

# CSBA 2013 POLLINATION SURVEY RESULTS

<u>CROP</u>	<u>NUMBER OF RENTALS</u>	<u>HIGH FEE</u>	<u>LOW FEE</u>	<u>AVERAGE FEE</u>	<u>TOTAL \$ INCOME</u>	<u>NUMBER OF BEEKEEPERS</u>			
ALFALFA SEED	4,168	\$ 48.00	\$ 35.00	\$ 45.81	\$ 190,915.44	6			
<b>ALMONDS</b>									
KERN-MADERA	38,324	\$ 180.00	\$ 150.00	\$ 167.90	\$ 6,434,738.60	9			
MERCED-SAN JQN.	39,792	\$ 180.00	\$ 135.00	\$ 155.95	\$ 6,205,600.00	11			
SACRAMENTO-NORTH	49,322	\$ 180.00	\$ 140.00	\$ 154.51	\$ 7,620,930.00	12			
<b>TOTAL CA</b>	<b>127,438</b>	<b>\$ 180.00</b>	<b>\$ 135.00</b>	<b>\$158.99</b>	<b>\$ 20,261,268.60</b>				
APPLES	600	\$ 45.00	\$ 35.00	\$ 43.33	\$ 26,000.00	2			
APRICOTS									
AVOCADOS RENT	1,100	\$ 30.00	\$ 30.00	\$ 30.00	\$ 33,000.00	1			
AVOCADOS N/C									
BLUE BERRIES									
BUSH OR CANE BERRIES	14	\$ 80.00	\$ 80.00	\$ 80.00	\$ 1,120.00	1			
CHERRIES (LATE)	2,960	\$ 50.00	\$ 20.00	\$ 37.13	\$ 109,900.00	5			
CHERRIES (EARLY)	366	\$ 220.00	\$ 50.00	\$ 117.54	\$ 43,020.00	3			
CLOVER SEED									
CUCUMBERS	200	\$ 50.00	\$ 35.00	\$ 38.00	\$ 7,600.00	3			
CORRIANDER									
KIWIS RENT									
MELONS (WATERMELONS)	166	\$ 58.00	\$ 35.00	\$ 37.22	\$ 6,178.00	2			
MELONS (ALL OTHERS)	1,202	\$ 40.00	\$ 30.00	\$ 33.22	\$ 39,930.00	4			
ONION SEED	900	\$ 50.00	\$ 25.00	\$ 35.40	\$ 31,860.00	6			
PLUMS	250	\$ 160.00	\$ 160.00	\$ 160.00	\$ 40,000.00	1			
PLUOTS									
PUMPKINS	119	\$ 50.00	\$ 35.00	\$ 38.68	\$ 4,603.00	4			
PRUNES	3,200	\$ 20.00	\$ 15.00	\$ 17.66	\$ 56,500.00	3			
PRUNES N/C									
QUINCE									
SQUASH	680	\$ 80.00	\$ 35.00	\$ 36.32	\$ 24,700.00	3			
SUNFLOWERS RENT	11,805	\$ 37.00	\$ 35.00	\$ 30.40	\$ 358,925.00	6			
VEGETABLE SEED (HIVES)	1,020	\$ 100.00	\$ 35.00	\$ 30.49	\$ 31,100.00	3			
VEGETABLE SEED (NUCS)									
TOTAL NUMBER OF LIVE COLONIES SURVEYED				<b>128,054</b>	<b>PROJECTED VS. ACTUAL ALMOND POLLINATION FEES FROM PREVIOUS SURVEYS</b>				
AVERAGE WINTER MORTALITY RATE (2012-2013)				<b>32%</b>					
					<b>YEAR</b>	<b>PROJECTE</b>	<b>ACTUAL</b>	<b>DIFFERENCE</b>	
					2011	\$158.37	\$151.56	<b>-\$6.81</b>	
AVERAGE PROJECTED 2014 ALMOND POLLINATION FEE					\$	<b>169.79</b>	2012	\$153.42	<b>-\$1.32</b>
						<b>\$154.03</b>	2013	\$158.99	<b>\$2.34</b>

