



# California Grower Survey Results April 2014

Cooperating with the California Department of Food and Agriculture  
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## CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE PIERCE'S DISEASE/GLASSY-WINGED SHARPSHOOTER BOARD STATE and REGIONAL TOTALS

The **Pierce's Disease/Glassy-Winged Sharpshooter Survey**, conducted in March and April 2014, gauges winegrape growers' attitudes toward efforts undertaken on their behalf by CDFA and its Pierce's Disease/Glassy-Winged Sharpshooter Board. The survey results will help determine appropriate ways to provide current information about Pierce's disease and the glassy-winged sharpshooter to winegrape growers.

This report summarizes the survey results at the State and Regional levels by growers of grapes crushed for wine. Regions are based on the California Grape Pricing Districts. A map of the California Grape Pricing Districts and corresponding survey regions are shown in Figure 1 at the end of this report.

		Yes	No	Don't Know	No Response	TOTAL 1/
1. Have glassy-winged sharpshooters ever been found in any of your vineyards?	State	16 3.6%	430 96.0%	1 0.2%	1 0.2%	448 100%
	Region 1	4 2.4%	163 97.0%	1 0.6%	---	168 100%
	Region 2	---	80 98.8%	---	1 1.2%	81 100%
	Region 3	5 4.4%	108 95.6%	---	---	113 100%
	Region 4	7 8.1%	79 91.9%	---	---	86 100%
	State	56 12.5%	389 86.8%	---	3 0.7%	448 100%
	Region 1	43 25.6%	124 73.8%	---	1 0.6%	168 100%
	Region 2	3 3.7%	77 95.1%	---	1 1.2%	81 100%
	Region 3	4 3.5%	109 96.5%	---	---	113 100%
	Region 4	6 7.0%	79 91.9%	---	1 1.2%	86 100%

1/ Percentages may not add due to rounding.

		Significant Threat	Moderate Threat	Minimal Threat	Don't Know	No Response	No Grapes in 2013	TOTAL 1/
3. How big of a threat did you feel Pierce's disease and the glassy-winged sharpshooter were in <b>2013</b> ?	State	64	108	266	6	4	---	448
		14.3%	24.1%	59.4%	1.3%	0.9%	---	100%
	Region 1	26	52	89	1	---	---	168
		15.5%	31.0%	53.0%	0.6%	---	---	100%
	Region 2	8	19	51	1	2	---	81
		9.9%	23.5%	63.0%	1.2%	2.5%	---	100%
	Region 3	24	23	62	2	2	---	113
		21.2%	20.4%	54.9%	1.8%	1.8%	---	100%
	Region 4	6	14	64	2	---	---	86
		7.0%	16.3%	74.4%	2.3%	---	---	100%

4. How big of a threat do you feel Pierce's disease and the glassy-winged sharpshooter are <b>today</b> ?	State	72	120	245	9	2	---	448
		16.1%	26.8%	54.7%	2.0%	0.4%	---	100%
	Region 1	26	56	82	3	1	---	168
		15.5%	33.3%	48.8%	1.8%	0.6%	---	100%
	Region 2	14	21	44	2	---	---	81
		17.3%	25.9%	54.3%	2.5%	---	---	100%
	Region 3	24	27	60	1	1	---	113
		21.2%	23.9%	53.1%	0.9%	0.9%	---	100%
	Region 4	8	16	59	3	---	---	86
		9.3%	18.6%	68.6%	3.5%	---	---	100%

1/ Percentages may not add due to rounding.

		Very Effective	Somewhat Effective	Not At All Effective	Don't Know	No Response	TOTAL 1/
5. How effective do you think the program to halt the spread of Pierce's disease and the glassy-winged sharpshooter has been?	State	213	143	19	63	10	448
		47.5%	31.9%	4.2%	14.1%	2.2%	100%
	Region 1	86	50	5	25	2	168
		51.2%	29.8%	3.0%	14.9%	1.2%	100%
	Region 2	40	28	3	10	---	81
		49.4%	34.6%	3.7%	12.3%	---	100%
	Region 3	47	44	6	14	2	113
		41.6%	38.9%	5.3%	12.4%	1.8%	100%
	Region 4	40	21	5	14	6	86
		46.5%	24.4%	5.8%	16.3%	7.0%	100%

1/ Percentages may not add due to rounding.

		Very Effective	Somewhat Effective	Not At All Effective	Don't Know	No Response	TOTAL 1/
6. How responsive do you feel the PD/GWSS Board has been concerning designating other pests and diseases as threats to winegrapes, such as the European Grapevine Moth (EGVM)?	State	216 48.2%	143 31.9%	17 3.8%	62 13.8%	10 2.2%	448 100%
	Region 1	98 58.3%	50 29.8%	4 2.4%	15 8.9%	1 0.6%	168 100%
	Region 2	37 45.7%	25 30.9%	5 6.2%	14 17.3%	--- ---	81 100%
	Region 3	45 39.8%	40 35.4%	5 4.4%	21 18.6%	2 1.8%	113 100%
	Region 4	36 41.9%	28 32.6%	3 3.5%	12 14.0%	7 8.1%	86 100%

1/ Percentages may not add due to rounding.

