

Appendix H

Actual Carbofuran Usage in California Counties

California Department of Pesticide Regulation 2002 Pesticide

Table H-1: California Coastal - Chinook

Crop	Cumulative Acres Treated with Carbofuran	Number of Applications:	Total Lbs/Crop:
California Coastal - Chinook			
<i>Habitat Residency</i>			
Glenn, CA	County Acres: 849,369		
Cotton	75	1	20
Total Acres Treated: 75			Total lbs: 20

Total pounds affecting the Habitat Residency of California Coastal - Chinook: 20

ESU Acres: 9647730

Percent ESU Treated: 0.0

Table H-2: Central Valley Spring Run - Chinook

Crop	Cumulative Acres Treated with Carbofuran	Number of Applications:	Total Lbs/Crop:
Central Valley Spring Run - Chinook			
<i>Habitat Residency</i>			
Alameda, CA	County Acres: 475,798		
Alfalfa	280	6	146
Total Acres Treated: 280			Total lbs: 146
Butte, CA	County Acres: 1,073,338		
Alfalfa	268	8	206
Total Acres Treated: 268			Total lbs: 206
Colusa, CA	County Acres: 739,987		
Cotton	404.3	8	88
Alfalfa	105	1	26
Total Acres Treated: 509			Total lbs: 114
Contra Costa, CA	County Acres: 484,761		
Alfalfa	1398	8	1308
Total Acres Treated: 1398			Total lbs: 1308
Glenn, CA	County Acres: 849,369		
Cotton	75	1	20
Total Acres Treated: 75			Total lbs: 20
Sacramento, CA	County Acres: 637,114		
Alfalfa	1993.4	47	1305
Total Acres Treated: 1993			Total lbs: 1305
San Mateo, CA	County Acres: 290,016		
Artichoke, globe	37	3	10
Total Acres Treated: 37			Total lbs: 10
Solano, CA	County Acres: 568,265		
Alfalfa	1270.7	25	671
Total Acres Treated: 1271			Total lbs: 671
Sutter, CA	County Acres: 389,635		
Cotton	110	2	32
Alfalfa	390	9	208
Total Acres Treated: 500			Total lbs: 240
Yolo, CA	County Acres: 654,567		
Alfalfa	5426.4	79	3151
Total Acres Treated: 5426			Total lbs: 3151

Table H-2: Central Valley Spring Run - Chinook

Crop	Cumulative Acres Treated with Carbofuran	Number of Applications:	Total Lbs/Crop:
Central Valley Spring Run - Chinook			
<i>Habitat Residency</i>			
Yuba, CA	County Acres: 411,843		
Alfalfa	150	1	96
Total Acres Treated: 150			Total lbs: 96
<i>Total pounds affecting the Habitat Residency of Central Valley Spring Run - Chinook:</i>			7,267
<i>ESU Acres: 14405422</i>		<i>Percent ESU Treated: 0.1</i>	

Table H-5: Sacramento River Winter Run - Chinook

Crop	Cumulative Acres Treated with Carbofuran	Number of Applications:	Total Lbs/Crop:
Sacramento River Winter Run - Chinook			
<i>Habitat Residency</i>			
Alameda, CA	County Acres: 475,798		
Alfalfa	280	6	146
Total Acres Treated: 280			Total lbs: 146
Butte, CA	County Acres: 1,073,338		
Alfalfa	268	8	206
Total Acres Treated: 268			Total lbs: 206
Colusa, CA	County Acres: 739,987		
Alfalfa	105	1	26
Cotton	404.3	8	88
Total Acres Treated: 509			Total lbs: 114
Contra Costa, CA	County Acres: 484,761		
Alfalfa	1398	8	1308
Total Acres Treated: 1398			Total lbs: 1308
Glenn, CA	County Acres: 849,369		
Cotton	75	1	20
Total Acres Treated: 75			Total lbs: 20
Sacramento, CA	County Acres: 637,114		
Alfalfa	1993.4	47	1305
Total Acres Treated: 1993			Total lbs: 1305
San Mateo, CA	County Acres: 290,016		
Artichoke, globe	37	3	10
Total Acres Treated: 37			Total lbs: 10
Solano, CA	County Acres: 568,265		
Alfalfa	1270.7	25	671
Total Acres Treated: 1271			Total lbs: 671
Sutter, CA	County Acres: 389,635		
Alfalfa	390	9	208
Cotton	110	2	32
Total Acres Treated: 500			Total lbs: 240
Yolo, CA	County Acres: 654,567		
Alfalfa	5426.4	79	3151
Total Acres Treated: 5426			Total lbs: 3151

