Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
ABAMECTIN					
Almond		2,067.53	1,435	178,684.80	A
Bean, Dried		19.76	25	1,397.20	A
Cantaloupe		4.34	9	552.00	A
Cherry		59.09	54	2,634.74	A
Cotton		170.20	350	18,641.36	A
Eggplant		0.16	3	16.78	A
Grape		150.34	232	11,141.12	A
Grape, Wine		26.41	12	1,331.50	A
Grapefruit		8.48	12	382.40	A
Landscape Maintenance		15.21			
Lemon		38.01	42	1,617.38	A
Lettuce, Leaf		1.52	1	76.00	A
Melon		1.11	4	145.00	A
N-Grnhs Plants In Containers		0.03		24.00	A
		0.01			
Total Pounds On This Commodity	0.04				
N-Outdr Plants In Containers		7.96	32	814.60	A
Nectarine		5.69	3	228.25	A
Onion, Dry		3.35	6	169.90	A
Orange		411.19	355	19,348.22	A
Peach		2.08	2	98.80	A
Pepper, Fruiting		29.93	50	2,199.16	A
Pepper, Spice		1.19	1	79.50	A
Pistachio		1.07	5	1,025.40	A
Plum		0.23	2	44.76	A
Pumpkin		0.08	1	5.00	A
Squash		0.73	2	58.20	A
Structural Pest Control		0.17			
Tangelo		6.53	9	349.75	A
Tangerine		397.12	278	21,187.47	A
Tomato, Processing		2.67	2	135.00	A
Walnut		5.75	6	285.50	A
Watermelon		27.36	41	2,043.93	A
Chemical Total		3,465.31	2,974		
ABAMECTIN, OTHER RELATED					
Structural Pest Control		< 0.01			
Chemical Total		< 0.01			
S-ABSCISIC ACID					
Grape		1,058.96	138	4,901.38	A
Chemical Total		1,058.96	138		
ACEPHATE					
Bean, Dried		1,208.40	21	1,375.40	A
Lettuce, Head		250.02	9	257.00	A
N-Outdr Plants In Containers		78.86	5	98.00	A
Orange		17.46	2	24.00	A
Pepper, Fruiting		244.78	8	302.00	A
Pistachio		118.98	4	186.66	A
Structural Pest Control		3.40			
Tangerine		2,384.01	36	5,391.50	A
Chemical Total		4,305.91	85		

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
ACEQUINOCYL					
Grapefruit		12.85	1	40.00	A
Lemon		222.38	8	558.22	A
N-Outdr Plants In Containers		0.61	9	3.65	A
Orange		343.63	21	1,017.00	A
Tangerine		246.17	12	653.44	A
Chemical Total		825.64	51		
ACETAMIPRID					
Almond		436.64	31	3,683.91	A
Apple		5.60	2	80.00	A
Blueberry		61.17	22	660.50	A
Cantaloupe		7.55	2	75.00	A
Cherry		195.09	31	1,502.50	A
Cotton		2,197.24	445	34,981.34	A
Grape		28.39	7	425.00	A
Grape, Wine		11.04	24	212.40	A
Grapefruit		7.80	4	89.10	A
Lemon		6.13	2	70.00	A
N-Grnhs Plants In Containers		1.30		30.00	A
		0.12			
Total Pounds On This Commodity	1.42				
N-Outdr Plants In Containers		7.94	15	88.60	A
Orange		372.57	55	4,126.04	A
Pepper, Fruiting		34.86	18	785.16	A
Pistachio		763.65	31	4,510.08	A
Potato		5.58	1	75.00	A
Pumpkin		0.37	1	5.00	A
Rights Of Way		5.62			
Stone Fruit		0.23	2	4.00	A
Structural Pest Control		21.62			
Tangelo		4.89	3	55.90	A
Tangerine		17.18	8	196.30	A
Tomato		1.67	2	22.42	A
Chemical Total		4,194.24	706		
ACETIC ACID					
Orange		3.30	6	135.00	A
Pepper, Fruiting		0.11	2	45.50	A
Chemical Total		3.41	8		
ACIBENZOLAR-S-METHYL					
Landscape Maintenance		0.22			
Chemical Total		0.22			
ACROLEIN					
Rights Of Way		41,618.54			
Water Area		1,420.98		650.00	C
		818.01		7.00	U
Total Pounds On This Commodity	2,238.99				
Water Filter		710.49		240.00	C
Chemical Total		44,568.02			
ACRYLAMIDE/SODIUM ACRYLATE COPOLYMER					

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Alfalfa	2.90	4	418.22	A
Almond	18.50	5	125.40	A
Cotton	13.57	14	2,225.00	A
Oat (Forage - Fodder)	0.09	1	32.00	A
Pistachio	0.72	8	206.68	A
Rights Of Way	4.40			
Tomato, Processing	2.11	2	340.00	A
Uncultivated Ag	2.33	3	226.89	A
Wheat	5.22	1	38.00	A
Chemical Total	49.84	38		
ACRYLIC ACID				
Almond	17.41	6	160.27	A
Bean, Dried	11.99	2	148.00	A
Cotton	47.43	12	2,413.00	A
Grape	532.49	237	8,644.40	A
Grape, Wine	115.93	33	1,450.17	A
N-Outdr Plants In Containers	0.61	3	15.00	A
Orange	21.52	14	1,306.00	A
Pistachio	16.59	3	117.00	A
Stone Fruit	0.04	1	1.00	A
Uncultivated Ag	0.65	1	1.00	A
Chemical Total	764.65	312		
AGROBACTERIUM RADIOBACTER, STRAIN K1026				
Almond	< 0.01	16	4,861.67	A
Chemical Total	< 0.01	16		
ALCOHOLS, C4-C12, NORMAL				
Grapefruit	45.94	4	60.60	A
Orange	254.99	5	288.70	A
Chemical Total	300.92	9		
ALPHA-ALKYLARYL-OMEGA-HYDROXYPOLY(OXYETHYLENE)				
Alfalfa	215.84	14	870.10	A
Almond	15,699.80	451	60,398.13	A
Bean, Dried	0.80	1	20.00	A
Blueberry	71.85	7	239.00	A
Carrot	0.13	2	150.00	A
Cherry	37.41	5	106.00	A
Corn (Forage - Fodder)	268.52	28	1,437.00	A
Cotton	55.27	20	1,266.00	A
Grape	7,104.49	265	7,893.53	A
Grape, Wine	253.33	20	384.18	A
Lemon	62.47	4	75.00	A
Nectarine	13.33	5	22.06	A
Orange	2,589.50	56	3,609.40	A
Peach	219.98	26	482.47	A
Pistachio	18.45	4	61.00	A
Potato	0.03	1	75.00	A
Rights Of Way	7.13			
Ryegrass	12.06	1	68.60	A
Safflower	6.45	2	73.66	A
Sorghum/Milo	160.46	24	1,873.50	A
Tangelo	14.73	2	21.00	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Tangerine	182.36	12	534.55	A
Tomato, Processing	1,105.21	13	802.08	A
Uncultivated Ag	19.15	1	109.00	A
Walnut	2.90	2	39.00	A
Wheat	423.31	33	2,181.46	A
Wheat (Forage - Fodder)	521.86	41	3,157.42	A
Chemical Total	29,066.82	1,040		
ALPHA-ALKYLARYL-OMEGA-HYDROXYPOLY(OXYETHYLENE) PHOSPHATE				
Almond	121.64	8	1,430.73	A
Cotton	2.41	4	140.00	A
Pistachio	6.89	4	266.89	A
Pomegranate	614.16	118	36,744.61	A
Chemical Total	745.11	134		
ALKYL (50%C14, 40%C12, 10%C16) DIMETHYLBENZYL AMMONIUM CHLORIDE				
Cherry	9.89	1	40.00	A
Structural Pest Control	< 0.01			
Water (Industrlial)	2,652.51		1.00	U
Chemical Total	2,662.40	1		
ALKYL (58%C14, 28%C16, 14%C12) DIMETHYLBENZYL AMMONIUM CHLORIDE				
Orange	0.04	2	20.00	A
Chemical Total	0.04	2		
ALKYL (60%C14, 30%C16, 5%C12, 5%C18) DIMETHYLBENZYL AMMONIUM CHLORIDE				
Lemon	0.64	1	40.00	A
Orange	0.30	2	19.00	A
Chemical Total	0.94	3		
ALKYL (68%C12, 32%C14) DIMETHYLETHYLBENZYL AMMONIUM CHLORIDE				
Lemon	0.64	1	40.00	A
Orange	0.30	2	19.00	A
Chemical Total	0.94	3		
ALPHA-ALKYL (C8-C18)-OMEGA-HYDROXYPOLY(OXYETHYLENE) POLY (OXYPROPYLENE)				
Orange	53.82	2	204.36	A
Chemical Total	53.82	2		
ALPHA-ALKYL (C9-C11)-OMEGA-HYDROXYPOLY(OXYETHYLENE)				
Alfalfa	114.27	29	1,779.54	A
Almond	6,418.91	877	55,366.91	A
Apricot	58.75	16	553.24	A
Bean, Dried	4.93	2	130.00	A
Blueberry	3.30	3	35.00	A
Broccoli	196.83	79	2,690.97	A
Brussels Sprout	2.24	15	44.60	A
Cabbage	47.83	72	637.80	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Carrot	9.29	7	269.00	A
Cauliflower	55.46	40	770.57	A
Cherry	144.78	17	645.94	A
Collard	0.52	4	15.71	A
Corn (Forage - Fodder)	216.73	48	3,125.04	A
Corn, Grain	11.27	3	150.00	A
Cotton	344.29	152	7,396.68	A
Garlic	30.64	19	927.76	A
Grape	449.11	27	4,017.57	A
Grape, Wine	201.51	80	4,062.53	A
Grapefruit	5.81	7	71.90	A
Kale	2.42	4	65.09	A
Landscape Maintenance	9.87			
Lemon	107.67	22	793.00	A
Lettuce, Head	5.90	3	75.00	A
Lettuce, Leaf	11.97	6	97.51	A
Mustard	0.47	5	9.69	A
N-Outdr Plants In Containers	23.57	7	182.10	A
Nectarine	0.83	1	7.00	A
Onion, Dry	22.90	8	356.70	A
Orange	1,578.02	177	9,719.56	A
Pistachio	767.11	171	8,802.66	A
Plum	55.19	16	535.46	A
Pomegranate	565.38	12	1,619.17	A
Potato	1.88	1	75.00	A
Rights Of Way	37.21			
Rutabaga	0.11	2	3.18	A
Sorghum/Milo	33.07	16	685.08	A
Spinach	24.65	7	205.85	A
Stone Fruit	0.14	1	3.00	A
Sudangrass	8.16	7	551.20	A
Swiss Chard	3.29	1	14.61	A
Tangelo	47.51	10	283.80	A
Tangerine	609.25	101	5,182.77	A
Tomato, Processing	153.77	33	2,662.00	A
Turnip	0.02	1	0.76	A
Walnut	50.36	6	285.50	A
Watermelon	21.32	7	458.00	A
Wheat	17.62	11	663.00	A
Chemical Total	12,476.12	2,133		
ALPHA-ALKYL (C9-C16)-OMEGA-HYDROXYPOLY(OXYETHYLENE)				
Alfalfa	104.93	9	575.60	A
Almond	12,763.20	583	57,690.95	A
Cherry	54.65	12	504.50	A
Corn (Forage - Fodder)	10.69	3	182.00	A
Cotton	67.56	8	501.00	A
Grape	73.43	4	541.30	A
Grape, Wine	52.00	6	232.73	A
Lemon	9.85	1	35.00	A
Orange	72.64	7	258.00	A
Pistachio	1,397.09	111	9,042.77	A
Rights Of Way	1.97			
	< 0.01	1	0.01	A
Total Pounds On This Commodity 1.97				
Tangerine	73.76	5	460.19	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Wheat (Forage - Fodder)	58.29	3	276.00	A
Chemical Total	14,740.06	753		
ALPHA-ALKYL (C9-C18)-OMEGA-HYDROXYPOLY(OXYETHYLENE)				
Almond	535.63	79	6,486.41	A
Pistachio	123.21	9	1,614.52	A
Chemical Total	658.84	88		
ALPHA-ALKYL (C10-C14)-OMEGA-HYDROXYPOLY(OXYETHYLENE)				
Alfalfa	74.90	24	1,785.70	A
Bean, Dried	6.88	2	94.00	A
Cotton	37.51	5	185.00	A
Chemical Total	119.29	31		
ALPHA-ALKYL (C12-C16)-OMEGA-HYDROXYPOLY(OXYETHYLENE)				
Alfalfa	9.31	24	1,785.70	A
Bean, Dried	0.86	2	94.00	A
Cotton	4.66	5	185.00	A
Chemical Total	14.82	31		
ALPHA-PINENE BETA-PINENE COPOLYMER				
Alfalfa	354.60	7	519.20	A
Almond	2,262.12	70	8,105.76	A
Bean, Dried	10.77	1	72.20	A
Blueberry	25.30	4	237.00	A
Broccoli	20.14	6	118.00	A
Cabbage	0.44	1	2.00	A
Cantaloupe	44.54	4	261.00	A
Carrot	67.43	5	249.00	A
Cauliflower	1.26	1	6.00	A
Cherry	158.18	10	292.00	A
Grape	3,036.06	348	15,025.70	A
Grapefruit	54.06	7	85.00	A
Lemon	34.80	3	54.00	A
Melon	4.26	1	25.00	A
N-Outdr Plants In Containers	5.84	1	76.00	A
Nectarine	79.72	3	129.00	A
Onion, Dry	321.26	23	2,049.10	A
Orange	1,660.22	130	2,524.06	A
Pepper, Fruiting	145.37	20	867.83	A
Pistachio	487.28	6	834.82	A
Potato	514.39	45	2,943.00	A
Pumpkin	2.19	2	10.00	A
Rights Of Way	13.66			
Sorghum/Milo	70.34	6	411.50	A
Tangelo	6.21	1	10.00	A
Tangerine	72.73	9	119.00	A
Tomato, Processing	385.18	36	2,375.65	A
Watermelon	13.92	4	172.00	A
Chemical Total	9,852.24	754		
ALPHA-ALKYL (C12-C14)-OMEGA-HYDROXYPOLY(OXYETHYLENE)				
Alfalfa	121.88	22	1,388.00	A
Almond	5,592.30	168	16,612.88	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Apple	887.11	16	744.00	A
Cherry	86.33	10	507.00	A
Corn (Forage - Fodder)	50.97	8	519.30	A
Cotton	76.69	12	425.00	A
Grape	15.03	10	220.00	A
Pistachio	5.98	1	15.54	A
Sorghum/Milo	85.20	15	872.22	A
Wheat	11.64	1	157.00	A
Wheat (Forage - Fodder)	35.27	7	457.80	A
Chemical Total	6,968.40	270		
ALPHA-ALKYL (C12-C15)-OMEGA-HYDROXYPOLY(OXYETHYLENE) SULFATE, SODIUM SALT				
Cherry	11.26	3	96.00	A
Grape	7.09	7	430.00	A
Grape, Wine	5.64	8	90.97	A
Grapefruit	4.56	2	39.20	A
Orange	67.13	25	616.20	A
Tangelo	13.09	2	112.50	A
Chemical Total	108.79	47		
ALKYL (C8,C10) POLYGLUCOSIDE				
Alfalfa	2.67	3	145.00	A
Almond	117.59	20	241.29	A
Blueberry	41.69	2	64.16	A
Cherry	75.23	12	353.70	A
Grapefruit	47.17	8	147.10	A
Orange	709.65	61	1,853.43	A
Pistachio	171.18	9	519.77	A
Rights Of Way	148.80			
Tangelo	27.65	2	85.80	A
Tangerine	5.72	2	12.90	A
Chemical Total	1,347.34	119		
ALKYL (C12-C15)-POLY(OXYPROPYLENE) POLY(OXYETHYLENE) - IODINE COMPLEX				
Alfalfa	45.27	11	662.00	A
Almond	178.23	89	2,161.34	A
Orange	56.97	3	109.00	A
Pistachio	80.43	12	430.59	A
Chemical Total	360.90	115		
D-TRANS ALLETHRIN				
Landscape Maintenance	< 0.01			
Structural Pest Control	0.51			
Chemical Total	0.51			
ALLYLOXYPOLYETHYLENE GLYCOL ACETATE				
Cherry	2.69	2	56.00	A
Cotton	3.12	1	68.00	A
Orange	6.23	1	29.00	A
Chemical Total	12.04	4		

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
ALMOND, BITTER					
Pomegranate		< 0.01	1	39.38	A
Chemical Total		< 0.01	1		
ALUMINUM PHOSPHIDE					
Alfalfa		3.96	1	38.00	A
Almond		199.78	40	3,599.80	A
		8.58		2,125.00	U
		7.29		485.00	T
		2.22		873,000.00	P
Total Pounds On This Commodity	217.87				
Commodity Fumigation		6,950.82			
Fumigation, Other		1,962.92			
Grape, Wine		0.69	5	74.71	A
Landscape Maintenance		588.71			
Pistachio		98.01		444,000.00	C
Rights Of Way		36.83			
Sorghum/Milo		14.40		1.20	T
Structural Pest Control		443.20			
Tangerine		57.71	6	379.50	A
Vertebrate Control		1,114.95			
Wheat		83.48		8,405.40	T
Chemical Total		11,573.55	52		
AMINO ETHOXY VINYL GLYCINE HYDROCHLORIDE					
Walnut		36.45	9	395.50	A
Chemical Total		36.45	9		
AMINOPYRALID, TRIISOPROPANOLAMINE SALT					
Landscape Maintenance		2.63			
Rights Of Way		890.19			
Chemical Total		892.83			
4-AMINOPYRIDINE					
Landscape Maintenance		0.17			
Structural Pest Control		0.22			
Chemical Total		0.38			
AMMONIUM NITRATE					
Alfalfa		4.58	16	789.00	A
Almond		288.32	521	29,615.90	A
Blueberry		0.43	3	35.00	A
Cherry		20.51	12	288.50	A
Corn (Forage - Fodder)		25.85	43	2,777.64	A
Corn, Grain		1.45	3	150.00	A
Cotton		11.87	26	1,409.00	A
Grape		2.51	6	222.00	A
Grape, Wine		9.51	40	3,171.66	A
Grapefruit		22.46	8	147.10	A
N-Outdr Plants In Containers		0.39	2	32.60	A
Onion, Dry		0.26	1	18.00	A
Orange		267.53	59	1,760.40	A
Pistachio		179.80	178	9,251.43	A
Potato		0.24	1	75.00	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Rights Of Way	4.57			
Sorghum/Milo	4.27	16	685.08	A
Tangelo	13.17	2	85.80	A
Tangerine	1.64	1	10.70	A
Chemical Total	859.37	938		
AMMONIUM PROPIONATE				
Alfalfa	469.35	80	3,782.75	A
Almond	5,286.78	626	46,484.83	A
Carrot	5.28	1	46.00	A
Cherry	24.08	3	120.66	A
Corn (Forage - Fodder)	395.06	68	4,015.00	A
Cotton	377.10	57	3,851.20	A
Garlic	44.42	5	311.00	A
Grape	128.11	16	440.66	A
Grape, Wine	2.14	2	80.00	A
Lemon	9.38	11	47.40	A
Nectarine	12.88	2	39.00	A
Onion, Dry	16.22	2	86.00	A
Orange	773.53	130	3,613.18	A
Pistachio	812.27	132	9,349.50	A
Rights Of Way	128.74			
Uncultivated Ag	6.30	3	62.40	A
Chemical Total	8,491.61	1,138		
AMMONIUM SULFATE				
Alfalfa	2,163.68	214	12,266.31	A
Almond	13,525.38	1,318	84,377.84	A
Apricot	78.31	16	553.24	A
Bean, Dried	425.10	2	141.70	A
Blueberry	10.54	3	35.00	A
Carrot	1.32	1	46.00	A
Cherry	258.12	30	816.79	A
Corn (Forage - Fodder)	1,428.11	190	11,653.24	A
Corn, Grain	36.00	3	150.00	A
Cotton	1,634.32	178	10,157.30	A
Garlic	17.05	6	353.00	A
Grape	1,621.63	193	8,935.86	A
Grape, Wine	871.21	69	4,358.67	A
Grapefruit	44.92	8	147.10	A
Lemon	2.34	11	47.40	A
N-Outdr Plants In Containers	71.51	44	96.30	A
Nectarine	4.71	3	46.00	A
Oat (Forage - Fodder)	1.77	1	25.00	A
Onion, Dry	14.78	4	134.00	A
Orange	901.93	207	6,065.24	A
Peach	33.31	9	188.43	A
Pistachio	3,040.26	323	18,911.78	A
Plum	651.61	72	2,939.77	A
Pomegranate	4,194.67	8	1,706.15	A
Potato	6.00	1	75.00	A
Rights Of Way	3,271.27			
Sorghum/Milo	226.52	28	1,728.08	A
Sudangrass	39.08	7	551.20	A
Tangelo	26.33	2	85.80	A
Tangerine	69.65	20	389.62	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Tomato, Processing	2.41	1	34.00	A
Triticale	24.53	6	311.00	A
Uncultivated Ag	63.37	14	458.10	A
Uncultivated Non-Ag	2.83		20.00	A
Wheat	20.72	4	250.26	A
Wheat (Forage - Fodder)	438.99	76	5,325.58	A
Chemical Total	35,224.29	3,072		
AMYL ACETATE				
Grape, Wine	0.85	2	80.00	A
Chemical Total	0.85	2		
ARSENIC PENTOXIDE				
Fumigation, Other	9,239.61			
Chemical Total	9,239.61			
ASPERGILLUS FLAVUS STRAIN AF36				
Pistachio	2.03	112	25,356.53	A
Chemical Total	2.03	112		
AZADIRACHTIN				
Apricot	0.73	4	73.00	A
Beet	11.56	28	409.24	A
Blueberry	4.35	2	154.00	A
Broccoli	96.78	101	3,447.63	A
Brussels Sprout	4.79	41	176.28	A
Cabbage	41.58	171	1,586.47	A
Cauliflower	45.85	85	1,646.15	A
Celery	4.29	11	117.32	A
Cherry	0.09	2	3.02	A
Collard	7.52	65	266.25	A
Daikon	0.37	4	12.93	A
Grape	23.13	24	1,058.75	A
Grape, Wine	1.29	11	47.25	A
Kale	29.40	70	1,038.16	A
Kohlrabi	0.45	5	15.82	A
Leek	4.19	6	148.27	A
Lemon	26.18	22	1,143.79	A
Lettuce, Leaf	90.78	114	3,272.91	A
Melon	0.74	5	27.59	A
Mustard	5.89	64	208.66	A
N-Outdr Plants In Containers	0.32	2	13.00	A
Nectarine	2.04	8	298.00	A
Onion, Dry	15.15	12	536.61	A
Onion, Green	20.31	54	719.11	A
Orange	35.40	35	1,600.19	A
Peach	0.61	2	82.00	A
Pepper, Fruiting	2.43	4	72.50	A
Persimmon	1.47	7	47.50	A
Plum	0.32	2	20.00	A
Pomegranate	0.42	1	15.00	A
Rutabaga	1.48	28	48.91	A
Spinach	0.26	1	9.04	A
Swiss Chard	7.45	17	243.49	A
Tangerine	184.58	143	9,476.86	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Tomato	9.51	20	432.72	A
Tomato, Processing	39.34	20	1,467.38	A
Turnip	1.12	19	39.64	A
Watermelon	3.91	7	138.36	A
Chemical Total	726.05	1,217		
AZOXYSTROBIN				
Alfalfa	0.56	1	44.00	A
Almond	5,722.71	279	29,251.17	A
Broccoli	13.56	9	163.50	A
Cabbage	2.93	1	15.00	A
Carrot	889.49	81	4,407.37	A
Chinese Cabbage (Nappa)	22.12	2	454.00	A
Cotton	3,148.65	77	18,706.50	A
Garlic	378.97	51	2,580.14	A
Grape	844.02	104	4,300.41	A
Grape, Wine	2,229.57	32	1,549.67	A
Landscape Maintenance	21.79			
N-Outdr Plants In Containers	48.60	29	454.80	A
Onion, Dry	123.59	10	575.30	A
Orange	21.64	5	112.50	A
Parsley	160.36	11	767.30	A
Pepper, Fruiting	123.20	16	602.80	A
Potato	1,865.46	118	9,076.67	A
Radish	0.52	1	4.50	A
Squash	3.53	2	17.16	A
Sweet Potato	188.02	16	886.90	A
Tomato, Processing	208.98	19	1,988.05	A
Watermelon	57.90	5	380.00	A
Wheat	45.06	34	1,620.00	A
Wheat (Forage - Fodder)	21.44	2	110.00	A
Chemical Total	16,142.69	905		
BACILLUS AMYLOLIQUEFACIENS STRAIN D747				
Carrot	256.49	25	812.36	A
Chemical Total	256.49	25		
BACILLUS PUMILUS, STRAIN QST 2808				
Arrugula	9.09	22	78.38	A
Cabbage	6.11	11	50.94	A
Carrot	6.26	3	52.11	A
Collard	12.14	25	109.01	A
Grape	523.04	170	7,542.87	A
Kale	47.98	27	424.86	A
Kohlrabi	0.43	1	3.61	A
Lettuce, Leaf	315.54	95	2,762.42	A
Mustard	8.46	19	74.50	A
N-Outdr Plants In Containers	12.12	6	190.30	A
Onion, Dry	49.84	14	415.20	A
Radish	0.88	1	7.35	A
Spinach	53.97	48	474.27	A
Squash	5.80	2	48.30	A
Chemical Total	1,051.68	444		
BACILLUS SPHAERICUS, SEROTYPE H-5A5B, STRAIN 2362				

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Public Health	38.38			
Chemical Total	38.38			
BACILLUS THURINGIENSIS (BERLINER), SUBSP. AIZAWAI, GC-91 PROTEIN				
Orange	14.16	1	18.88	A
Chemical Total	14.16	1		
BACILLUS THURINGIENSIS, SUBSP. AIZAWAI, STRAIN ABTS-1857				
Beet	107.93	8	133.26	A
Broccoli	56.68	2	69.98	A
Brussels Sprout	46.80	10	57.78	A
Cabbage	180.11	15	222.36	A
Cauliflower	113.75	6	140.44	A
Celery	18.59	2	22.96	A
Collard	72.01	20	88.93	A
Daikon	6.31	2	7.79	A
Kale	303.18	23	374.30	A
Kohlrabi	5.34	2	6.58	A
Lettuce, Leaf	283.89	7	350.12	A
Mustard	49.61	17	61.24	A
Rutabaga	18.72	10	23.11	A
Spinach	15.65	2	19.33	A
Swiss Chard	43.51	4	53.71	A
Tomato, Processing	100.70	4	224.00	A
Turnip	19.99	8	24.68	A
Chemical Total	1,442.77	142		
BACILLUS THURINGIENSIS (BERLINER), SUBSP. ISRAELENSIS, SEROTYPE H-14				
Public Health	23.56			
Structural Pest Control	< 0.01			
Chemical Total	23.56			
BACILLUS THURINGIENSIS, SUBSP. ISRAELENSIS, STRAIN AM 65-52				
Public Health	125,115.84			
Chemical Total	125,115.84			
BACILLUS THURINGIENSIS (BERLINER), SUBSP. KURSTAKI, SEROTYPE 3A,3B				
Grape	19.55	5	221.13	A
Pepper, Fruiting	5.12	1	80.00	A
Chemical Total	24.67	6		
BACILLUS THURINGIENSIS, SUBSP. KURSTAKI, STRAIN ABTS-351, FERMENTATION SOLIDS AND SOLUBLES				
Alfalfa	41.04	1	76.00	A
Almond	173.42	4	210.50	A
Blueberry	32.00	2	118.50	A
Cantaloupe	82.35	2	152.50	A
Grape	21,008.55	720	42,500.63	A
Grape, Wine	156.60	6	290.00	A
Grapefruit	94.88	9	175.70	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Lemon	51.57	3	103.00	A
Lettuce, Leaf	118.72	6	312.00	A
Orange	1,974.16	71	3,730.86	A
Peach	1,143.50	30	2,116.00	A
Pepper, Fruiting	123.88	6	323.00	A
Plum	94.79	4	175.54	A
Tangelo	46.33	2	85.80	A
Tangerine	177.93	7	572.00	A
Tomato, Processing	170.25	6	336.00	A
Chemical Total	25,489.97	879		
BACILLUS THURINGIENSIS, SUBSP. KURSTAKI, STRAIN HD-1				
Alfalfa	3.30	1	32.00	A
Almond	16.78	4	192.70	A
Grape	172.49	35	1,807.74	A
Orange	18.13	3	160.00	A
Plum	27.83	5	270.15	A
Potato	7.31	1	71.00	A
Tangerine	15.08	1	240.00	A
Watermelon	5.67	2	110.00	A
Chemical Total	266.58	52		
BACILLUS THURINGIENSIS (BERLINER), SUBSP. KURSTAKI, STRAIN SA-11				
Alfalfa	17.55	3	234.00	A
Brussels Sprout	17.90	3	14.04	A
Cabbage	11.20	15	121.39	A
Cantaloupe	20.40	2	16.00	A
Cauliflower	5.51	5	50.74	A
Cherry	32.30	3	76.00	A
Collard	49.70	10	56.51	A
Grape	542.91	20	953.39	A
Grape, Wine	0.43	1	0.50	A
Grapefruit	17.00	1	18.00	A
Kale	147.49	10	204.90	A
Lettuce, Head	19.59	8	237.00	A
Lettuce, Leaf	23.01	8	215.98	A
Mustard	10.98	7	25.10	A
N-Outdr Plants In Containers	1.33	3	1.07	A
Orange	721.55	20	1,192.38	A
Rutabaga	6.99	3	5.48	A
Spinach	1.60	1	14.19	A
Tomato	6.38	1	5.00	A
Tomato, Processing	76.29	7	140.19	A
Watermelon	128.35	5	274.00	A
Chemical Total	1,858.45	136		
BACILLUS THURINGIENSIS (BERLINER), SUBSP. KURSTAKI STRAIN SA-12				
Lemon	356.39	5	562.00	A
Orange	1,883.64	25	3,084.85	A
Plum	34.00	2	20.00	A
Tangelo	48.30	1	70.00	A
Tangerine	2,659.89	32	4,059.19	A
Chemical Total	4,982.22	65		

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
BENEFIN				
Landscape Maintenance	0.63			
Lettuce, Head	105.00	2	70.00	A
Chemical Total	105.63	2		
BENSULIDE				
Bok Choy	184.42	3	52.00	A
Canola (Rape)	261.75	6	91.00	A
Chinese Cabbage (Nappa)	167.25	6	74.00	A
Gai Lon	74.36	2	25.00	A
Landscape Maintenance	90.18			
Watermelon	29.74	1	5.00	A
Chemical Total	807.70	18		
BENTONITE				
Almond	91.98	2	102.20	A
Carrot	1,141.73	113	5,581.53	A
Cherry	171.00	8	285.00	A
Grape, Wine	0.15	1	0.50	A
Grapefruit	448.02	12	192.70	A
Lemon	280.80	6	162.00	A
N-Outdr Plants In Containers	0.30	2	1.00	A
Orange	5,970.24	124	4,197.20	A
Potato	365.77	21	1,283.43	A
Tangelo	154.44	3	85.80	A
Tangerine	4,152.92	43	5,656.89	A
Tomato	5.53	1	36.88	A
Tomato, Processing	55.45	6	470.13	A
Chemical Total	12,838.33	342		
BENZOIC ACID				
Alfalfa	74.67	127	7,725.94	A
Almond	174.33	430	19,237.93	A
Apple	12.36	26	1,348.67	A
Bean, Dried	5.96	14	650.60	A
Carrot	1.63	5	189.00	A
Cherry	1.97	2	38.50	A
Corn (Forage - Fodder)	44.89	91	5,489.05	A
Corn, Grain	1.62	3	150.00	A
Corn, Human Consumption	0.05	2	18.00	A
Cotton	87.60	167	10,368.40	A
Garlic	4.71	14	872.00	A
Grape	2.71	26	353.47	A
Grape, Wine	19.52	121	2,472.84	A
N-Outdr Plants In Containers	7.86	57	303.20	A
Oat (Forage - Fodder)	0.04	1	39.00	A
Onion, Dry	1.41	5	260.70	A
Pistachio	20.92	40	1,489.49	A
Potato	3.36	9	501.00	A
Rights Of Way	0.48			
Sorghum/Milo	12.38	42	2,329.31	A
Tangerine	0.16	1	20.00	A
Triticale	0.89	2	92.00	A
Uncultivated Ag	0.78	4	9.00	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Walnut	0.45	5	168.00	A
Wheat	14.10	48	2,624.10	A
Wheat (Forage - Fodder)	10.85	30	2,080.57	A
Chemical Total	505.71	1,272		
N6-BENZYL ADENINE				
Apple	54.98	4	169.80	A
Cherry	0.20	3	29.00	A
Chemical Total	55.18	7		
BIFENAZATE				
Almond	9,070.74	185	13,454.69	A
Apple	21.00	2	43.00	A
Apricot	55.02	3	110.03	A
Cherry	265.32	18	619.24	A
Grape	3,040.75	110	6,098.67	A
Grape, Wine	4,757.94	31	9,827.50	A
N-Outdr Plants In Containers	31.82	27	310.61	A
Nectarine	3.50	1	7.00	A
Peach	0.05	1	0.80	A
Pepper, Fruiting	14.00	2	28.81	A
Plum	202.52	8	405.03	A
Stone Fruit	0.11	2	2.00	A
Tangerine	95.65	3	191.30	A
Walnut	105.00	1	140.00	A
Chemical Total	17,663.41	394		
BIFENTHRIN				
Alfalfa	28.80	3	289.90	A
Almond	14,354.85	762	88,930.58	A
Bean, Dried	84.52	12	829.00	A
Broccoli	23.66	12	230.00	A
Canola (Rape)	0.96	1	23.00	A
Cantaloupe	49.37	10	627.00	A
Carrot	8.03	4	79.00	A
Chinese Cabbage (Nappa)	1.54	1	23.00	A
Corn (Forage - Fodder)	395.72	73	4,552.02	A
Cotton	346.15	41	3,614.80	A
Eggplant	1.87	6	33.56	A
Grape	0.25	1	2.57	A
Landscape Maintenance	26.24			
Melon	9.62	4	145.00	A
Orange	26.84	7	404.00	A
Pepper, Fruiting	31.79	15	637.90	A
Pistachio	14,244.89	479	69,061.38	A
Potato	123.07	30	1,659.00	A
Rights Of Way	1.26			
Squash	3.27	1	42.30	A
Structural Pest Control	2,026.76			
Tangerine	3.24	3	42.00	A
Tomato, Processing	26.44	4	350.00	A
Walnut	18.18	2	108.50	A
Watermelon	19.22	7	345.00	A
Chemical Total	31,856.50	1,478		