		Yes	No	Don't Know	No Response	TOTAL 1/
7. Are you aware of any programs or research that have come about because of the statewide Pierce's disease winegrape assessment?	State	161 35.9%	261 58.3%	13 2.9%	13 2.9%	448 100%
	Region 1	65 38.7%	98 58.3%	3 1.8%	2 1.2%	168 100%
	Region 2	28 34.6%	47 58.0%	5 6.2%	1 1.2%	81 100%
	Region 3	35 31.0%	71 62.8%	4 3.5%	3 2.7%	113 100%
	Region 4	33 38.4%	45 52.3%	1 1.2%	7 8.1%	86 100%

1/ Percentages may not add due to rounding.

		Federal Funds	State Funds	Industry Funds	Other Funds	Don't Know	No Response
8. To the best of your knowledge, what are the funding sources for the Pierce's disease activities in California? 2/	State	69 15.4%	179 40.0%	268 59.8%	30 6.7%	76 17.0%	21 4.7%
	Region 1	24 14.3%	67 39.9%	112 66.7%	18 10.7%	21 12.5%	4 2.4%
	Region 2	13 16.0%	32 39.5%	46 56.8%	4 4.9%	14 17.3%	2 2.5%
	Region 3	13 11.5%	47 41.6%	63 55.8%	3 2.7%	23 20.4%	8 7.1%
	Region 4	19 22.1%	33 38.4%	47 54.7%	5 5.8%	18 20.9%	7 8.1%

2/ Totals not applicable because of multiple responses.

		<b>Yes</b>	<b>No</b>	<b>Don't Know</b>	<b>No Response</b>	<b>TOTAL 1/</b>
9. Do you think that the statewide Pierce's disease winegrape assessment has contributed to the success of the program?	State	327	31	74	16	448
		73.0%	6.9%	16.5%	3.6%	100%
	Region 1	127	13	25	3	168
		75.6%	7.7%	14.9%	1.8%	100%
	Region 2	61	3	15	2	81
		75.3%	3.7%	18.5%	2.5%	100%
	Region 3	79	13	18	3	113
		69.9%	11.5%	15.9%	2.7%	100%
	Region 4	60	2	16	8	86
		69.8%	2.3%	18.6%	9.3%	100%

1/ Percentages may not add due to rounding.

		<b>Yes</b>	<b>No</b>	<b>Don't Know</b>	<b>No Response</b>	<b>TOTAL 1/</b>
10. Do you feel the Board is doing enough in regards to outreach and research on EGVM (European Grapevine Moth)?	State	296	50	85	17	448
		66.1%	11.2%	19.0%	3.8%	100%
	Region 1	124	15	28	1	168
		73.8%	8.9%	16.7%	0.6%	100%
	Region 2	56	5	15	5	81
		69.1%	6.2%	18.5%	6.2%	100%
	Region 3	68	18	24	3	113
		60.2%	15.9%	21.2%	2.7%	100%
	Region 4	48	12	18	8	86
		55.8%	14.0%	20.9%	9.3%	100%

11. Do you feel that growers, other than winegrape growers, have played a significant role in containing the glassy-winged sharpshooter?	State	216	99	89	44	448
		48.2%	22.1	19.9%	9.8%	100%
	Region 1	81	39	33	15	168
		48.2%	23.2%	19.6%	8.9%	100%
	Region 2	43	17	15	6	81
		53.1%	21.0%	18.5%	7.4%	100%
	Region 3	57	28	19	9	113
		50.4%	24.8%	16.8%	8.0%	100%
	Region 4	35	15	22	14	86
		40.7%	17.4%	25.6%	16.3%	100%

1/ Percentages may not add due to rounding.

		<b>Nursery Industry</b>	<b>Citrus Industry</b>	<b>Almond Industry</b>	<b>Table Grape Industry</b>	<b>Raisin Grape Industry</b>	<b>Other</b>
If YES, which ones? 2/		141	84	32	96	87	18
State		65.3%	38.9%	14.8%	44.4%	40.3%	8.3%
Region 1		57	31	13	31	29	8
		70.4%	38.3%	16.0%	38.3%	35.8%	9.9%
Region 2		29	10	5	15	12	5
		67.4%	23.3%	11.6%	34.9%	27.9%	11.6%
Region 3		29	27	12	34	34	2
		50.9%	47.4%	21.1%	59.6%	59.6%	3.5%
Region 4		26	16	2	16	12	3
		74.3%	45.7%	5.7%	45.7%	34.3%	8.6%

2/ Totals not applicable because of multiple responses.