# CSBA 2012 POLLINATION SURVEY RESULTS

<u>CROP</u>	<u>NUMBER OF RENTALS</u>	<u>HIGH FEE</u>	<u>LOW FEE</u>	<u>AVERAGE FEE</u>	<u>TOTAL \$ INCOME</u>	<u>NUMBER OF BEEKEEPERS</u>		
ALFALFA SEED	3,863	\$ 50.00	\$ 40.00	\$ 46.11	\$ 178,105.00	7		
<b>ALMONDS</b>								
KERN-MADERA	93,777	\$ 184.00	\$ 135.00	\$ 155.69	\$ 14,600,180.00	22		
MERCED-SAN JQN.	33,950	\$ 177.00	\$ 134.00	\$ 149.84	\$ 5,086,950.00	11		
SACRAMENTO-NORTH	18,229	\$ 177.00	\$ 140.00	\$ 148.38	\$ 2,704,742.00	6		
<b>TOTAL CA</b>	<b>145,956</b>	<b>\$ 184.00</b>	<b>\$ 134.00</b>	<b>\$153.42</b>	<b>\$ 22,391,872.00</b>			
APPLES	2,196	\$ 40.00	\$ 20.00	\$ 21.79	\$ 47,840.00	2		
APRICOTS								
AVOCADOS RENT	1,300	\$ 16.00	\$ 10.00	\$ 14.62	\$ 19,000.00	2		
AVOCADOS N/C								
BLUE BERRIES								
BUSH OR CANE BERRIES	720	\$ 100.00	\$ 100.00	\$ 100.00	\$ 72,000.00	1		
CHERRIES (LATE)	2,250	\$ 50.00	\$ 20.00	\$ 30.67	\$ 69,000.00	4		
CHERRIES (EARLY)	340	\$ 184.00	\$ 50.00	\$ 140.32	\$ 47,710.00	4		
CLOVER SEED								
CUCUMBERS	160	\$ 34.00	\$ 34.00	\$ 34.00	\$ 5,440.00	1		
CORRIANDER								
KIWIS RENT	1,760	\$ 35.00	\$ 20.00	\$ 21.42	\$ 37,700.00	3		
MELONS (WATERMELONS)	1,157	\$ 34.00	\$ 30.00	\$ 30.99	\$ 35,850.00	1		
MELONS (ALL OTHERS)	2,575	\$ 60.00	\$ 22.00	\$ 27.06	\$ 69,675.00	4		
ONION SEED	264	\$ 25.00	\$ 25.00	\$ 25.00	\$ 6,600.00	1		
PLUMS	618	\$ 145.00	\$ 125.00	\$ 136.13	\$ 84,130.00	3		
PLUOTS	5	\$ 125.00	\$ 125.00	\$ 125.00	\$ 625.00	1		
PUMPKINS	15	\$ 40.00	\$ 40.00	\$ 40.00	\$ 600.00	1		
PRUNES	3,600	\$ 18.00	\$ 10.00	\$ 17.78	\$ 64,000.00	2		
PRUNES N/C								
QUINCE								
SQUASH	730	\$ 34.00	\$ 34.00	\$ 34.00	\$ 24,820.00	1		
SUNFLOWERS RENT	3,265	\$ 37.00	\$ 30.00	\$ 34.29	\$ 111,950.00	2		
VEGETABLE SEED (HIVES)	2,941	\$ 80.00	\$ 34.00	\$ 37.32	\$ 109,750.00	4		
VEGETABLE SEED (NUCS)								
TOTAL NUMBER OF LIVE COLONIES SURVEYED				<b>146,914</b>	<b>PROJECTED VS. ACTUAL ALMOND POLLINATION FEES FROM PREVIOUS SURVEYS</b>			
AVERAGE WINTER MORTALITY RATE (2011-2012)				<b>20%</b>				
					<b>YEAR</b>	<b>PROJECTE</b>	<b>ACTUAL</b>	<b>DIFFERENCE</b>
					2011	\$158.37	\$151.56	<b>-\$6.81</b>
AVERAGE PROJECTED 2013 ALMOND POLLINATION FEE					<b>\$ 154.03</b>	<b>2012</b>	<b>\$154.74</b>	<b>\$153.42</b>
					<b>2013</b>	<b>\$154.03</b>		