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
N,N-BIS-(2-OMEGA-HYDROXYPOLY(OXYETHYLENE)ETHYL)ALKYLAMINE, ALKYL DERIVED FROM TALLOW FATTY ACIDS				
Alfalfa	328.52	76	5,572.43	A
Almond	6,590.15	622	45,163.78	A
Apple	220.52	83	2,636.40	A
Asparagus	0.41	3	228.00	A
Bean, Dried	52.86	14	715.04	A
Blueberry	1.07	4	237.00	A
Bok Choy	1.14	2	50.00	A
Broccoli	26.41	31	621.98	A
Cabbage	2.37	2	68.00	A
Canola (Rape)	0.82	1	23.00	A
Cantaloupe	9.63	8	476.00	A
Carrot	1,173.65	157	10,435.90	A
Cauliflower	0.05	1	6.00	A
Cherry	40.97	21	535.93	A
Corn (Forage - Fodder)	383.47	102	5,420.00	A
Corn, Grain	5.00	1	70.00	A
Cotton	1,182.23	204	13,436.68	A
Gai Lon	0.68	1	30.00	A
Garlic	78.15	18	1,022.05	A
Grape	906.06	456	17,488.32	A
Grape, Wine	150.93	67	3,029.40	A
Grapefruit	21.19	13	140.00	A
Lemon	23.90	9	167.00	A
Lettuce, Head	1.99	1	35.00	A
Lettuce, Leaf	22.67	5	267.00	A
Melon	4.50	4	145.00	A
N-Outdr Plants In Containers	61.12	37	1,169.50	A
Nectarine	70.44	9	614.25	A
Oat	18.27	6	499.00	A
Oat (Forage - Fodder)	1.02	1	25.00	A
Onion, Dry	67.73	31	2,429.10	A
Orange	1,195.79	342	6,180.97	A
Parsley	12.92	6	290.30	A
Peach	2.35	1	40.00	A
Pepper, Fruiting	51.45	67	2,575.57	A
Persimmon	2.28	1	20.00	A
Pistachio	2,312.45	191	20,788.83	A
Pomegranate	100.67	7	1,331.73	A
Potato	149.76	71	4,816.20	A
Pumpkin	0.09	2	10.00	A
Radish	0.57	1	4.00	A
Rights Of Way	0.58			
Sorghum/Milo	2.97	6	411.50	A
Squash	1.66	2	58.20	A
Stone Fruit	0.32	2	6.00	A
Tangelo	3.71	2	20.00	A
Tangerine	101.62	21	993.63	A
Tomato, Processing	119.99	72	4,757.36	A
Uncultivated Ag	16.21	4	284.20	A
Walnut	8.55	1	30.00	A
Watermelon	72.12	48	2,107.43	A
Wheat	474.35	104	6,549.00	A
Wheat (Forage - Fodder)	224.22	66	3,889.50	A
Chemical Total	16,302.55	3,007		

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
BISPYRIBAC-SODIUM				
Landscape Maintenance	0.13			
Chemical Total	0.13			
BORAX				
Rights Of Way	2,084.84			
Structural Pest Control	9.23			
Chemical Total	2,094.07			
BORIC ACID				
Fumigation, Other	29,786.33			
Structural Pest Control	916.28			
Chemical Total	30,702.61			
BOSCALID				
Alfalfa	72.41	6	353.18	A
Almond	3,919.21	245	19,454.34	A
Apple	144.87	17	657.00	A
Apricot	49.02	8	241.59	A
Blueberry	37.16	6	124.20	A
Broccoli	133.26	18	338.48	A
Carrot	1,741.94	161	10,316.09	A
Cherry	637.53	69	2,959.00	A
Garlic	116.90	8	392.99	A
Grape	11,886.19	1,015	55,925.92	A
Grape, Wine	3,043.44	87	15,407.38	A
Landscape Maintenance	19.28			
Lettuce, Leaf	4.82	1	10.00	A
N-Outdr Plants In Containers	62.20	12	282.00	A
Nectarine	15.75	3	70.25	A
Onion, Dry	315.75	30	1,549.70	A
Peach	9.14	1	40.00	A
Pepper, Fruiting	37.05	4	241.92	A
Pistachio	1,630.52	85	7,456.69	A
Plum	37.10	9	196.30	A
Potato	31.89	3	213.00	A
Squash	3.38	2	17.16	A
Watermelon	42.11	2	145.00	A
Chemical Total	23,990.92	1,792		
BRODIFACOUM				
Structural Pest Control	0.03			
Chemical Total	0.03			
BROMACIL				
Grapefruit	40.80	3	29.00	A
Landscape Maintenance	2,653.96			
Lemon	1,139.65	21	786.53	A
Orange	10,180.24	146	7,170.53	A
Rights Of Way	2,703.52			
Tangerine	480.20	10	429.00	A
Chemical Total	17,198.36	180		

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
BROMADIOLONE					
Landscape Maintenance		< 0.01			
Lemon		< 0.01	1	141.00	A
Orange		< 0.01	4	308.00	A
Public Health		0.04			
Structural Pest Control		0.09			
Vertebrate Control		< 0.01	1	192.00	A
		< 0.01			
Total Pounds On This Commodity	< 0.01				
Chemical Total		0.14	6		
BROMETHALIN					
Landscape Maintenance		< 0.01			
Public Health		< 0.01			
Structural Pest Control		0.02			
Chemical Total		0.02			
BROMINE CHLORIDE					
Water (Industrlial)		49.49		2.00	U
Chemical Total		49.49			
1-BROMO-3-CHLORO-5,5-DIMETHYL HYDANTOIN					
Water (Industrlial)		293.10		3.00	U
Chemical Total		293.10			
BROMOXYNIL HEPTANOATE					
Alfalfa		349.34	18	1,452.00	A
Barley		28.54	2	215.00	A
Garlic		420.23	20	1,222.60	A
N-Outdr Plants In Containers		93.45	28	487.55	A
Onion, Dry		353.65	48	3,727.20	A
Rights Of Way		6.24			
Turf/Sod		11.71	3	46.00	A
Wheat		444.03	27	1,391.85	A
Wheat (Forage - Fodder)		224.81	11	694.00	A
Chemical Total		1,932.00	157		
BROMOXYNIL OCTANOATE					
Alfalfa		384.13	19	1,532.00	A
Barley		29.60	2	215.00	A
Garlic		435.79	20	1,222.60	A
N-Outdr Plants In Containers		96.92	28	487.55	A
Onion, Dry		413.27	50	3,870.20	A
Rights Of Way		6.47			
Ryegrass		14.56	1	40.00	A
Triticale		44.31	1	121.70	A
Turf/Sod		12.14	3	46.00	A
Wheat		613.86	32	1,819.85	A
Wheat (Forage - Fodder)		233.13	11	694.00	A
Chemical Total		2,284.19	167		
BUPROFEZIN					

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Almond		8,468.61	61	6,320.29	A
Cabbage		9.00	2	38.00	A
Cantaloupe		37.05	2	110.00	A
Cotton		3,935.39	59	10,794.50	A
Grape		11,912.96	424	22,912.48	A
Grape, Wine		506.80	25	930.70	A
Grapefruit		29.40	1	15.00	A
Lettuce, Head		21.07	2	68.00	A
Melon		13.48	2	40.00	A
N-Grnhs Plants In Containers		13.65		30.00	A
		2.63			
Total Pounds On This Commodity	16.28				
Orange		3,223.39	35	1,633.66	A
Pistachio		7,895.29	30	5,133.49	A
Pomegranate		3,205.73	19	2,124.17	A
Tangelo		42.88	1	24.50	A
Tangerine		1,764.18	30	888.08	A
Tomato, Processing		45.24	2	155.30	A
Chemical Total		41,126.73	695		
2-BUTOXYETHANOL					
Almond		48.66	8	1,430.73	A
Cotton		0.96	4	140.00	A
Pistachio		2.76	4	266.89	A
Pomegranate		245.67	118	36,744.61	A
Chemical Total		298.04	134		
BUTYL ALCOHOL					
Alfalfa		89.85	73	4,834.54	A
Almond		5,788.13	817	75,404.56	A
Bean, Dried		7.78	2	168.00	A
Cherry		6.19	3	81.00	A
Corn (Forage - Fodder)		29.63	18	941.64	A
Corn, Grain		4.87	5	225.00	A
Cotton		86.37	31	2,595.40	A
Grape		25.29	31	952.93	A
Grape, Wine		898.18	178	17,707.82	A
Lemon		118.75	15	1,686.00	A
N-Outdr Plants In Containers		6.20	16	171.40	A
Oat (Forage - Fodder)		0.73	1	39.00	A
Olive		0.73	1	9.25	A
Onion, Dry		0.12	1	5.00	A
Orange		508.12	33	5,323.50	A
Pistachio		2,248.00	381	33,150.67	A
Pomegranate		166.55	24	3,014.85	A
Potato		23.67	7	437.00	A
Rights Of Way		5.42			
Sorghum/Milo		1.22	5	173.00	A
Tangerine		28.21	7	299.00	A
Triticale		2.34	2	92.00	A
Uncultivated Ag		0.08	1	0.90	A
Walnut		0.99	2	17.00	A
Wheat		12.34	13	649.00	A
Wheat (Forage - Fodder)		23.70	41	3,043.46	A
Chemical Total		10,083.45	1,708		

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
ALPHA-(PARA-TERT-BUTYLPHENYL)-OMEGA-HYDROXYPOLY(OXYETHYLENE) PHOSPHATE					
Alfalfa		30.74	22	1,162.80	A
Almond		514.25	37	4,535.00	A
Apple		948.49	9	435.40	A
Bean, Dried		1.41	1	35.00	A
Broccoli		2.17	3	33.00	A
Onion, Dry		6.38	2	198.00	A
Pistachio		24.09	2	149.50	A
Chemical Total		1,527.53	76		
CALCIUM CARBONATE					
Water (Industrlial)		194,832.23		172,804.00	T
		16,464.00		14,011.00	K
Total Pounds On This Commodity	211,296.23				
Chemical Total		211,296.23			
CALCIUM CHLORIDE					
Alfalfa		63.57	52	4,130.58	A
Almond		139.76	30	2,203.30	A
Apple		113.25	16	822.50	A
Bean, Dried		15.03	19	1,061.60	A
Corn (Forage - Fodder)		24.56	19	1,238.49	A
Cotton		1.94	3	185.00	A
Grape		3.53	1	28.00	A
N-Outdr Plants In Containers		1.89	1	18.00	A
Oat (Forage - Fodder)		0.42	1	40.00	A
Orange		22.67	1	29.00	A
Sorghum/Milo		62.79	49	3,698.61	A
Wheat		3.07	4	292.90	A
Wheat (Forage - Fodder)		23.28	30	2,219.81	A
Chemical Total		475.77	226		
CALCIUM HYDROXIDE					
Cherry		2,385.00	4	106.00	A
Grapefruit		14,060.05	28	505.50	A
Lemon		54,168.33	54	2,640.56	A
Orange		613,946.64	550	24,640.34	A
Tangelo		13,821.62	14	644.87	A
Tangerine		153,561.68	110	10,325.42	A
Chemical Total		851,943.32	760		
CALCIUM HYPOCHLORITE					
Ditch Bank		40,854.40		357.00	U
		22,940.54		482.16	S
		6,011.20		111.63	A
		5,746.00		65.20	K
Total Pounds On This Commodity	75,552.14				
Water Area		91,555.20			
		56,922.80			
Total Pounds On This Commodity	148,478.00				
Chemical Total		224,030.14			

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
CAPSICUM OLEORESIN				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
CAPTAN				
Almond	14,940.20	31	5,759.80	A
Blueberry	312.38	7	124.00	A
Cherry	61.78	3	39.40	A
Grape	47.15	21	914.57	A
Structural Pest Control	0.02			
Chemical Total	15,361.53	62		
CAPTAN, OTHER RELATED				
Almond	337.80	31	5,759.80	A
Blueberry	6.99	7	124.00	A
Cherry	1.42	3	39.40	A
Grape	1.05	21	914.57	A
Chemical Total	347.26	62		
CARBARYL				
Apple	1,842.28	36	1,075.60	A
Cherry	1,792.72	5	225.60	A
Cotton	3.31	1	37.80	A
Landscape Maintenance	0.09			
Olive	688.33	11	484.00	A
Pepper, Fruiting	227.05	4	174.70	A
Pistachio	2,049.42	19	1,245.72	A
Squash	8.58	1	8.58	A
Tomato, Processing	3,200.00	42	5,433.50	A
Uncultivated Non-Ag	12.50		1,000.00	A
Chemical Total	9,824.28	119		
CARBO METHOXY ETHER CELLULOSE, SODIUM SALT				
Grape	4.81	29	1,193.30	A
Pomegranate	1.22	1	39.38	A
Chemical Total	6.03	30		
CARBON				
Landscape Maintenance	0.09			
Chemical Total	0.09			
CARBON DIOXIDE				
Commodity Fumigation	209.90			
Grape	11,486.25	2	864.00	A
Lemon	300.00	1	15.00	A
Chemical Total	11,996.15	3		
CARFENTRAZONE-ETHYL				
Almond	283.52	136	10,579.31	A
Barley	10.31	5	665.00	A
Bean, Dried	9.84	11	408.70	A
Cherry	20.92	50	1,272.63	A
Corn (Forage - Fodder)	2.04	4	232.00	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Cotton	42.09	39	1,794.70	A
Fig	10.29	2	703.00	A
Grape	70.45	147	5,383.53	A
Grape, Wine	7.72	49	771.67	A
Grapefruit	0.47	2	17.36	A
Landscape Maintenance	5.76			
N-Outdr Plants In Containers	4.60		105.00	A
Nectarine	1.14	2	39.00	A
Oat	2.71	6	171.00	A
Oat (Forage - Fodder)	6.89	16	513.08	A
Olive	0.07	1	4.89	A
Orange	26.15	81	2,100.87	A
Peach	1.59	3	74.07	A
Persimmon	0.30	1	10.00	A
Pistachio	34.41	33	1,376.05	A
Pomegranate	630.09	114	29,705.87	A
Potato	0.71	1	30.00	A
Rights Of Way	1.49			
Ryegrass	4.32	7	294.60	A
Sorghum/Milo	0.72	5	48.00	A
Tangelo	0.60	1	38.70	A
Tangerine	6.17	34	701.89	A
Tomato, Processing	1.87	2	85.00	A
Triticale	16.23	21	1,263.00	A
Uncultivated Ag	20.26	19	1,310.38	A
Walnut	0.08	2	5.20	A
Watermelon	0.94	1	40.00	A
Wheat	190.91	262	13,851.22	A
Wheat (Forage - Fodder)	108.15	140	8,691.77	A
Chemical Total	1,523.81	1,197		
CASEIN				
Almond	6.90	2	102.20	A
Carrot	85.63	113	5,581.53	A
Cherry	12.83	8	285.00	A
Grape, Wine	362.51	2	620.50	A
Grapefruit	33.60	12	192.70	A
Lemon	11.78	5	127.00	A
N-Outdr Plants In Containers	0.02	2	1.00	A
Orange	400.04	123	4,117.20	A
Potato	23.88	21	1,283.43	A
Tangelo	11.58	3	85.80	A
Tangerine	179.29	42	5,616.89	A
Tomato	0.41	1	36.88	A
Tomato, Processing	3.84	6	470.13	A
Chemical Total	1,132.31	340		
CASTOR OIL ETHOXYLATE				
Almond	151.47	8	500.73	A
Chemical Total	151.47	8		
CHENOPODIUM AMBROSIODES NEAR AMBROSIODES				
Orange	141.51	4	155.23	A
Pepper, Fruiting	97.26	1	160.00	A
Tangerine	2,012.40	39	2,813.05	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Tomato	215.75	3	154.70	A
Chemical Total	2,466.92	47		
CHLORANTRANILIPROLE				
Alfalfa	58.83	22	1,701.30	A
Almond	1,655.83	228	20,096.37	A
Apple	88.16	27	1,343.38	A
Bean, Dried	37.37	14	745.74	A
Cabbage	4.99	4	76.00	A
Carrot	2.10	1	40.00	A
Cherry	3.55	2	43.50	A
Chinese Cabbage (Nappa)	1.21	1	23.00	A
Corn (Forage - Fodder)	4.59	2	73.00	A
Corn, Human Consumption	0.47	1	9.00	A
Grape	590.06	188	9,748.28	A
Grape, Wine	223.87	63	3,919.34	A
Grapefruit	4.15	3	50.00	A
Landscape Maintenance	13.07			
Lemon	0.88	1	10.00	A
Lettuce, Head	27.71	12	422.00	A
N-Outdr Plants In Containers	36.97	12	418.00	A
Orange	312.21	120	3,938.33	A
Peach	5.79	1	58.80	A
Pepper, Fruiting	116.23	47	2,073.51	A
Pepper, Spice	4.17	1	79.50	A
Pistachio	293.83	52	3,655.40	A
Plum	24.79	7	255.10	A
Pomegranate	71.32	10	809.72	A
Potato	95.33	26	1,471.93	A
Sorghum/Milo	20.19	5	384.50	A
Structural Pest Control	0.48			
Tangelo	1.38	2	21.00	A
Tangerine	199.42	45	3,049.62	A
Tomato, Processing	263.42	63	4,858.96	A
Walnut	33.02	8	417.70	A
Watermelon	15.69	8	332.80	A
Chemical Total	4,211.05	976		
CHLORFENAPYR				
Structural Pest Control	1,158.62			
Chemical Total	1,158.62			
CHLORINE				
Water (Industrlial)	475,615.42		4,448,556.00	T
Water Area	105,493.88		1.00	U
Chemical Total	581,109.30			
5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE				
Water (Industrlial)	6.06		3.00	U
Chemical Total	6.06			
CHLOROPHACINONE				
Almond	0.04	2	200.00	A
Landscape Maintenance	< 0.01			

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Structural Pest Control		< 0.01			
Vertebrate Control		1.40			
Chemical Total		1.44	2		
CHLOROPICRIN					
Almond		186.00	5	1,037.00	A
Eggplant		1,007.05	1	10.00	A
N-Outdr Flower		217.80	1	2.00	A
N-Outdr Plants In Containers		688.42	2	7.80	A
Pepper, Fruiting		23,490.58	16	506.80	A
Strawberry		570.18	3	3.53	A
Chemical Total		26,160.04	28		
CHLOROTHALONIL					
Almond		35,473.94	125	12,489.26	A
Apricot		311.06	4	126.00	A
Bok Choy		22.47	1	20.00	A
Broccoli		45.08	2	40.00	A
Carrot		19,673.83	208	15,244.55	A
Gai Choy		22.47	1	20.00	A
Gai Lon		16.29	1	26.00	A
Garlic		933.69	13	634.00	A
Landscape Maintenance		1,217.11			
N-Outdr Plants In Containers		64.65	9	63.00	A
Nectarine		818.41	4	484.00	A
Onion, Dry		11,835.18	215	10,394.30	A
Peach		399.14	4	148.00	A
Potato		32,879.05	411	29,821.41	A
Rights Of Way		4.54			
Tomato		595.88	11	444.50	A
Tomato, Processing		9,046.39	47	4,762.49	A
Watermelon		75.03	1	73.00	A
Chemical Total		113,434.20	1,057		
3-CHLORO-P-TOLUIDINE HYDROCHLORIDE					
Vertebrate Control		0.01			
Chemical Total		0.01			
CHLORPROPHAM					
Potato		86.28		1,750.00	T
Chemical Total		86.28			
CHLORPYRIFOS					
Alfalfa		30,546.21	946	66,891.36	A
Almond		37,575.00	227	20,489.94	A
Apple		880.64	10	510.53	A
Asparagus		429.37	6	457.00	A
Corn (Forage - Fodder)		1,120.31	32	1,929.01	A
Cotton		13,282.83	82	13,636.50	A
Fumigation, Other		1.47			
Grape		26,033.38	289	14,506.90	A
		1,830.08		974.00	U
Total Pounds On This Commodity	27,863.47				
Grape, Wine		24,977.15	55	13,293.25	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Grapefruit	188.55	14	151.40	A
Landscape Maintenance	11.62			
Lemon	264.19	3	80.00	A
N-Outdr Plants In Containers	143.53	6	260.50	A
Onion, Dry	613.98	14	726.53	A
Orange	21,858.68	242	9,343.19	A
Peach	42.97	6	114.36	A
Pecan	1,336.49	18	891.32	A
Sorghum/Milo	923.87	23	1,355.89	A
Stone Fruit	1.13	1	3.00	A
Structural Pest Control	0.01			
Sweet Potato	317.68	6	314.50	A
Tangelo	763.25	10	393.30	A
Tangerine	14,295.84	129	9,426.43	A
Walnut	202.55	4	115.00	A
Wheat	1,482.26	44	3,127.20	A
Wheat (Forage - Fodder)	4,042.77	117	8,433.21	A
Chemical Total	183,165.83	2,284		
CHLORSULFURON				
Landscape Maintenance	5.26			
Rights Of Way	116.25			
Chemical Total	121.50			
CHLORTHAL-DIMETHYL				
Bok Choy	855.82	9	178.00	A
Cabbage	241.50	8	160.00	A
Canola (Rape)	726.01	9	176.00	A
Chinese Cabbage (Nappa)	341.12	3	86.00	A
Gai Lon	882.98	13	218.00	A
N-Outdr Plants In Containers	54.34	2	9.00	A
Onion, Dry	37.73	1	5.00	A
Chemical Total	3,139.50	45		
CHOLECALCIFEROL				
Structural Pest Control	0.34			
Chemical Total	0.34			
CHROMIC ACID				
Fumigation, Other	12,908.28			
Chemical Total	12,908.28			
CITRIC ACID				
Alfalfa	579.44	242	15,298.71	A
Almond	4,462.68	783	54,431.77	A
Apple	314.59	16	822.50	A
Apricot	33.40	16	553.24	A
Bean, Dried	43.38	21	1,155.60	A
Carrot	2.64	1	46.00	A
Cherry	28.20	18	528.29	A
Corn (Forage - Fodder)	431.87	165	10,036.09	A
Cotton	500.83	151	8,489.20	A
Garlic	24.75	6	353.00	A
Grape	814.03	223	11,395.86	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Grape, Wine	451.14	22	1,013.51	A
Lemon	4.69	11	47.40	A
N-Outdr Plants In Containers	5.25	1	18.00	A
Nectarine	7.07	3	46.00	A
Oat (Forage - Fodder)	1.92	2	65.00	A
Onion, Dry	9.92	3	116.00	A
Orange	542.14	156	4,510.84	A
Peach	14.20	9	188.43	A
Pepper, Fruiting	0.63	2	45.50	A
Pistachio	417.89	143	9,590.35	A
Plum	277.89	72	2,939.77	A
Rights Of Way	98.73			
Sorghum/Milo	225.98	61	4,741.61	A
Sudangrass	16.67	7	551.20	A
Tangerine	28.31	19	378.92	A
Tomato, Processing	1.03	1	34.00	A
Triticale	10.46	6	311.00	A
Uncultivated Ag	25.80	10	449.10	A
Uncultivated Non-Ag	1.21		20.00	A
Wheat	17.37	8	543.16	A
Wheat (Forage - Fodder)	211.12	101	7,161.39	A
Chemical Total	9,605.23	2,279		
CLARIFIED HYDROPHOBIC EXTRACT OF NEEM OIL				
Beet	223.42	17	244.58	A
Blueberry	70.08	2	36.68	A
Broccoli	3,804.09	96	3,236.47	A
Brussels Sprout	172.02	40	172.56	A
Cabbage	1,284.67	130	1,132.76	A
Cauliflower	1,299.96	57	1,043.39	A
Celery	87.27	13	128.52	A
Cilantro	7.99	1	4.18	A
Collard	287.85	59	237.01	A
Daikon	3.55	3	6.43	A
Garlic	42.99	3	93.78	A
Kale	1,090.30	60	895.02	A
Kohlrabi	15.09	5	15.82	A
Leek	111.08	6	148.27	A
Lettuce, Leaf	3,410.53	122	3,006.85	A
Melon	23.16	5	27.59	A
Mustard	176.25	50	152.40	A
Onion, Dry	2,476.55	39	1,662.24	A
Onion, Green	797.72	58	660.40	A
Rutabaga	47.50	27	44.66	A
Swiss Chard	171.26	13	185.87	A
Tomato	268.16	12	253.00	A
Tomato, Processing	1,253.00	18	1,299.81	A
Turnip	33.59	18	35.39	A
Watermelon	113.41	7	138.36	A
Chemical Total	17,271.47	861		
CLETHODIM				
Alfalfa	2,321.74	128	10,241.25	A
Almond	91.51	10	681.55	A
Bean, Dried	15.87	2	109.00	A
Broccoli	8.13	3	72.00	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Carrot	215.15	26	1,645.26	A
Cherry	150.64	10	661.94	A
Cotton	89.84	25	903.56	A
Garlic	60.17	11	458.00	A
Landscape Maintenance	0.32			
Onion, Dry	408.77	34	2,286.90	A
Potato	7.35	1	55.20	A
Radish	0.53	1	4.00	A
Safflower	32.91	6	247.20	A
Tomato, Processing	32.07	3	171.00	A
Watermelon	209.05	1	40.00	A
Chemical Total	3,644.05	261		
CLOFENTEZINE				
Almond	1,274.70	60	5,536.86	A
Grape	279.14	16	1,075.00	A
Grape, Wine	25.86	2	99.50	A
Peach	10.39	2	66.00	A
Walnut	7.82	1	30.00	A
Chemical Total	1,597.91	81		
CLOPYRALID, MONOETHANOLAMINE SALT				
Landscape Maintenance	1.53			
Regulatory Pest Control	0.03			
Rights Of Way	4.10			
Chemical Total	5.66			
CLOTHIANIDIN				
Almond	126.43	17	1,313.00	A
Cotton	46.19	7	451.00	A
Grape	782.33	125	6,636.30	A
Grape, Wine	55.68	10	419.07	A
Landscape Maintenance	1.15			
N-Outdr Plants In Containers	2.36	1	23.00	A
Pepper, Fruiting	12.29	2	180.00	A
Pomegranate	1.54	1	15.00	A
Chemical Total	1,027.96	163		
COCONUT DIETHANOLAMIDE				
Almond	115.38	129	10,182.54	A
Cherry	51.20	3	96.00	A
Grape	305.08	948	40,428.17	A
Grape, Wine	27.52	16	475.31	A
Grapefruit	20.74	2	39.20	A
Landscape Maintenance	8.37			
Lemon	1.62	2	200.00	A
N-Outdr Plants In Containers	8.34	32	997.80	A
Onion, Dry	0.50	4	303.70	A
Orange	346.45	69	4,490.00	A
Pistachio	3.99	5	272.00	A
Potato	1.08	7	437.00	A
Regulatory Pest Control	0.39			
Structural Pest Control	0.01			
Tangelo	61.07	5	232.50	A
Tangerine	1.92	5	244.00	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total	953.66	1,227		
COCONUT IMIDAZOLINE SODIUM CARBOXYLATE				
Alfalfa	1.85	34	2,250.29	A
Almond	16.98	12	1,140.73	A
Bean, Dried	0.11	4	170.00	A
Cherry	2.29	18	607.00	A
Corn (Forage - Fodder)	0.05	1	50.00	A
Cotton	0.37	6	340.90	A
Lettuce, Head	0.05	2	40.00	A
Sorghum/Milo	1.17	2	133.29	A
Tangerine	1.28	3	191.30	A
Chemical Total	24.17	82		
CONIOTHYRIUM MINITANS STRAIN CON/M/91-08				
Broccoli	3.82	1	18.00	A
Cabbage	3.82	1	18.00	A
Carrot	76.55	12	481.47	A
Chemical Total	84.19	14		
COPPER				
Grape	19,443.31	205	8,596.84	A
Grape, Wine	846.90	18	505.60	A
Grapefruit	226.00	6	90.00	A
Lemon	1,068.50	10	375.00	A
Orange	10,625.09	171	4,084.00	A
Tangelo	25.00	1	10.00	A
Tangerine	264.90	5	94.00	A
Chemical Total	32,499.70	416		
COPPER AMMONIUM CARBONATE				
Fumigation, Other	63,096.32			
Chemical Total	63,096.32			
COPPER AMMONIUM COMPLEX				
Landscape Maintenance	0.06			
Chemical Total	0.06			
COPPER CARBONATE, BASIC				
Rights Of Way	31,472.64			
Chemical Total	31,472.64			
COPPER ETHANOLAMINE COMPLEXES, MIXED				
Fumigation, Other	36,148.88			
Rights Of Way	13.56			
Chemical Total	36,162.44			
COPPER ETHYLENEDIAMINE COMPLEX				
Rights Of Way	5,479.88			
Chemical Total	5,479.88			
COPPER HYDROXIDE				

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Almond	36,622.65	200	19,338.07	A
Apple	1,387.57	16	822.50	A
Apricot	235.11	3	128.00	A
Blueberry	112.97	2	36.68	A
Carrot	8,967.91	123	6,043.50	A
Cherry	748.28	13	401.80	A
Corn (Forage - Fodder)	19.82	1	43.00	A
Garlic	1,012.21	18	842.10	A
Grape	28,386.67	825	45,301.21	A
Grape, Wine	12,262.84	125	18,537.92	A
Lettuce, Head	34.86	2	60.00	A
N-Outdr Plants In Containers	14.98	3	6.50	A
Nectarine	559.65	8	212.00	A
Onion, Dry	3,271.57	84	3,740.45	A
Onion, Green	173.13	17	112.42	A
Orange	1,171.27	5	255.00	A
Peach	255.62	4	112.00	A
Pepper, Fruiting	559.45	30	1,070.15	A
Pistachio	34.11	4	70.00	A
Potato	4,275.98	54	3,280.19	A
Stone Fruit	1.38	1	3.00	A
Tomato	1,183.58	27	1,080.75	A
Tomato, Processing	10,671.20	208	13,076.89	A
Walnut	783.97	6	177.50	A
Watermelon	139.47	6	331.00	A
Chemical Total	112,886.26	1,785		
COPPER NAPHTHENATE				
Rights Of Way	366.58			
Structural Pest Control	0.09			
Chemical Total	366.67			
COPPER OCTANOATE				
Lettuce, Leaf	37.52	2	49.79	A
Spinach	5.42	1	10.00	A
Tomato, Processing	150.67	8	448.00	A
Chemical Total	193.61	11		
COPPER OXIDE (IC)				
Fumigation, Other	5,027.44			
Chemical Total	5,027.44			
COPPER OXIDE (OUS)				
Almond	669.12	3	199.38	A
Blueberry	228.63	2	109.00	A
Carrot	446.85	9	370.80	A
Celery	18.79	2	11.20	A
Cilantro	7.01	1	4.18	A
Grape	6,618.66	122	6,311.00	A
Grape, Wine	58.73	2	56.00	A
Grapefruit	781.91	14	344.20	A
Lemon	1,171.80	8	424.00	A
Lettuce, Leaf	857.44	34	510.99	A
Onion, Dry	620.32	12	502.50	A
Orange	15,862.97	99	6,485.95	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Potato		313.58	7	278.00	A
Tangelo		949.75	3	283.00	A
Tangerine		1,028.83	7	467.00	A
Tomato		149.89	6	87.60	A
Tomato, Processing		1,825.07	49	1,112.16	A
Chemical Total		31,609.35	380		
COPPER OXYCHLORIDE					
Grape		26,718.70	190	10,004.32	A
Grape, Wine		988.15	9	313.50	A
Chemical Total		27,706.85	199		
COPPER OXYCHLORIDE SULFATE					
Grape		1,207.48	19	664.08	A
Chemical Total		1,207.48	19		
COPPER 8-QUINOLINOLEATE					
Rights Of Way		9.42			
Chemical Total		9.42			
COPPER SULFATE (BASIC)					
Almond		2,575.54	9	561.50	A
Apricot		514.50	1	40.00	A
Cherry		4,404.12	15	557.00	A
Grape		26,097.60	387	26,964.87	A
Grape, Wine		1,274.26	27	1,341.50	A
Grapefruit		1,749.48	18	359.50	A
Lemon		9,914.04	50	2,287.56	A
N-Outdr Plants In Containers		20.44	1	23.00	A
Nectarine		3,824.23	5	324.00	A
Orange		104,877.11	424	22,951.27	A
Peach		1,078.75	2	65.00	A
Plum		112.62	2	26.40	A
Tangelo		3,278.45	18	591.35	A
Tangerine		49,045.75	158	14,731.43	A
Tomato, Processing		683.36	6	396.00	A
Watermelon		99.54	1	70.00	A
Chemical Total		209,549.80	1,124		
COPPER SULFATE (PENTAHYDRATE)					
Ditch Bank		10,395.00		31.00	U
		6,919.86		223.00	A
Total Pounds On This Commodity	17,314.86				
Grape		488.29	28	1,340.00	A
Grapefruit		36.53	3	30.00	A
Landscape Maintenance		2,440.33			
Lemon		28.97	1	10.00	A
Orange		18,235.29	57	2,641.96	A
Rights Of Way		35,207.06			
Tangerine		1,531.73	14	238.00	A
Water (Industrlial)		148.50		1.30	K
Water Area		54,152.33		11,036.84	A
		148.50		10.00	K
Total Pounds On This Commodity	54,300.83				

