

Appendix A. Summarized Data from the California PUR Database

Table A1. Average Annual Pounds Applied and Application Rates From the CA PUR database by County, Based on Data Supplied by BEAD.¹

County	Percent of DCPA Applied in California Applied in County	Average Annual Pounds Applied	Average Application Rate (lbs a.i./A)	95 Percentile Application Rate (lbs a.i./A)	99 Percentile Application Rate (lbs a.i./A)	Maximum Application Rate (lbs a.i./A)
Monterey	39.91%	80,070	2.78	6.00	7.55	83.02
Imperial	23.40%	46,941	4.77	7.55	9.06	20.79
Ventura	7.48%	14,998	6.61	9.00	12.00	121.15
Riverside	5.69%	11,422	5.22	9.00	10.50	90.00
Santa Barbara	5.08%	10,197	3.59	6.16	9.00	12.00
Fresno	4.70%	9,424	5.65	9.38	10.50	10.50
San Benito	3.52%	7,067	4.19	9.00	9.06	75.35
San Luis Obispo	3.22%	6,464	3.08	5.88	6.43	15.00
San Bernardino	2.27%	4,563	5.36	9.00	9.00	30.00
Santa Clara	1.38%	2,769	4.37	9.00	11.93	20.34
Kern	0.94%	1,876	5.79	9.00	9.00	9.00
Stanislaus	0.56%	1,121	5.65	6.10	10.59	48.30
Los Angeles	0.43%	869	7.18	9.60	11.25	12.50
San Joaquin	0.34%	680	6.49	7.88	8.25	8.25
Tulare	0.27%	533	2.44	4.50	4.88	4.88
Santa Cruz	0.17%	350	3.06	7.50	12.50	18.92
Colusa	0.15%	295	6.17	6.75	6.75	6.75
Shasta	0.13%	255	8.59	10.50	10.50	10.50
Madera	0.10%	203	5.03	7.50	7.50	7.50
Yolo	0.07%	137	3.17	4.50	6.46	7.50
Merced	0.05%	100	3.19	4.15	4.15	4.15
Sacramento	0.03%	65	4.50	9.00	9.00	9.00
Orange	0.03%	53	6.97	17.31	17.31	17.31
Glenn	0.03%	53	10.50	10.50	10.50	10.50
Siskiyou	0.02%	41	6.00	6.00	6.00	6.00
Kings	0.01%	21	4.35	7.50	7.50	7.50
Sonoma	0.01%	15	7.50	7.50	7.50	7.50
San Mateo	0.00%	9	10.11	15.00	15.00	15.00
San Diego	0.00%	9	5.09	21.00	21.00	21.00
Contra Costa	0.00%	5	5.95	7.50	7.50	7.50
Placer	0.00%	1	7.72	8.13	8.13	8.13
Total		200,603.41				

1- Data reported with acres as the unit area treated were included.

Table A2. Total Pounds DCPA Applied by Commodity from the CA PUR Database.^{1,2}

Site Name	Total Pounds 1999	Total Pounds 2000	Total Pounds 2001	Total Pounds 2002	Total Pounds 2003	Total Pounds 2004	Total Pounds 2005	Total Pounds 2006
Broccoli	91,158.21	70,113.90	85,499.30	89,384.40	96,726.61	110,156.74	105,782.63	108,567.16
Onion, Dry	46,284.56	32,276.95	37,486.53	40,412.31	47,236.37	42,442.61	59,120.09	49,912.48
Cauliflower	16,285.19	10,259.51	13,521.14	14,561.81	17,728.32	15,215.96	13,557.27	17,840.62
Cabbage	4,143.78	3,396.75	7,037.64	8,027.33	7,455.64	7,727.20	5,897.65	10,169.72
Onion, Green	7,204.84	4,885.45	7,448.98	8,852.93	9,524.71	6,780.12	4,491.02	4,245.19
Rappini ³	5,886.60	3,983.58	4,985.60	7,492.88	6,790.35	6,771.19	6,028.68	8,381.39
Chinese Cabbage (Nappa)	3,134.83	1,585.91	4,461.85	8,011.12	8,250.40	3,832.64	4,360.66	5,009.05
Turf/Sod	861.30	18.00	1,053.33	6,016.05	9,457.86	6,420.72	4,168.62	3,200.33
Radish	3,357.71	1,132.05	3,996.75	4,215.30	7,193.81	3,770.77	3,399.40	2,035.38
Bok Choy ³	1,474.35	581.07	2,560.78	3,633.37	2,951.72	3,040.54	4,713.19	6,868.80
Outdoor Grown Flowers ⁴	2,112.23	1,704.00	1,481.03	2,166.01	4,495.88	5,058.15	4,335.33	3,552.34
Kale	3,191.36	1,521.99	1,615.57	2,149.84	1,472.58	874.96	931.75	1,512.60
Pepper, Fruiting	1,253.78	0.00	574.43	187.31	843.45	399.00	2,286.28	3,850.79
Gai Lon ³	814.69	162.00	854.63	2,311.50	2,325.39	813.52	247.15	1,000.47
Turnip	102.60	414.00	268.43	129.81	474.98	378.53	1,223.08	962.24
Leek ⁵	157.31	91.69	98.83	575.51	266.15	437.23	346.35	622.11
Garlic	0.00	0.00	18.00	126.00	135.00	905.85	249.05	1,159.63
Mustard	0.00	225.00	167.77	134.60	234.22	455.74	863.95	485.49
Collard	90.75	0.00	149.26	250.85	190.58	372.45	693.04	524.47
Chinese Greens	13.50	18.00	7.50	71.25	45.60	324.00	907.89	780.76
Vegetables, Leafy ⁶	180.00	0.00	0.00	0.00	0.00	0.00	0.00	1,811.25
Outdoor Grown Transplants	457.50	71.25	0.00	1,038.71	36.38	0.00	0.00	0.00
Canola (Rape)	0.00	0.00	52.50	0.00	136.65	36.00	389.25	810.15
Tomato and Tomato, Processing	24.00	54.00	29.01	7.50	98.37	783.67	0.00	425.34
Outdoor Grown Plants in Containers ⁷	82.50	0.00	6.00	0.00	252.00	330.00	90.00	397.13
Brussels Sprout	0.00	0.00	0.00	7.49	51.90	360.48	343.20	353.70
Gai Choy ³	0.00	42.00	99.75	0.00	120.00	0.00	0.00	716.05
Cantaloupe	0.00	324.00	0.00	617.70	0.00	0.00	0.00	0.00
Eggplant	261.60	0.00	0.00	0.00	0.00	0.00	0.00	432.00
Watermelon	0.00	0.00	56.25	400.68	43.58	90.00	90.93	0.00