Table H-5: Sacramento River Winter Run - Chinook

Crop	Cumulative Acres Treated with Carbofuran	Number of Applications:	Total Lbs/Crop:
Sacramento River Winter Run - Chinook			
<i>Habitat Residency</i>			
<i>Total pounds affecting the Habitat Residency of Sacramento River Winter Run - Chinook:</i>			<i>7,171</i>
<i>ESU Acres: 16263326</i>	<i>Percent ESU Treated: 0.1</i>		

Table H-12: Central California - Coho

Crop	Cumulative Acres Treated with Carbofuran	Number of Applications:	Total Lbs/Crop:
Central California - Coho			
<i>Habitat Residency</i>			
San Mateo, CA	County Acres: 290,016		
Artichoke, globe	37	3	10
Total Acres Treated: 37			Total lbs: 10
Santa Cruz, CA	County Acres: 286,455		
N-Outdoor plants in containers	13	1	2
Total Acres Treated: 13			Total lbs: 2
<i>Total pounds affecting the Habitat Residency of Central California - Coho:</i>			<i>12</i>

ESU Acres: 4682140

Percent ESU Treated: 0.0

Table H-14: Southern OR/Northern CA coast - Coho

Crop	Cumulative Acres Treated with Carbofuran	Number of Applications:	Total Lbs/Crop:
Southern OR/Northern CA coast - Coho			
<i>Habitat Residency</i>			
Del Norte, CA	County Acres: 649,108		
N-Outdr Transplants	881.17	67	1524
Total Acres Treated: 881			Total lbs: 1524
<i>Total pounds affecting the Habitat Residency of Southern OR/Northern CA coast</i>			<i>1,524</i>
<i>- Coho:</i>			
<i>ESU Acres: 19153948</i>	<i>Percent ESU Treated: 0.0</i>		

Table H-17: Central California Coast - Steelhead

Crop	Cumulative Acres Treated with Carbofuran	Number of Applications:	Total Lbs/Crop:
Central California Coast - Steelhead			
<i>Habitat Residency</i>			
Alameda, CA	County Acres: 475,798		
Alfalfa	280	6	146
Total Acres Treated: 280			Total lbs: 146
Contra Costa, CA	County Acres: 484,761		
Alfalfa	1398	8	1308
Total Acres Treated: 1398			Total lbs: 1308
San Mateo, CA	County Acres: 290,016		
Artichoke, globe	37	3	10
Total Acres Treated: 37			Total lbs: 10
Santa Clara, CA	County Acres: 830,686		
Artichoke, globe	27	2	21
Total Acres Treated: 27			Total lbs: 21
Santa Cruz, CA	County Acres: 286,455		
N-Outdoor plants in containers	13	1	2
Total Acres Treated: 13			Total lbs: 2
Solano, CA	County Acres: 568,265		
Alfalfa	1270.7	25	671
Total Acres Treated: 1271			Total lbs: 671
<i>Total pounds affecting the Habitat Residency of Central California Coast - Steelhead:</i>			2,158
ESU Acres: 7071798	Percent ESU Treated: 0.0		