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total		129,732.38	103		
COPPER TRIETHANOLAMINE COMPLEX					
Rights Of Way		6,185.62			
Chemical Total		6,185.62			
COTTONSEED OIL					
Almond		4.03	1	18.00	A
Cherry		62.31	1	20.00	A
Corn (Forage - Fodder)		64.48	1	36.00	A
Grapefruit		4,068.58	4	60.60	A
Orange		22,584.48	5	288.70	A
Chemical Total		26,783.88	12		
CRYOLITE					
Grape		69,458.46	220	10,598.34	A
Grape, Wine		900.48	4	182.50	A
Grapefruit		379.20	3	33.00	A
N-Grnhs Plants In Containers		71.04		30.00	A
		6.72			
Total Pounds On This Commodity	77.76				
N-Outdr Plants In Containers		591.28	5	87.14	A
Orange		35,838.86	58	2,775.28	A
Pepper, Fruiting		883.20	1	115.00	A
Tangerine		2,339.71	11	201.00	A
Chemical Total		110,468.95	302		
CYANURIC ACID, MONOSODIUM SALT					
Pomegranate		83.16	4	42.00	A
Chemical Total		83.16	4		
CYAZOFAMID					
Carrot		1,779.42	156	11,260.96	A
Landscape Maintenance		0.25			
Chemical Total		1,779.67	156		
CYCLANILIDE					
Cotton		10.62	1	76.00	A
Chemical Total		10.62	1		
CYCLOATE					
Beet		50.76	1	17.00	A
Chemical Total		50.76	1		
CYFLUTHRIN					
Alfalfa		171.92	56	3,812.40	A
Cabbage		7.37	5	142.00	A
Cantaloupe		3.41	1	75.00	A
Carrot		2.42	2	80.00	A
Corn (Forage - Fodder)		5.83	3	158.00	A
Grape		59.20	17	1,205.28	A
Grape, Wine		1.80	2	48.00	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Landscape Maintenance	0.01			
Lettuce, Head	26.47	14	508.00	A
N-Outdr Plants In Containers	5.54	6	45.50	A
Orange	57.43	27	884.97	A
Parsley	4.14	2	88.00	A
Pecan	15.88	9	360.00	A
Pepper, Fruiting	0.89	2	19.38	A
Pistachio	10.44	2	230.00	A
Potato	105.37	36	2,089.84	A
Pumpkin	0.23	1	5.00	A
Squash	1.09	2	24.00	A
Structural Pest Control	178.93			
Tangerine	1.33	2	21.60	A
Watermelon	0.37	2	8.85	A
Chemical Total	660.09	191		
BETA-CYFLUTHRIN				
Alfalfa	138.32	90	5,862.82	A
Almond	11.01	9	632.80	A
Broccoli	2.81	6	120.00	A
Corn (Forage - Fodder)	1.07	2	93.00	A
Cotton	0.33	2	110.00	A
Grape	109.78	73	4,378.11	A
Grapefruit	17.22	18	498.60	A
Landscape Maintenance	1.16			
Lemon	33.93	19	705.00	A
N-Outdr Plants In Containers	4.30	4	95.00	A
Nectarine	1.57	2	66.50	A
Orange	805.72	460	23,662.92	A
Peach	29.32	20	1,247.00	A
Pistachio	318.79	114	18,076.62	A
Potato	49.01	63	4,278.71	A
Rights Of Way	0.18			
Structural Pest Control	298.74			
Tangelo	11.59	10	388.18	A
Tangerine	354.48	144	10,378.20	A
Tomato, Processing	1.08	1	65.00	A
Chemical Total	2,190.42	1,037		
CYMOXANIL				
Lettuce, Head	24.22	5	135.00	A
Pepper, Fruiting	26.69	8	276.00	A
Potato	790.87	85	5,477.49	A
Tomato	60.05	11	480.40	A
Tomato, Processing	136.13	21	1,224.05	A
Watermelon	8.75	1	70.00	A
Chemical Total	1,046.71	131		
CYPERMETHRIN				
Structural Pest Control	2,273.73			
Chemical Total	2,273.73			
(S)-CYPERMETHRIN				
Alfalfa	58.69	17	1,290.50	A
Bean, Dried	4.78	2	130.00	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Blueberry	18.30	21	372.00	A
Broccoli	22.29	26	450.64	A
Cabbage	0.25	1	5.00	A
Carrot	0.13	1	5.00	A
Chinese Cabbage (Nappa)	0.51	1	23.00	A
Cotton	10.16	7	398.00	A
Garlic	7.72	3	153.00	A
Lettuce, Head	12.14	7	244.00	A
Onion, Dry	200.86	81	4,041.30	A
Orange	19.88	2	537.00	A
Parsley	46.38	17	1,063.70	A
Pepper, Fruiting	25.50	14	514.07	A
Potato	47.81	34	1,834.00	A
Pumpkin	0.24	1	5.00	A
Safflower	81.42	5	1,637.00	A
Sorghum/Milo	63.68	21	1,280.51	A
Structural Pest Control	< 0.01			
Sweet Potato	1.04	1	22.50	A
Tangerine	30.45	14	651.73	A
Tomato, Processing	7.36	4	290.00	A
Watermelon	1.62	1	70.00	A
Chemical Total	661.21	281		
CYPRODINIL				
Almond	18,068.37	642	63,002.08	A
Apple	268.69	25	1,281.60	A
Apricot	71.73	9	306.02	A
Blueberry	91.22	9	278.00	A
Broccoli	13.13	2	40.00	A
Grape	15,548.11	777	45,324.20	A
Grape, Wine	246.01	15	700.50	A
N-Grnhs Plants In Containers	0.15	2	1.00	A
N-Outdr Plants In Containers	35.04	5	107.50	A
Nectarine	36.40	5	156.00	A
Peach	24.23	3	107.00	A
Pistachio	2,271.60	80	6,949.47	A
Plum	204.80	15	436.91	A
Chemical Total	36,879.47	1,589		
2,4-D				
Cherry	40.51	1	46.67	A
Chemical Total	40.51	1		
2,4-D, DIMETHYLAMINE SALT				
Almond	923.01	31	863.58	A
Cherry	75.22	3	69.00	A
Grape	121.88	6	350.67	A
Grape, Wine	131.75	2	90.64	A
Grapefruit	129.64	8	158.90	A
Landscape Maintenance	70.54			
Lemon	13.02	1	28.00	A
N-Outdr Plants In Containers	1.09		5.00	A
Orange	2,231.22	73	2,755.45	A
Pistachio	204.90	7	176.43	A
Rights Of Way	4.30			

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Tangelo	211.10	5	218.30	A
Tangerine	61.05	4	109.00	A
Uncultivated Ag	762.40	3	803.00	A
Wheat	40.34	1	74.00	A
Wheat (Forage - Fodder)	147.86	2	131.40	A
Chemical Total	5,129.32	146		
2,4-D, 2-ETHYLHEXYL ESTER				
Landscape Maintenance	112.87			
N-Outdr Plants In Containers	39.33		100.00	A
Wheat	27.51	1	38.00	A
Chemical Total	179.71	1		
2,4-D, ISOPROPYL ESTER				
Citrus	56.84		162,124.00	T
Grapefruit	60.44	27	565.50	A
Lemon	144.40	56	2,930.99	A
Orange	1,834.30	403	24,715.50	A
Tangelo	73.14	30	1,317.53	A
Tangerine	201.30	69	3,558.64	A
Chemical Total	2,370.42	585		
2,4-D, TRIISOPROPANOLAMINE SALT				
Landscape Maintenance	20.42			
Chemical Total	20.42			
DAZOMET				
Rights Of Way	1,266.57			
Chemical Total	1,266.57			
4-(2,4-DB), DIMETHYLAMINE SALT				
Alfalfa	1,006.48	31	1,981.33	A
Chemical Total	1,006.48	31		
DDVP				
Fumigation, Other	26.43			
Landscape Maintenance	21.48			
Structural Pest Control	15.36			
Chemical Total	63.28			
DDVP, OTHER RELATED				
Fumigation, Other	0.68			
Landscape Maintenance	0.96			
Structural Pest Control	0.40			
Chemical Total	2.04			
DELTAMETHRIN				
Structural Pest Control	254.25			
Chemical Total	254.25			
DIATOMACEOUS EARTH				
Structural Pest Control	20.02			

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total	20.02			
DIAZINON				
Apple	2,950.80	14	475.40	A
Blueberry	154.00	4	308.00	A
Carrot	768.96	7	387.50	A
Cherry	81.77	4	133.10	A
Melon	8.80	1	75.00	A
Onion, Dry	405.17	8	271.50	A
Structural Pest Control	3.23			
Tomato, Processing	1,266.05	3	319.00	A
Chemical Total	5,638.78	41		
DICAMBA				
Landscape Maintenance	9.56			
N-Outdr Plants In Containers	2.35		100.00	A
Rights Of Way	< 0.01			
Chemical Total	11.92			
DICAMBA, DIMETHYLAMINE SALT				
Corn (Forage - Fodder)	109.75	5	364.00	A
Landscape Maintenance	5.77			
N-Outdr Plants In Containers	0.45		5.00	A
Rights Of Way	114.84			
Sorghum/Milo	130.51	6	433.00	A
Uncultivated Ag	31.19	1	109.00	A
Wheat	158.07	15	1,296.08	A
Wheat (Forage - Fodder)	102.50	14	909.00	A
Chemical Total	653.08	41		
DICAMBA, SODIUM SALT				
Corn (Forage - Fodder)	293.68	26	1,334.60	A
Sorghum/Milo	61.12	3	355.60	A
Chemical Total	354.80	29		
1,3-DICHLOROPROPENE				
Almond	149,396.77	14	472.06	A
Carrot	277,714.50	44	2,204.85	A
Eggplant	1,773.23	1	10.00	A
Fig	10,721.41	1	33.00	A
Grape	311,058.64	19	940.22	A
Grape, Wine	85,894.46	10	380.02	A
Lettuce, Leaf	5,945.12	1	74.10	A
N-Outdr Plants In Containers	124,065.90	10	615.89	A
Onion, Dry	7,520.58	1	58.70	A
Parsley	4,528.20	1	37.90	A
Pepper, Fruiting	53,384.67	19	594.38	A
Potato	104,426.05	21	1,226.00	A
Tangerine	21,373.90	1	64.42	A
Tomato, Processing	22,819.36	2	191.60	A
Uncultivated Ag	73,492.18	5	250.80	A
Watermelon	3,554.11	1	30.00	A
Chemical Total	1,257,669.05	151		

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
DICOFOL				
Grape, Wine	42.00	1	35.00	A
Chemical Total	42.00	1		
DIDECYL DIMETHYL AMMONIUM BICARBONATE				
Fumigation, Other	20,853.21			
Chemical Total	20,853.21			
DIDECYL DIMETHYL AMMONIUM CARBONATE				
Fumigation, Other	20,853.21			
Chemical Total	20,853.21			
DIDECYL DIMETHYL AMMONIUM CHLORIDE				
Cherry	3.71	1	40.00	A
Structural Pest Control	< 0.01			
Chemical Total	3.71	1		
DIETHYLENE GLYCOL				
Alfalfa	168.22	85	6,302.85	A
Almond	9,543.43	525	69,116.53	A
Apple	138.54	15	670.93	A
Barley	20.49	3	450.00	A
Blueberry	50.06	63	1,116.00	A
Cherry	106.76	13	708.70	A
Corn (Forage - Fodder)	123.39	86	4,737.50	A
Cotton	315.21	113	10,524.80	A
Garlic	10.44	7	402.00	A
Grape	827.35	248	12,917.01	A
Grape, Wine	2,146.89	145	21,025.86	A
Lemon	11.28	5	270.00	A
Oat (Forage - Fodder)	11.05	8	237.20	A
Onion, Dry	18.22	14	709.50	A
Orange	339.07	65	4,121.86	A
Parsley	1.93	1	154.20	A
Pepper, Fruiting	11.68	7	499.38	A
Pistachio	9,871.78	433	67,198.65	A
Plum	3.14	3	125.62	A
Pomegranate	3,360.77	117	24,156.89	A
Potato	13.16	3	148.40	A
Rights Of Way	97.41			
Sorghum/Milo	19.02	9	579.30	A
Squash	5.77	1	45.00	A
Tangerine	56.48	14	635.09	A
Tomato	15.13	12	410.68	A
Tomato, Processing	61.38	12	835.48	A
Uncultivated Ag	2.47	2	63.40	A
Uncultivated Non-Ag	7.13	2	200.00	A
Watermelon	2.94	8	418.85	A
Wheat	65.00	46	1,861.00	A
Wheat (Forage - Fodder)	69.15	10	858.00	A
Chemical Total	27,494.72	2,075		
DIFENOCONAZOLE				

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Almond	5,749.06	421	49,752.15	A
Apple	56.15	16	822.50	A
Carrot	9.20	2	80.00	A
Grape	445.14	71	4,158.84	A
Grape, Wine	1,358.33	17	1,251.20	A
Onion, Dry	8.56	1	74.90	A
Orange	11.34	4	100.50	A
Pepper, Fruiting	8.03	3	81.92	A
Pistachio	165.07	8	1,453.37	A
Squash	0.98	1	8.58	A
Sweet Potato	54.31	9	476.10	A
Tomato, Processing	96.10	12	1,471.00	A
Watermelon	9.15	1	80.00	A
Chemical Total	7,971.41	566		
DIFETHIALONE				
Landscape Maintenance	< 0.01			
Structural Pest Control	0.04			
Chemical Total	0.05			
DIFLUBENZURON				
Almond	2,055.51	97	8,440.29	A
Apricot	52.45	8	276.62	A
Grapefruit	8.85	5	51.40	A
N-Outdr Plants In Containers	6.47	2	36.90	A
Orange	452.32	69	2,336.93	A
Plum	244.63	25	967.15	A
Tangerine	97.14	12	625.74	A
Chemical Total	2,917.38	218		
DIGLYCOLAMINE SALT OF 3,6-DICHLORO-O-ANISIC ACID				
Corn (Forage - Fodder)	982.50	35	1,989.70	A
Corn, Grain	13.31	1	35.10	A
Oat	26.53	7	140.00	A
Rights Of Way	11.83			
Sorghum/Milo	2,722.73	109	7,524.73	A
Sudangrass	416.58	7	551.20	A
Uncultivated Ag	24.62	1	43.40	A
Wheat	461.42	45	2,751.20	A
Wheat (Forage - Fodder)	481.93	43	2,271.50	A
Chemical Total	5,141.45	248		
DIMETHENAMID-P				
Garlic	60.21	18	975.60	A
Onion, Dry	92.05	23	1,410.40	A
Potato	183.43	40	3,154.00	A
Chemical Total	335.69	81		
DIMETHOATE				
Bean, Dried	959.99	37	1,932.94	A
Corn (Forage - Fodder)	819.68	30	1,995.20	A
Cotton	772.45	31	1,558.90	A
Grapefruit	4.98	1	5.00	A
Orange	190.27	14	253.50	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Safflower	808.26	5	1,637.00	A
Sorghum/Milo	1,104.62	26	2,211.40	A
Tangerine	285.33	7	395.45	A
Tomato	53.78	2	112.10	A
Tomato, Processing	180.83	5	365.00	A
Triticale	58.43	2	156.40	A
Wheat	312.84	9	891.10	A
Chemical Total	5,551.46	169		
DIMETHOMORPH				
Lettuce, Head	3.79	6	160.00	A
N-Outdr Plants In Containers	12.89	2	63.85	A
Onion, Dry	44.66	33	1,680.50	A
Tomato, Processing	5.55	4	239.00	A
Chemical Total	66.88	45		
DIMETHYL ALKYL TERTIARY AMINES				
Alfalfa	81.31	127	7,725.94	A
Almond	189.84	430	19,237.93	A
Apple	13.46	26	1,348.67	A
Bean, Dried	6.49	14	650.60	A
Carrot	1.78	5	189.00	A
Cherry	2.15	2	38.50	A
Corn (Forage - Fodder)	48.89	91	5,489.05	A
Corn, Grain	1.76	3	150.00	A
Corn, Human Consumption	0.05	2	18.00	A
Cotton	95.40	167	10,368.40	A
Garlic	5.13	14	872.00	A
Grape	2.95	26	353.47	A
Grape, Wine	21.26	121	2,472.84	A
N-Outdr Plants In Containers	8.56	57	303.20	A
Oat (Forage - Fodder)	0.05	1	39.00	A
Onion, Dry	1.53	5	260.70	A
Pistachio	22.78	40	1,489.49	A
Potato	3.65	9	501.00	A
Rights Of Way	0.53			
Sorghum/Milo	13.48	42	2,329.31	A
Tangerine	0.18	1	20.00	A
Triticale	0.97	2	92.00	A
Uncultivated Ag	0.85	4	9.00	A
Walnut	0.50	5	168.00	A
Wheat	15.36	48	2,624.10	A
Wheat (Forage - Fodder)	11.82	30	2,080.57	A
Chemical Total	550.71	1,272		
3,7-DIMETHYL-6-OCTEN-1-OL				
Grape	0.76	2	46.00	A
Chemical Total	0.76	2		
DIMETHYLPOLYSILOXANE				
Alfalfa	31.82	258	17,655.09	A
Almond	6,802.43	1,876	195,163.90	A
Apple	4.00	15	670.93	A
Barley	0.62	3	450.00	A
Bean, Dried	0.97	9	561.70	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Blueberry	7.12	66	1,232.68	A
Brussels Sprout	0.03	1	2.02	A
Cabbage	4.25	21	217.77	A
Canola (Rape)	< 0.01	1	23.00	A
Cauliflower	9.30	19	466.04	A
Cherry	76.89	79	3,020.60	A
Collard	0.82	8	43.18	A
Corn (Forage - Fodder)	8.19	119	6,736.84	A
Corn, Grain	0.05	5	225.00	A
Cotton	165.00	257	19,629.30	A
Daikon	0.04	2	2.36	A
Fig	10.35	2	703.00	A
Garlic	1.39	36	1,821.12	A
Grape	1,115.01	1,475	79,763.42	A
Grape, Wine	429.04	388	42,270.40	A
Grapefruit	70.60	23	611.27	A
Kale	2.43	10	134.24	A
Lemon	1,264.39	92	7,214.21	A
Lettuce, Leaf	6.70	12	352.96	A
Mustard	0.84	12	47.77	A
N-Outdr Plants In Containers	36.68	29	475.40	A
Nectarine	1.85	1	7.00	A
Oat (Forage - Fodder)	0.49	10	354.20	A
Olive	< 0.01	1	9.25	A
Onion, Dry	9.71	73	3,433.67	A
Onion, Green	3.27	12	159.81	A
Orange	4,831.42	540	35,821.67	A
Parsley	0.10	1	154.20	A
Pepper, Fruiting	0.21	7	499.38	A
Persimmon	0.34	5	50.00	A
Pistachio	1,749.18	935	106,648.00	A
Plum	0.16	3	125.62	A
Pomegranate	99.56	154	28,617.11	A
Potato	16.80	24	1,588.70	A
Radish	3.88	14	127.13	A
Rights Of Way	3.43			
Sorghum/Milo	1.40	32	2,060.80	A
Spinach	0.39	3	18.76	A
Squash	0.04	1	45.00	A
Stone Fruit	< 0.01	1	1.00	A
Tangelo	346.12	16	870.38	A
Tangerine	2,396.15	369	28,929.72	A
Tomato	20.22	30	1,496.97	A
Tomato, Processing	70.09	73	5,345.69	A
Triticale	0.03	2	92.00	A
Uncultivated Ag	0.10	4	65.30	A
Uncultivated Non-Ag	0.16	2	200.00	A
Walnut	47.40	6	146.50	A
Watermelon	0.14	8	418.85	A
Wheat	2.21	83	3,891.00	A
Wheat (Forage - Fodder)	4.69	77	5,247.02	A
Chemical Total	19,658.54	7,305		
DIMETHYL SILICONE FLUID EMULSION				
Cotton	0.20	1	303.00	A
Orange	0.27	3	30.00	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Pecan		4.37	9	531.32	A
Rights Of Way		0.03			
Tomato, Processing		42.56	17	2,632.00	A
Chemical Total		47.43	30		
ALPHA-(ORTHO,PARA-DINONYLPHENYL)-OMEGA-HYDROXYPOLYOXY (ETHYLENE) PHOSPHATE					
Alfalfa		6.21	1	69.00	A
Almond		4.32	1	48.00	A
Cotton		5.06	2	75.00	A
Chemical Total		15.59	4		
DINOTEFURAN					
Cotton		48.98	7	393.00	A
Grape		28.67	6	218.40	A
Grape, Wine		1.54	3	48.05	A
Landscape Maintenance		0.18			
N-Grnhs Plants In Containers		6.23		24.00	A
		0.81			
Total Pounds On This Commodity	7.04				
Structural Pest Control		0.07			
Chemical Total		86.48	16		
DIOCTYL DIMETHYL AMMONIUM CHLORIDE					
Cherry		3.71	1	40.00	A
Chemical Total		3.71	1		
DIPHACINONE					
Alfalfa		0.13	1	58.20	A
Almond		0.16	9	542.00	A
Carrot		0.06	3	310.00	A
Commodity Fumigation		0.02			
Grapefruit		0.09	19	740.00	A
Landscape Maintenance		0.12			
Lemon		0.02	4	335.00	A
Orange		0.30	67	11,554.40	A
Pistachio		0.04	11	1,567.50	A
Pomegranate		< 0.01	1	1.00	A
Rights Of Way		0.32			
Structural Pest Control		0.06			
Tangerine		0.10	18	1,370.65	A
Vertebrate Control		0.40			
Chemical Total		1.80	133		
DIPHACINONE, SODIUM SALT					
Landscape Maintenance		< 0.01			
Chemical Total		< 0.01			
DIPROPYLENE GLYCOL METHYL ETHER					
Alfalfa		4.82	28	1,897.00	A
Cotton		3.90	16	1,247.00	A
Grape		12.72	20	530.00	A
Grape, Wine		0.96	2	40.00	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Onion, Dry	0.54	3	167.00	A
Tomato, Processing	0.09	4	117.00	A
Chemical Total	23.03	73		
DIQUAT DIBROMIDE				
Alfalfa	88.83	6	190.40	A
Almond	8.39	2	34.00	A
Landscape Maintenance	1,596.93			
N-Outdr Plants In Containers	16.78	2	31.00	A
Potato	2,751.29	71	3,907.95	A
Rights Of Way	2,012.08			
Structural Pest Control	0.26			
Chemical Total	6,474.56	81		
DISODIUM OCTABORATE TETRAHYDRATE				
Fumigation, Other	49,096.08			
Rights Of Way	164.63			
Structural Pest Control	1,869.04			
Chemical Total	51,129.76			
DITHIOPYR				
Landscape Maintenance	1,291.59			
N-Outdr Plants In Containers	53.98	4	103.75	A
Rights Of Way	208.92			
Turf/Sod	2.25	1	6.00	A
Chemical Total	1,556.74	5		
DIURON				
Alfalfa	2,712.87	32	2,529.50	A
Cotton	684.13	520	33,127.43	A
Grape	248.00	11	189.82	A
Grapefruit	829.60	25	485.07	A
Landscape Maintenance	2,845.61			
Lemon	4,154.16	45	2,121.31	A
Orange	45,152.40	526	24,808.86	A
Rights Of Way	25,058.30			
Tangelo	1,096.29	15	556.83	A
Tangerine	6,235.12	45	2,958.42	A
Chemical Total	89,016.48	1,219		
E,E-8,10-DODECADIEN-1-OL				
Apple	0.35	1	10.00	A
Chemical Total	0.35	1		
Z-8-DODECENOL				
Plum	0.09	3	70.07	A
Chemical Total	0.09	3		
E-8-DODECENYL ACETATE				
Plum	0.50	3	70.07	A
Chemical Total	0.50	3		

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Z-8-DODECENYL ACETATE				
Plum	7.36	3	70.07	A
Chemical Total	7.36	3		
DODECYLBENZENE SULFONIC ACID				
Almond	499.96	129	10,182.54	A
Grape	1,182.30	941	39,998.17	A
Grape, Wine	8.14	8	384.34	A
Landscape Maintenance	36.27			
Lemon	7.04	2	200.00	A
N-Outdr Plants In Containers	36.15	32	997.80	A
Onion, Dry	2.16	4	303.70	A
Orange	178.93	44	3,873.80	A
Pistachio	17.29	5	272.00	A
Potato	4.67	7	437.00	A
Regulatory Pest Control	1.69			
Structural Pest Control	0.05			
Tangelo	6.82	3	120.00	A
Tangerine	8.31	5	244.00	A
Chemical Total	1,989.79	1,180		
ALPHA-(PARA-DODECYLPHENYL)-OMEGA-HYDROXYPOLY(OXYETHYLENE)				
Almond	9.24	2	240.00	A
Grape	0.03	1	2.50	A
Grape, Wine	2.07	20	446.09	A
N-Outdr Plants In Containers	17.25	25	762.30	A
Orange	4.93	5	260.00	A
Pistachio	1.38	1	30.00	A
Chemical Total	34.90	54		
2,4-DP-P, ISOOCTYL ESTER				
Landscape Maintenance	4.18			
Chemical Total	4.18			
EDTA, SODIUM SALT				
Alfalfa	< 0.01	2	75.00	A
Almond	13.22	65	5,708.03	A
Apricot	0.02	2	10.00	A
Blueberry	4.04	27	1,234.20	A
Cherry	9.60	26	1,325.90	A
Grape	0.81	21	1,329.92	A
Grape, Wine	0.07	5	40.57	A
Kiwi	0.18	2	67.20	A
Landscape Maintenance	0.31			
N-Outdr Plants In Containers	1.17	55	1,056.45	A
Orange	0.53	7	381.87	A
Peach	< 0.01	2	2.80	A
Pistachio	10.43	42	4,719.50	A
Plum	0.07	5	50.00	A
Rights Of Way	< 0.01	1	0.01	A
Stone Fruit	0.01	4	14.00	A
Tangelo	0.03	1	22.57	A
Tangerine	0.92	10	615.20	A
Wheat	0.25	7	354.10	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total	41.68	284		
EDTA, TETRASODIUM SALT				
Almond	30.77	129	10,182.54	A
Grape	72.76	941	39,998.17	A
Grape, Wine	0.50	8	384.34	A
Landscape Maintenance	2.23			
Lemon	0.43	2	200.00	A
N-Outdr Plants In Containers	2.22	32	997.80	A
Onion, Dry	0.13	4	303.70	A
Orange	11.01	44	3,873.80	A
Pistachio	1.06	5	272.00	A
Potato	0.29	7	437.00	A
Regulatory Pest Control	0.10			
Structural Pest Control	< 0.01			
Tangelo	0.42	3	120.00	A
Tangerine	0.51	5	244.00	A
Chemical Total	122.45	1,180		
EMAMECTIN BENZOATE				
Almond	36.71	28	2,594.50	A
Lettuce, Leaf	1.90	3	131.00	A
Pepper, Fruiting	1.73	1	115.00	A
Tomato	2.55	4	180.20	A
Tomato, Processing	3.98	2	106.00	A
Walnut	0.53	1	38.00	A
Chemical Total	47.40	39		
EMULSIFIABLE METHYLATED VEGETABLE OIL				
Alfalfa	468.98	22	1,728.00	A
Almond	2,068.69	30	1,170.00	A
Carrot	3.49	1	40.00	A
Corn (Forage - Fodder)	121.10	9	613.20	A
Grape	496.82	12	654.01	A
Sorghum/Milo	155.66	11	793.50	A
Wheat (Forage - Fodder)	5.93	2	78.00	A
Chemical Total	3,320.68	87		
ENDOTHALL, DIPOTASSIUM SALT				
Rights Of Way	3,955.50			
Chemical Total	3,955.50			
ENDOTHALL, MONO [N,N-DIMETHYL ALKYLAMINE] SALT				
Landscape Maintenance	18.16			
Rights Of Way	3,519.81			
Chemical Total	3,537.98			
EPTC				
Alfalfa	5,184.38	15	1,532.62	A
Almond	998.00	11	769.16	A
Bean, Succulent	1,524.10	8	583.11	A
Potato	23,434.94	95	7,028.53	A
Uncultivated Ag	1,161.32	5	190.00	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total	32,302.75	134		
ESFENVALERATE				
Almond	3,986.58	615	69,215.19	A
Apricot	22.56	10	421.62	A
Bean, Dried	5.09	4	125.00	A
Broccoli	11.62	12	238.00	A
Cabbage	5.25	6	114.00	A
Carrot	53.66	16	1,180.10	A
Cherry	1.05	3	69.00	A
Chinese Cabbage (Nappa)	1.35	2	46.00	A
Corn (Forage - Fodder)	8.62	3	180.00	A
Lettuce, Head	11.64	7	240.00	A
N-Outdr Plants In Containers	1.95	1	32.00	A
Nectarine	19.95	8	298.25	A
Peach	33.94	12	633.50	A
Plum	60.75	28	998.55	A
Potato	316.67	100	5,966.07	A
Structural Pest Control	1.13			
Sugarbeet	0.71	8	8.00	A
Tomato	13.58	7	308.30	A
Tomato, Processing	21.27	5	461.60	A
Watermelon	11.74	4	275.00	A
Chemical Total	4,589.12	851		
ETHALFLURALIN				
Bean, Dried	127.29	7	212.16	A
Chemical Total	127.29	7		
ETHEPHON				
Blueberry	3.00	1	15.00	A
Cotton	28,602.10	515	32,720.53	A
Grape	6,166.68	479	20,646.29	A
Landscape Maintenance	150.48			
Pistachio	11.34	1	20.00	A
Rights Of Way	9.63			
Tomato, Processing	67.81	7	230.30	A
Walnut	402.20	7	343.50	A
Chemical Total	35,413.24	1,010		
ETHION				
Almond	38.72	1	48.25	A
Chemical Total	38.72	1		
ETOFENPROX				
Public Health	31.36			
Structural Pest Control	0.05			
Chemical Total	31.41			
ETHOFUMESATE				
Landscape Maintenance	1.97			
Onion, Dry	253.53	6	426.00	A
Chemical Total	255.50	6		