# CSBA 2009 POLLINATION SURVEY RESULTS

<u>CROP</u>	<u>NUMBER OF RENTALS</u>	<u>HIGH FEE</u>	<u>LOW FEE</u>	<u>AVERAGE FEE</u>	<u>TOTAL \$ INCOME</u>	<u>NUMBER OF BEEKEEPERS</u>
ALFALFA SEED	25,744	\$ 65.00	\$ 37.00	\$ 47.29	\$ 1,217,478.00	11
<b>ALMONDS</b>						
KERN-MADERA	101,105	\$ 190.00	\$ 115.00	\$ 163.43	\$ 16,523,468.00	23
MERCED-SAN JQN.	38,762	\$ 187.00	\$ 115.00	\$ 147.10	\$ 5,701,985.00	16
SACRAMENTO-NORTH	45,404	\$ 160.00	\$ 140.00	\$ 151.27	\$ 6,868,060.00	8
<b>TOTAL CA</b>	<b>185,271</b>	<b>\$ 190.00</b>	<b>\$ 115.00</b>	<b>\$ 157.03</b>	<b>\$ 29,093,513.00</b>	
APPLES	295	\$ 40.00	\$ 30.00	\$ 36.61	\$ 10,800.00	2
APRICOTS						
AVOCADOS RENT	10,351	\$ 115.00	\$ 15.00	\$ 36.95	\$ 382,445.00	7
AVOCADOS N/C	14,900					6
BLUE BERRIES	1,200	\$ 170.00	\$ 140.00	\$165.00	\$198,000.00	2
BUSH OR CANE BERRIES	70	\$ 40.00	\$ 24.00	\$ 33.14	\$ 2,320.00	2
CHERRIES (LATE)	1,776	\$ 90.00	\$ 30.00	\$ 38.73	\$ 68,790.00	8
CHERRIES (EARLY)	4,972	\$ 190.00	\$ 146.00	\$ 164.55	\$ 818,160.00	6
CLOVER SEED						
CUCUMBERS	1,914	\$ 34.00	\$ 20.00	\$ 31.38	\$ 60,060.00	4
CUCUMBERS N/C	500					1
KIWIS RENT	450	\$ 30.00	\$ 25.00	\$ 25.56	\$ 11,500.00	2
MELONS (WATERMELONS)	3,879	\$ 60.00	\$ 25.00	\$ 37.02	\$ 143,610.00	7
MELONS (ALL OTHERS)	4,082	\$ 60.00	\$ 22.00	\$ 30.77	\$ 125,584.00	6
ONION SEED	412	\$ 65.00	\$ 31.00	\$ 33.86	\$ 13,950.00	3
PLUMS	2,557	\$ 160.00	\$ 80.00	\$ 140.40	\$ 359,008.00	5
PLUMS N/C	500					1
PUMPKINS	250	\$ 35.00	\$ 31.00	\$ 32.88	\$ 8,220.00	3
PRUNES	6,800	\$ 18.00	\$ 10.00	\$ 15.72	\$ 106,900.00	3
PRUNES N/C	1,000					1
QUINCE						
SQUASH	940	\$ 35.00	\$ 31.00	\$ 33.05	\$ 31,070.00	3
SUNFLOWERS RENT	4,525	\$ 31.00	\$ 28.00	\$ 28.93	\$ 130,900.00	2
VEGETABLE SEED (HIVES)	1,808	\$ 80.00	\$ 31.00	\$ 52.18	\$ 94,340.00	4
VEGETABLE SEED (NUCS)	130	\$ 75.00	\$ 55.00	\$ 59.62	\$ 7,750.00	2

