	566,568	6,746	16,472	81	23,299	840,647
KINGS	5,045	234,184	149,399	388,628	1,555	226,839	75,435	303,829	924	5,586	4	6,514	395,142
LAKE	652	2,066	980	3,698	326	1,365	10	1,701	2,671	1,009	20	3,700	7,398
LASSEN	23	4,253	2,434	6,710	0	1,067	0	1,067	27	0	1	28	6,738
LOS ANGELES	10,591	2,465	3,210	16,266	1,977	1,679	1,740	5,396	57,066	33,654	775	91,495	107,761
MADERA	5,751	40,610	48,656	95,017	2,935	33,226	7,515	43,676	833	1,016	22	1,871	96,888
MARIN	218	83	5	306	31	49	0	80	2,837	11,439	156	14,432	14,738
MARIPOSA	12	12,343	0	12,355	5	12,343	0	12,348	1,958	0	0	1,958	14,313
MENDOCINO	6,068	1,506	312	7,886	4,492	504	32	5,028	102,777	69	50,948	153,794	161,680
MERCED	6,551	155,011	86,064	247,626	2,122	84,589	13,967	100,678	1,660	1,439	7	3,106	250,732
MODOC	212	32,000	2,390	34,602	11	23,166	126	23,303	2	28	0	30	34,632
MONO	16	688	133	837	0	167	125	292	51	0	2	53	890
MONTEREY	7,141	72,406	84,543	164,090	2,643	39,026	2,248	43,917	6,791	43,885	59	50,735	214,825
NAPA	1,280	21,535	1,327	24,142	267	10,295	571	11,133	668	1,670	4	2,342	26,484
NEVADA	125	149	283	557	15	95	3	113	142,092	1,830	36,324	180,246	180,803
ORANGE	12,148	1,851	4,042	18,041	1,811	264	67	2,142	28,391	29,016	691	58,098	76,139
PLACER	1,028	3,422	3,741	8,191	153	467	24	644	9,157	115	150	9,422	17,613
PLUMAS	6	80	7	93	2	0	0	2	43	0	0	43	136
RIVERSIDE	16,206	30,996	39,833	87,035	1,668	4,355	4,691	10,714	101,400	28,807	411	130,618	217,653
SACRAMENTO	5,265	26,421	13,353	45,039	1,710	21,166	1,452	24,328	18,337	29,934	1,185	49,456	94,495
SAN BENITO	329	15,383	3,830	19,542	92	3,625	183	3,900	87	143	1	231	19,773
SAN BERNARDINO	4,531	2,769	1,184	8,484	1,002	1,861	55	2,918	29,453	69,530	1,900	100,883	109,367
SAN DIEGO	37,919	11,003	3,058	51,980	4,305	3,315	398	8,018	31,559	20,850	271	52,680	104,660
SAN FRANCISCO	199	203	328	730	38	24	154	216	610	3	191	804	1,534
SAN JOAQUIN	35,740	179,430	188,135	403,305	14,578	98,323	18,378	131,279	41,920	9,744	734	52,398	455,703
SAN LUIS OBISPO	3,822	140,402	7,758	151,982	963	139,595	611	141,169	3,752	32,760	33,668	70,180	222,162
SAN MATEO	4,233	1,287	156	5,676	842	482	12	1,336	7,116	1,554	144	8,814	14,490
SANTA BARBARA	9,208	41,498	35,654	86,360	1,615	34,986	2,088	38,689	5,228	2,157	54	7,439	93,799
SANTA CLARA	3,668	18,298	2,711	24,677	1,280	4,682	312	6,274	15,995	151	1,624	17,770	42,447
SANTA CRUZ	2,683	22,878	2,828	28,389	630	9,180	486	10,296	10,305	1,023	417	11,745	40,134
SHASTA	714	57,856	1,437	60,007	172	33,317	51	33,540	2,719	0	96	2,815	62,822
SISKIYOU	437	18,569	2,258	21,264	56	7,027	148	7,231	391	1,112	4	1,507	22,771
SOLANO	1,125	30,370	18,007	49,502	732	17,973	99	18,804	6,581	2,452	95	9,128	58,630