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
ETHYLENE GLYCOL				
Alfalfa	1,291.15	68	7,124.11	A
Almond	1,031.12	57	3,184.40	A
Bean, Dried	19.40	3	128.00	A
Blueberry	12.10	3	25.00	A
Broccoli	56.56	11	220.00	A
Carrot	4.74	4	20.00	A
Corn (Forage - Fodder)	21.82	2	360.71	A
Cotton	519.92	87	2,505.32	A
Garlic	12.10	1	80.00	A
Grape	102.23	33	326.76	A
Oat (Forage - Fodder)	19.35	1	32.00	A
Onion, Dry	23.56	4	104.90	A
Pistachio	752.09	65	3,528.23	A
Pomegranate	70.15	11	467.00	A
Potato	1.50	1	38.00	A
Rights Of Way	29.63			
Sorghum/Milo	742.64	3	325.00	A
Tomato, Processing	67.59	5	228.60	A
Triticale	1.22	1	8.03	A
Uncultivated Ag	86.53	10	739.59	A
Walnut	21.34	1	70.50	A
Wheat	63.52	19	937.00	A
Wheat (Forage - Fodder)	36.65	4	342.00	A
Chemical Total	4,986.90	394		
ETHYLENE GLYCOL MONOMETHYL ETHER				
Lemon	0.51	1	15.00	A
Orange	496.44	82	5,068.22	A
Pistachio	29.82	12	588.00	A
Tangelo	12.69	2	140.00	A
Tangerine	72.16	12	1,117.00	A
Chemical Total	611.62	109		
ETOXAZOLE				
Almond	8,501.55	641	64,033.39	A
Apple	93.74	16	744.00	A
Cherry	174.59	36	1,495.54	A
Corn (Forage - Fodder)	1,088.65	163	10,445.47	A
Corn, Grain	8.44	2	75.00	A
Cotton	85.66	28	1,865.28	A
Grape	1,090.97	185	9,668.80	A
Grape, Wine	1,316.28	70	13,840.75	A
N-Outdr Plants In Containers	36.57	25	581.84	A
Nectarine	4.49	1	33.25	A
Peach	4.72	1	35.00	A
Pepper, Fruiting	3.41	1	37.90	A
Tangerine	82.49	6	843.50	A
Walnut	22.95	3	170.00	A
Watermelon	7.19	1	53.30	A
Chemical Total	12,521.70	1,179		
FAMOXADONE				
Lettuce, Head	5.47	1	35.00	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Pepper, Fruiting	26.69	8	276.00	A
Potato	126.56	18	1,031.20	A
Tomato	60.05	11	480.40	A
Tomato, Processing	136.13	21	1,224.05	A
Watermelon	8.75	1	70.00	A
Chemical Total	363.64	60		
FARNESOL				
Grape	0.30	2	46.00	A
Chemical Total	0.30	2		
FATTY ACIDS, METHYL ESTERS				
Alfalfa	34.26	2	160.00	A
Cherry	8.57	2	20.00	A
Grape, Wine	45.01	6	112.00	A
Grapefruit	28.70	3	25.00	A
Lemon	30.09	3	30.00	A
N-Outdr Plants In Containers	76.77	9	285.30	A
Orange	1,703.81	123	1,536.50	A
Tangerine	20.42	1	15.00	A
Wheat	2.68	1	5.00	A
Chemical Total	1,950.31	150		
FATTY ACIDS, MIXED				
Alfalfa	223.44	107	7,507.45	A
Almond	14,941.92	670	83,399.90	A
Apple	305.11	80	3,938.16	A
Barley	29.61	17	1,273.00	A
Bean, Succulent	2.37	2	145.32	A
Cabbage	0.15	2	38.00	A
Cherry	198.45	41	1,276.82	A
Corn (Forage - Fodder)	235.96	71	4,353.10	A
Corn, Human Consumption	0.29	1	9.00	A
Cotton	924.25	169	13,497.60	A
Grape	738.46	202	15,985.82	A
Grape, Wine	1,462.52	67	6,386.10	A
Landscape Maintenance	0.52			
Lemon	20.09	5	270.00	A
Lettuce, Head	0.35	4	87.00	A
N-Outdr Plants In Containers	5.35	16	50.80	A
Nectarine	1.88	6	140.50	A
Oat (Forage - Fodder)	10.00	7	146.08	A
Onion, Dry	32.07	5	216.00	A
Orange	130.83	61	3,411.40	A
Parsley	6.52	2	142.90	A
Peach	42.71	82	5,293.30	A
Pepper, Fruiting	19.03	9	846.98	A
Pistachio	16,596.00	444	72,740.31	A
Plum	0.20	2	26.40	A
Pomegranate	5,992.51	127	25,861.85	A
Potato	21.31	12	696.00	A
Rights Of Way	192.13			
Sorghum/Milo	8.88	3	126.30	A
Squash	0.56	2	87.30	A
Tangerine	118.86	27	1,324.98	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Tomato	0.05	2	9.36	A
Tomato, Processing	0.75	5	352.00	A
Triticale	0.15	4	234.00	A
Uncultivated Ag	4.39	2	63.40	A
Uncultivated Non-Ag	12.69	2	200.00	A
Walnut	7.21	6	139.00	A
Watermelon	1.55	12	402.85	A
Wheat	146.27	126	6,857.30	A
Wheat (Forage - Fodder)	63.18	44	2,544.70	A
Chemical Total	42,498.60	2,446		
FATTY ACIDS, C16-C18 AND C18-UNSATURATED, METHYL ESTERS				
Alfalfa	960.98	54	4,087.23	A
Almond	23,991.43	462	34,848.68	A
Apple	823.28	83	2,636.40	A
Asparagus	1.52	3	228.00	A
Bean, Dried	195.63	13	642.84	A
Bok Choy	4.25	2	50.00	A
Broccoli	95.43	25	503.98	A
Cabbage	8.76	1	66.00	A
Canola (Rape)	3.06	1	23.00	A
Cantaloupe	28.93	4	215.00	A
Carrot	4,370.16	152	10,186.90	A
Cherry	117.38	9	223.93	A
Corn (Forage - Fodder)	1,431.64	102	5,420.00	A
Corn, Grain	18.68	1	70.00	A
Cotton	4,299.83	201	13,303.68	A
Gai Lon	2.55	1	30.00	A
Garlic	291.75	18	1,022.05	A
Grape	2,903.68	108	2,462.62	A
Grape, Wine	518.44	61	2,917.40	A
Grapefruit	36.45	3	30.00	A
Lemon	48.12	3	83.00	A
Lettuce, Head	7.45	1	35.00	A
Lettuce, Leaf	84.63	5	267.00	A
Melon	16.13	3	120.00	A
N-Outdr Plants In Containers	150.48	27	808.20	A
Nectarine	249.24	6	485.25	A
Oat	68.23	6	499.00	A
Oat (Forage - Fodder)	3.80	1	25.00	A
Onion, Dry	202.19	8	380.00	A
Orange	2,150.25	86	2,011.41	A
Parsley	48.25	6	290.30	A
Peach	8.76	1	40.00	A
Pepper, Fruiting	168.98	47	1,707.74	A
Persimmon	8.51	1	20.00	A
Pistachio	8,495.86	173	19,523.42	A
Pomegranate	375.82	7	1,331.73	A
Potato	477.80	26	1,873.20	A
Radish	2.13	1	4.00	A
Rights Of Way	1.08			
Squash	6.21	2	58.20	A
Stone Fruit	1.20	2	6.00	A
Tangelo	12.76	1	10.00	A
Tangerine	343.02	11	859.63	A
Tomato, Processing	387.19	36	2,381.71	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Uncultivated Ag	60.50	4	284.20	A
Walnut	31.91	1	30.00	A
Watermelon	267.06	44	1,935.43	A
Wheat	1,768.24	103	6,544.00	A
Wheat (Forage - Fodder)	837.08	66	3,889.50	A
Chemical Total	56,386.71	1,982		
FATTY ACIDS DERIVED FROM TALLOW				
Alfalfa	48.75	22	1,388.00	A
Almond	2,236.92	168	16,612.88	A
Apple	354.85	16	744.00	A
Cherry	34.53	10	507.00	A
Corn (Forage - Fodder)	20.39	8	519.30	A
Cotton	30.68	12	425.00	A
Grape	6.01	10	220.00	A
Pistachio	2.39	1	15.54	A
Sorghum/Milo	34.08	15	872.22	A
Wheat	4.66	1	157.00	A
Wheat (Forage - Fodder)	14.11	7	457.80	A
Chemical Total	2,787.36	270		
FENAMIDONE				
Carrot	1,126.12	56	4,203.40	A
Onion, Dry	455.42	36	2,567.30	A
Pepper, Fruiting	4.75	1	18.00	A
Chemical Total	1,586.29	93		
FENAMIPHOS				
Grape	3,378.62	31	2,057.50	A
Chemical Total	3,378.62	31		
FENARIMOL				
Grape	9.97	6	267.53	A
Grape, Wine	8.29	8	211.20	A
Chemical Total	18.26	14		
FENBUCONAZOLE				
Almond	148.07	10	1,512.40	A
Chemical Total	148.07	10		
FENBUTATIN-OXIDE				
Almond	10.00	1	8.00	A
Apple	10.00	5	40.00	A
Tangerine	2,730.55	22	1,570.83	A
Walnut	175.00	1	140.00	A
Chemical Total	2,925.55	29		
FENHEXAMID				
Blueberry	291.84	15	402.00	A
Cherry	42.00	1	56.00	A
Grape	6,739.12	298	14,431.33	A
Grape, Wine	6,425.15	49	12,850.30	A
N-Grnhs Plants In Containers	10.97	1	25.50	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
		1.75			
Total Pounds On This Commodity	12.72				
N-Outdr Plants In Containers		10.86	3	24.50	A
Pistachio		4.53	3	206.00	A
Chemical Total		13,526.22	370		
FENOXYCARB					
Structural Pest Control		0.05			
Chemical Total		0.05			
FENPROPATHRIN					
Almond		538.02	13	1,566.44	A
Blueberry		141.09	19	464.00	A
Cherry		36.64	6	166.00	A
Cotton		2,252.25	39	8,233.00	A
Grape		2,315.34	160	8,593.94	A
Grape, Wine		32.13	1	137.00	A
Grapefruit		43.60	7	106.15	A
Orange		1,107.29	70	3,134.15	A
Pistachio		2,656.04	47	8,287.31	A
Tangelo		30.38	3	86.30	A
Tangerine		154.42	7	381.30	A
Chemical Total		9,307.19	372		
FENPYROXIMATE					
Almond		6,068.74	327	49,491.78	A
Cherry		16.56	5	97.00	A
Grape		206.45	20	1,750.67	A
Grape, Wine		70.10	11	590.80	A
Grapefruit		7.59	5	63.00	A
Lemon		36.74	4	270.00	A
N-Outdr Plants In Containers		7.05	2	39.14	A
Orange		466.15	86	3,847.60	A
Pepper, Fruiting		3.43	1	37.90	A
Tangelo		14.43	3	102.39	A
Tangerine		279.84	43	2,443.16	A
Uncultivated Ag		0.91	1	20.00	A
Walnut		3.61	1	45.00	A
Watermelon		18.81	4	156.10	A
Chemical Total		7,200.41	513		
FENUGREEK					
Pomegranate		0.73	1	39.38	A
Chemical Total		0.73	1		
FERROUS SULFATE					
Alfalfa		9.63	34	2,250.29	A
Almond		88.30	12	1,140.73	A
Bean, Dried		0.60	4	170.00	A
Cherry		11.92	18	607.00	A
Corn (Forage - Fodder)		0.28	1	50.00	A
Cotton		1.91	6	340.90	A
Lettuce, Head		0.28	2	40.00	A
Sorghum/Milo		6.08	2	133.29	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Tangerine	6.67	3	191.30	A
Chemical Total	125.67	82		
FIPRONIL				
Structural Pest Control	405.21			
Chemical Total	405.21			
FLONICAMID				
Alfalfa	25.37	3	289.90	A
Broccoli	6.00	4	80.00	A
Carrot	0.88	2	10.00	A
Cotton	2,001.08	318	23,011.90	A
Lettuce, Head	6.19	2	75.00	A
Lettuce, Leaf	11.88	2	152.00	A
Parsley	55.46	12	633.80	A
Pepper, Fruiting	3.32	1	37.90	A
Potato	12.87	2	147.00	A
Pumpkin	0.44	1	5.00	A
Tomato, Processing	12.03	2	140.00	A
Chemical Total	2,135.50	349		
FLUAZIFOP-P-BUTYL				
Almond	310.67	7	910.00	A
Carrot	1,695.68	95	5,901.35	A
Cotton	66.03	4	265.00	A
Garlic	166.15	14	666.00	A
Grape	854.81	219	3,506.84	A
Grape, Wine	130.08	17	558.58	A
Landscape Maintenance	4.36			
Onion, Dry	187.03	19	524.80	A
Orange	223.02	8	509.00	A
Pistachio	260.46	9	840.00	A
Pomegranate	5.00	1	13.30	A
Rights Of Way	7.16			
Chemical Total	3,910.45	393		
FLUBENDIAMIDE				
Alfalfa	9.79	1	157.00	A
Almond	551.48	90	5,001.67	A
Bean, Dried	8.99	2	177.20	A
Cabbage	1.29	2	38.00	A
Cantaloupe	2.45	1	55.00	A
Corn (Forage - Fodder)	7.27	2	78.00	A
Cotton	204.83	17	3,330.00	A
Grape	578.46	85	4,818.54	A
Grape, Wine	2.52	1	20.00	A
Lettuce, Head	3.03	2	68.00	A
Melon	0.89	1	20.00	A
Peach	72.78	9	583.50	A
Tomato, Processing	175.35	30	3,776.30	A
Walnut	5.56	2	57.50	A
Watermelon	9.39	3	200.00	A
Chemical Total	1,634.08	248		

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
FLUDIOXONIL					
Blueberry		60.81	9	278.00	A
Broccoli		8.75	2	40.00	A
Corn (Forage - Fodder)		11.83	1	35.00	A
Grape		3,506.86	312	17,345.12	A
Grape, Wine		40.94	6	254.00	A
Landscape Maintenance		18.88			
Lemon		119.61		142,907.00	T
N-Grnhs Plants In Containers		0.10	2	1.00	A
N-Outdr Plants In Containers		7.89	3	41.50	A
Nectarine		3.30		2,750.00	T
Orange		157.37		92,397.00	T
Peach		41.64		34,675.00	T
Pistachio		573.78	34	2,631.40	A
Potato		29.13		310.00	A
Structural Pest Control		43.48			
Chemical Total		4,624.36	369		
FLUMIOXAZIN					
Alfalfa		571.56	80	4,770.12	A
Almond		442.24	50	2,057.19	A
Bean, Dried		0.84	1	17.50	A
Blueberry		24.71	10	121.67	A
Cherry		21.23	4	78.50	A
Cotton		44.15	10	663.60	A
Garlic		23.91	2	125.00	A
Grape		2,887.60	410	17,741.63	A
Grape, Wine		1,944.90	57	5,309.68	A
Grapefruit		5.74	2	15.00	A
Landscape Maintenance		22.44			
Orange		8.19	7	459.00	A
Peach		43.88	7	137.70	A
Pistachio		1,274.36	63	4,350.18	A
Pomegranate		5.09	1	13.30	A
Potato		9.69	8	403.70	A
Rights Of Way		907.70			
		< 0.01	2	0.02	A
Total Pounds On This Commodity	907.71				
Tangerine		12.23	3	128.00	A
Uncultivated Ag		1.28	1	20.00	A
Wheat		1.19	1	25.00	A
Chemical Total		8,252.93	719		
FLUOPICOLIDE					
Carrot		92.65	13	705.10	A
Chemical Total		92.65	13		
FLUOPYRAM					
Almond		2,281.45	182	27,263.42	A
Cherry		2.51	1	28.00	A
Pistachio		538.07	81	6,630.40	A
Potato		17.95	5	196.00	A
Chemical Total		2,839.98	269		
FLUOXASTROBIN					

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Landscape Maintenance	1.95			
Chemical Total	1.95			
FLURIDONE				
Landscape Maintenance	9.32			
Rights Of Way	8.99			
Chemical Total	18.31			
FLUTOLANIL				
Landscape Maintenance	54.60			
Potato	326.20	5	466.00	A
Chemical Total	380.80	5		
FORAMSULFURON				
Landscape Maintenance	2.12			
Chemical Total	2.12			
FORCHLORFENURON				
Grape	26.82	123	4,363.81	A
Kiwi	0.83	1	48.00	A
Chemical Total	27.65	124		
FORMETANATE HYDROCHLORIDE				
Grapefruit	27.60	3	27.00	A
Nectarine	381.74	8	349.25	A
Orange	1,948.37	47	1,746.69	A
Tangerine	502.86	14	510.32	A
Chemical Total	2,860.57	72		
FOSETYL-AL				
Almond	76.00	1	38.00	A
Broccoli	160.00	2	40.00	A
Landscape Maintenance	181.80			
Lettuce, Head	160.00	1	50.00	A
N-Outdr Plants In Containers	140.79	12	109.50	A
Onion, Dry	333.36	2	138.90	A
Orange	4.00	3	614.40	A
Chemical Total	1,055.95	21		
GAMMA-CYHALOTHRIN				
Landscape Maintenance	0.12			
Chemical Total	0.12			
GARLIC				
Grape	1,765.57	246	8,723.00	A
Chemical Total	1,765.57	246		
GERANIOL				
Grape	0.76	2	46.00	A
Chemical Total	0.76	2		

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
GIBBERELLINS					
Carrot		15.90	61	3,050.95	A
Celery		0.30	4	11.48	A
Cherry		29.56	33	909.50	A
Citrus		54.98		54,937.00	T
Grape		5,938.79	2,870	146,795.38	A
Grape, Wine		12.66	8	722.00	A
Lemon		108.47	30	1,641.79	A
Nectarine		2.16	1	33.25	A
Orange		895.12	215	10,354.05	A
Peach		2.60	1	40.00	A
Pomegranate		432.20	26	5,057.04	A
Tangelo		75.77	23	844.35	A
Tangerine		740.40	266	20,462.31	A
Chemical Total		8,308.91	3,538		
GLIOCLADIUM VIRENS GL-21 (SPORES)					
Carrot		297.52	21	441.33	A
Celery		8.27	4	11.48	A
Potato		12.00	1	10.00	A
Chemical Total		317.78	26		
GLUFOSINATE-AMMONIUM					
Alfalfa		5.88	1	5.00	A
Almond		9,526.28	313	10,225.46	A
Blueberry		61.87	8	103.50	A
Cotton		476.27	30	958.50	A
Grape		14,368.42	783	28,744.07	A
Grape, Wine		2,589.94	126	4,302.15	A
Landscape Maintenance		21.34			
N-Outdr Plants In Containers		13.22	5	515.00	A
Pistachio		1,403.87	38	2,764.10	A
Rights Of Way		823.42			
		< 0.01	2	0.02	A
Total Pounds On This Commodity	823.43				
Uncultivated Ag		33.26	2	28.29	A
Walnut		5.82	1	6.60	A
Chemical Total		29,329.60	1,309		
GLUTARALDEHYDE					
Water (Industrlial)		51,027.79		3.00	U
Chemical Total		51,027.79			
GLYCEROL					
Almond		1.73	1	45.82	A
Chemical Total		1.73	1		
GLYPHOSATE, DIMETHYLAMINE SALT					
Rights Of Way		2,728.89			
Chemical Total		2,728.89			
GLYPHOSATE, ISOPROPYLAMINE SALT					
Alfalfa		2,807.10	37	1,638.00	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Almond		197,345.42	1,537	134,607.36	A
Apple		50.12	2	80.00	A
Apricot		32.01	1	32.00	A
Blueberry		565.93	7	215.50	A
Cherry		3,633.95	93	3,249.89	A
Corn (Forage - Fodder)		7,410.79	109	6,340.96	A
Cotton		29,579.64	273	27,543.60	A
Ditch Bank		4.00		2.00	A
Fig		1,404.80	2	703.00	A
Grape		18,935.28	265	10,122.92	A
Grape, Wine		1,594.44	68	1,946.77	A
Grapefruit		1,055.81	27	395.36	A
Landscape Maintenance		5,029.05			
Lemon		3,107.26	40	2,062.00	A
N-Outdr Plants In Containers		188.07	9	118.50	A
N-Outdr Transplants		14.00	2	10.00	A
Nectarine		321.43	9	123.30	A
Olive		9.77	1	4.89	A
Orange		46,447.41	742	26,490.46	A
Peach		13.53	2	10.30	A
Pecan		738.77	33	259.93	A
Pepper, Fruiting		379.10	1	180.00	A
Persimmon		306.05	12	125.00	A
Pistachio		15,934.85	207	12,574.23	A
Public Health		861.92			
Rights Of Way		74,570.71			
		13.85	1	0.01	A
Total Pounds On This Commodity	74,584.56				
Sorghum/Milo		322.34	5	108.98	A
Structural Pest Control		104.78			
Tangelo		803.07	10	430.00	A
Tangerine		31,372.62	235	20,216.01	A
Tomato, Processing		791.17	4	571.00	A
Uncultivated Ag		3,254.57	27	3,966.00	A
Walnut		16.36	3	8.20	A
Watermelon		5.01	1	5.00	A
Chemical Total		449,024.98	3,765		
GLYPHOSATE, MONOAMMONIUM SALT					
Landscape Maintenance		129.69			
Structural Pest Control		6.54			
Chemical Total		136.23			
GLYPHOSATE, POTASSIUM SALT					
Alfalfa		30,714.13	314	18,218.76	A
Almond		410,857.80	2,736	215,608.31	A
Apple		4,858.01	84	2,643.40	A
Apricot		1,914.41	17	558.24	A
Bean, Dried		99.30	1	43.00	A
Blueberry		90.38	5	45.00	A
Bok Choy		16.55	1	12.00	A
Canola (Rape)		49.65	2	36.00	A
Carrot		1,323.35	6	638.00	A
Cherry		2,706.89	54	1,297.02	A
Chinese Cabbage (Nappa)		49.65	1	36.00	A
Corn (Forage - Fodder)		24,594.90	303	18,938.62	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Corn, Grain		206.88	3	150.00	A
Cotton		87,329.14	983	66,688.30	A
Gai Lon		143.43	4	104.00	A
Grape		58,963.93	1,147	31,594.05	A
Grape, Wine		24,690.25	212	12,626.85	A
Grapefruit		2,749.94	88	2,479.17	A
Kiwi		52.41	1	19.00	A
Landscape Maintenance		2,772.28			
Lemon		7,635.92	82	4,771.28	A
N-Grnhs Plants In Containers		8.62		6.00	A
N-Outdr Plants In Containers		1,275.41	93	5,049.80	A
Nectarine		28.96	1	7.00	A
Olive		5.79	1	7.00	A
Onion, Dry		96.54	1	70.00	A
Orange		64,201.05	952	58,436.56	A
Peach		259.73	9	188.43	A
Pecan		190.33	9	57.50	A
Pepper, Fruiting		27.59	1	12.00	A
Persimmon		183.43	13	102.00	A
Pistachio		123,105.10	939	62,297.00	A
Plum		5,843.60	74	2,959.77	A
Pomegranate		38,416.34	105	24,113.53	A
Potato		503.06	20	389.00	A
Rights Of Way		26,868.10			
		0.09	5	0.05	A
Total Pounds On This Commodity	26,868.19				
Tangelo		2,523.39	32	1,604.60	A
Tangerine		40,344.62	279	22,880.97	A
Tomato, Processing		1,553.56	9	897.00	A
Triticale		170.49	3	164.43	A
Uncultivated Ag		6,059.39	51	3,235.08	A
Uncultivated Non-Ag		1,203.88	2	1,220.00	A
Vertebrate Control		110.73	3	31.00	A
Walnut		154.22	7	109.81	A
Watermelon		303.42	3	110.00	A
Wheat		2,537.51	30	1,899.22	A
Wheat (Forage - Fodder)		1,135.87	12	831.00	A
Chemical Total		978,930.03	8,698		
HALOSULFURON-METHYL					
Alfalfa		11.49	3	245.00	A
Blueberry		3.26	8	70.00	A
Corn (Forage - Fodder)		137.98	55	3,109.41	A
Landscape Maintenance		7.70			
N-Outdr Plants In Containers		1.38	24	29.50	A
Pepper, Fruiting		2.23	1	47.50	A
Pistachio		16.83	29	1,010.50	A
Rights Of Way		0.61			
Sorghum/Milo		13.89	3	355.60	A
Tomato, Processing		20.02	12	680.70	A
Uncultivated Ag		1.73	3	66.90	A
Watermelon		1.83	2	44.00	A
Chemical Total		218.96	140		
HEPTAMETHYLTRISILOXANE ETHOXYLATED					
Alfalfa		12.06	3	178.00	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Almond	891.79	45	9,197.96	A
Cherry	91.08	12	504.50	A
Corn (Forage - Fodder)	12.39	2	108.00	A
Garlic	29.37	28	1,392.00	A
Grape	399.55	115	2,379.85	A
Grape, Wine	6.92	4	207.75	A
Onion, Dry	56.37	49	2,329.90	A
Potato	2.11	2	100.00	A
Chemical Total	1,501.64	260		
HEPTAMETHYLTRISILOXANE-1,3-PROPANEDIOL ETHER, ETHOXYLATED PROPOXYLATED				
Alfalfa	13.84	31	2,781.83	A
Almond	0.62	2	67.27	A
Cotton	0.28	5	276.00	A
Grape, Wine	4.27	2	80.00	A
Grapefruit	1.28	17	341.40	A
Orange	11.62	119	2,670.70	A
Pistachio	1.80	4	232.18	A
Tangelo	0.32	2	85.80	A
Tangerine	0.15	4	40.70	A
Chemical Total	34.19	186		
(Z,Z)-11,13-HEXADECADIENAL				
Almond	225.41	57	14,602.32	A
Pistachio	39.18	12	2,282.66	A
Chemical Total	264.59	69		
HEXAZINONE				
Alfalfa	484.37	13	1,147.52	A
Rights Of Way	5.50			
Chemical Total	489.87	13		
HEXYTHIAZOX				
Almond	4,952.11	231	30,347.07	A
Cherry	233.62	24	992.30	A
Corn (Forage - Fodder)	1,157.76	131	7,524.53	A
Cotton	13.20	2	118.00	A
Grape	162.85	22	1,039.08	A
Grape, Wine	70.62	6	465.30	A
Grapefruit	17.50	2	110.00	A
Lemon	88.33	8	384.60	A
N-Outdr Plants In Containers	12.73	14	157.20	A
Nectarine	73.38	9	384.36	A
Orange	447.65	44	2,346.00	A
Peach	12.37	3	85.00	A
Stone Fruit	1.02	3	11.00	A
Tangerine	632.75	29	3,472.09	A
Walnut	4.64	2	29.00	A
Chemical Total	7,880.52	530		
HYDRAMETHYLNON				
Almond	2.27	8	414.00	A
Landscape Maintenance	0.06			