TOTAL NUMBER OF COLONIES SENT OUT OF STATE	<b>53,189.00</b>
TOTAL NUMBER OF LIVE COLONIES SURVEYED	<b>209644</b>
AVERAGE WINTER MORTALITY RATE (2008-2009)	<b>23%</b>
PERCENTAGE LOSS DUE TO CCD	<b>12%</b>
TOTAL NUMBER OF COLONIES DAMAGED BY BEARS IN CA.	<b>225</b>
DISPLACED COLONIES IN CITRUS CAUSED BY TWO MILE BEE BUFFER	<b>1650</b>

PROJECTED VS. ACTUAL ALMOND POLLINATION FEES FROM PREVIOUS SURVEYS			
YEAR	PROJECTE	ACTUAL	DIFFERENCE
2008	\$ 156.08	\$148.50	\$ (7.58)

AVERAGE PROJECTED 2010 ALMOND POLLINATION FEE	\$	<u>143.41</u>	2009	\$ 161.46	\$157.03	\$	(4.43)
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# CSBA 2008 POLLINATION SURVEY RESULT

<u>CROP</u>	<u>NUMBER OF RENTALS</u>	<u>HIGH FEE</u>	<u>LOW FEE</u>	<u>AVERAGE FEE</u>	<u>TOTAL \$ INCOME</u>	<u>NUME BEEKI</u>
ALFALFA SEED	29,341	\$ 50.00	\$ 25.00	\$ 43.33	\$ 1,271,484.00	
<b>ALMONDS</b>						
KERN-MADERA	59,664	\$ 169.00	\$ 130.00	\$ 142.61	\$ 8,508,571.00	
MERCED-SAN JQN.	70,138	\$ 155.00	\$ 125.00	\$ 145.10	\$ 10,177,130.00	
SACRAMENTO-NORTH	25,709	\$ 176.00	\$ 145.00	\$ 151.53	\$ 3,895,805.00	
<b>TOTAL CA</b>	<b>155,511</b>			<b>\$ 145.21</b>	<b>\$ 22,581,506.00</b>	
APPLES	2,400	\$ 37.50	\$ 20.00	\$ 23.54	\$ 56,500.00	
APRICOTS						
AVOCADOS RENT	4,400	\$ 75.00	\$ 25.00	\$ 44.01	\$ 193,625.00	
AVOCADOS N/C	8,800	\$ -	\$ -			
BUSH OR CANE BERRIES	1,100	\$ 165.00	\$ 40.00	\$ 154.36	\$ 169,800.00	
CHERRIES (LATE)						
CHERRIES (EARLY)	2,684	\$ 169.00	\$ 25.00	\$ 86.13	\$ 231,168.00	
CLOVER SEED						
CUCUMBERS						
CUCUMBERS N/C						
KIWIS RENT						
MELONS (WATERMELONS)						
MELONS (ALL OTHERS)						
ONION SEED						
PLUMS						
PLUOTS						
PUMPKINS						
PRUNES						
PRUNES N/C						
QUINCE						
SQUASH						
SUNFLOWERS RENT						
VEGETABLE SEED (HIVES)						