SONOMA	3,522	21,646	2,991	28,159	960	19,305	639	20,904	7,805	44,170	1,310	53,285	81,444
STANISLAUS	10,190	121,720	113,524	245,434	4,552	83,372	14,612	102,536	5,354	14,438	120	19,912	265,346
SUTTER	1,693	41,296	55,911	98,900	741	14,573	1,789	17,103	1,765	662	24	2,451	101,351
TEHAMA	805	22,663	5,258	28,726	51	12,257	488	12,796	7,155	2	102	7,259	35,985
TRINITY	3	0	0	3	3	0	0	3	1,402	0	202	1,604	1,607
TULARE	17,161	154,960	91,475	263,596	6,394	111,435	24,493	142,322	13,597	17,053	384	31,034	294,630
TUOLUMNE	0	4	26	30	0	0	0	0	2,119	0	104	2,223	2,253
VENTURA	12,736	11,482	89,645	113,863	1,418	2,592	6,270	10,280	11,675	1,301	60	13,036	126,899
YOLO	1,698	80,350	53,474	135,522	854	61,963	958	63,775	6,044	28	25	6,097	141,619
YUBA	285	9,785	12,702	22,772	75	3,654	200	3,929	381	554	68	1,003	23,775
** UNKNOWN **	14,667	123,339	155,265	293,271	1,688	89,651	17,695	109,034	272,552	4,272	58,045	334,869	628,140
TOTAL	341,470	3,561,167	2,067,517	5,970,154	94,779	2,665,214	266,786	3,026,779	1,019,559	507,968	204,122	1,731,649	7,701,803

STATE OF CALIFORNIA - DEPARTMENT OF FOOD AND AGRICULTURE
TONNAGE REPORT OF COMMERCIAL FERTILIZERS AND AGRICULTURAL MINERALS
JANUARY 2013 - DECEMBER 2013
TONS OF NUTRIENTS BY FORM - INCLUDES FARM AND NONFARM

COUNTY	ALL N	ALL P205	ALL K2O	ALL TOTAL	DRY N	DRY P205	DRY K20	DRY TOTAL	LIQUID N	LIQUID P205	LIQUID K20	LIQUID TOTAL
ALAMEDA	1,379	56	162	1,597	1,262	51	146	1,459	117	5	16	138
AMADOR	145	143	65	354	105	53	59	217	40	90	6	136
BUTTE	21,407	5,031	14,216	40,653	7,642	2,810	13,504	23,956	13,764	2,221	712	16,697
CALAVERAS	54	6	343	403	35	2	333	370	19	4	10	33
COLUSA	30,800	7,321	5,629	43,749	7,816	4,212	3,656	15,684	22,984	3,109	1,973	28,065
CONTRA COSTA	20,469	640	489	21,599	17,285	104	177	17,566	3,185	536	312	4,032
DEL NORTE	219	200	280	699	155	175	280	610	64	24	0	88
EL DORADO	334	41	71	445	219	28	64	311	115	13	7	135
FRESNO	81,060	20,989	29,315	131,365	23,542	8,747	9,263	41,552	57,518	12,242	20,052	89,813
GLENN	15,811	4,129	8,968	28,908	4,054	3,020	8,140	15,214	11,757	1,109	828	13,694
HUMBOLDT	668	459	598	1,725	653	456	598	1,707	15	3	0	18
IMPERIAL	115,000	23,568	2,757	141,325	91,997	11,307	2,384	105,687	23,004	12,261	373	35,638
INYO	252	89	36	376	184	82	36	302	67	7	0	74
KERN	91,242	23,639	36,369	151,250	20,151	7,799	16,655	44,604	71,091	15,840	19,714	106,646
KINGS	29,822	5,631	5,430	40,883	5,050	1,789	2,802	9,640	24,772	3,842	2,629	31,243
LAKE	408	147	267	822	212	95	183	490	196	53	84	333
LASSEN	733	220	2,324	3,278	705	220	16	942	28	0	2,308	2,336
LOS ANGELES	6,948	413	920	8,280	6,536	251	820	7,608	411	162	100	673
MADERA	15,008	5,008	6,759	26,776	4,066	2,154	1,821	8,041	10,942	2,854	4,938	18,734
MARIN	132	0	22	155	130	0	22	153	2	0	0	2