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Structural Pest Control		2.78			
Chemical Total		5.10	8		
HYDROGEN CYANAMIDE					
Blueberry		189.29	4	26.44	A
Cherry		73,484.77	99	4,463.34	A
Fig		2,754.90		205.00	A
Grape		104,819.17	118	6,502.31	A
N-Outdr Plants In Containers		211.92	1	12.00	A
Chemical Total		181,460.04	222		
HYDROGEN PEROXIDE					
Carrot		19.72	2	80.00	A
Celery		3.40	1	11.48	A
Ditch Bank		93.59		3.00	T
Lettuce, Leaf		179.91	4	103.58	A
N-Grnhs Plants In Containers		2.47		6.00	A
		2.47			
Total Pounds On This Commodity	4.95				
Orange		86.26	3	35.00	A
Spinach		113.69	3	70.97	A
Structural Pest Control		42.11			
Swiss Chard		9.00	1	14.61	A
Tangerine		86.26	2	35.00	A
Tomato		10.43	2	22.42	A
Water (Industrlial)		659.69		1,381.00	T
		42.11		88.00	K
Total Pounds On This Commodity	701.79				
Chemical Total		1,351.10	18		
HYDROPRENE					
Structural Pest Control		31.27			
Chemical Total		31.27			
HYDROTREATED PARAFFINIC SOLVENT					
Alfalfa		937.59	16	1,178.85	A
Almond		234.17	7	174.67	A
Bean, Dried		56.92	1	37.00	A
Blueberry		18.90	3	25.00	A
Cotton		116.10	11	461.70	A
Garlic		31.94	1	42.00	A
Grape		692.42	92	2,302.20	A
Grape, Wine		16.12	4	46.00	A
Onion, Dry		22.79	1	30.00	A
Chemical Total		2,126.95	136		
2-(3-HYDROXYPROPYL)-HEPTA-METHYL TRISILOXANE, ETHOXYLATED, ACETATE					
Alfalfa		99.26	26	1,914.44	A
Almond		1,583.22	111	5,395.45	A
Bean, Dried		54.97	23	1,089.00	A
Blueberry		5.71	4	52.00	A
Cherry		24.05	12	207.00	A
Corn (Forage - Fodder)		126.85	36	2,009.93	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Cotton		61.41	25	1,616.00	A
Grape		1,315.31	122	4,142.62	A
Grape, Wine		1,711.41	48	11,888.00	A
Lemon		139.21	2	210.00	A
Nectarine		29.49	1	33.25	A
Oat (Forage - Fodder)		0.97	1	40.00	A
Onion, Dry		83.10	43	1,685.00	A
Orange		562.40	24	1,056.36	A
Peach		31.04	1	35.00	A
Pepper, Fruiting		181.94	18	1,042.00	A
Persimmon		4.30	1	20.00	A
Pistachio		10.69	4	80.00	A
Potato		8.06	1	75.00	A
Rights Of Way		1.32			
Sorghum/Milo		162.76	48	3,858.11	A
Tangelo		14.10	2	21.00	A
Tangerine		302.66	51	2,085.65	A
Tomato		1.38	1	10.42	A
Tomato, Processing		3.10	2	23.30	A
Wheat		1.61	1	66.00	A
Chemical Total		6,520.31	608		
IMAZALIL					
Citrus		994.29		75,991.28	U
		834.61		200,703.00	T
Total Pounds On This Commodity	1,828.90				
Grapefruit		0.45		59.42	K
		0.36		43.97	T
Total Pounds On This Commodity	0.82				
Orange		3,294.42		330,034.89	T
		218.94		29,992.39	U
Total Pounds On This Commodity	3,513.36				
Tangerine		0.55		113.90	T
Chemical Total		5,343.62			
IMAZALIL SULFATE					
Citrus		3,276.50		199,542.00	T
Chemical Total		3,276.50			
IMAZAMOX, AMMONIUM SALT					
Alfalfa		571.99	226	16,049.29	A
Chemical Total		571.99	226		
IMAZAPYR, ISOPROPYLAMINE SALT					
Rights Of Way		874.84			
Chemical Total		874.84			
IMAZETHAPYR					
Alfalfa		3.65	1	77.23	A
Chemical Total		3.65	1		
IMAZETHAPYR, AMMONIUM SALT					
Alfalfa		639.06	120	8,242.86	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total		639.06	120		
IMIDACLOPRID					
Almond		156.04	4	508.86	A
Bean, Dried		108.73	17	1,067.20	A
Blueberry		50.42	18	344.80	A
Bok Choy		41.33	9	241.00	A
Broccoli		5.23	1	18.00	A
Cabbage		21.21	9	236.00	A
Canola (Rape)		40.56	11	242.00	A
Cantaloupe		64.59	4	256.00	A
Carrot		3.43	2	80.00	A
Cherry		129.22	16	539.70	A
Chinese Cabbage (Nappa)		138.36	12	1,108.00	A
Cotton		94.40	26	1,507.80	A
Eggplant		4.21	3	16.78	A
Gai Lon		18.60	7	163.00	A
Grape		15,926.28	675	40,632.64	A
Grape, Wine		5,141.84	113	13,103.00	A
Grapefruit		253.99	30	674.90	A
Landscape Maintenance		30.99			
Lemon		1,038.53	33	2,113.79	A
Lettuce, Head		91.30	12	469.00	A
Lettuce, Leaf		40.46	2	112.00	A
Melon		46.92	5	245.00	A
N-Grnhs Plants In Containers		1.33		30.00	A
		0.79			
Total Pounds On This Commodity	2.13				
N-Outdr Plants In Containers		155.60	16	437.00	A
		0.18	1	4,000.00	U
Total Pounds On This Commodity	155.77				
Onion, Dry		30.35	1	60.00	A
Orange		9,696.47	432	20,701.51	A
		209.58	8	32,000.00	S
Total Pounds On This Commodity	9,906.05				
Pecan		292.20	9	578.00	A
Pepper, Fruiting		539.82	54	2,313.30	A
Pistachio		5.04	3	945.40	A
Plum		2.02	2	20.00	A
Pomegranate		1,700.67	34	4,728.68	A
Potato		600.59	80	5,672.92	A
Pumpkin		1.09	1	5.00	A
Regulatory Pest Control		0.82			
Squash		28.56	3	129.60	A
Stone Fruit		0.01	1	1,000.00	U
Structural Pest Control		190.15			
Tangelo		102.55	8	278.80	A
Tangerine		5,605.39	140	12,913.14	A
Tomato, Processing		2,306.10	54	6,265.76	A
Watermelon		168.62	11	693.20	A
Chemical Total		45,084.56	1,867		
INDAZIFLAM					
Almond		301.40	108	5,807.80	A
Apricot		5.40	5	166.59	A
Cherry		5.00	3	60.00	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Grapefruit		9.89	4	200.00	A
Landscape Maintenance		53.21			
Lemon		3.45	1	53.00	A
Nectarine		3.80	2	58.50	A
Orange		121.63	32	1,866.64	A
Peach		7.36	6	114.36	A
Pistachio		181.27	50	3,045.17	A
Plum		25.80	18	781.44	A
Rights Of Way		18.23			
Tangerine		325.13	67	5,522.83	A
Chemical Total		1,061.58	296		
INDOXACARB					
Alfalfa		146.82	26	1,798.20	A
Bok Choy		12.44	9	207.00	A
Cabbage		2.49	2	38.00	A
Canola (Rape)		9.51	8	169.00	A
Chinese Cabbage (Nappa)		3.73	2	62.00	A
Cotton		42.11	14	860.00	A
Eggplant		1.89	6	33.56	A
Gai Lon		0.84	1	15.00	A
Grape		90.00	7	800.00	A
Grape, Wine		1,241.70	51	13,245.00	A
Landscape Maintenance		0.19			
Lettuce, Head		13.39	7	204.00	A
N-Outdr Plants In Containers		3.21	4	28.50	A
Peach		65.64	9	583.50	A
Pepper, Fruiting		147.82	10	623.90	A
Plum		107.49	22	995.41	A
Structural Pest Control		6.94			
Tomato		24.11	9	368.40	A
Tomato, Processing		120.08	18	1,842.40	A
Watermelon		9.00	1	80.00	A
Chemical Total		2,049.38	206		
IODINE					
Structural Pest Control		2.73			
Chemical Total		2.73			
IPRODIONE					
Almond		23,117.33	512	43,990.92	A
Apricot		264.46	11	404.62	A
Blueberry		505.34	16	648.00	A
Broccoli		30.73	3	41.00	A
Carrot		8,722.62	165	10,705.84	A
Cherry		4,913.36	129	5,877.18	A
Cotton		1,968.09	24	7,417.50	A
Grape		2,706.90	105	4,339.74	A
Grape, Wine		3.18	7	13.90	A
Landscape Maintenance		62.28			
Lettuce, Head		74.92	1	75.00	A
N-Grnhs Plants In Containers		250.54		54.00	A
		202.02			
Total Pounds On This Commodity	452.56				
N-Outdr Plants In Containers		70.27	18	179.00	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Nectarine	355.88	9	421.25	A
Onion, Dry	182.15	8	242.80	A
Peach	416.83	15	774.50	A
Plum	5.02	1	5.00	A
Potato	1,248.58	21	1,835.00	A
Chemical Total	45,100.48	1,045		
IRON PHOSPHATE				
Almond	4.50	2	30.00	A
Grape, Wine	30.00	1	139.44	A
Grapefruit	1.41	1	7.00	A
Landscape Maintenance	1.06			
Lemon	11.42	6	78.00	A
Orange	24.61	4	147.00	A
Structural Pest Control	12.25			
Tangerine	14.06	2	60.00	A
Chemical Total	99.31	16		
ALPHA-ISODECYL-OMEGA-HYDROXYPOLY(OXYETHYLENE) PHOSPHATE				
Grape	706.47	40	1,409.27	A
Chemical Total	706.47	40		
ALPHA-ISOOCTADECYL-OMEGA-HYDROXYPOLY(OXYETHYLENE)				
Public Health	3,055.38			
Chemical Total	3,055.38			
ISOOCTYL PHTHALATE				
Lemon	0.52	1	15.00	A
Orange	503.44	82	5,068.22	A
Pistachio	30.24	12	588.00	A
Tangelo	12.87	2	140.00	A
Tangerine	73.18	12	1,117.00	A
Chemical Total	620.25	109		
ISOPARAFFINIC HYDROCARBONS				
Alfalfa	26.34	1	75.00	A
Cotton	5.14	1	58.00	A
Chemical Total	31.49	2		
ISOPROPYL ALCOHOL				
Alfalfa	827.42	154	13,016.14	A
Almond	20,572.28	1,220	123,114.80	A
Apple	8.10	9	459.10	A
Apricot	0.48	2	10.00	A
Bean, Dried	6.13	4	148.00	A
Blueberry	133.75	38	1,513.20	A
Broccoli	10.28	11	220.00	A
Carrot	4.35	5	93.20	A
Cherry	782.03	108	3,696.53	A
Corn (Forage - Fodder)	179.69	52	3,398.11	A
Corn, Human Consumption	0.75	1	9.00	A
Cotton	427.48	173	6,517.62	A
Fig	130.47		205.00	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Garlic		26.76	4	242.00	A
Grape		3,202.29	1,721	63,149.04	A
Grape, Wine		6,112.89	132	7,628.16	A
Grapefruit		22.09	14	319.17	A
Kiwi		5.63	2	67.20	A
Landscape Maintenance		40.15			
Lemon		6.89	11	306.04	A
N-Grnhs Plants In Containers		0.12		6.00	A
N-Outdr Plants In Containers		180.17	232	7,648.55	A
Nectarine		0.83	5	22.06	A
Oat (Forage - Fodder)		3.52	1	32.00	A
Olive		6.25	4	150.00	A
Onion, Dry		5.91	9	413.60	A
Orange		1,029.50	446	22,340.21	A
Peach		215.46	41	770.68	A
Pistachio		5,707.20	246	24,976.12	A
Plum		10.88	10	68.72	A
Pomegranate		733.69	35	4,520.07	A
Potato		44.17	31	1,808.08	A
Public Health		31.03			
Regulatory Pest Control		0.51			
Rights Of Way		236.54			
		0.17	1	0.01	A
Total Pounds On This Commodity	236.70				
Ryegrass		0.75	1	68.60	A
Safflower		16.03	6	241.66	A
Sorghum/Milo		414.96	42	3,556.50	A
Stone Fruit		0.37	4	14.00	A
Structural Pest Control		2.15			
Sudangrass		205.20	7	551.20	A
Tangelo		17.48	11	418.47	A
Tangerine		197.23	67	3,777.09	A
Tomato		1.90	5	215.20	A
Tomato, Processing		115.83	20	1,215.68	A
Triticale		11.01	3	85.03	A
Uncultivated Ag		21.91	16	863.59	A
Walnut		25.39	9	205.00	A
Wheat		167.74	73	4,262.16	A
Wheat (Forage - Fodder)		193.25	72	5,270.63	A
Chemical Total		42,097.07	5,058		
ISOPROPYLAMINE DODECYLBENZENE SULFONATE					
Alfalfa		1.64	11	546.00	A
Almond		49.25	10	1,503.00	A
Broccoli		0.16	3	33.00	A
Cherry		13.67	23	793.12	A
Cotton		11.83	48	2,592.57	A
Grape		45.84	272	7,986.47	A
Grape, Wine		0.15	16	16.00	A
N-Outdr Plants In Containers		0.04	2	9.00	A
Orange		4.09	5	438.00	A
Pecan		0.11	9	59.00	A
Pistachio		2.76	4	266.89	A
Pomegranate		245.67	118	36,744.61	A
Rights Of Way		0.75			
Uncultivated Ag		0.14	2	54.29	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Wheat	0.96	5	329.00	A
Chemical Total	377.06	528		
ISOXABEN				
Almond	45.98	3	61.37	A
Grape	837.44	49	1,173.53	A
Grape, Wine	225.24	29	568.55	A
Landscape Maintenance	129.40			
N-Outdr Plants In Containers	452.03	57	844.85	A
Orange	9.00	1	12.00	A
Pistachio	87.75	1	117.00	A
Pomegranate	2.50	1	2.50	A
Rights Of Way	280.64			
Structural Pest Control	0.47			
Chemical Total	2,070.45	141		
KAOLIN				
Apple	95.00	2	20.00	A
Blueberry	4,503.00	8	204.00	A
Cabbage	230.38	1	4.85	A
Cauliflower	169.10	1	3.56	A
Cherry	27,810.30	24	438.30	A
Grapefruit	5,225.00	1	80.00	A
Kohlrabi	76.95	1	1.62	A
N-Outdr Plants In Containers	1,748.00	4	49.00	A
Onion, Dry	27,123.36	25	679.51	A
Orange	20,733.75	11	434.00	A
Peach	95.00	1	2.00	A
Pepper, Fruiting	87.32	4	7.66	A
Pistachio	11,894.00	5	250.40	A
Pomegranate	2,992.50	8	84.00	A
Squash	3,800.00	3	100.00	A
Stone Fruit	33.25	1	1.00	A
Tangerine	6,270.00	7	160.00	A
Tomato	22,625.20	21	882.50	A
Tomato, Processing	17,405.43	14	512.60	A
Walnut	475.00	2	10.00	A
Chemical Total	153,392.53	144		
KEROSENE				
Alfalfa	144.58	127	7,725.94	A
Almond	337.57	430	19,237.93	A
Apple	23.93	26	1,348.67	A
Bean, Dried	11.54	14	650.60	A
Carrot	3.16	5	189.00	A
Cherry	3.82	2	38.50	A
Corn (Forage - Fodder)	86.93	91	5,489.05	A
Corn, Grain	3.14	3	150.00	A
Corn, Human Consumption	0.09	2	18.00	A
Cotton	169.64	167	10,368.40	A
Garlic	9.13	14	872.00	A
Grape	5.24	26	353.47	A
Grape, Wine	37.81	121	2,472.84	A
N-Outdr Plants In Containers	15.23	57	303.20	A
Oat (Forage - Fodder)	0.08	1	39.00	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Onion, Dry	2.73	5	260.70	A
Pistachio	40.50	40	1,489.49	A
Potato	6.50	9	501.00	A
Rights Of Way	0.93			
Sorghum/Milo	23.97	42	2,329.31	A
Tangerine	0.31	1	20.00	A
Triticale	1.73	2	92.00	A
Uncultivated Ag	1.51	4	9.00	A
Walnut	0.88	5	168.00	A
Wheat	27.31	48	2,624.10	A
Wheat (Forage - Fodder)	21.01	30	2,080.57	A
Chemical Total	979.28	1,272		
KRESOXIM-METHYL				
Grape	2,684.58	276	16,628.35	A
Grape, Wine	34.78	8	291.00	A
N-Outdr Plants In Containers	3.18	3	72.00	A
Chemical Total	2,722.54	287		
LACTOSE				
Almond	6.90	2	102.20	A
Carrot	85.63	113	5,581.53	A
Cherry	12.83	8	285.00	A
Grape, Wine	0.01	1	0.50	A
Grapefruit	33.60	12	192.70	A
Lemon	24.59	6	162.00	A
N-Outdr Plants In Containers	0.02	2	1.00	A
Orange	448.85	124	4,197.20	A
Potato	26.50	21	1,283.43	A
Tangelo	11.58	3	85.80	A
Tangerine	283.51	43	5,656.89	A
Tomato	0.41	1	36.88	A
Tomato, Processing	4.07	6	470.13	A
Chemical Total	938.50	342		
LAMBDA-CYHALOTHRIN				
Alfalfa	388.02	198	13,728.90	A
Almond	345.86	83	13,589.49	A
Barley	15.54	8	493.00	A
Broccoli	0.63	1	20.00	A
Cabbage	3.77	6	180.00	A
Cherry	39.81	16	984.00	A
Chinese Cabbage (Nappa)	40.43	21	1,359.00	A
Cotton	126.28	4	501.00	A
Gai Lon	16.07	25	609.00	A
Garlic	5.10	3	162.00	A
Landscape Maintenance	31.35			
Oat	14.52	5	485.00	A
Oat (Forage - Fodder)	8.20	7	260.70	A
Onion, Dry	4.55	5	189.90	A
Pistachio	2,204.48	451	55,722.72	A
Potato	5.60	8	372.00	A
Sorghum/Milo	16.96	6	500.00	A
Structural Pest Control	862.82			
Tomato, Processing	18.31	8	783.00	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Walnut		0.78	1	20.00	A
Watermelon		2.10	1	70.00	A
Chemical Total		4,151.18	857		
LAURIC ACID					
Cherry		10.24	3	96.00	A
Grape		6.45	7	430.00	A
Grape, Wine		5.13	8	90.97	A
Grapefruit		4.15	2	39.20	A
Orange		61.03	25	616.20	A
Tangelo		11.90	2	112.50	A
Chemical Total		98.90	47		
LAURYL ALCOHOL					
Apple		0.20	1	10.00	A
Chemical Total		0.20	1		
LAVANDULYL SENECIOATE					
Grape		37.65	10	456.00	A
Grape, Wine		237.92	11	3,771.00	A
Chemical Total		275.57	21		
LECITHIN					
Alfalfa		470.85	104	6,584.20	A
Almond		19,504.16	799	78,586.68	A
Apple		1,217.77	46	2,306.66	A
Cabbage		9.39	6	114.00	A
Cantaloupe		13.02	3	150.00	A
Carrot		2.90	1	65.00	A
Cherry		139.88	15	390.37	A
Corn (Forage - Fodder)		30.50	20	494.20	A
Cotton		609.84	115	11,844.25	A
Fig		253.60	2	703.00	A
Grape		1,160.03	63	3,167.12	A
Grape, Wine		383.68	33	1,079.33	A
Grapefruit		36.62	1	18.00	A
Landscape Maintenance		12.09			
Lemon		1,401.51	52	3,865.25	A
Lettuce, Head		28.83	15	427.00	A
N-Outdr Plants In Containers		22.02	13	67.30	A
Nectarine		20.11	1	33.25	A
Onion, Dry		7.24	4	169.50	A
Orange		3,667.44	118	8,670.29	A
Peach		24.19	1	40.00	A
Pepper, Fruiting		47.44	4	427.60	A
Persimmon		8.26	5	50.00	A
Pistachio		10,168.96	271	26,664.23	A
Pomegranate		725.43	21	3,008.33	A
Rights Of Way		3,375.30			
		< 0.01	1	0.01	A
Total Pounds On This Commodity	3,375.30				
Sorghum/Milo		4.75	3	62.90	A
Squash		24.39	6	198.60	A
Tangerine		13,526.77	174	16,344.81	A
Tomato, Processing		14.55	9	699.00	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Triticale	9.13	1	121.70	A
Walnut	75.83	3	105.00	A
Watermelon	24.10	9	319.00	A
Wheat	8.59	2	152.98	A
Wheat (Forage - Fodder)	73.04	6	471.00	A
Chemical Total	57,102.18	1,927		
LIME				
Grape, Wine	2,334.50	1	620.00	A
Chemical Total	2,334.50	1		
LIME-SULFUR				
Cherry	2,928.72	7	192.00	A
Grape	528,520.38	309	17,561.78	A
Grape, Wine	7,982.62	5	258.00	A
N-Outdr Plants In Containers	688.80	1	23.00	A
Chemical Total	540,120.51	322		
LIMONENE				
Almond	997.48	8	1,430.73	A
Cotton	19.77	4	140.00	A
Pistachio	56.52	4	266.89	A
Pomegranate	5,036.15	118	36,744.61	A
Rights Of Way	5.40			
Structural Pest Control	14.06			
Chemical Total	6,129.38	134		
LINALOOL				
Structural Pest Control	0.12			
Chemical Total	0.12			
LINURON				
Asparagus	228.00	3	228.00	A
Carrot	19,678.32	422	25,342.90	A
Chemical Total	19,906.32	425		
LOW MOLECULAR WEIGHT PARAFFINIC OIL				
Grapefruit	5.98	3	25.00	A
Lemon	6.27	3	30.00	A
Orange	354.96	123	1,536.50	A
Tangerine	4.25	1	15.00	A
Chemical Total	371.46	130		
MAGNESIUM PHOSPHIDE				
Fumigation, Other	0.61			
Sunflower	0.28		6,400.00	U
Chemical Total	0.89			
MALATHION				
Blueberry	377.13	9	408.00	A
Broccoli	1,409.63	50	905.62	A
Cabbage	10.22	1	5.00	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Cherry		7,765.89	98	6,515.90	A
Grape		153.31	1	80.00	A
Grapefruit		14.96	3	30.00	A
Landscape Maintenance		17.76			
N-Outdr Plants In Containers		46.50	3	47.50	A
Onion, Dry		860.90	8	561.90	A
Orange		1,668.98	147	2,092.80	A
Regulatory Pest Control		2,561.48			
Structural Pest Control		239.73			
Tangelo		4.99	1	10.00	A
Tangerine		10.14	2	20.00	A
Chemical Total		15,141.63	323		
MALEIC HYDRAZIDE, POTASSIUM SALT					
Potato		8,597.81	43	2,237.97	A
Chemical Total		8,597.81	43		
MANCOZEB					
Apple		7,740.95	52	2,649.63	A
Broccoli		63.00	2	40.00	A
Garlic		258.75	2	115.00	A
Grape		6,937.14	79	4,563.82	A
Landscape Maintenance		512.33			
Lettuce, Head		42.00	1	35.00	A
N-Grnhs Plants In Containers		1.41		24.00	A
		0.56			
Total Pounds On This Commodity	1.97				
N-Outdr Plants In Containers		822.81	29	882.55	A
Onion, Dry		5,952.61	62	3,372.80	A
Potato		19,262.89	207	14,265.99	A
Tomato		730.06	16	598.42	A
Tomato, Processing		10,895.98	187	11,264.45	A
Watermelon		393.75	3	225.00	A
Chemical Total		53,614.23	640		
MANDIPROPAMID					
Broccoli		36.62	15	281.98	A
Onion, Dry		481.64	78	3,700.90	A
Onion, Green		2.60	1	20.00	A
Potato		197.60	24	1,833.64	A
Chemical Total		718.47	118		
MANEB					
Broccoli		120.00	4	80.00	A
Grape		715.54	17	724.20	A
Chemical Total		835.54	21		
MANGANESE SULFATE					
Alfalfa		13.34	34	2,250.29	A
Almond		122.27	12	1,140.73	A
Bean, Dried		0.83	4	170.00	A
Cherry		16.51	18	607.00	A
Corn (Forage - Fodder)		0.39	1	50.00	A
Cotton		2.64	6	340.90	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Lettuce, Head	0.39	2	40.00	A
Sorghum/Milo	8.41	2	133.29	A
Tangerine	9.24	3	191.30	A
Chemical Total	174.01	82		
MARGOSA OIL				
Apricot	19.95	1	5.00	A
Broccoli	29.76	1	24.16	A
Brussels Sprout	14.93	6	12.12	A
Cabbage	56.13	7	91.14	A
Cauliflower	4.39	1	3.56	A
Persimmon	138.03	7	47.50	A
Tomato	202.15	8	179.72	A
Chemical Total	465.34	31		
MCPA, DIMETHYLAMINE SALT				
Oat	202.96	8	217.00	A
Oat (Forage - Fodder)	768.03	13	385.20	A
Rights Of Way	11.30			
Ryegrass	182.10	7	294.60	A
Wheat	3,871.86	109	6,444.09	A
Wheat (Forage - Fodder)	7,846.55	188	11,897.52	A
Chemical Total	12,882.80	325		
MCPA, 2-ETHYL HEXYL ESTER				
Landscape Maintenance	0.04			
Rights Of Way	0.03			
Chemical Total	0.06			
MCPA, ISOOCTYL ESTER				
Landscape Maintenance	1.79			
Chemical Total	1.79			
MCPP, DIMETHYLAMINE SALT				
Landscape Maintenance	13.69			
Chemical Total	13.69			
MCPP-P, DIMETHYLAMINE SALT				
Landscape Maintenance	24.03			
N-Outdr Plants In Containers	1.77		5.00	A
Rights Of Way	1.15			
Chemical Total	26.95			
MECOPROP-P				
Landscape Maintenance	25.59			
N-Outdr Plants In Containers	8.10		100.00	A
Rights Of Way	< 0.01			
Chemical Total	33.69			
MEFENOXAM				
Alfalfa	45.09	3	240.00	A
Carrot	5,793.67	486	30,420.21	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Corn (Forage - Fodder)		4.73	1	35.00	A
Gai Lon		1.62	1	26.00	A
Garlic		46.24	9	468.00	A
Grape, Wine		0.08	3	4.70	A
Landscape Maintenance		17.08			
Lemon		4.97	1	53.00	A
Melon		5.41	2	43.00	A
N-Grnhs Plants In Containers		180.43			
		16.22		30.00	A
Total Pounds On This Commodity	196.65				
N-Outdr Plants In Containers		4.29	18	15.51	A
Onion, Dry		856.69	163	8,136.20	A
Orange		4.41	3	330.00	A
Parsley		35.23	3	187.40	A
Pepper, Fruiting		708.81	47	2,096.70	A
Potato		65.60	13	620.80	A
Tangerine		568.51	42	3,772.79	A
Tomato		32.95	8	316.40	A
Tomato, Processing		31.33	7	270.24	A
Watermelon		177.62	15	904.20	A
Chemical Total		8,600.97	825		
MEFENOXAM, OTHER RELATED					
Carrot		14.84	37	2,409.29	A
Garlic		1.22	6	306.00	A
Landscape Maintenance		0.06			
N-Grnhs Plants In Containers		5.93			
		0.53		30.00	A
Total Pounds On This Commodity	6.46				
Onion, Dry		1.41	9	563.20	A
Pepper, Fruiting		0.12	3	58.00	A
Chemical Total		24.12	55		
MEFLUIDIDE, DIETHANOLAMINE SALT					
Landscape Maintenance		18.75			
Rights Of Way		1.15			
Chemical Total		19.90			
MEPIQUAT CHLORIDE					
Cotton		1,870.46	627	36,647.22	A
Chemical Total		1,870.46	627		
MESOSULFURON-METHYL					
Triticale		1.63	1	121.70	A
Wheat		55.42	74	4,188.01	A
Wheat (Forage - Fodder)		35.54	38	2,658.95	A
Chemical Total		92.58	113		
META-CRESOL					
Grape		0.05	3	22.20	A
Chemical Total		0.05	3		
METALAXYL					

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Structural Pest Control	0.02			
Chemical Total	0.02			
METALDEHYDE				
Grape	838.90	58	2,964.75	A
Grape, Wine	9.60	1	6.00	A
Grapefruit	109.33	15	259.00	A
Landscape Maintenance	17.46			
Lemon	1,048.38	39	1,503.73	A
N-Outdr Plants In Containers	19.20	2	24.00	A
Orange	6,590.22	295	10,756.67	A
Structural Pest Control	2.54			
Tangelo	4.00	1	10.00	A
Tangerine	368.08	43	1,593.33	A
Chemical Total	9,007.70	454		
METAM-SODIUM				
Beet	3,193.09	1	37.00	A
Carrot	1,541,086.82	110	7,226.89	A
Onion, Dry	7,694.20	1	45.00	A
Orange	8,360.78	2	39.50	A
Pepper, Fruiting	59,795.45	6	282.50	A
Potato	734,731.55	65	4,303.70	A
Rights Of Way	1,001.48			
Squash	701.03	1	8.58	A
Sweet Potato	5,770.65	4	90.70	A
Tomato, Processing	133,617.16	31	1,371.23	A
Watermelon	12,416.00	4	182.00	A
Chemical Total	2,508,368.21	225		
METCONAZOLE				
Almond	7,536.40	725	70,470.57	A
Apricot	7.11	1	65.00	A
Cherry	10.92	3	90.00	A
Landscape Maintenance	30.95			
N-Outdr Plants In Containers	2.50	1	20.00	A
Pistachio	393.80	27	3,161.34	A
Wheat	182.98	61	4,344.98	A
Wheat (Forage - Fodder)	46.07	18	1,106.80	A
Chemical Total	8,210.73	836		
METHIDATHION				
Alfalfa	289.96	3	289.90	A
Apple	1,645.33	16	822.50	A
Safflower	1,195.74	9	2,391.00	A
Tangerine	224.91	3	126.00	A
Chemical Total	3,355.95	31		
METHOMYL				
Blueberry	138.60	2	154.00	A
Corn (Forage - Fodder)	128.39	10	288.10	A
Garlic	230.03	11	511.18	A
Grape	3,425.13	77	4,642.73	A
Grapefruit	54.00	2	80.00	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Nectarine	312.75	7	366.00	A
Onion, Dry	1,443.33	23	1,662.70	A
Orange	2,137.77	26	2,675.30	A
Pepper, Fruiting	194.40	6	216.00	A
Pomegranate	13,081.11	47	14,534.57	A
Potato	819.54	15	1,134.60	A
Structural Pest Control	0.05			
Tangerine	444.60	6	494.00	A
Tomato	61.29	2	68.10	A
Tomato, Processing	414.90	3	461.00	A
Chemical Total	22,885.89	237		
METHOPRENE				
Public Health	26.70			
Structural Pest Control	0.12			
Chemical Total	26.82			
S-METHOPRENE				
Almond	160.24	151	22,692.26	A
Persimmon	0.04	1	10.00	A
Public Health	66.08			
Structural Pest Control	0.77			
Tangerine	9.65	10	1,921.00	A
Chemical Total	236.78	162		
METHOXYFENOZIDE				
Alfalfa	74.98	11	613.80	A
Almond	11,360.59	441	40,375.71	A
Apple	94.59	5	335.00	A
Apricot	0.70	1	5.00	A
Bean, Dried	20.90	2	148.00	A
Carrot	29.96	3	212.00	A
Cherry	4.25	1	15.00	A
Cotton	52.43	6	297.00	A
Grape	4,632.46	439	22,353.56	A
Grape, Wine	368.95	49	1,672.18	A
Lettuce, Leaf	25.82	3	112.00	A
N-Outdr Plants In Containers	0.11	3	0.51	A
Peach	144.11	9	583.50	A
Pepper, Fruiting	18.21	4	97.30	A
Pistachio	3,613.85	69	10,714.25	A
Plum	1.42	1	10.00	A
Pomegranate	1,753.46	40	7,108.38	A
Pumpkin	0.88	1	5.00	A
Sorghum (Forage - Fodder)	5.65	2	40.00	A
Sorghum/Milo	10.35	1	73.20	A
Sudangrass	77.83	7	551.20	A
Tomato, Processing	103.44	6	675.00	A
Watermelon	144.16	21	966.70	A
Chemical Total	22,539.09	1,125		
METHYLATED SOYBEAN OIL				
Alfalfa	5,913.52	194	13,616.44	A
Almond	143,350.24	1,463	125,640.08	A
Apple	1,284.25	55	2,609.41	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Apricot	1,259.17	26	830.88	A
Bean, Dried	443.76	25	1,237.00	A
Broccoli	45.63	15	246.12	A
Carrot	60.45	5	189.00	A
Cherry	1,793.63	86	4,080.93	A
Corn (Forage - Fodder)	2,991.03	205	10,747.25	A
Corn, Grain	59.94	3	150.00	A
Corn, Human Consumption	1.80	2	18.00	A
Cotton	5,890.15	312	19,067.00	A
Eggplant	2.55	3	16.78	A
Fig	126.80	2	703.00	A
Gai Lon	1.15	1	20.00	A
Garlic	199.85	15	904.00	A
Grape	16,517.46	324	16,396.30	A
Grape, Wine	1,278.59	156	4,318.06	A
Grapefruit	289.92	29	574.50	A
Lemon	508.60	38	2,883.65	A
N-Outdr Plants In Containers	293.44	58	348.20	A
Nectarine	27.72	3	17.50	A
Oat (Forage - Fodder)	7.88	4	67.00	A
Olive	23.55	1	9.25	A
Onion, Dry	53.37	6	263.20	A
Orange	5,664.98	318	13,143.54	A
Pecan	22.86	9	87.00	A
Persimmon	4.13	5	50.00	A
Pistachio	40,521.53	454	32,528.24	A
Plum	1,455.89	35	1,299.59	A
Pomegranate	1,353.83	22	2,492.38	A
Potato	380.74	18	855.00	A
Rights Of Way	2,750.33			
Ryegrass	51.39	6	226.00	A
Sorghum (Forage - Fodder)	9.10	2	40.00	A
Sorghum/Milo	510.50	44	2,362.31	A
Structural Pest Control	127.31			
Tangelo	180.76	13	535.80	A
Tangerine	6,550.04	160	14,996.67	A
Triticale	33.01	2	92.00	A
Uncultivated Ag	28.79	4	9.00	A
Uncultivated Non-Ag	318.28		1,000.00	A
Walnut	44.24	7	226.00	A
Wheat	1,500.63	116	6,005.18	A
Wheat (Forage - Fodder)	401.43	30	2,080.57	A
Chemical Total	244,334.25	4,276		
METHYL BROMIDE				
Almond	558.00	5	1,037.00	A
Fumigation, Other	606.60			
Grape, Wine	8,096.76	2	27.00	A
N-Outdr Flower	442.20	1	2.00	A
N-Outdr Plants In Containers	109,245.09	11	387.10	A
Strawberry	573.63	3	3.53	A
Chemical Total	119,522.28	22		
2-METHYL-4-ISOTHIAZOLIN-3-ONE				
Water (Industrlial)	2.13		3.00	U

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total	2.13			
METHYL PARATHION				
Walnut	216.75	4	115.00	A
Chemical Total	216.75	4		
METHYL PARATHION, OTHER RELATED				
Walnut	11.41	4	115.00	A
Chemical Total	11.41	4		
METHYL SILICONE RESINS				
Almond	602.15	134	2,462.50	A
Rights Of Way	29.52			
Chemical Total	631.66	134		
METOLACHLOR				
Corn (Forage - Fodder)	6,489.23	52	3,631.00	A
Sorghum/Milo	15,233.81	121	9,353.37	A
Sudangrass	872.86	12	536.00	A
Chemical Total	22,595.91	185		
S-METOLACHLOR				
Bean, Dried	1,082.86	17	919.10	A
Bean, Succulent	72.15	1	75.71	A
Corn (Forage - Fodder)	190.97	2	111.60	A
Cotton	6,559.19	21	5,175.00	A
Potato	5,614.18	81	4,439.61	A
Safflower	183.72	3	145.00	A
Sorghum/Milo	2,788.36	26	1,719.76	A
Tomato, Processing	2,332.18	31	2,161.12	A
Chemical Total	18,823.60	182		
METRAFENONE				
Grape	3,657.49	193	13,157.04	A
Grape, Wine	397.41	14	1,592.80	A
N-Outdr Plants In Containers	13.85	2	46.00	A
Chemical Total	4,068.75	209		
METRIBUZIN				
Alfalfa	165.02	7	496.75	A
Landscape Maintenance	2.44			
Potato	3.75	1	25.00	A
Chemical Total	171.21	8		
MINERAL OIL				
Alfalfa	2,088.76	50	3,527.72	A
Almond	1,123,708.86	592	63,205.97	A
Apricot	62.78	1	5.00	A
Bean, Dried	27.87	3	202.20	A
Blueberry	122.24	5	253.00	A
Broccoli	7.09	6	118.00	A
Cabbage	0.15	1	2.00	A
Cantaloupe	65.37	10	299.00	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Carrot		47.75	6	269.00	A
Cauliflower		0.44	1	6.00	A
Cherry		34,450.73	94	3,361.61	A
Corn (Forage - Fodder)		86.87	2	282.00	A
Cotton		727.74	38	2,228.27	A
Grape		32,509.44	459	20,784.33	A
Grape, Wine		3,133.96	36	1,512.23	A
Grapefruit		3,934.32	32	536.45	A
Kiwi		11.69	1	19.00	A
Lemon		472.21	8	199.00	A
Melon		1.50	1	25.00	A
N-Outdr Plants In Containers		2,737.92	31	1,093.80	A
Nectarine		1,174.84	4	162.25	A
Olive		1,990.07	7	334.00	A
Onion, Dry		113.12	23	2,049.10	A
Orange		180,258.65	380	13,696.58	A
Peach		1,391.21	1	40.00	A
Pepper, Fruiting		78.72	22	900.83	A
Pistachio		413,980.61	75	11,378.54	A
Plum		5,275.36	6	250.86	A
Pomegranate		4,824.65	1	170.99	A
Potato		244.53	46	3,018.00	A
Pumpkin		0.77	2	10.00	A
Rights Of Way		4.81			
Sorghum/Milo		344.12	11	835.60	A
Squash		51.87	3	54.67	A
Structural Pest Control		290.51			
Tangelo		5,153.48	10	337.20	A
Tangerine		10,750.13	32	1,126.60	A
Tomato, Processing		135.63	36	2,375.65	A
Uncultivated Ag		32.61	5	72.70	A
Uncultivated Non-Ag		49.99	2	34.00	A
Walnut		42.22	1	2.50	A
Watermelon		48.41	7	205.25	A
Wheat		64.87	9	528.00	A
Wheat (Forage - Fodder)		52.37	2	200.00	A
Chemical Total		1,830,551.22	2,062		
MODIFIED PHTHALIC GLYCEROL ALKYD RESIN					
Alfalfa		0.62	2	75.00	A
Almond		2,766.67	140	12,739.58	A
Apple		280.19	19	660.00	A
Apricot		176.84	46	1,534.37	A
Blueberry		261.44	29	1,311.20	A
Cherry		1,908.01	93	3,433.90	A
Corn (Forage - Fodder)		140.61	43	2,508.00	A
Grape		35,217.53	4,126	245,063.80	A
Grape, Wine		872.26	113	6,395.60	A
Grapefruit		55.70	8	161.00	A
Kiwi		11.30	2	67.20	A
Landscape Maintenance		19.35			
Lemon		374.85	8	793.19	A
N-Grnhs Plants In Containers		22.14		30.00	A
		3.36			
Total Pounds On This Commodity	25.51				
N-Outdr Plants In Containers		112.52	69	1,364.95	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Nectarine		429.14	21	956.36	A
Orange		10,550.46	292	17,323.45	A
Peach		78.37	9	257.80	A
Pecan		147.60	22	801.45	A
Pepper, Fruiting		25.86	7	331.00	A
Pistachio		4,952.07	144	23,294.98	A
Plum		347.39	105	3,797.79	A
Pomegranate		7.33	2	30.00	A
Rights Of Way		0.34	1	0.01	A
Stone Fruit		0.74	4	14.00	A
Tangelo		27.90	4	66.14	A
Tangerine		17,005.21	399	42,771.62	A
Tomato, Processing		76.60	9	648.80	A
Walnut		484.28	5	700.00	A
Watermelon		10.92	1	70.00	A
Wheat		15.51	7	354.10	A
Chemical Total		76,383.11	5,730		
MOLASSES					
Grape, Wine		1.25	1	23.10	A
Chemical Total		1.25	1		
MORPHOLINE					
Lemon		0.22	1	15.00	A
Orange		217.68	82	5,068.22	A
Pistachio		13.08	12	588.00	A
Tangelo		5.56	2	140.00	A
Tangerine		31.64	12	1,117.00	A
Chemical Total		268.19	109		
MSMA					
Cotton		29.97	1	58.00	A
Landscape Maintenance		515.37			
Rights Of Way		30.18			
Chemical Total		575.52	1		
MUSCALURE					
Structural Pest Control		0.10			
Chemical Total		0.10			
MYCLOBUTANIL					
Almond		26.77	4	211.35	A
Apple		125.34	22	826.67	A
Apricot		52.29	14	489.65	A
Cherry		266.70	61	2,087.74	A
Grape		5,569.26	1,024	49,908.02	A
Grape, Wine		1,712.94	127	16,669.80	A
Landscape Maintenance		2.12			
N-Grnhs Plants In Containers		0.16			
		0.09		6.00	A
Total Pounds On This Commodity	0.25				
N-Outdr Plants In Containers		92.43	40	1,085.90	A
Nectarine		28.97	6	232.00	A
Pepper, Fruiting		153.68	30	1,361.70	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Plum		104.05	31	1,040.44	A
Pumpkin		1.25	2	10.00	A
Squash		10.91	2	87.30	A
Tomato, Processing		20.50	3	205.00	A
Watermelon		70.88	12	599.00	A
Chemical Total		8,238.33	1,378		
MYRISTYL ALCOHOL					
Apple		0.04	1	10.00	A
Chemical Total		0.04	1		
NAA, AMMONIUM SALT					
Rights Of Way		0.08			
Chemical Total		0.08			
NAA, ETHYL ESTER					
Pomegranate		0.03	3	0.15	A
Chemical Total		0.03	3		
NALED					
Cotton		243.80	3	242.00	A
N-Grnhs Plants In Containers		9.44		30.00	A
		1.38			
Total Pounds On This Commodity	10.83				
Safflower		4,815.94	9	2,391.00	A
Chemical Total		5,070.56	12		
1-NAPHTHALENEACETAMIDE					
Apple		5.71	4	169.80	A
Chemical Total		5.71	4		
NAPROPAMIDE					
Grape, Wine		64.00	16	16.00	A
N-Outdr Plants In Containers		1,113.61	11	457.10	A
Pomegranate		600.00	5	485.00	A
Structural Pest Control		2.00			
Chemical Total		1,779.61	32		
NEROLIDOL					
Grape		0.76	2	46.00	A
Chemical Total		0.76	2		
NONANOIC ACID					
Landscape Maintenance		6.66			
Chemical Total		6.66			
NONANOIC ACID, OTHER RELATED					
Landscape Maintenance		0.35			
Chemical Total		0.35			
4-NONYLPHENOL, FORMALDEHYDE RESIN, PROPOXYLATED					