Site Name	Total Pounds 1999	Total Pounds 2000	Total Pounds 2001	Total Pounds 2002	Total Pounds 2003	Total Pounds 2004	Total Pounds 2005	Total Pounds 2006
Bean, Succulent	15.00	7.50	27.00	9.00	0.00	198.00	241.50	181.12
Landscape Maintenance ⁸	239.50	25.45	82.28	9.14	27.52	43.97	153.95	67.41
Rights of Way ⁹	0.00	2.63	98.45	0.00	21.75	25.41	139.41	159.05
Melon	0.00	0.00	0.00	330.75	0.00	33.00	0.00	0.00
Shallot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	321.19
Kohlrabi	6.60	10.38	32.23	41.77	35.59	67.22	58.62	66.69
Squash, Summer	27.00	0.00	70.35	0.00	177.79	7.85	0.00	0.00
Strawberry	0.00	11.81	26.25	0.00	0.00	54.00	0.00	137.87
Greenhouse grown plants in containers ¹⁰	0.00	2.25	0.00	0.00	0.00	0.00	0.00	225.00
Lettuce, Leaf	15.53	7.99	63.68	25.50	15.19	10.50	0.00	57.95
Squash	9.00	0.00	31.80	63.00	66.90	0.00	0.00	0.00
Peas	108.00	0.00	0.00	0.00	2.89	0.00	8.04	0.00
Greenhouse grown flowers ¹⁰	19.50	1.50	6.00	67.65	0.66	0.00	0.00	1.51
Lettuce, Head	0.00	0.00	14.06	37.35	26.62	0.00	9.00	0.75
Bean, Unspecified	6.00	0.00	3.00	3.75	7.88	0.00	0.00	41.70
Cole Crop ³	32.51	0.00	0.00	1.68	0.64	14.25	0.00	0.00
Yam	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.00
Cucumber	0.00	0.00	0.00	0.00	0.00	27.14	0.00	0.00
Greenhouse grown transplants ¹⁰	0.94	1.27	0.00	0.00	0.05	0.00	0.00	0.00
Total	189,013	132,932	173,986	201,372	224,922	218,259	225,127	236,917

1-Based on data supplied by BEAD

2- Commodities with DCPA usage reported in the database that are not listed on labels include: beet, carrot, chicory, corn, daikon, dill, endive (Escarole), grape, wine grape, spice herb, mint, pecan, spice pepper, pimento, plum, research commodity, preplant soil fumigation, structural pest control, spinach, uncultivated agriculture, uncultivated non-agricultural, vegetable, and vertebrate control. Some reported application rates are higher than the maximum allowed rate.

3- This falls under the registered use for *Brassica* species.

4- This falls under the registered use for ornamentals.

5- This falls under the registered use for onion.

6- This falls under the registered use for *Brassica* species, head and leaf lettuce, and Hanover salad.

7- This falls under the registered use for many different crops that are planted as transplants, including nursery stock.

8- This falls under the registered use for ornamentals, ornamental lawns and turf, and residential lawns.

9- Rights of way that are planted with turf could fall under the registered uses for residential lawns and turf.

10- This falls under the registered use for nurseries.