		<b>Yes</b>	<b>No</b>	<b>Don't Know</b>	<b>No Response</b>	<b>TOTAL 1/</b>
12. Have you visited any web sites dealing with the Pierce's disease/glassy-winged sharpshooter?	State	97	342	1	8	448
		21.7%	76.3%	0.2%	1.8%	100%
Region 1		39	126	1	2	168
		23.2%	75.0%	0.6%	1.2%	100%
Region 2		17	63	---	1	81
		21.0%	77.8%	---	1.2%	100%
Region 3		18	93	---	2	113
		15.9%	82.3%	---	1.8%	100%
Region 4		23	60	---	3	86
		26.7	69.8%	---	3.5%	100%

1/ Percentages may not add due to rounding.

		<b>U.C. Cooperative Extension</b>	<b>CDFA's Pierce's Disease Control Program</b>	<b>County Agricultural Commissioner</b>	<b>PD/GWSS Forum</b>	<b>Other</b>
If YES, please specify. 2/		60	39	32	17	9
State		61.9%	40.2%	33.0%	17.5%	9.3%
Region 1		24	11	17	6	3
		61.5%	28.2%	43.6%	15.4%	7.7%
Region 2		11	8	3	3	1
		64.7%	47.1%	17.6%	17.6%	5.9%
Region 3		12	8	6	2	2
		66.7%	44.4%	33.3%	11.1%	11.1%
Region 4		13	12	6	6	3
		56.5%	52.2%	26.1%	26.1%	13.0%

2/ Totals not applicable because of multiple responses.

		Yes	No	Don't Know	No Response	TOTAL 1/
a. Were the web sites helpful?	State	90	2	---	5	97
		92.8%	2.1%	---	5.2%	100%
Region 1	35	2	---	2	39	
	89.7%	5.1%	---	5.1%	100%	
Region 2	16	---	---	1	17	
	94.1%	---	---	5.9%	100%	
Region 3	16	---	---	2	18	
	88.9%	---	---	11.1%	100%	
Region 4	23	---	---	---	23	
	100%	---	---	---	100%	

1/ Percentages may not add due to rounding.

		Yes	No	Don't Know	No Response	TOTAL 1/
13. Have you made any changes to your production practices as a result of the Pierce's disease/glassy-winged sharpshooter threat?	State	88	340	3	17	448
		19.6%	75.9%	0.7%	3.8%	100%
Region 1	46	117	1	4	168	
	27.4%	69.6%	0.6%	2.4%	100%	
Region 2	10	66	2	3	81	
	12.3%	81.5%	2.5%	3.7%	100%	
Region 3	16	92	---	5	113	
	14.2%	81.4%	---	4.4%	100%	
Region 4	16	65	---	5	86	
	18.6%	75.6%	---	5.8%	100%	

1/ Percentages may not add due to rounding.

		U.C. Cooperative Extension	CDFA's Pierce's Disease Control Program	County Agricultural Commissioner	Producer Associations, Newsletters, or Trade Magazines	Crop Consultant or Pest Control Advisor (PCA)	PD/GWSS Board Newsletter
14. What key source(s) do you rely on for information about the Pierce's disease/glassy-winged sharpshooter (PD/GWSS)? 2/	State	147	72	145	135	136	76
		32.8%	16.1%	32.4%	30.1%	30.4%	17.0%
Region 1	68	28	77	51	40	29	
	40.5%	16.7%	45.8%	30.4%	23.8%	17.3%	
Region 2	28	14	28	23	26	17	
	34.6%	17.3%	34.6%	28.4%	32.1%	21.0%	
Region 3	28	15	20	32	51	11	
	24.8%	13.3%	17.7%	28.3%	45.1%	9.7%	
Region 4	23	15	20	29	19	19	
	26.7%	17.4%	23.3%	33.7%	22.1%	22.1%	

14. (continued)

	<b>Other Growers</b>	<b>Other</b>	<b>Don't Know</b>	<b>No Response</b>	<b>None</b>
State	97 21.7%	51 11.4%	19 4.2%	39 8.7%	---
Region 1	35 20.8%	19 11.3%	6 3.6%	9 5.4%	---
Region 2	21 25.9%	14 17.3%	2 2.5%	6 7.4%	---
Region 3	21 18.6%	8 7.1%	7 6.2%	15 13.3%	---
Region 4	20 23.3%	10 11.6%	4 4.7%	9 10.5%	---

2/ Totals not applicable because of multiple responses.

Figure 1

## MAP AND DEFINITIONS OF CALIFORNIA GRAPE PRICING DISTRICTS