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Alfalfa	360.06	90	6,669.33	A
Almond	9,064.73	625	43,120.84	A
Apple	626.99	109	3,928.30	A
Asparagus	0.51	3	228.00	A
Barley	19.96	15	943.00	A
Bean, Dried	66.38	13	642.84	A
Bok Choy	1.44	2	50.00	A
Broccoli	32.38	25	503.98	A
Cabbage	2.97	1	66.00	A
Canola (Rape)	1.04	1	23.00	A
Cantaloupe	9.82	4	215.00	A
Carrot	1,482.73	152	10,186.90	A
Cherry	62.79	26	563.43	A
Corn (Forage - Fodder)	500.43	110	5,985.00	A
Corn, Grain	6.34	1	70.00	A
Cotton	1,465.15	205	13,689.68	A
Gai Lon	0.87	1	30.00	A
Garlic	98.99	18	1,022.05	A
Grape	2,799.57	259	13,506.82	A
Grape, Wine	191.17	67	3,029.40	A
Grapefruit	19.54	6	55.00	A
Lemon	23.85	6	113.00	A
Lettuce, Head	2.53	1	35.00	A
Lettuce, Leaf	28.71	5	267.00	A
Melon	5.47	3	120.00	A
N-Outdr Plants In Containers	77.10	36	1,093.50	A
Nectarine	89.93	11	592.50	A
Oat	23.15	6	499.00	A
Oat (Forage - Fodder)	1.29	1	25.00	A
Onion, Dry	68.60	8	380.00	A
Orange	1,240.21	232	4,805.31	A
Parsley	16.37	6	290.30	A
Peach	221.74	82	5,293.30	A
Pepper, Fruiting	57.33	47	1,707.74	A
Persimmon	2.89	1	20.00	A
Pistachio	3,117.69	194	23,292.49	A
Plum	1.07	2	26.40	A
Pomegranate	127.51	7	1,331.73	A
Potato	184.05	39	2,517.00	A
Radish	0.72	1	4.00	A
Sorghum/Milo	26.95	2	264.00	A
Squash	2.11	2	58.20	A
Stone Fruit	0.41	2	6.00	A
Tangelo	4.33	1	10.00	A
Tangerine	166.39	20	1,296.63	A
Tomato	0.30	2	9.36	A
Tomato, Processing	134.04	39	2,586.71	A
Triticale	0.77	4	234.00	A
Uncultivated Ag	20.53	4	284.20	A
Walnut	10.83	1	30.00	A
Watermelon	91.59	45	2,010.43	A
Wheat	715.61	170	10,972.40	A
Wheat (Forage - Fodder)	304.24	94	5,296.50	A
Chemical Total	23,582.15	2,807		

ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY(OXYETHYLENE)

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Alfalfa	3,129.92	545	40,340.77	A
Almond	143,675.41	3,612	356,537.61	A
Apple	2,438.80	157	7,082.33	A
Apricot	147.10	26	830.88	A
Barley	93.07	18	1,393.00	A
Bean, Dried	139.98	24	1,259.10	A
Bean, Succulent	11.83	2	145.32	A
Blueberry	333.63	73	1,243.00	A
Broccoli	34.26	26	466.12	A
Cabbage	2.62	6	114.00	A
Cantaloupe	3.72	3	150.00	A
Carrot	215.90	38	1,460.50	A
Cherry	2,073.49	235	8,648.26	A
Corn (Forage - Fodder)	1,094.42	250	13,042.15	A
Corn, Grain	43.80	5	225.00	A
Corn, Human Consumption	4.09	2	18.00	A
Cotton	5,636.43	786	50,158.94	A
Eggplant	0.48	3	16.78	A
Fig	391.40		205.00	A
Gai Lon	0.22	1	20.00	A
Garlic	140.95	19	925.00	A
Grape	17,059.40	1,411	66,726.24	A
Grape, Wine	18,568.59	456	43,713.41	A
Grapefruit	509.59	46	936.27	A
Kiwi	0.70	1	19.00	A
Landscape Maintenance	38.96			
Lemon	1,238.11	38	2,934.68	A
Lettuce, Head	8.09	15	427.00	A
N-Grnhs Plants In Containers	0.05		6.00	A
N-Outdr Plants In Containers	533.59	179	5,828.50	A
Nectarine	15.27	9	158.00	A
Oat (Forage - Fodder)	78.98	15	453.08	A
Olive	43.59	6	168.50	A
Onion, Dry	370.67	45	1,724.70	A
Orange	12,886.77	672	30,412.57	A
Parsley	42.45	3	297.10	A
Peach	277.34	82	5,293.30	A
Pepper, Fruiting	131.09	15	1,374.48	A
Persimmon	0.75	5	11.00	A
Pistachio	63,109.07	1,625	172,740.25	A
Plum	187.44	40	1,451.61	A
Pomegranate	11,269.15	199	34,727.78	A
Potato	458.04	51	2,510.90	A
Public Health	107.80			
Rights Of Way	2,492.27			
Ryegrass	9.64	6	226.00	A
Safflower	42.71	6	247.20	A
Sorghum (Forage - Fodder)	1.71	2	40.00	A
Sorghum/Milo	575.79	48	2,902.52	A
Squash	12.47	7	243.60	A
Structural Pest Control	22.64			
Tangelo	68.64	16	650.70	A
Tangerine	1,216.36	77	3,681.59	A
Tomato	110.65	19	635.24	A
Tomato, Processing	149.46	28	2,108.08	A
Triticale	25.10	8	455.73	A
Uncultivated Ag	75.45	26	1,009.09	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Uncultivated Non-Ag	75.17	2	1,200.00	A
Vertebrate Control	1.49	3	31.00	A
Walnut	142.14	18	416.00	A
Watermelon	229.30	24	1,026.85	A
Wheat	853.02	265	14,272.60	A
Wheat (Forage - Fodder)	585.64	133	8,601.52	A
Chemical Total	293,236.63	11,432		
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY(OXYETHYLENE), BRANCHED				
Alfalfa	82.23	29	2,085.60	A
Almond	10.18	7	202.75	A
Canola (Rape)	0.02	1	23.00	A
Corn (Forage - Fodder)	4.33	46	2,456.50	A
Cotton	0.03	1	34.00	A
Garlic	3.34	1	42.00	A
Grape	271.06	130	3,656.27	A
Grape, Wine	1.68	4	46.00	A
Lemon	0.35	1	15.00	A
Onion, Dry	2.38	1	30.00	A
Orange	342.35	82	5,068.22	A
Pistachio	31.10	19	1,726.00	A
Sorghum/Milo	1.55	12	875.50	A
Tangelo	8.75	2	140.00	A
Tangerine	49.76	12	1,117.00	A
Tomato	0.67	4	180.20	A
Tomato, Processing	0.58	2	155.30	A
Walnut	1.90	1	38.00	A
Wheat (Forage - Fodder)	0.20	2	110.00	A
Chemical Total	812.48	357		
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY(OXYETHYLENE), PHOSPHATE ESTER				
Alfalfa	1,338.54	114	5,953.00	A
Almond	4,572.20	695	49,449.07	A
Apple	255.56	16	349.00	A
Bean, Dried	44.75	2	148.00	A
Blueberry	0.15	3	25.00	A
Carrot	1,015.68	32	1,328.30	A
Cherry	160.37	8	353.16	A
Corn (Forage - Fodder)	286.42	68	4,015.00	A
Cotton	1,818.99	104	8,545.50	A
Fig	126.80	2	703.00	A
Garlic	329.80	13	622.00	A
Grape	15,918.85	431	20,342.14	A
Grape, Wine	662.80	63	2,334.49	A
Lemon	461.95	50	2,947.05	A
N-Outdr Plants In Containers	4.85	4	60.00	A
Nectarine	9.34	2	39.00	A
Onion, Dry	838.06	24	777.80	A
Orange	2,134.14	239	12,465.02	A
Pepper, Fruiting	69.59	1	47.50	A
Persimmon	4.13	5	50.00	A
Pistachio	837.40	166	10,117.82	A
Pomegranate	279.18	11	1,303.37	A
Potato	353.30	16	690.50	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Rights Of Way	158.09			
Safflower	217.22	6	247.20	A
Stone Fruit	0.15	1	1.00	A
Tangerine	6,419.28	153	14,884.63	A
Tomato, Processing	161.10	1	110.00	A
Uncultivated Ag	6.98	4	63.40	A
Watermelon	1,053.35	6	214.00	A
Chemical Total	39,539.02	2,240		
NONYL PHENOXY POLYOXYETHYLENE ETHANOL-IODINE COMPLEX				
Almond	399.91	51	2,165.60	A
Grape	2.45	1	38.00	A
Potato	23.62	11	571.80	A
Sorghum/Milo	32.66	2	264.00	A
Chemical Total	458.64	65		
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY (OXYETHYLENE) SULFATE, AMMONIUM SALT				
Alfalfa	4.08	16	994.63	A
Almond	3.06	18	731.40	A
Broccoli	0.46	3	60.00	A
Carrot	2.10	5	281.00	A
Cotton	20.19	108	6,357.30	A
Garlic	1.60	7	385.15	A
Grape	0.84	11	366.10	A
Oat	0.11	1	77.00	A
Onion, Dry	0.13	1	18.00	A
Rights Of Way	0.33			
Ryegrass	0.15	1	40.00	A
Wheat	0.93	5	252.70	A
Wheat (Forage - Fodder)	0.53	2	144.00	A
Chemical Total	34.50	178		
NORFLURAZON				
Alfalfa	201.22	1	256.00	A
Almond	165.02	6	275.54	A
Blueberry	223.99	5	101.16	A
Grape	8,625.60	65	1,089.82	A
Grape, Wine	219.69	8	177.62	A
Lemon	235.25	2	162.00	A
Orange	1,799.32	16	525.85	A
Tangelo	341.67	2	140.00	A
Tangerine	1,810.63	8	686.00	A
Chemical Total	13,622.40	113		
NOVALURON				
Bean, Dried	34.75	8	443.00	A
Cotton	9.87	4	135.00	A
Chemical Total	44.63	12		
NOVIFLUMURON				
Structural Pest Control	0.05			
Chemical Total	0.05			

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
N-OCTYL BICYCLOHEPTENE DICARBOXIMIDE				
Structural Pest Control	68.50			
Chemical Total	68.50			
OCTYL DECYL DIMETHYL AMMONIUM CHLORIDE				
Cherry	7.41	1	40.00	A
Chemical Total	7.41	1		
ALPHA-OCTYLPHENYL-OMEGA-HYDROXYPOLY(OXYETHYLENE)				
Alfalfa	8.17	12	1,172.80	A
Almond	470.71	8	1,106.20	A
Grape	114.33	8	395.70	A
Chemical Total	593.21	28		
OLEIC ACID				
Alfalfa	15.47	12	878.00	A
Almond	3.15	2	15.00	A
Apple	3.56	9	459.10	A
Cherry	17.64	9	149.46	A
Corn (Forage - Fodder)	0.53	2	115.00	A
Grape	265.17	405	11,539.80	A
Grape, Wine	8.70	14	463.00	A
Grapefruit	1.69	1	15.00	A
Lemon	0.73	1	15.00	A
N-Grnhs Plants In Containers	0.05		6.00	A
N-Outdr Plants In Containers	2.26	48	4,951.00	A
Orange	770.67	125	8,209.88	A
Pistachio	42.33	12	588.00	A
Potato	11.05	21	1,253.08	A
Tangelo	18.01	2	140.00	A
Tangerine	106.06	16	1,158.00	A
Tomato	0.83	5	215.20	A
Wheat	0.60	2	155.00	A
Wheat (Forage - Fodder)	1.27	2	150.00	A
Chemical Total	1,269.77	688		
OLEIC ACID, METHYL ESTER				
Alfalfa	792.95	36	2,502.04	A
Almond	70,088.59	728	71,462.36	A
Bean, Dried	164.90	23	1,089.00	A
Blueberry	17.14	4	52.00	A
Cherry	59.92	10	147.00	A
Corn (Forage - Fodder)	244.85	22	1,468.93	A
Cotton	419.17	23	1,773.00	A
Garlic	195.15	28	1,392.00	A
Grape	694.55	75	1,216.28	A
Grape, Wine	5,422.84	58	12,328.48	A
Lemon	45.99	1	35.00	A
Oat (Forage - Fodder)	2.91	1	40.00	A
Onion, Dry	395.68	61	2,487.40	A
Orange	798.33	12	539.00	A
Pistachio	6,603.88	116	9,162.77	A
Potato	14.01	2	100.00	A
Rights Of Way	111.22			

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
		< 0.01	1	0.01	A
Total Pounds On This Commodity	111.23				
Sorghum/Milo		378.65	41	3,325.61	A
Tangerine		344.23	5	460.19	A
Wheat		4.84	1	66.00	A
Wheat (Forage - Fodder)		272.02	3	276.00	A
Chemical Total		87,071.82	1,251		
ORCHEX 796 OIL					
Alfalfa		108.25	3	231.00	A
Almond		21.71	2	15.00	A
Cotton		3.50	1	58.00	A
Chemical Total		133.46	6		
ORGANOSILICONE, POLY OXYALKYLENE ETHER COPOLYMER					
Alfalfa		20.78	6	737.00	A
Corn (Forage - Fodder)		59.44	35	1,640.20	A
Grape		6.00	2	48.00	A
Chemical Total		86.22	43		
ORYZALIN					
Almond		49,444.39	231	12,464.79	A
Apricot		362.02	4	87.02	A
Blueberry		773.77	11	187.83	A
Cherry		3,014.22	37	809.02	A
Grape		33,158.41	316	15,942.20	A
Grape, Wine		23,709.59	98	6,592.48	A
Grapefruit		41.60	1	7.00	A
Kiwi		318.67	3	57.40	A
Landscape Maintenance		184.03			
Lemon		41.60	1	12.00	A
N-Outdr Plants In Containers		18.58	8	11.50	A
Nectarine		14.56	1	3.50	A
Olive		78.79	2	21.25	A
Orange		5,417.10	23	1,257.94	A
Pistachio		23,980.64	107	5,803.81	A
Plum		386.32	5	92.86	A
Pomegranate		565.50	8	157.20	A
Rights Of Way		165.79			
		0.11	2	0.02	A
Total Pounds On This Commodity	165.90				
Tangelo		752.08	4	231.30	A
Tangerine		9,423.06	33	4,185.98	A
Chemical Total		151,850.84	895		
OXAMYL					
Cotton		3,837.98	25	4,057.70	A
Garlic		259.85	4	130.50	A
Onion, Dry		51.77	1	26.00	A
Pepper, Fruiting		217.32	12	363.70	A
Tomato, Processing		385.32	2	387.00	A
Chemical Total		4,752.24	44		
OXYDEMETON-METHYL					

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Broccoli	0.49	1	1.00	A
Chemical Total	0.49	1		
OXYFLUORFEN				
Alfalfa	31.04	22	196.43	A
Almond	56,381.07	2,218	165,516.88	A
Apple	179.08	16	349.00	A
Apricot	69.38	8	221.61	A
Blueberry	12.54	3	25.00	A
Broccoli	38.71	7	152.50	A
Cabbage	19.30	1	38.00	A
Cherry	1,292.36	48	1,135.22	A
Cotton	3,773.35	74	8,385.55	A
Garlic	862.54	66	4,019.31	A
Grape	9,912.21	678	22,051.43	A
Grape, Wine	4,158.15	148	9,010.54	A
Kiwi	38.33	2	38.20	A
Landscape Maintenance	421.50			
Lemon	61.44	3	113.23	A
N-Outdr Plants In Containers	167.80	65	410.80	A
Nectarine	9.10	4	18.10	A
Olive	14.10	1	9.25	A
Onion, Dry	724.33	145	9,375.90	A
Orange	142.34	4	101.70	A
Pecan	67.17	7	58.13	A
Persimmon	15.05	2	30.00	A
Pistachio	19,590.93	483	26,681.41	A
Plum	245.47	23	874.30	A
Pomegranate	7,218.67	69	5,950.72	A
Rights Of Way	1,946.63			
Structural Pest Control	20.07			
Tangerine	3,949.36	45	4,172.48	A
Uncultivated Ag	530.16	18	1,773.00	A
Uncultivated Non-Ag	119.01	1	1,037.00	A
Walnut	52.34	3	89.81	A
Wheat	39.07	3	64.62	A
Chemical Total	112,102.57	4,167		
PACLOBUTRAZOL				
Landscape Maintenance	0.67			
Chemical Total	0.67			
PAECILOMYCES FUMOSOROSEUS APOPKA STRAIN 97				
Brussels Sprout	6.81	5	34.04	A
Cabbage	8.86	1	44.30	A
Cauliflower	6.13	1	30.67	A
Corn (Forage - Fodder)	2.00	1	10.00	A
Kohlrabi	0.66	1	3.29	A
Onion, Green	5.56	8	73.52	A
Potato	26.00	3	65.00	A
Chemical Total	56.02	20		
PAECILOMYCES LILACINUS STRAIN 251				
Grape	272.43	50	1,138.00	A
Grape, Wine	18.00	1	75.00	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total	290.43	51		
PARAQUAT DICHLORIDE				
Alfalfa	9,562.44	245	15,782.68	A
Almond	65,501.92	1,034	56,193.75	A
Apple	483.12	16	349.00	A
Apricot	1,095.92	28	887.44	A
Bean, Dried	71.98	3	104.00	A
Blueberry	51.30	3	74.16	A
Cherry	2,387.97	87	2,002.27	A
Cotton	10,284.29	313	19,204.59	A
Grape	36,688.58	1,121	44,568.26	A
Grape, Wine	18,373.06	243	14,131.97	A
Grapefruit	20.81	1	15.00	A
Kiwi	46.32	2	38.40	A
N-Outdr Plants In Containers	20.76	1	15.00	A
Nectarine	35.52	6	28.36	A
Olive	12.82	1	9.25	A
Orange	1,900.75	37	2,631.66	A
Peach	793.10	28	569.15	A
Pistachio	10,015.30	159	9,099.37	A
Plum	1,261.10	41	1,374.37	A
Potato	69.20	4	148.40	A
Rights Of Way	5.20			
Safflower	682.05	2	525.00	A
Tangerine	1,199.85	25	926.08	A
Tomato, Processing	843.04	4	609.00	A
Uncultivated Ag	165.27	5	201.00	A
Uncultivated Non-Ag	21.99	1	17.00	A
Walnut	30.04	2	57.50	A
Wheat	46.00	3	143.00	A
Chemical Total	161,669.70	3,415		
PENDIMETHALIN				
Alfalfa	59,552.79	398	27,351.60	A
Almond	58,341.40	425	21,533.74	A
Bean, Dried	850.49	18	1,043.78	A
Broccoli	119.32	6	120.00	A
Carrot	8,656.57	163	9,598.29	A
Cherry	1,231.05	19	396.40	A
Corn (Forage - Fodder)	113.64	3	120.00	A
Cotton	2,178.84	59	2,427.73	A
Garlic	2,439.42	51	3,017.77	A
Grape	41,382.60	465	16,436.22	A
Grape, Wine	3,257.33	84	1,416.54	A
Landscape Maintenance	887.82			
Lemon	104.17	3	113.23	A
N-Outdr Plants In Containers	196.02	8	102.50	A
Onion, Dry	1,581.07	46	2,829.19	A
Orange	3,742.38	85	3,921.55	A
Pecan	220.19	7	58.13	A
Pepper, Fruiting	673.94	18	782.70	A
Pepper, Spice	47.05	1	79.50	A
Pistachio	46,334.69	256	13,552.90	A
Plum	237.95	3	125.62	A
Pomegranate	17,046.96	56	4,608.44	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Potato		6,910.93	180	11,633.13	A
Rights Of Way		777.75			
Sorghum/Milo		140.38	2	166.00	A
Structural Pest Control		17.42			
Tangerine		3,519.26	26	1,208.87	A
Tomato, Processing		773.64	14	799.62	A
Uncultivated Ag		175.23	3	90.00	A
Walnut		231.29	3	89.81	A
Wheat		373.56	7	348.82	A
Chemical Total		262,115.13	2,409		
PENOXSULAM					
Almond		122.90	95	4,275.97	A
Pistachio		43.27	27	1,488.12	A
Walnut		1.00	1	32.31	A
Chemical Total		167.17	123		
PERMETHRIN					
Alfalfa		111.45	7	674.64	A
Almond		2,090.68	77	9,510.30	A
Cabbage		11.43	4	76.00	A
Corn (Forage - Fodder)		10.53	1	70.00	A
Corn, Human Consumption		1.57	1	9.00	A
Lettuce, Head		19.05	3	95.00	A
Melon		3.21	1	75.00	A
N-Grnhs Plants In Containers		0.88		6.00	A
N-Outdr Plants In Containers		23.01	9	116.85	A
Onion, Dry		97.39	9	436.80	A
Pistachio		3,036.47	111	11,227.66	A
Potato		522.62	30	2,626.00	A
Public Health		46.18			
Structural Pest Control		1,383.32			
Tomato, Processing		162.28	14	1,591.80	A
Walnut		6.76	3	34.00	A
Chemical Total		7,526.83	270		
PERMETHRIN, OTHER RELATED					
Structural Pest Control		< 0.01			
Chemical Total		< 0.01			
PEROXYACETIC ACID					
Ditch Bank		60.71		3.00	T
Structural Pest Control		9.70			
Water (Industrlial)		152.01		1,381.00	T
		9.70		88.00	K
Total Pounds On This Commodity	161.72				
Chemical Total		232.13			
PETROLEUM DISTILLATES					
Alfalfa		31.54	3	84.00	A
Almond		645.22	33	1,647.94	A
Cotton		58.49	5	457.00	A
Garlic		76.70	2	100.00	A
Grape		1,072.42	277	6,198.82	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Landscape Maintenance	49.33			
N-Outdr Plants In Containers	4.53	2	12.00	A
Orange	45.79	4	103.20	A
Persimmon	3.02	5	11.00	A
Pistachio	18.11	7	103.70	A
Rights Of Way	44.15			
Uncultivated Ag	38.68	3	117.50	A
Vertebrate Control	5.95	3	31.00	A
Wheat	11.88	2	155.00	A
Wheat (Forage - Fodder)	70.20	6	458.00	A
Chemical Total	2,176.00	352		
PETROLEUM DISTILLATES, ALIPHATIC				
Alfalfa	0.17	4	418.22	A
Almond	1.11	5	125.40	A
Cotton	0.81	14	2,225.00	A
Oat (Forage - Fodder)	< 0.01	1	32.00	A
Pistachio	0.04	8	206.68	A
Rights Of Way	0.26			
Tomato, Processing	0.13	2	340.00	A
Uncultivated Ag	0.14	3	226.89	A
Wheat	0.31	1	38.00	A
Chemical Total	2.99	38		
PETROLEUM DISTILLATES, REFINED				
Almond	17,937.73	5	720.75	A
Grape, Wine	1,836.64	4	174.00	A
Public Health	47,336.24			
Chemical Total	67,110.61	9		
PETROLEUM NAPHTHENIC OILS				
Alfalfa	2.03	4	418.22	A
Almond	12.95	5	125.40	A
Cotton	9.50	14	2,225.00	A
Oat (Forage - Fodder)	0.06	1	32.00	A
Pistachio	0.50	8	206.68	A
Rights Of Way	3.08			
Tomato, Processing	1.48	2	340.00	A
Uncultivated Ag	1.63	3	226.89	A
Wheat	3.66	1	38.00	A
Chemical Total	34.89	38		
PETROLEUM OIL, PARAFFIN BASED				
Alfalfa	8,277.89	152	10,685.16	A
Almond	37,322.59	249	16,453.95	A
Blueberry	37.46	6	62.00	A
Broccoli	150.78	7	113.00	A
Carrot	492.46	6	356.00	A
Cherry	2,353.97	46	1,074.12	A
Cotton	12,220.88	380	22,357.87	A
Garlic	390.48	9	460.15	A
Grape	51,705.75	400	13,061.52	A
Grape, Wine	270.54	37	919.75	A
Kiwi	8.84	1	19.20	A
N-Outdr Plants In Containers	6.81	2	9.00	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Oat		23.40	1	77.00	A
Onion, Dry		907.37	16	785.00	A
Orange		24,419.99	37	2,881.00	A
Peach		177.27	1	5.00	A
Pecan		17.94	9	59.00	A
Pistachio		2,279.27	88	3,451.27	A
Plum		177.27	1	5.00	A
Pomegranate		6,902.44	145	37,319.52	A
Rights Of Way		196.85			
		7.06	4	0.04	A
Total Pounds On This Commodity	203.91				
Ryegrass		30.39	1	40.00	A
Tangerine		648.21	7	296.00	A
Tomato, Processing		222.22	5	471.00	A
Uncultivated Ag		307.38	8	601.29	A
Walnut		39.03	1	32.31	A
Wheat		500.00	13	791.32	A
Wheat (Forage - Fodder)		109.39	2	144.00	A
Chemical Total		150,203.91	1,634		
PETROLEUM OIL, UNCLASSIFIED					
Almond		3,836,045.93	1,655	212,317.33	A
Apple		34,165.55	16	822.50	A
Apricot		5,830.28	9	356.62	A
Blueberry		47.71	1	80.00	A
Cherry		6,124.09	15	534.80	A
Grape		24,975.73	86	3,533.81	A
Grapefruit		15,751.87	29	705.00	A
Landscape Maintenance		3,246.74			
Lemon		42,276.36	68	3,279.24	A
N-Outdr Plants In Containers		2,429.95	20	376.50	A
Nectarine		20,502.32	9	625.36	A
Orange		752,370.08	889	33,526.54	A
Peach		41,697.66	48	3,326.40	A
Pistachio		271,227.31	37	6,604.30	A
Plum		16,118.54	21	742.69	A
Tangelo		2,724.76	8	426.80	A
Tangerine		61,977.77	176	9,755.52	A
Chemical Total		5,137,512.66	3,087		
PHENOTHRIN					
Public Health		31.13			
Structural Pest Control		2.15			
Chemical Total		33.28			
PHENYLETHYL PROPIONATE					
Structural Pest Control		1.79			
Chemical Total		1.79			
PHOSMET					
Almond		612.50	3	175.00	A
Apple		215.25	21	90.50	A
Grape		141.75	3	100.00	A
Grape, Wine		59.51	2	40.00	A
N-Outdr Plants In Containers		32.20	3	46.00	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Plum	1,701.59	17	587.61	A
Walnut	1,870.40	5	492.00	A
Chemical Total	4,633.19	54		
PHOSPHINE				
Almond	0.26		1,213.39	T
Commodity Fumigation	327.53			
Fumigation, Other	374.38			
Landscape Maintenance	0.48			
Pistachio	8.76		112,000.00	C
Structural Pest Control	0.60			
Chemical Total	712.00			
PHOSPHORIC ACID				
Alfalfa	340.36	175	11,767.77	A
Almond	4,161.80	499	36,121.88	A
Apricot	35.70	16	553.24	A
Bean, Dried	5.18	6	318.00	A
Canola (Rape)	0.27	1	23.00	A
Carrot	1.16	3	190.00	A
Cherry	142.58	34	1,031.63	A
Corn (Forage - Fodder)	304.33	129	7,639.10	A
Cotton	257.17	105	7,306.50	A
Garlic	2.71	1	42.00	A
Grape	1,017.03	1,438	62,137.82	A
Grape, Wine	148.94	59	2,295.48	A
Landscape Maintenance	12.85			
Lemon	2.48	6	290.00	A
Lettuce, Head	1.78	2	40.00	A
N-Outdr Plants In Containers	7.19	35	1,012.80	A
Nectarine	227.49	8	654.00	A
Oat (Forage - Fodder)	0.81	1	25.00	A
Olive	23.43	4	150.00	A
Onion, Dry	2.36	5	333.70	A
Orange	271.99	105	7,946.46	A
Peach	15.18	9	188.43	A
Pistachio	1,720.25	128	15,827.05	A
Plum	340.91	85	3,459.40	A
Pomegranate	224.07	24	4,053.07	A
Potato	1.16	8	512.00	A
Regulatory Pest Control	0.33			
Rights Of Way	244.03			
Sorghum/Milo	113.55	26	2,051.79	A
Stone Fruit	< 0.01	1	1.00	A
Structural Pest Control	0.01			
Sudangrass	17.82	7	551.20	A
Tangelo	1.34	3	120.00	A
Tangerine	115.18	31	1,140.32	A
Tomato	8.47	4	180.20	A
Tomato, Processing	8.39	3	189.30	A
Triticale	11.18	6	311.00	A
Uncultivated Ag	24.28	8	387.70	A
Uncultivated Non-Ag	1.29		20.00	A
Walnut	180.20	4	352.00	A
Wheat	8.13	4	250.26	A
Wheat (Forage - Fodder)	160.25	73	5,051.58	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total	10,163.64	3,056		
PHOSPHORIC ACID, MONOPOTASSIUM SALT				
Tomato, Processing	3,927.00	6	561.00	A
Chemical Total	3,927.00	6		
BETA-PINENE POLYMER				
Almond	98.80	5	433.10	A
Orange	27.86	1	60.00	A
Tangerine	18.57	1	40.00	A
Tomato, Processing	142.92	8	615.60	A
Chemical Total	288.14	15		
PINOXADEN				
Barley	27.89	7	450.00	A
Triticale	27.69	7	516.00	A
Wheat	181.91	51	3,393.30	A
Wheat (Forage - Fodder)	330.56	99	6,190.89	A
Chemical Total	568.05	164		
PIPERONYL BUTOXIDE				
Orange	10.15	3	20.00	A
Pistachio	3.81	2	80.00	A
Public Health	82.43			
Structural Pest Control	327.50			
Chemical Total	423.89	5		
PIPERONYL BUTOXIDE, OTHER RELATED				
Orange	2.54	3	20.00	A
Pistachio	0.95	2	80.00	A
Public Health	0.98			
Structural Pest Control	77.60			
Chemical Total	82.08	5		
POLYACRYLAMIDE, POLYETHYLENE GLYCOL MIXTURE				
Alfalfa	142.15	232	16,048.60	A
Almond	65.63	117	2,824.55	A
Apricot	6.48	16	553.24	A
Bean, Dried	4.26	5	295.84	A
Canola (Rape)	0.15	1	23.00	A
Corn (Forage - Fodder)	26.89	55	3,059.00	A
Cotton	175.82	187	21,667.97	A
Garlic	1.73	7	366.00	A
Grape	203.70	204	12,628.14	A
Oat	3.35	5	485.00	A
Onion, Dry	6.00	13	568.00	A
Orange	0.23	1	20.00	A
Parsley	1.67	2	142.90	A
Peach	12.80	37	757.58	A
Pistachio	6.51	8	245.97	A
Plum	47.52	66	2,475.04	A
Potato	0.35	2	80.00	A
Ryegrass	0.32	1	68.60	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Safflower	6.15	2	525.00	A
Sorghum/Milo	17.85	24	1,989.20	A
Sudangrass	2.61	7	551.20	A
Tangerine	2.00	6	148.88	A
Tomato	11.07	13	610.10	A
Tomato, Processing	6.05	5	616.30	A
Triticale	21.49	21	1,340.00	A
Uncultivated Ag	6.04	15	1,742.12	A
Uncultivated Non-Ag	0.95	1	37.00	A
Wheat	51.97	146	9,317.10	A
Wheat (Forage - Fodder)	96.26	248	17,235.20	A
Chemical Total	928.02	1,447		
POLYACRYLAMIDE POLYMER				
Alfalfa	44.84	111	7,687.38	A
Almond	121.79	186	14,831.99	A
Bean, Dried	2.36	5	245.70	A
Broccoli	0.21	2	30.00	A
Carrot	0.49	1	73.20	A
Cherry	1.80	3	123.36	A
Corn (Forage - Fodder)	22.67	46	3,258.22	A
Cotton	172.36	369	26,111.95	A
Garlic	1.83	4	271.40	A
Grape	13.07	25	434.34	A
Grape, Wine	6.23	7	242.50	A
Onion, Dry	4.37	9	499.00	A
Pepper, Fruiting	2.64	3	104.00	A
Pistachio	21.99	47	3,399.52	A
Pomegranate	1.38	1	71.00	A
Potato	0.58	2	75.00	A
Rights Of Way	138.62			
Sorghum/Milo	3.42	5	346.00	A
Tomato, Processing	5.14	6	574.10	A
Uncultivated Ag	5.38	13	2,037.20	A
Walnut	1.04	5	51.00	A
Wheat	25.37	59	3,160.33	A
Wheat (Forage - Fodder)	19.87	70	4,009.60	A
Chemical Total	617.44	979		
POLYACRYLIC POLYMER				
Alfalfa	9.60	27	1,937.10	A
Almond	17.90	53	1,533.98	A
Cherry	5.40	14	372.09	A
Corn (Forage - Fodder)	10.42	37	2,090.00	A
Cotton	8.97	15	994.00	A
Pistachio	0.13	1	15.60	A
Rights Of Way	15.97			
Wheat (Forage - Fodder)	1.17	6	425.20	A
Chemical Total	69.56	153		
POLYALKENE OXIDE MODIFIED HEPTAMETHYL TRISILOXANE				
Alfalfa	13.41	12	1,079.67	A
Almond	736.82	176	15,548.90	A
Apple	41.36	29	1,260.74	A
Broccoli	2.28	15	246.12	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Cherry	85.34	82	3,946.18	A
Corn (Forage - Fodder)	38.92	68	3,036.00	A
Cotton	71.36	74	4,922.50	A
Eggplant	0.13	3	16.78	A
Gai Lon	0.06	1	20.00	A
Grape	4.98	5	127.00	A
Grape, Wine	20.68	19	1,304.45	A
Grapefruit	2.70	11	215.10	A
Landscape Maintenance	7.12			
Oat (Forage - Fodder)	0.32	3	28.00	A
Orange	425.88	109	3,681.26	A
Pistachio	53.74	17	2,490.55	A
Potato	1.12	3	59.00	A
Rights Of Way	0.08			
Ryegrass	2.57	6	226.00	A
Sorghum (Forage - Fodder)	0.45	2	40.00	A
Tangelo	6.30	11	450.00	A
Walnut	1.37	2	58.00	A
Wheat	37.32	62	2,962.00	A
Chemical Total	1,554.30	710		
POLYALKYLENEOXIDE MODIFIED POLYDIMETHYL-SILOXANE				
Alfalfa	115.03	22	1,728.00	A
Almond	507.41	30	1,170.00	A
Corn (Forage - Fodder)	29.70	9	613.20	A
Grape	121.86	12	654.01	A
Sorghum/Milo	38.18	11	793.50	A
Wheat (Forage - Fodder)	1.45	2	78.00	A
Chemical Total	813.65	86		
POLYBUTENES				
Alfalfa	171.60	54	4,087.23	A
Almond	4,284.18	462	34,848.68	A
Apple	147.01	83	2,636.40	A
Asparagus	0.27	3	228.00	A
Bean, Dried	34.93	13	642.84	A
Bok Choy	0.76	2	50.00	A
Broccoli	17.04	25	503.98	A
Cabbage	1.57	1	66.00	A
Canola (Rape)	0.55	1	23.00	A
Cantaloupe	5.17	4	215.00	A
Carrot	780.39	152	10,186.90	A
Cherry	20.96	9	223.93	A
Corn (Forage - Fodder)	255.65	102	5,420.00	A
Corn, Grain	3.34	1	70.00	A
Cotton	767.83	201	13,303.68	A
Gai Lon	0.46	1	30.00	A
Garlic	52.10	18	1,022.05	A
Grape	518.52	108	2,462.62	A
Grape, Wine	92.58	61	2,917.40	A
Grapefruit	6.51	3	30.00	A
Lemon	8.59	3	83.00	A
Lettuce, Head	1.33	1	35.00	A
Lettuce, Leaf	15.11	5	267.00	A
Melon	2.88	3	120.00	A
N-Outdr Plants In Containers	26.87	27	808.20	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Nectarine	44.51	6	485.25	A
Oat	12.18	6	499.00	A
Oat (Forage - Fodder)	0.68	1	25.00	A
Onion, Dry	36.10	8	380.00	A
Orange	383.97	86	2,011.41	A
Parsley	8.62	6	290.30	A
Peach	1.57	1	40.00	A
Pepper, Fruiting	30.17	47	1,707.74	A
Persimmon	1.52	1	20.00	A
Pistachio	1,517.12	173	19,523.42	A
Pomegranate	67.11	7	1,331.73	A
Potato	85.32	26	1,873.20	A
Radish	0.38	1	4.00	A
Squash	1.11	2	58.20	A
Stone Fruit	0.21	2	6.00	A
Tangelo	2.28	1	10.00	A
Tangerine	61.25	11	859.63	A
Tomato, Processing	69.14	36	2,381.71	A
Uncultivated Ag	10.80	4	284.20	A
Walnut	5.70	1	30.00	A
Watermelon	47.69	44	1,935.43	A
Wheat	315.76	103	6,544.00	A
Wheat (Forage - Fodder)	149.48	66	3,889.50	A
Chemical Total	10,068.86	1,982		
POLYETHER MODIFIED POLYSILOXANE				
Almond	308.75	28	4,555.90	A
Carrot	0.19	1	40.00	A
Cherry	19.04	3	265.00	A
Corn (Forage - Fodder)	2.17	1	43.00	A
Grape	279.06	12	3,510.00	A
Lemon	4.98	1	10.24	A
Lettuce, Head	3.93	3	75.00	A
Onion, Dry	2.57	3	50.00	A
Orange	298.25	10	784.70	A
Tangerine	4.48	1	9.00	A
Tomato, Processing	8.53	11	666.00	A
Walnut	3.82	2	10.00	A
Watermelon	5.77	2	113.00	A
Chemical Total	941.55	78		
POLYETHYLENE GLYCOL				
Alfalfa	63.08	21	1,590.00	A
Almond	3.08	4	74.50	A
Cherry	516.66	50	1,629.15	A
Grapefruit	112.77	13	304.17	A
Lemon	2.68	4	16.04	A
Orange	1,166.48	163	5,432.26	A
Pistachio	14.58	3	147.00	A
Rights Of Way	8.62			
Tangelo	20.34	3	114.90	A
Tangerine	294.53	20	1,053.47	A
Walnut	2.86	2	57.50	A
Wheat	2.49	1	75.00	A
Wheat (Forage - Fodder)	2.49	1	75.00	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total	2,210.65	285		
POLYETHYLENE GLYCOL DIACETATE				
Cherry	0.24	2	56.00	A
Cotton	0.28	1	68.00	A
Orange	0.57	1	29.00	A
Chemical Total	1.09	4		
POLYETHYLENE GLYCOL MONO(3-(TETRAMETHYL-1-(TRIMETHYLSILOXY) DISILOXANYL)PROPYL)ETHER				
Almond	33.42	5	372.40	A
Grapefruit	14.36	1	80.00	A
Orange	288.83	15	737.80	A
Potato	0.34	1	75.00	A
Tangelo	117.15	7	295.00	A
Tangerine	432.87	10	1,027.15	A
Chemical Total	886.97	39		
POLY-I-PARA-MENTHENE				
Alfalfa	27.43	2	121.40	A
Almond	1,603.08	85	5,953.72	A
Asparagus	177.95	6	457.00	A
Bean, Dried	73.34	3	315.00	A
Blueberry	110.58	3	234.00	A
Broccoli	7.16	1	15.00	A
Cabbage	27.56	6	93.00	A
Cantaloupe	18.33	1	75.00	A
Carrot	34.77	3	162.60	A
Cauliflower	5.25	3	18.00	A
Cotton	79.00	6	259.50	A
Garlic	20.94	1	45.00	A
Lettuce, Head	1,746.49	18	698.00	A
Lettuce, Leaf	70.73	11	309.00	A
Onion, Dry	948.82	60	3,448.40	A
Parsley	756.00	28	1,656.50	A
Pepper, Fruiting	68.15	11	358.99	A
Pistachio	516.80	17	850.40	A
Potato	749.98	62	3,431.70	A
Pumpkin	1.71	1	5.00	A
Squash	7.16	1	15.00	A
Tomato, Processing	2,335.75	54	3,652.69	A
Watermelon	37.12	2	110.00	A
Wheat	18.56	1	55.00	A
Chemical Total	9,442.66	386		
POLYMERIZED ACRYLIC ACID				
Cotton	6.36	1	58.00	A
Rights Of Way	24.34			
Chemical Total	30.70	1		
POLYMERIZED PINENE				
Almond	163.96	2	240.00	A
Grape	0.51	1	2.50	A
Grape, Wine	36.71	20	446.09	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
N-Outdr Plants In Containers	306.21	25	762.30	A
Orange	152.22	6	327.00	A
Rights Of Way	1,382.44			
Chemical Total	2,042.05	54		
POLYOXIN D, ZINC SALT				
Almond	1,297.29	216	29,779.86	A
Grape	243.47	46	1,701.51	A
Landscape Maintenance	16.98			
Pistachio	82.42	24	1,892.83	A
Chemical Total	1,640.16	286		
POLY(OXYETHYLENE) (DIMETHYLIMINO) ETHYLENE (DIMETHYLIMINO) ETHYLENE DICHLORIDE				
Landscape Maintenance	< 0.01			
Water (Industrlial)	158.69		3.00	U
Chemical Total	158.70			
POLYOXYETHYLENE DIOLEATE				
Alfalfa	0.43	6	737.00	A
Corn (Forage - Fodder)	1.24	35	1,640.20	A
Grape	0.12	2	48.00	A
Chemical Total	1.80	43		
POLYOXYETHYLENE MIXED FATTY ACID ESTER				
Almond	162.14	16	743.00	A
Pistachio	32.59	6	117.00	A
Chemical Total	194.73	22		
POLYOXYETHYLENE POLYOXYPROPYLENE				
Almond	771.89	28	4,555.90	A
Blueberry	18.25	3	116.68	A
Brussels Sprout	0.13	1	2.02	A
Cabbage	16.79	21	217.77	A
Cauliflower	36.73	19	466.04	A
Cherry	84.02	15	769.50	A
Collard	3.25	8	43.18	A
Corn (Forage - Fodder)	10.39	3	151.00	A
Daikon	0.16	2	2.36	A
Garlic	0.86	1	27.12	A
Grape	3,709.01	485	26,120.35	A
Kale	9.62	10	134.24	A
Lettuce, Head	9.83	3	75.00	A
Lettuce, Leaf	26.47	12	352.96	A
Mustard	3.32	12	47.77	A
N-Outdr Plants In Containers	1.71	4	26.00	A
Onion, Dry	36.87	11	436.77	A
Onion, Green	12.91	12	159.81	A
Orange	328.95	23	1,178.00	A
Potato	64.62	11	828.30	A
Radish	15.31	14	127.13	A
Spinach	1.56	3	18.76	A
Tangerine	37.10	6	210.00	A
Tomato	76.11	14	906.09	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Tomato, Processing	294.76	68	4,873.91	A
Watermelon	14.43	2	113.00	A
Chemical Total	5,585.06	791		
POLY(OXYETHYLENE) POLY(OXYPROPYLENE) GLYCOL MONOALLYL ETHER				
Pistachio	5.04	1	42.18	A
Chemical Total	5.04	1		
POLYOXYETHYLENE SORBITOL, MIXED ETHER ESTER				
Alfalfa	1,016.91	61	5,151.83	A
Almond	493.87	55	3,512.98	A
Blueberry	7.67	6	62.00	A
Broccoli	6.19	1	20.00	A
Cherry	9.39	8	101.00	A
Cotton	646.45	74	4,163.10	A
Garlic	0.31	1	2.00	A
Grape	181.90	32	1,078.88	A
Grape, Wine	50.43	21	903.75	A
Grapefruit	7.47	1	10.00	A
Onion, Dry	5.80	2	37.50	A
Orange	23.63	1	150.00	A
Pistachio	259.19	47	1,528.35	A
Pomegranate	123.76	26	370.91	A
Tangerine	18.00	6	256.00	A
Tomato, Processing	22.40	3	324.00	A
Uncultivated Ag	57.47	5	539.00	A
Walnut	7.99	1	32.31	A
Wheat	25.37	1	164.00	A
Chemical Total	2,964.21	352		
POLYOXYETHYLENE SORBITAN MIXED FATTY ACID ESTERS				
Alfalfa	130.58	16	994.63	A
Almond	97.88	18	731.40	A
Broccoli	14.70	3	60.00	A
Carrot	67.14	5	281.00	A
Cotton	646.14	108	6,357.30	A
Garlic	51.34	7	385.15	A
Grape	26.93	11	366.10	A
Oat	3.61	1	77.00	A
Onion, Dry	4.22	1	18.00	A
Rights Of Way	10.42			
Ryegrass	4.69	1	40.00	A
Wheat	29.60	5	252.70	A
Wheat (Forage - Fodder)	16.87	2	144.00	A
Chemical Total	1,104.11	178		
POLYOXYETHYLENE SORBITAN MONOOLEATE				
Alfalfa	6.58	11	546.00	A
Almond	2.38	2	72.27	A
Broccoli	0.62	3	33.00	A
Cherry	54.69	23	793.12	A
Cotton	43.48	44	2,452.57	A
Grape	183.35	272	7,986.47	A
Grape, Wine	0.60	16	16.00	A
N-Outdr Plants In Containers	0.17	2	9.00	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Orange	16.37	5	438.00	A
Pecan	0.44	9	59.00	A
Rights Of Way	2.99			
Uncultivated Ag	0.57	2	54.29	A
Wheat	3.84	5	329.00	A
Chemical Total	316.06	394		
POLYOXYETHYLENE SORBITAN TRIOLEATE				
Alfalfa	43.24	11	546.00	A
Almond	15.66	2	72.27	A
Broccoli	4.08	3	33.00	A
Cherry	359.99	23	793.12	A
Cotton	286.22	44	2,452.57	A
Grape	1,207.05	272	7,986.47	A
Grape, Wine	3.94	16	16.00	A
N-Outdr Plants In Containers	1.10	2	9.00	A
Orange	107.76	5	438.00	A
Pecan	2.90	9	59.00	A
Rights Of Way	19.68			
Uncultivated Ag	3.74	2	54.29	A
Wheat	25.24	5	329.00	A
Chemical Total	2,080.59	394		
POLYOXYETHYLENE SOYBEAN OIL FATTY ACID ESTER				
Almond	1,135.99	8	500.73	A
Chemical Total	1,135.99	8		
POLYSACCHARIDE POLYMER				
Alfalfa	3.37	82	5,851.78	A
Almond	9.65	46	4,890.50	A
Bean, Dried	0.26	5	245.70	A
Broccoli	0.02	2	30.00	A
Carrot	0.05	1	73.20	A
Cherry	0.20	3	123.36	A
Corn (Forage - Fodder)	1.79	33	2,446.22	A
Cotton	3.78	94	8,644.75	A
Garlic	0.20	4	271.40	A
Grape	0.53	14	194.34	A
Grape, Wine	0.63	6	167.50	A
Onion, Dry	0.39	8	356.00	A
Pepper, Fruiting	0.29	3	104.00	A
Pistachio	1.01	4	425.80	A
Potato	0.06	2	75.00	A
Sorghum/Milo	0.38	5	346.00	A
Tomato, Processing	0.52	5	496.10	A
Uncultivated Ag	0.60	13	2,037.20	A
Walnut	0.12	5	51.00	A
Wheat	2.30	44	2,313.35	A
Wheat (Forage - Fodder)	2.02	65	3,618.60	A
Chemical Total	28.18	444		
POLYSILOXANE				
Alfalfa	0.76	1	65.00	A
Almond	0.01	1	32.73	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total	0.78	2		
POTASH SOAP				
Grape	0.19	6	206.00	A
Landscape Maintenance	0.52			
Lettuce, Leaf	89.73	2	52.00	A
N-Outdr Plants In Containers	44.35	26	10.65	A
Tomato	193.92	3	8.23	A
Chemical Total	328.71	37		
POTASSIUM BICARBONATE				
Beet	1,249.38	30	507.88	A
Cherry	4,007.75	32	1,849.00	A
Dandelion Green	1.28	1	0.52	A
Grape	9,738.78	63	3,157.02	A
Grape, Wine	5,545.52	17	2,137.00	A
Leek	69.79	3	28.37	A
Swiss Chard	604.94	22	245.89	A
Watermelon	59.45	1	29.00	A
Chemical Total	21,276.89	169		
POTASSIUM HYDROXIDE				
Almond	0.41	1	32.73	A
Chemical Total	0.41	1		
POTASSIUM N-METHYLDITHIOCARBAMATE				
Cantaloupe	16,499.56	3	160.00	A
Carrot	1,343,220.64	65	4,045.01	A
Grape	17,179.28	6	375.00	A
Melon	16,955.61	2	100.00	A
Onion, Dry	23,141.48	4	124.00	A
Pepper, Fruiting	113,877.35	18	652.80	A
Pepper, Spice	11,620.44	1	79.50	A
Potato	120,987.28	12	706.80	A
Tomato, Processing	37,524.31	9	464.16	A
Watermelon	38,407.37	14	626.40	A
Chemical Total	1,739,413.30	134		
POTASSIUM PHOSPHITE				
Almond	107.92	4	442.50	A
Cherry	15.23	1	36.50	A
Citrus	2,574.63		128,633.00	T
Garlic	66.85	6	306.00	A
Grape	7,420.55	347	20,706.57	A
Grape, Wine	672.05	43	2,542.00	A
N-Outdr Plants In Containers	47.99	4	92.00	A
Onion, Dry	31.25	1	74.90	A
Orange	458.25	7	344.20	A
Tomato, Processing	268.84	42	2,236.72	A
Chemical Total	11,663.56	455		
POTASSIUM SALT OF HOP BETA ACIDS				
Beehive	1.86		1,005.00	U