MARIPOSA	741	248	125	1,113	741	248	125	1,113	0	0	0	0
MENDOCINO	1,034	328	339	1,701	899	319	334	1,551	135	10	5	150
MERCED	51,281	17,013	13,716	82,010	32,266	3,449	7,906	43,620	19,015	13,564	5,810	38,389
MODOC	3,424	1,785	1,188	6,397	2,933	1,432	934	5,299	491	353	254	1,098
MONO	96	83	38	217	94	82	38	214	2	1	0	3
MONTEREY	50,580	5,809	10,937	67,326	25,218	922	4,000	30,140	25,362	4,888	6,937	37,187
NAPA	907	830	1,097	2,834	713	714	847	2,274	194	116	250	560
NEVADA	124	73	69	266	55	70	17	142	69	3	52	124
ORANGE	9,223	1,480	1,464	12,168	7,931	465	642	9,037	1,292	1,016	822	3,130
PLACER	1,669	843	251	2,762	930	700	245	1,875	739	142	6	887
PLUMAS	26	0	2	28	19	0	2	21	7	0	0	7
RIVERSIDE	35,990	6,802	3,855	46,646	25,165	3,188	3,060	31,413	10,825	3,614	795	15,234
SACRAMENTO	6,700	1,481	3,191	11,371	3,344	869	1,420	5,633	3,356	611	1,771	5,738
SAN BENITO	12,676	217	294	13,187	11,609	42	138	11,789	1,067	175	156	1,398
SAN BERNARDINO	2,643	495	364	3,502	2,188	430	361	2,978	455	65	3	523
SAN DIEGO	23,348	1,029	2,224	26,600	22,589	755	2,088	25,431	759	274	136	1,169
SAN FRANCISCO	166	20	51	237	105	20	51	175	61	0	0	61
SAN JOAQUIN	74,654	8,415	25,859	108,928	21,523	2,244	18,089	41,856	53,130	6,171	7,770	67,072
SAN LUIS OBISPO	2,829	483	2,075	5,387	800	293	1,047	2,140	2,029	190	1,028	3,248
SAN MATEO	1,613	1,168	385	3,166	1,572	1,166	382	3,120	42	1	3	46
SANTA BARBARA	15,750	3,134	5,177	24,061	6,787	1,090	3,725	11,603	8,963	2,044	1,452	12,459
SANTA CLARA	13,698	1,720	1,485	16,904	13,001	1,527	1,019	15,547	697	194	466	1,356
SANTA CRUZ	10,627	620	532	11,779	9,934	301	398	10,633	693	319	134	1,146
SHASTA	17,260	949	406	18,615	16,533	855	378	17,766	727	94	28	849
SISKIYOU	3,568	1,907	1,783	7,258	2,898	1,560	1,488	5,946	670	348	294	1,312
SOLANO	8,485	6,148	2,354	16,987	2,411	2,300	1,103	5,814	6,074	3,849	1,251	11,173
SONOMA	1,788	1,837	1,786	5,411	1,223	1,516	1,222	3,961	565	321	564	1,450
STANISLAUS	38,472	6,473	22,256	67,201	6,520	1,713	15,284	23,517	31,951	4,761	6,972	43,684
SUTTER	18,477	4,303	2,615	25,394	6,686	3,023	2,152	11,861	11,791	1,280	463	13,534
TEHAMA	2,939	858	2,836	6,634	1,331	621	2,362	4,314	1,609	236	474	2,319
TULARE	47,984	7,569	12,243	67,796	25,466	3,548	7,452	36,466	22,518	4,021	4,792	31,330
TUOLUMNE	27	0	0	27	1	0	0	1	26	0	0	26
VENTURA	35,910	7,304	2,988	46,202	8,927	5,140	1,667	15,734	26,983	2,165	1,321	30,469
YOLO	18,000	4,511	2,480	24,991	4,370	1,256	1,162	6,789	13,630	3,255	1,318	18,202
YUBA	5,410	1,539	802	7,751	968	1,275	739	2,982	4,442	265	63	4,769
** UNKNOWN **	48,242	15,634	8,948	72,825	7,620	11,300	6,513	25,433	40,622	4,334	2,435	47,392
TOTAL	998,249	210,839	251,233	1,460,321	467,171	97,784	149,347	714,303	531,078	113,055	101,886	746,019