Table H-18: Central Valley California - Steelhead

Crop	Cumulative Acres Treated with Carbofuran	Number of Applications:	Total Lbs/Crop:
Central Valley California - Steelhead			
<i>Habitat Residency</i>			
Alameda, CA	County Acres: 475,798		
Alfalfa	280	6	146
Total Acres Treated: 280			Total lbs: 146
Butte, CA	County Acres: 1,073,338		
Alfalfa	268	8	206
Total Acres Treated: 268			Total lbs: 206
Colusa, CA	County Acres: 739,987		
Cotton	404.3	8	88
Alfalfa	105	1	26
Total Acres Treated: 509			Total lbs: 114
Contra Costa, CA	County Acres: 484,761		
Alfalfa	1398	8	1308
Total Acres Treated: 1398			Total lbs: 1308
Glenn, CA	County Acres: 849,369		
Cotton	75	1	20
Total Acres Treated: 75			Total lbs: 20
Merced, CA	County Acres: 1,261,957		
Alfalfa	8180.8	114	2307
Total Acres Treated: 8181			Total lbs: 2307
Sacramento, CA	County Acres: 637,114		
Alfalfa	1993.4	47	1305
Total Acres Treated: 1993			Total lbs: 1305
San Joaquin, CA	County Acres: 912,800		
Grape	66	4	662
Corn (forage - fodder)	71	1	38
Potato	442	16	540
Alfalfa	21718.4	402	12989
Total Acres Treated: 22297			Total lbs: 14229
San Mateo, CA	County Acres: 290,016		
Artichoke, globe	37	3	10
Total Acres Treated: 37			Total lbs: 10
Solano, CA	County Acres: 568,265		
Alfalfa	1270.7	25	671
Total Acres Treated: 1271			Total lbs: 671

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Table H-18: Central Valley California - Steelhead

Crop	Cumulative Acres Treated with Carbofuran	Number of Applications:	Total Lbs/Crop:
Central Valley California - Steelhead			
<i>Habitat Residency</i>			
Stanislaus, CA	County Acres: 969,404		
Alfalfa	2869.8	49	1574
Total Acres Treated: 2870			Total lbs: 1574
Sutter, CA	County Acres: 389,635		
Cotton	110	2	32
Alfalfa	390	9	208
Total Acres Treated: 500			Total lbs: 240
Yolo, CA	County Acres: 654,567		
Alfalfa	5426.4	79	3151
Total Acres Treated: 5426			Total lbs: 3151
Yuba, CA	County Acres: 411,843		
Alfalfa	150	1	96
Total Acres Treated: 150			Total lbs: 96
<i>Total pounds affecting the Habitat Residency of Central Valley California - Steelhead:</i>			25,377
<i>ESU Acres: 19550978</i>		<i>Percent ESU Treated: 0.2</i>	

Table H-23: South-Central California Coast - Steelhead

Crop	Cumulative Acres Treated with Carbofuran	Number of Applications:	Total Lbs/Crop:
South-Central California Coast - Steelhead			
<i>Habitat Residency</i>			
Monterey, CA	County Acres: 2,119,466		
Artichoke, globe	1538.15	51	477
Grape, wine	5395.55	102	14173
Alfalfa	180	1	96
Total Acres Treated: 7114			Total lbs: 14746
San Benito, CA	County Acres: 890,052		
Artichoke, globe	59.6	5	19
Total Acres Treated: 60			Total lbs: 19
San Luis Obispo, CA	County Acres: 2,124,438		
Grape, wine	13	1	42
Alfalfa	1549	21	1026
Total Acres Treated: 1562			Total lbs: 1068
Santa Clara, CA	County Acres: 830,686		
Artichoke, globe	27	2	21
Total Acres Treated: 27			Total lbs: 21
Santa Cruz, CA	County Acres: 286,455		
N-Outdoor plants in containers	13	1	2
Total Acres Treated: 13			Total lbs: 2
<i>Total pounds affecting the Habitat Residency of South-Central California Coast - Steelhead:</i>			15,856
<i>ESU Acres: 6251097</i>		<i>Percent ESU Treated: 0.1</i>	

Table H-24: Southern California - Steelhead

Crop	Cumulative Acres Treated with Carbofuran	Number of Applications:	Total Lbs/Crop:
Southern California - Steelhead			
<i>Habitat Residency</i>			
San Luis Obispo, CA	County Acres: 2,124,438		
Alfalfa	1549	21	1026
Grape, wine	13	1	42
Total Acres Treated: 1562			Total lbs: 1068

Total pounds affecting the Habitat Residency of Southern California - Steelhead: 1,068

ESU Acres: 10367079

Percent ESU Treated: 0.0