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total	1.86			
POTASSIUM SILICATE				
Leek	39.74	2	67.78	A
Chemical Total	39.74	2		
PRALLETHRIN				
Public Health	0.48			
Structural Pest Control	< 0.01			
Chemical Total	0.48			
PRODIAMINE				
Landscape Maintenance	170.90			
N-Outdr Plants In Containers	243.37	21	196.50	A
Rights Of Way	7.31			
Chemical Total	421.58	21		
PROMETRYN				
Cotton	1,585.84	21	1,417.00	A
Landscape Maintenance	500.40			
Parsley	432.26	5	224.60	A
Chemical Total	2,518.49	26		
PROPAMOCARB HYDROCHLORIDE				
Landscape Maintenance	46.49			
Pepper, Fruiting	66.12	4	110.51	A
Chemical Total	112.62	4		
PROPARGITE				
Almond	3,717.81	4	1,170.00	A
Corn (Forage - Fodder)	556.58	2	226.00	A
Cotton	605.97	6	366.00	A
Grape	141.28	2	57.00	A
N-Outdr Plants In Containers	842.08	13	526.30	A
Sorghum/Milo	437.09	2	264.00	A
Walnut	645.81	2	280.00	A
Chemical Total	6,946.62	31		
PROPICONAZOLE				
Alfalfa	0.93	1	44.00	A
Almond	7,237.37	233	32,574.90	A
Apricot	33.88	9	303.62	A
Barley	55.03	8	493.00	A
Carrot	158.94	26	1,495.90	A
Cherry	277.29	51	2,509.50	A
Garlic	279.51	41	2,026.14	A
Landscape Maintenance	39.98			
N-Outdr Plants In Containers	19.60	14	286.50	A
Nectarine	24.86	7	222.50	A
Orange	3.07	1	12.00	A
Peach	253.99	36	2,277.20	A
Plum	243.65	58	2,180.28	A
Wheat	353.73	66	4,321.50	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Wheat (Forage - Fodder)	24.08	6	215.78	A
Chemical Total	9,005.93	557		
PROPIONIC ACID				
Alfalfa	230.36	88	5,467.60	A
Almond	5,640.31	167	17,421.11	A
Apple	1,217.77	46	2,306.66	A
Cabbage	9.39	6	114.00	A
Cantaloupe	13.02	3	150.00	A
Carrot	2.90	1	65.00	A
Cherry	112.05	13	294.12	A
Corn (Forage - Fodder)	27.24	19	420.20	A
Cotton	547.27	109	11,418.25	A
Grape	1,528.49	133	6,363.06	A
Grape, Wine	143.60	17	470.00	A
Landscape Maintenance	12.09			
Lemon	384.11	17	1,036.60	A
Lettuce, Head	28.83	15	427.00	A
N-Outdr Plants In Containers	16.86	12	22.30	A
Nectarine	20.11	1	33.25	A
Onion, Dry	4.28	3	167.00	A
Orange	654.93	43	3,110.70	A
Peach	24.19	1	40.00	A
Pepper, Fruiting	47.44	4	427.60	A
Pistachio	8,355.97	123	16,490.44	A
Pomegranate	167.07	10	1,704.96	A
Rights Of Way	435.37			
Sorghum/Milo	4.75	3	62.90	A
Squash	24.39	6	198.60	A
Tangerine	614.44	16	999.99	A
Tomato, Processing	14.49	9	699.00	A
Triticale	9.13	1	121.70	A
Walnut	75.83	3	105.00	A
Watermelon	24.10	9	319.00	A
Wheat (Forage - Fodder)	14.75	3	195.00	A
Chemical Total	20,405.51	881		
PROPOXUR				
Structural Pest Control	7.87			
Chemical Total	7.87			
PROPYLENE GLYCOL				
Alfalfa	288.34	63	4,125.20	A
Almond	8,389.27	369	19,631.42	A
Apple	33.13	7	331.33	A
Barley	6.00	1	120.00	A
Bean, Dried	32.14	5	245.70	A
Blueberry	50.06	63	1,116.00	A
Cherry	31.54	12	288.00	A
Corn (Forage - Fodder)	19.30	5	231.00	A
Cotton	369.16	93	3,222.50	A
Garlic	10.44	7	402.00	A
Grape	1,166.37	390	23,627.77	A
Grape, Wine	1,379.51	149	15,949.28	A
Grapefruit	54.43	5	217.20	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Lemon	182.94	25	1,594.73	A
Lettuce, Head	1.08	1	20.00	A
N-Outdr Plants In Containers	18.35	21	353.50	A
Oat (Forage - Fodder)	26.85	3	208.00	A
Onion, Dry	3.65	5	240.00	A
Orange	1,472.75	205	12,650.69	A
Parsley	1.93	1	154.20	A
Pepper, Fruiting	2.72	3	280.00	A
Pistachio	2,111.34	190	15,639.30	A
Plum	3.59	5	145.62	A
Pomegranate	35.28	3	181.38	A
Potato	2.62	2	150.00	A
Sorghum/Milo	61.54	12	886.00	A
Stone Fruit	0.05	1	1.00	A
Tangelo	73.01	10	572.18	A
Tangerine	356.54	102	7,898.95	A
Tomato	15.13	12	410.68	A
Tomato, Processing	44.17	4	263.48	A
Watermelon	2.75	6	410.00	A
Wheat	186.64	32	1,829.30	A
Wheat (Forage - Fodder)	75.68	22	1,090.56	A
Chemical Total	16,508.29	1,834		
PROPYLENE GLYCOL, METHYL ETHER				
Alfalfa	5.91	10	722.00	A
Apple	8.89	9	459.10	A
Corn (Forage - Fodder)	1.34	2	115.00	A
Grape	12.58	15	362.00	A
Potato	0.36	1	75.00	A
Tomato	2.08	5	215.20	A
Wheat	1.50	2	155.00	A
Chemical Total	32.67	44		
PROPYZAMIDE				
Landscape Maintenance	16.31			
Lettuce, Head	136.17	5	217.00	A
Chemical Total	152.48	5		
PYMETROZINE				
N-Outdr Plants In Containers	2.05	5	59.00	A
Chemical Total	2.05	5		
PYRACLOSTROBIN				
Alfalfa	36.78	6	353.18	A
Almond	1,990.71	245	19,454.34	A
Apple	73.58	17	657.00	A
Apricot	24.90	8	241.59	A
Blueberry	18.87	6	124.20	A
Broccoli	12.00	3	60.00	A
Carrot	2,323.18	266	17,983.88	A
Cherry	323.82	69	2,959.00	A
Gai Lon	3.04	1	27.00	A
Grape	6,037.43	1,015	55,925.92	A
Grape, Wine	1,545.88	87	15,407.38	A
Landscape Maintenance	20.55			

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
N-Outdr Plants In Containers	33.49	12	282.00	A
Nectarine	8.00	3	70.25	A
Onion, Dry	114.77	26	1,248.40	A
Peach	4.64	1	40.00	A
Pistachio	828.20	85	7,456.69	A
Plum	18.85	9	196.30	A
Potato	300.65	33	2,009.20	A
Squash	1.72	2	17.16	A
Tomato, Processing	207.64	20	1,289.26	A
Watermelon	36.39	3	220.00	A
Wheat	359.36	70	4,773.18	A
Wheat (Forage - Fodder)	74.71	18	1,106.80	A
Chemical Total	14,399.15	2,005		
PYRAFLUFEN-ETHYL				
Almond	35.98	139	10,331.11	A
Apricot	1.12	9	279.18	A
Cherry	0.91	16	171.45	A
Corn, Grain	0.21	3	150.00	A
Cotton	98.92	512	30,761.69	A
Grape	31.39	246	11,748.66	A
Grape, Wine	5.70	46	1,436.44	A
Landscape Maintenance	0.21			
N-Outdr Plants In Containers	0.05	2	12.00	A
Oat (Forage - Fodder)	0.04	1	25.00	A
Olive	0.04	1	9.25	A
Peach	0.61	15	326.82	A
Pistachio	4.17	11	1,216.46	A
Plum	0.28	2	69.56	A
Pomegranate	45.35	99	16,873.96	A
Potato	5.75	16	971.00	A
Rights Of Way	2.51			
Tomato, Processing	0.30	1	239.00	A
Uncultivated Ag	0.29	4	54.00	A
Wheat	2.47	28	1,495.76	A
Wheat (Forage - Fodder)	4.80	35	3,011.20	A
Chemical Total	241.10	1,186		
PYRETHRINS				
Almond	1.08	2	86.90	A
Blueberry	6.46	2	160.00	A
Cabbage	2.38	5	57.80	A
Cauliflower	1.34	5	30.00	A
Chinese Cabbage (Nappa)	0.63	2	46.00	A
Daikon	0.13	2	2.36	A
Grape	111.23	57	2,241.00	A
Grapefruit	1.81	3	33.60	A
Lettuce, Leaf	6.13	13	242.01	A
Melon	1.11	5	27.59	A
Orange	42.09	14	1,060.00	A
Parsley	1.02	1	67.10	A
Peach	10.40	3	221.10	A
Pistachio	0.78	4	160.00	A
Pomegranate	35.87	23	996.00	A
Public Health	0.51			
Radish	1.73	2	31.68	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Spinach	6.15	7	205.85	A
Squash	0.64	2	43.30	A
Structural Pest Control	68.43			
Tomato, Processing	3.07	1	56.00	A
Watermelon	5.40	7	138.36	A
Chemical Total	308.37	160		
PYRIDABEN				
Grape	62.06	3	134.21	A
Grapefruit	39.60	1	80.00	A
N-Outdr Plants In Containers	52.84	8	112.67	A
Orange	2,087.48	52	4,352.72	A
Tangerine	3,742.14	28	3,227.48	A
Chemical Total	5,984.11	92		
PYRIMETHANIL				
Almond	3,423.34	135	17,776.39	A
Apple	26.50		18,000.00	T
Citrus	391.74		117,220.00	T
Grape	3,393.52	216	11,427.40	A
N-Outdr Plants In Containers	17.02	3	48.50	A
Onion, Dry	611.32	27	2,055.40	A
Pistachio	1,092.65	52	3,061.05	A
Potato	53.70	5	196.00	A
Chemical Total	9,009.78	438		
PYRIPROXYFEN				
Almond	1,157.21	511	70,749.44	A
Apple	6.17	16	822.50	A
Apricot	1.09	2	10.00	A
Cantaloupe	0.43	1	8.00	A
Cherry	23.17	23	740.00	A
Cotton	261.13	36	3,960.00	A
Grape	18.07	62	1,902.00	A
Grape, Wine	0.23	5	53.00	A
Grapefruit	29.93	9	280.10	A
Lemon	54.56	15	507.50	A
N-Outdr Plants In Containers	4.55	6	66.00	A
Orange	1,085.54	280	10,632.01	A
Plum	85.51	28	967.15	A
Structural Pest Control	1.02			
Tangerine	170.33	29	1,598.99	A
Tomato, Processing	3.08	4	307.20	A
Walnut	0.26	1	2.50	A
Chemical Total	2,902.28	1,028		
PYRITHIOBAC-SODIUM				
Cotton	3.83	3	174.00	A
Chemical Total	3.83	3		
QST 713 STRAIN OF DRIED BACILLUS SUBTILIS				
Almond	7.17	4	85.50	A
Blueberry	41.76	13	397.68	A
Cabbage	2.76	2	24.20	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Cantaloupe	5.35	5	62.00	A
Carrot	646.05	125	5,157.13	A
Garlic	27.15	6	238.44	A
Grape	3,161.24	266	14,508.98	A
Grape, Wine	523.96	30	2,058.00	A
Lettuce, Leaf	6.86	4	67.26	A
Melon	2.45	2	43.00	A
Onion, Dry	5.78	1	50.72	A
Pepper, Fruiting	0.57	1	10.00	A
Potato	713.67	63	4,357.04	A
Spinach	3.99	3	65.31	A
Squash	3.22	1	28.30	A
Sweet Potato	30.11	10	264.50	A
Tomato	2.81	1	49.28	A
Tomato, Processing	30.82	11	600.50	A
Watermelon	21.86	7	342.00	A
Yam	5.06	2	44.40	A
Chemical Total	5,242.64	557		
QUILLAJA				
Grape	89.91	30	1,225.30	A
Grape, Wine	48.92	2	54.00	A
Chemical Total	138.84	32		
QUINCLORAC				
Landscape Maintenance	0.83			
Chemical Total	0.83			
QUINCLORAC, DIMETHYLAMINE SALT				
Landscape Maintenance	1.78			
Chemical Total	1.78			
QUINOXYFEN				
Cherry	150.44	26	1,342.00	A
Grape	2,467.06	459	25,774.75	A
Grape, Wine	201.41	30	2,405.64	A
Pepper, Fruiting	34.80	9	363.00	A
Watermelon	115.32	27	1,204.60	A
Chemical Total	2,969.04	551		
REYNOUTRIA SACHALINENSIS				
Blueberry	25.68	2	118.50	A
Carrot	251.43	29	1,613.37	A
Celery	0.27	1	2.52	A
Collard	0.49	3	4.53	A
Kale	1.61	3	14.90	A
Leek	29.36	5	135.47	A
Lettuce, Leaf	13.10	5	74.75	A
Mustard	0.16	1	1.49	A
Onion, Dry	10.11	3	93.25	A
Pomegranate	1.63	1	15.00	A
Potato	123.16	13	716.80	A
Tomato, Processing	61.49	9	545.39	A
Watermelon	16.26	2	150.00	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total		534.75	77		
RIMSULFURON					
Almond		672.90	262	14,170.80	A
Apricot		8.64	8	221.61	A
Cherry		19.12	15	357.23	A
Grape		639.41	390	17,265.29	A
Grape, Wine		34.35	44	593.58	A
Grapefruit		13.13	8	270.00	A
Lemon		5.41	5	113.00	A
N-Outdr Plants In Containers		0.38	2	12.00	A
Nectarine		1.13	4	18.10	A
Orange		242.54	156	4,549.65	A
Peach		3.57	6	114.36	A
Pistachio		124.05	72	2,653.49	A
Plum		34.51	26	999.92	A
Potato		34.38	32	1,606.70	A
Tangelo		1.94	3	31.00	A
Tangerine		151.12	28	2,725.81	A
Tomato, Processing		37.73	47	2,084.38	A
Walnut		1.80	2	57.50	A
Chemical Total		2,026.08	1,110		
SABADILLA ALKALOIDS					
Grapefruit		0.80	1	40.00	A
N-Outdr Plants In Containers		< 0.01	1	0.35	A
Orange		2.78	6	151.00	A
Tangerine		43.89	31	2,125.79	A
Chemical Total		47.48	39		
SAFLUFENACIL					
Almond		6,241.57	1,669	144,041.05	A
Grapefruit		0.57	4	40.00	A
Landscape Maintenance		36.75			
Lemon		2.91	4	108.00	A
N-Outdr Plants In Containers		1.97	3	34.50	A
Orange		111.32	134	3,558.06	A
Pistachio		1,315.17	463	33,652.77	A
Rights Of Way		1.32			
		0.46	1	0.01	A
Total Pounds On This Commodity	1.77				
Tangelo		0.10	1	10.00	A
Tangerine		61.14	16	1,007.53	A
Walnut		1.41	1	32.31	A
Chemical Total		7,774.69	2,296		
SETHOXYDIM					
Alfalfa		262.79	12	809.26	A
Almond		4,408.51	171	19,598.82	A
Bean, Dried		16.21	1	37.00	A
Broccoli		10.51	2	40.00	A
Carrot		4.72	1	18.00	A
Cherry		37.97	4	86.67	A
Cotton		98.14	5	224.00	A
Garlic		1.40	1	13.00	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Grape	2,155.06	89	2,663.88	A
Grape, Wine	98.03	26	622.50	A
Landscape Maintenance	0.04			
Onion, Dry	5.73	3	22.00	A
Pistachio	1,072.22	63	4,480.21	A
Pomegranate	2.64	1	10.00	A
Potato	17.52	1	50.00	A
Rights Of Way	0.87			
Chemical Total	8,192.36	380		
SIDURON				
Landscape Maintenance	14.00			
Chemical Total	14.00			
SILICA AEROGEL				
Structural Pest Control	70.91			
Chemical Total	70.91			
SILICONE				
Alfalfa	1.05	4	459.64	A
Cotton	3.72	60	2,106.08	A
Tomato, Processing	5.76	16	1,566.00	A
Chemical Total	10.53	80		
SILICONE DEFOAMER				
Almond	13.08	129	10,182.54	A
Grape	30.92	941	39,998.17	A
Grape, Wine	0.21	8	384.34	A
Landscape Maintenance	0.95			
Lemon	0.18	2	200.00	A
N-Outdr Plants In Containers	0.95	32	997.80	A
Onion, Dry	0.06	4	303.70	A
Orange	4.68	44	3,873.80	A
Pistachio	0.45	5	272.00	A
Potato	0.12	7	437.00	A
Regulatory Pest Control	0.04			
Structural Pest Control	< 0.01			
Tangelo	0.18	3	120.00	A
Tangerine	0.22	5	244.00	A
Chemical Total	52.04	1,180		
SIMAZINE				
Almond	5.35	1	7.92	A
Grape	1,687.18	65	1,597.66	A
Grape, Wine	11,572.04	69	5,330.03	A
Grapefruit	903.60	23	462.07	A
Lemon	3,615.67	25	1,358.78	A
Orange	41,771.25	377	17,767.34	A
Rights Of Way	394.20			
Tangelo	36.00	1	10.00	A
Walnut	201.60	1	56.00	A
Chemical Total	60,186.87	562		

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical / Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
SODIUM BROMIDE					
Water (Industrlial)		220.37		4.00	U
Chemical Total		220.37			
SODIUM CARBONATE PEROXYHYDRATE					
Rights Of Way		11,347.50			
Water (Industrlial)		1,700.00		33,360.00	T
Chemical Total		13,047.50			
SODIUM CHLORATE					
Bean, Dried		1,744.31	4	254.70	A
Cotton		59,658.00	205	12,063.60	A
Chemical Total		61,402.31	209		
SODIUM DECYL SULFATE					
Structural Pest Control		0.23			
Chemical Total		0.23			
SODIUM DICHLORO-S-TRIAZINETRIONE DIHYDRATE					
Water (Industrlial)		346.50		4.00	U
Chemical Total		346.50			
SODIUM DIISOOCTYLSULFOSUCCINATE					
Lemon		0.07	1	15.00	A
Orange		66.40	82	5,068.22	A
Pistachio		3.99	12	588.00	A
Tangelo		1.70	2	140.00	A
Tangerine		9.65	12	1,117.00	A
Chemical Total		81.80	109		
SODIUM DODECYLBENZENE SULFONATE					
Alfalfa		1.51	22	1,437.50	A
Plum		6.67	13	519.63	A
Chemical Total		8.19	35		
SODIUM HYDROXIDE					
Almond		0.95	1	45.82	A
Chemical Total		0.95	1		
SODIUM HYPOCHLORITE					
Citrus		1,398.82		75,991.28	U
Grapefruit		4.10		62.28	T
Lemon		275.32		2,074.42	T
		43.86		465.37	K
		22.72		18.00	A
Total Pounds On This Commodity	341.91				
Orange		5,369.34		252,728.77	T
		943.92		114,873.64	U
		0.64		0.51	A
Total Pounds On This Commodity	6,313.90				
Tangerine		2.18		113.90	T
Water (Industrlial)		362,510.82		414,813.00	T

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
		154.03		4.00	U
Total Pounds On This Commodity	362,664.85				
Chemical Total		370,725.76			
SODIUM LAUROAMPHO ACETATE					
Structural Pest Control		0.17			
Chemical Total		0.17			
SODIUM LAURYL SULFATE					
Structural Pest Control		0.12			
Chemical Total		0.12			
SODIUM NITRATE					
Landscape Maintenance		0.46			
Chemical Total		0.46			
SODIUM POLYACRYLATE					
Alfalfa		11.73	80	3,782.75	A
Almond		132.17	626	46,484.83	A
Carrot		0.13	1	46.00	A
Cherry		0.60	3	120.66	A
Corn (Forage - Fodder)		9.88	68	4,015.00	A
Cotton		9.11	56	3,793.20	A
Garlic		1.11	5	311.00	A
Grape		3.20	16	440.66	A
Lemon		0.23	11	47.40	A
Nectarine		0.32	2	39.00	A
Onion, Dry		0.41	2	86.00	A
Orange		19.34	130	3,613.18	A
Pistachio		20.31	132	9,349.50	A
Rights Of Way		2.00			
Uncultivated Ag		0.16	3	62.40	A
Chemical Total		210.70	1,135		
SODIUM TETRABORATE (PENTAHYDRATE)					
Structural Pest Control		1.13			
Chemical Total		1.13			
SODIUM TETRATHIOCARBONATE					
Grape		7,413.96	2	240.00	A
Grape, Wine		39,206.36	17	1,317.70	A
Chemical Total		46,620.32	19		
SODIUM XYLENE SULFONATE					
Almond		153.83	129	10,182.54	A
Grape		363.78	941	39,998.17	A
Grape, Wine		2.50	8	384.34	A
Landscape Maintenance		11.16			
Lemon		2.17	2	200.00	A
N-Outdr Plants In Containers		11.12	32	997.80	A
Onion, Dry		0.66	4	303.70	A
Orange		55.06	44	3,873.80	A
Pistachio		5.32	5	272.00	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Potato	1.44	7	437.00	A
Regulatory Pest Control	0.52			
Structural Pest Control	0.02			
Tangelo	2.10	3	120.00	A
Tangerine	2.56	5	244.00	A
Chemical Total	612.24	1,180		
SORBITAN FATTY ACID ESTERS				
Alfalfa	28.56	16	994.63	A
Almond	21.41	18	731.40	A
Broccoli	3.22	3	60.00	A
Carrot	14.69	5	281.00	A
Cotton	141.34	108	6,357.30	A
Garlic	11.23	7	385.15	A
Grape	5.89	11	366.10	A
Oat	0.79	1	77.00	A
Onion, Dry	0.92	1	18.00	A
Rights Of Way	2.28			
Ryegrass	1.03	1	40.00	A
Wheat	6.48	5	252.70	A
Wheat (Forage - Fodder)	3.69	2	144.00	A
Chemical Total	241.53	178		
SORBITOL				
Alfalfa	17.30	22	1,437.50	A
Plum	76.26	13	519.63	A
Chemical Total	93.55	35		
SPINETORAM				
Almond	130.58	18	1,269.20	A
Apple	97.95	19	895.28	A
Blueberry	44.33	20	502.50	A
Bok Choy	4.91	6	116.00	A
Canola (Rape)	9.50	8	201.00	A
Chinese Cabbage (Nappa)	5.30	6	139.00	A
Gai Lon	4.60	5	125.00	A
Grape	2,142.60	540	32,288.89	A
Grape, Wine	15.07	9	193.00	A
Grapefruit	42.78	25	533.90	A
Lemon	50.60	11	579.20	A
Lettuce, Leaf	4.77	1	76.00	A
N-Outdr Plants In Containers	22.88	9	311.50	A
Nectarine	45.80	13	524.00	A
Onion, Dry	26.52	8	435.90	A
Orange	1,406.17	475	16,655.51	A
Pepper, Fruiting	81.82	27	1,424.50	A
Pistachio	59.61	2	641.58	A
Plum	10.72	5	125.49	A
Pomegranate	25.91	6	361.59	A
Tangelo	52.49	14	616.70	A
Tangerine	788.81	153	9,917.51	A
Tomato, Processing	53.69	10	814.80	A
Walnut	7.58	5	101.50	A
Chemical Total	5,134.96	1,395		

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
SPINOSAD				
Almond	7.70	2	89.50	A
Arrugula	0.32	1	4.31	A
Beet	35.64	17	356.36	A
Blueberry	103.60	30	1,049.86	A
Bok Choy	18.35	13	281.00	A
Broccoli	10.15	6	159.82	A
Cabbage	17.19	13	264.55	A
Canola (Rape)	8.94	8	137.00	A
Carrot	7.43	4	74.31	A
Cauliflower	1.31	1	17.45	A
Cherry	164.08	53	1,687.78	A
Chinese Cabbage (Nappa)	51.09	7	953.00	A
Collard	3.51	7	35.11	A
Corn, Human Consumption	0.88	1	9.00	A
Dandelion Green	0.66	3	7.94	A
Gai Lon	6.28	6	96.00	A
Garlic	2.71	1	27.12	A
Grape	2,110.26	375	17,495.92	A
Grape, Wine	32.56	7	256.00	A
Grapefruit	3.40	2	32.00	A
Kale	11.72	6	117.23	A
Landscape Maintenance	1.00			
Leek	23.76	11	237.47	A
Lemon	55.97	12	393.26	A
Lettuce, Head	31.77	6	252.00	A
Lettuce, Leaf	166.06	54	1,632.40	A
Mustard	0.69	1	6.90	A
N-Outdr Plants In Containers	14.73	35	219.55	A
Nectarine	28.56	4	252.00	A
Onion, Dry	10.94	5	96.83	A
Onion, Green	23.24	16	232.37	A
Orange	671.24	90	4,621.86	A
Peach	0.34	2	2.80	A
Pepper, Fruiting	29.35	12	438.00	A
Pistachio	1.31	2	375.00	A
Plum	3.61	3	30.00	A
Pomegranate	4.30	3	43.00	A
Public Health	5.71			
Radish	22.92	32	219.70	A
Rutabaga	0.20	1	1.96	A
Spinach	63.18	26	424.47	A
Stone Fruit	1.68	12	26.00	A
Structural Pest Control	0.40			
Swiss Chard	20.99	10	209.90	A
Tangerine	72.89	8	588.80	A
Tomato	20.06	4	200.52	A
Tomato, Processing	169.12	30	1,796.59	A
Chemical Total	4,041.77	942		
SPIRODICLOFEN				
Almond	3,809.09	111	9,534.80	A
Cherry	16.48	3	60.00	A
Grape	810.59	25	1,778.11	A
Lemon	218.37	11	696.33	A
N-Grnhs Plants In Containers	0.35		24.00	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
		0.13			
Total Pounds On This Commodity	0.48				
Orange		448.72	18	1,506.38	A
Tangerine		1,666.57	54	5,439.34	A
Walnut		16.40	2	57.50	A
Chemical Total		6,986.69	224		
SPIROMESIFEN					
Cantaloupe		24.47	3	186.00	A
Corn (Forage - Fodder)		1,466.28	151	8,813.50	A
Corn, Grain		10.85	1	70.00	A
Cotton		805.03	58	3,758.30	A
Lettuce, Leaf		20.04	3	197.00	A
Melon		3.29	1	25.00	A
N-Outdr Plants In Containers		1.25	9	4.34	A
Pepper, Fruiting		101.85	18	783.91	A
Squash		11.48	2	87.30	A
Stone Fruit		0.06	1	1.00	A
Watermelon		71.78	14	546.90	A
Chemical Total		2,516.37	261		
SPIROTETRAMAT					
Almond		3.08	6	180.70	A
Apple		19.86	25	1,208.27	A
Broccoli		3.86	23	410.98	A
Cabbage		0.50	3	53.00	A
Cherry		9.12	15	537.00	A
Grape		592.36	795	43,543.71	A
Grape, Wine		90.00	109	6,887.59	A
Grapefruit		2.84	8	153.60	A
Lemon		19.03	21	1,023.03	A
N-Outdr Plants In Containers		22.33	7	224.60	A
Orange		196.10	227	10,662.94	A
Pecan		9.03	9	531.32	A
Pepper, Fruiting		4.07	11	432.31	A
Potato		2.53	5	268.00	A
Tangelo		2.41	6	127.61	A
Tangerine		36.72	31	2,341.78	A
Chemical Total		1,013.83	1,301		
STARCH					
Almond		0.20	5	372.40	A
Grapefruit		0.09	1	80.00	A
Orange		0.07	4	130.00	A
Potato		< 0.01	1	75.00	A
Tangelo		0.04	1	70.00	A
Tangerine		0.10	6	583.00	A
Chemical Total		0.49	18		
STREPTOMYCES LYDICUS WYEC 108					
Almond		0.01	9	141.00	A
Carrot		0.41	52	1,974.64	A
Cherry		0.02	6	120.00	A
Chemical Total		0.44	67		

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
STREPTOMYCIN SULFATE				
Apple	141.60	42	2,139.10	A
Chemical Total	141.60	42		
STRYCHNINE				
Alfalfa	6.75		375.00	A
Almond	0.50	1	100.00	A
Grape	2.01	13	109.50	A
Grapefruit	0.32	7	280.00	A
Landscape Maintenance	0.67			
N-Outdr Plants In Containers	0.85		86.00	A
Orange	1.23	34	4,657.80	A
Rights Of Way	0.39			
Structural Pest Control	0.13			
Tangerine	0.39	9	1,160.00	A
Vertebrate Control	7.26			
Chemical Total	20.49	64		
STYRENE BUTADIENE COPOLYMER				
Almond	433.89	36	2,508.00	A
Cherry	11.38	8	136.00	A
Grape	451.44	166	13,812.72	A
Grape, Wine	18.96	45	686.55	A
Grapefruit	56.59	3	178.00	A
Lemon	160.07	25	1,594.73	A
Lettuce, Head	0.94	1	20.00	A
N-Outdr Plants In Containers	16.06	21	353.50	A
Orange	1,197.36	149	10,099.99	A
Plum	0.39	2	20.00	A
Potato	1.00	1	75.00	A
Stone Fruit	0.04	1	1.00	A
Tangelo	53.04	8	459.68	A
Tangerine	326.95	97	7,710.95	A
Wheat	6.28	6	298.10	A
Chemical Total	2,734.41	569		
SUGAR				
Pomegranate	1.22	1	39.38	A
Chemical Total	1.22	1		
SULFENTRAZONE				
Landscape Maintenance	1.20			
Chemical Total	1.20			
SULFLURAMID				
Structural Pest Control	0.01			
Chemical Total	0.01			
SULFOMETURON-METHYL				
Landscape Maintenance	31.32			
Rights Of Way	619.42			
Structural Pest Control	2.71			

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total		653.46			
SULFOSULFURON					
Landscape Maintenance		0.69			
Rights Of Way		1.05			
Chemical Total		1.75			
SULFUR					
Alfalfa		127.17	1	80.00	A
Almond		68,913.00	62	7,284.60	A
Bean, Succulent		296.16	1	37.02	A
Blueberry		143.92	1	14.00	A
Carrot		86,295.48	403	22,044.02	A
Cherry		4,861.60	46	1,947.00	A
Cotton		1,214.40	1	132.00	A
Garlic		20.66	1	13.00	A
Grape		2,155,468.15	8,426	444,968.97	A
Grape, Wine		1,466,522.71	1,500	207,431.25	A
Grapefruit		95.00	3	33.00	A
Landscape Maintenance		0.35			
Melon		74.77	1	7.63	A
N-Outdr Plants In Containers		1,244.00	14	281.00	A
Orange		8,654.20	60	3,274.70	A
Pepper, Fruiting		9,076.06	61	2,279.35	A
Pistachio		652,860.63	555	69,272.33	A
Pomegranate		160,517.44	112	21,585.91	A
Potato		71.53	1	45.00	A
Tangerine		1,237.68	12	271.94	A
Tomato, Processing		229,827.92	154	14,858.79	A
Watermelon		5,960.43	21	846.80	A
Wheat		1,060.25	16	667.00	A
Chemical Total		4,854,543.52	11,452		
SULFUR DIOXIDE					
Commodity Fumigation		34,440.14			
Fumigation, Other		5,673.70			
Grape		7,711.53		7,250,905.00	U
		5,367.29		123,832.90	T
		3,621.38		34,353,915.00	P
		3,607.00	2	868.00	A
		406.15		368,500.00	C
		112.86		114.00	K
		10.00		196,020.00	S
Total Pounds On This Commodity	20,836.20				
Landscape Maintenance		4,828.85			
Chemical Total		65,778.88	2		
SULFURIC ACID					
Alfalfa		5.17	11	662.00	A
Almond		20.37	89	2,161.34	A
Orange		6.51	3	109.00	A
Pistachio		9.19	12	430.59	A
Chemical Total		41.25	115		

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
SULFURYL FLUORIDE				
Structural Pest Control	16,685.67			
Chemical Total	16,685.67			
SYNTHETIC VEGETABLE GUMS				
Grape, Wine	0.84	1	23.10	A
Chemical Total	0.84	1		
TALL OIL				
Alfalfa	16.40	5	209.75	A
Almond	2,365.61	341	30,555.19	A
Blueberry	1.95	3	25.00	A
Carrot	0.92	1	73.20	A
Cherry	2.39	1	23.80	A
Corn (Forage - Fodder)	2.82	9	561.00	A
Corn, Human Consumption	0.20	1	9.00	A
Cotton	15.04	17	853.50	A
Grape	8.88	9	653.70	A
Landscape Maintenance	0.29			
N-Outdr Plants In Containers	33.25	96	620.30	A
Orange	5.94	40	223.00	A
Pistachio	106.25	17	2,071.72	A
Public Health	8.17			
Rights Of Way	0.44			
Uncultivated Ag	1.31	5	15.00	A
Walnut	5.53	5	74.00	A
Chemical Total	2,575.39	550		
TALL OIL FATTY ACIDS				
Alfalfa	745.58	178	12,376.75	A
Almond	1,267.88	258	20,317.63	A
Apple	61.28	7	331.33	A
Barley	11.10	1	120.00	A
Bean, Dried	7.38	2	109.20	A
Blueberry	92.97	67	1,353.00	A
Broccoli	0.28	6	118.00	A
Cabbage	< 0.01	1	2.00	A
Cantaloupe	0.63	4	261.00	A
Carrot	15.60	7	344.00	A
Cauliflower	0.02	1	6.00	A
Cherry	74.74	57	1,182.11	A
Corn (Forage - Fodder)	16.54	5	402.00	A
Cotton	672.72	209	13,804.17	A
Garlic	33.26	9	517.00	A
Grape	2,009.49	723	29,462.14	A
Grape, Wine	2,515.22	107	15,494.66	A
Grapefruit	16.19	27	451.40	A
Kiwi	3.02	2	38.20	A
Lemon	9.94	6	84.00	A
Melon	0.06	1	25.00	A
N-Outdr Plants In Containers	0.08	1	76.00	A
Nectarine	1.23	3	129.00	A
Oat (Forage - Fodder)	12.02	2	130.00	A
Onion, Dry	181.17	45	3,215.60	A
Orange	1,378.34	438	10,578.48	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Parsley		3.57	1	154.20	A
Pecan		4.90	9	87.00	A
Pepper, Fruiting		7.10	23	1,147.83	A
Pistachio		1,522.68	192	16,528.88	A
Plum		5.82	3	125.62	A
Pomegranate		30.75	1	204.00	A
Potato		10.73	46	3,018.00	A
Pumpkin		0.03	2	10.00	A
Rights Of Way		5.34			
		1.39	4	0.04	A
Total Pounds On This Commodity	6.72				
Sorghum/Milo		55.14	17	1,288.60	A
Tangelo		1.70	3	95.80	A
Tangerine		16.20	20	401.70	A
Tomato		27.98	12	410.68	A
Tomato, Processing		38.46	44	2,756.13	A
Uncultivated Ag		4.29	6	80.70	A
Watermelon		5.28	10	582.00	A
Wheat		21.31	14	798.82	A
Wheat (Forage - Fodder)		4.62	2	200.00	A
Chemical Total		10,894.01	2,576		
TEBUCONAZOLE					
Almond		1,858.91	158	23,144.82	A
Apricot		3.88	1	23.00	A
Cherry		331.19	43	1,654.94	A
Garlic		226.68	19	1,151.06	A
Grape		4,571.65	666	38,193.68	A
Grape, Wine		315.83	43	2,853.87	A
Landscape Maintenance		5.38			
N-Outdr Plants In Containers		15.99	8	152.50	A
Nectarine		7.76	1	46.00	A
Peach		2.56	1	41.00	A
Pistachio		524.37	77	6,462.40	A
Rights Of Way		6.28			
Chemical Total		7,870.48	1,017		
TEBUTHIURON					
Landscape Maintenance		360.80			
Rights Of Way		551.49			
Chemical Total		912.29			
TEMEPHOS					
Public Health		0.10			
Chemical Total		0.10			
TETRACHLORVINPHOS					
Landscape Maintenance		35.87			
Chemical Total		35.87			
TETRACONAZOLE					
Grape		0.21	4	4.16	A
Grape, Wine		20.92	10	512.14	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total	21.13	14		
E-11-TETRADECEN-1-YL ACETATE				
Pomegranate	23.83	6	1,819.20	A
Chemical Total	23.83	6		
Z-11-TETRADECEN-1-YL ACETATE				
Pomegranate	3.94	6	1,819.20	A
Chemical Total	3.94	6		
TETRAMETHRIN				
Structural Pest Control	0.06			
Chemical Total	0.06			
ALPHA-[PARA-(1,1,3,3-TETRAMETHYLBUTYL)PHENYL]-OMEGA-HYDROXYPOLY(OXYETHYLENE)				
Alfalfa	1.24	2	75.00	A
Almond	2,267.16	203	16,021.00	A
Apricot	1.91	2	10.00	A
Blueberry	508.65	27	1,234.20	A
Cherry	1,532.35	36	1,515.36	A
Cotton	179.16	10	507.00	A
Grape	5,789.00	1,353	52,584.89	A
Grape, Wine	162.36	27	887.91	A
Grapefruit	27.96	1	15.00	A
Kiwi	22.64	2	67.20	A
Landscape Maintenance	81.26			
Lemon	8.25	2	200.00	A
N-Grnhs Plants In Containers	0.79		6.00	A
N-Outdr Plants In Containers	226.86	135	7,005.25	A
Onion, Dry	2.53	4	303.70	A
Orange	1,458.36	96	7,502.33	A
Peach	0.30	2	2.80	A
Pistachio	1,333.13	47	4,991.50	A
Plum	8.43	5	50.00	A
Potato	185.37	27	1,615.08	A
Regulatory Pest Control	1.98			
Rights Of Way	0.67	1	0.01	A
Stone Fruit	1.49	4	14.00	A
Structural Pest Control	0.06			
Tangelo	11.80	4	142.57	A
Tangerine	186.23	19	900.20	A
Tomato, Processing	30.36	2	170.00	A
Watermelon	8.04	3	110.00	A
Wheat	31.07	7	354.10	A
Wheat (Forage - Fodder)	21.02	2	150.00	A
Chemical Total	14,090.44	2,023		
ALPHA-[PARA-(1,1,3,3,-TETRAMETHYLBUTYL)PHENYL]-OMEGA-HYDROXYPOLY(OXYETHYLENE) PHOSPHATE ESTER				
Grape	23.39	5	293.49	A
Orange	79.11	1	80.00	A
Chemical Total	102.50	6		

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
TETRAPOTASSIUM PYROPHOSPHATE					
Almond		76.92	129	10,182.54	A
Grape		181.89	941	39,998.17	A
Grape, Wine		1.25	8	384.34	A
Landscape Maintenance		5.58			
Lemon		1.08	2	200.00	A
N-Outdr Plants In Containers		5.56	32	997.80	A
Onion, Dry		0.33	4	303.70	A
Orange		27.53	44	3,873.80	A
Pistachio		2.66	5	272.00	A
Potato		0.72	7	437.00	A
Regulatory Pest Control		0.26			
Structural Pest Control		< 0.01			
Tangelo		1.05	3	120.00	A
Tangerine		1.28	5	244.00	A
Chemical Total		306.12	1,180		
THIABENDAZOLE					
Citrus		2,685.51		460,155.00	T
		613.25		181,974.95	U
Total Pounds On This Commodity	3,298.76				
Grapefruit		1.24		106.25	T
Lemon		20.39		1,374.47	T
Orange		2,147.65		409,190.20	T
		62.55		29,992.39	U
Total Pounds On This Commodity	2,210.20				
Tangerine		0.45		113.90	T
Chemical Total		5,531.04			
THIAMETHOXAM					
Broccoli		6.31	6	101.00	A
Cotton		136.22	6	325.60	A
Eggplant		0.92	3	16.78	A
Landscape Maintenance		1.06			
Lettuce, Leaf		7.59	4	125.00	A
Orange		119.39	34	1,469.58	A
Pepper, Fruiting		15.45	6	282.50	A
Potato		27.19	10	580.00	A
Structural Pest Control		4.67			
Tomato, Processing		6.34	2	116.00	A
Chemical Total		325.15	71		
THIAZOPYR					
Grape		44.58	1	24.00	A
Chemical Total		44.58	1		
THIDIAZURON					
Cotton		1,368.26	520	33,127.43	A
Chemical Total		1,368.26	520		
THIOPHANATE-METHYL					
Almond		6,387.56	76	8,728.30	A
Blueberry		21.00	1	20.00	A
Cherry		1,871.77	40	1,858.60	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Grape		3,121.11	78	3,280.99	A
Grape, Wine		37.40	16	296.11	A
Landscape Maintenance		34.84			
N-Grnhs Plants In Containers		134.25			
		130.00		18.00	A
Total Pounds On This Commodity	264.25				
N-Outdr Plants In Containers		4.88	2	43.25	A
Nectarine		487.20	3	464.00	A
Pistachio		6,571.70	39	4,771.87	A
Chemical Total		18,801.71	255		
THYME					
Structural Pest Control		2.13			
Chemical Total		2.13			
TRIADIMEFON					
Grape		2.78	1	19.00	A
Landscape Maintenance		8.31			
Chemical Total		11.09	1		
TRIBENURON-METHYL					
Barley		8.12	7	450.00	A
Triticale		8.19	17	995.00	A
Wheat		198.40	225	12,653.50	A
Wheat (Forage - Fodder)		209.44	222	14,336.48	A
Chemical Total		424.16	471		
S,S,S-TRIBUTYL PHOSPHOROTRITHIOATE					
Cotton		309.59	6	353.80	A
Chemical Total		309.59	6		
TRICHODERMA ICC 012 ASPERELLUM					
Carrot		12.44	18	211.99	A
Chemical Total		12.44	18		
TRICHODERMA ICC 080 GAMSII					
Carrot		12.44	18	211.99	A
Chemical Total		12.44	18		
TRICLOPYR, BUTOXYETHYL ESTER					
Landscape Maintenance		2.19			
Rights Of Way		66.30			
Chemical Total		68.49			
TRICLOPYR, TRIETHYLAMINE SALT					
Rights Of Way		1,934.29			
Chemical Total		1,934.29			
TRIETHANOLAMINE					
Alfalfa		0.34	5	209.75	A
Almond		196.45	132	10,261.46	A
Blueberry		0.04	3	25.00	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Cotton	0.25	11	461.70	A
Grape	463.84	942	40,016.37	A
Grape, Wine	3.19	8	384.34	A
Landscape Maintenance	14.23			
Lemon	2.76	2	200.00	A
N-Outdr Plants In Containers	14.18	32	997.80	A
Onion, Dry	0.85	4	303.70	A
Orange	70.20	44	3,873.80	A
Pistachio	6.78	5	272.00	A
Potato	1.83	7	437.00	A
Regulatory Pest Control	0.66			
Structural Pest Control	0.02			
Tangelo	2.68	3	120.00	A
Tangerine	3.26	5	244.00	A
Chemical Total	781.58	1,203		
TRIFLOXYSTROBIN				
Almond	465.01	30	4,549.34	A
Apricot	66.51	16	553.24	A
Cherry	9.03	3	96.00	A
Grape	4,036.78	1,013	53,525.91	A
Grape, Wine	98.27	26	1,502.07	A
Landscape Maintenance	0.81			
N-Outdr Plants In Containers	85.78	39	952.85	A
Nectarine	1.70	2	14.00	A
Peach	2.56	1	41.00	A
Pepper, Fruiting	30.56	7	326.00	A
Pistachio	54.32	11	629.65	A
Stone Fruit	0.27	2	8.00	A
Tomato, Processing	38.48	4	307.80	A
Chemical Total	4,890.07	1,154		
TRIFLOXYSULFURON-SODIUM				
Landscape Maintenance	0.36			
Chemical Total	0.36			
TRIFLUMIZOLE				
Cantaloupe	63.91	4	261.00	A
Grape	5,206.68	370	25,557.23	A
Grape, Wine	477.13	21	2,503.00	A
Melon	11.01	2	45.00	A
N-Outdr Plants In Containers	5.64	1	23.00	A
Pumpkin	0.92	1	5.00	A
Squash	21.38	2	87.30	A
Watermelon	145.93	13	604.80	A
Chemical Total	5,932.60	414		
TRIFLURALIN				
Alfalfa	9,144.48	85	6,238.14	A
Almond	57.60	1	36.00	A
Bean, Succulent	291.94	8	583.11	A
Cabbage	94.11	7	158.00	A
Carrot	1,156.38	16	1,515.90	A
Cotton	505.81	14	576.00	A
Grape	1,579.93	33	985.62	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Grape, Wine	2,039.62	28	1,324.07	A
Landscape Maintenance	5.37			
Lemon	134.51	14	268.00	A
N-Outdr Plants In Containers	789.14	9	391.80	A
Orange	657.44	10	1,190.00	A
Pomegranate	10.00	1	2.50	A
Potato	264.31	5	345.00	A
Safflower	264.88	6	241.66	A
Tomato, Processing	1,224.35	32	1,842.00	A
Uncultivated Ag	145.64	2	76.00	A
Watermelon	20.13	1	27.00	A
Wheat	54.67	1	55.00	A
Chemical Total	18,440.30	273		
ALPHA-2,6,8-TRIMETHYL-4-NONYLOXY-OMEGA-HYDROXYPOLY (OXYETHYLENE)				
Alfalfa	14.74	3	178.00	A
Almond	1,236.17	68	10,432.96	A
Garlic	35.90	28	1,392.00	A
Grape	87.03	78	949.78	A
Grape, Wine	8.45	4	207.75	A
Grapefruit	17.69	1	80.00	A
Onion, Dry	68.90	49	2,329.90	A
Orange	91.80	5	370.00	A
Potato	2.99	3	175.00	A
Tangelo	8.01	1	70.00	A
Tangerine	20.41	6	583.00	A
Chemical Total	1,592.10	246		
TRINEXAPAC-ETHYL				
Landscape Maintenance	10.25			
Chemical Total	10.25			
TRITICONAZOLE				
Landscape Maintenance	2.45			
Chemical Total	2.45			
ALPHA-UNDECYL-OMEGA-HYDROXYPOLY(OXYETHYLENE)				
Alfalfa	342.40	41	3,141.65	A
Almond	21,733.38	436	63,243.27	A
Apple	274.66	8	339.60	A
Barley	37.76	2	330.00	A
Carrot	0.38	1	40.00	A
Cherry	288.23	20	788.70	A
Corn (Forage - Fodder)	302.53	48	2,977.30	A
Cotton	664.43	84	9,323.80	A
Grape	1,025.51	173	16,721.72	A
Grape, Wine	2,126.78	97	6,683.75	A
Grapefruit	34.15	3	116.00	A
Lemon	301.86	33	1,938.73	A
Lettuce, Head	1.08	1	20.00	A
N-Outdr Plants In Containers	18.35	21	353.50	A
Oat (Forage - Fodder)	11.85	6	107.20	A
Orange	1,872.68	188	12,288.38	A
Pecan	4.90	9	87.00	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Pepper, Fruiting	1.10	2	19.38	A
Pistachio	23,687.92	304	52,850.50	A
Plum	0.45	2	20.00	A
Pomegranate	8,756.57	117	24,156.89	A
Rights Of Way	1,723.50			
Sorghum/Milo	13.00	3	126.30	A
Stone Fruit	0.05	1	1.00	A
Tangelo	38.49	7	389.68	A
Tangerine	457.09	100	7,575.04	A
Uncultivated Ag	6.42	2	63.40	A
Uncultivated Non-Ag	18.56	2	200.00	A
Watermelon	0.49	2	8.85	A
Wheat	166.61	51	2,086.88	A
Wheat (Forage - Fodder)	33.10	4	468.00	A
Chemical Total	63,944.29	1,768		
UREA				
Almond	2.06	1	32.00	A
Pistachio	134.51	3	792.00	A
Chemical Total	136.57	4		
UREA DIHYDROGEN SULFATE				
Almond	10.14	9	130.43	A
Cherry	20.05	1	40.00	A
Cotton	71,467.08	456	27,892.83	A
Grape, Wine	9.39	2	38.11	A
Pistachio	36.32	1	20.00	A
Tomato, Processing	18.77	2	170.00	A
Watermelon	4.97	3	110.00	A
Chemical Total	71,566.72	474		
VANILLIN				
Pomegranate	0.11	1	39.38	A
Chemical Total	0.11	1		
VEGETABLE OIL				
Almond	6,575.30	28	3,724.00	A
Cantaloupe	43.67	2	131.00	A
Corn (Forage - Fodder)	121.12	3	106.00	A
Cotton	96.11	7	200.00	A
Grape, Wine	4.45	6	15.00	A
Melon	6.69	1	20.00	A
Pepper, Fruiting	124.47	2	35.00	A
Pistachio	568.99	1	320.00	A
Chemical Total	7,540.79	50		
VINYL POLYMER				
Alfalfa	51.65	122	8,241.87	A
Almond	26.72	112	2,182.32	A
Bean, Dried	0.47	2	108.00	A
Corn (Forage - Fodder)	7.07	33	2,207.00	A
Cotton	135.10	483	29,690.21	A
Garlic	0.16	1	73.00	A
Grape	7.29	5	374.90	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Onion, Dry		2.81	5	303.80	A
Pistachio		5.96	15	612.00	A
Potato		0.31	1	70.40	A
Rights Of Way		0.23			
Sorghum/Milo		1.67	3	260.00	A
Tangerine		2.24	6	256.00	A
Tomato, Processing		2.09	5	261.20	A
Uncultivated Ag		0.26	1	20.00	A
Wheat		11.84	64	3,997.88	A
Wheat (Forage - Fodder)		2.06	12	924.00	A
Chemical Total		257.91	870		
XANTHAN GUM					
Alfalfa		0.02	18	1,116.50	A
Almond		0.05	4	145.00	A
Canola (Rape)		< 0.01	1	23.00	A
Corn (Forage - Fodder)		0.07	46	2,456.50	A
Cotton		< 0.01	1	34.00	A
Pistachio		0.18	7	1,138.00	A
Sorghum/Milo		0.03	12	875.50	A
Tomato		0.01	4	180.20	A
Tomato, Processing		< 0.01	2	155.30	A
Wheat (Forage - Fodder)		< 0.01	2	110.00	A
Chemical Total		0.37	97		
2,4-XYLENOL					
Grape		0.05	3	22.20	A
Chemical Total		0.05	3		
YUCCA SCHIDIGERA					
Grape		5,296.70	246	8,723.00	A
Chemical Total		5,296.70	246		
ZINC PHOSPHIDE					
Almond		8.00	1	50.00	A
Grape		48.59	2	404.90	A
Landscape Maintenance		0.64			
Structural Pest Control		0.01			
Vertebrate Control		0.72			
		0.06	1	1.00	A
Total Pounds On This Commodity	0.78				
Chemical Total		58.02	4		
ZINC SULFATE					
Alfalfa		32.86	56	3,687.79	A
Almond		338.12	56	2,870.16	A
Bean, Dried		1.29	4	170.00	A
Cherry		25.68	18	607.00	A
Corn (Forage - Fodder)		0.60	1	50.00	A
Cotton		4.10	6	340.90	A
Lettuce, Head		0.60	2	40.00	A
Nectarine		70.34	7	647.00	A
Orange		18.53	2	158.00	A
Pistachio		70.25	14	1,377.00	A

Department of Pesticide Regulation
2012 Annual Pesticide Use Report Indexed by Chemical
Kern County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Plum	53.38	13	519.63	A
Sorghum/Milo	13.09	2	133.29	A
Tangerine	22.15	6	417.40	A
Walnut	37.05	2	280.00	A
Chemical Total	688.04	189		
ZIRAM				
Almond	64,465.81	74	12,245.10	A
Apricot	1,261.39	8	276.62	A
Grape	13.13	1	12.00	A
N-Outdr Plants In Containers	194.56	1	32.00	A
Nectarine	244.72	2	40.25	A
Peach	2,941.96	11	628.50	A
Chemical Total	69,121.57	97		
ZOXAMIDE				
Potato	483.03	49	2,909.80	A
Tomato	1.00	1	8.00	A
Tomato, Processing	153.54	13	924.93	A
Chemical Total	637.56	63		
UNKNOWN				
Rights Of Way				
Chemical Total	< 0.01			
Kern County Total	27,548,925.47	156,515		