VEGETABLE SEED (NUCS)						
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TOTAL NUMBER OF COLONIES SENT OUT OF STATE	<u>77,422.00</u>			
TOTAL NUMBER OF LIVE COLONIES SURVEYED	<u>175,478.00</u>			
AVERAGE WINTER MORTALITY RATE (2006-2007)	<u>26.23</u>	%		
PERCENTAGE LOSS DUE TO CCD	<u>11.00</u>	%		
TOTAL NUMBER OF COLONIES DAMAGED BY BEARS IN CA.	<u>1561</u>	YEAR	PROJECTED	ACTUAL
<b>1500 BABY NUCS DAMAGED BY BEARS</b>				
DISPLACED COLONIES IN CITRUS CAUSED BY TWO MILE BEE BUFFER	<u>7286</u>	2006	\$ 136.33	\$ 146.41
AVERAGE PROJECTED 2009 ALMOND POLLINATION FEE	<u>\$ 156.08</u>	2007	\$ 145.24	\$ 145.21

PROJECTED VS. ACTUAL  
POLLINATION FEES FROM  
SURVEYS





L ALMOND  
DM PREVIOUS

DIFFERENCE

\$ (10.08)

\$ 0.03



# CSBA 2007 POLLINATION SURVEY RESULTS

<u>CROP</u>	<u>NUMBER OF RENTALS</u>	<u>HIGH FEE</u>	<u>LOW FEE</u>	<u>AVERAGE FEE</u>	<u>TOTAL \$ INCOME</u>	<u>NUMBER OF BEEKEEPERS</u>
ALFALFA SEED	8,072	\$ 40.00	\$ 33.00	\$ 38.27	\$ 308,880.00	9
<b>ALMONDS</b>						
KERN-MADERA	134,130	\$ 158.00	\$ 125.00	\$ 145.17	\$ 19,471,680.00	24
MERCED-SAN JQN.	49,588	\$ 158.00	\$ 103.00	\$ 138.29	\$ 6,857,568.00	22
SACRAMENTO-NORTH	28,181	\$ 150.00	\$ 135.00	\$ 143.60	\$ 4,046,715.00	8
<b>TOTAL CA</b>	<b>211,899</b>	<b>\$ 158.00</b>	<b>\$ 103.00</b>	<b>\$ 143.35</b>	<b>\$ 30,375,963.00</b>	<b>54</b>
APPLES	3,448	\$ 35.00	\$ 15.00	\$ 20.66	\$ 71,220.00	5
APRICOTS	0					0
AVOCADOS RENT	6,142	\$ 45.00	\$ 30.00	\$ 34.50	\$ 211,920.00	5
AVOCADOS N/C	2,100			\$0.00	\$0.00	0
BUSH OR CANE BERRIES	236	\$ 150.00	\$ 140.00	\$ 144.75	\$ 34,160.00	2
CHERRIES (LATE)	5,553	\$ 45.00	\$ 20.00	\$ 27.21	\$ 151,095.00	14
CHERRIES (EARLY)	894	\$ 150.00	\$ 100.00	\$ 130.76	\$ 116,900.00	8
CLOVER SEED	300			\$ 29.00	\$ 8,700.00	1
CUCUMBERS	2,013	\$ 26.00	\$ 12.00	\$ 17.38	\$ 34,990.00	4
CUCUMBERS N/C	400			\$0.00	\$0.00	1
KIWIS RENT	342	\$ 25.00	\$ 15.00	\$ 16.46	\$ 5,630.00	2
MELONS (WATERMELONS)	2,346	\$ 34.00	\$ 28.00	\$ 29.67	\$ 69,600.00	8
MELONS (ALL OTHERS)	9,877	\$ 40.00	\$ 20.00	\$ 23.69	\$ 234,010.00	8
ONION SEED	925	\$ 40.00	\$ 12.00	\$ 29.45	\$ 27,245.50	7
PLUMS	2,250	\$ 150.00	\$ 80.00	\$ 117.51	\$ 264,400.00	7
PLUOTS	0					0
PUMPKINS	10			\$ 30.00	\$ 300.00	1
PRUNES	5,240	\$ 95.00	\$ 15.00	\$ 15.61	\$ 81,800.00	4
PRUNES N/C	1,100			\$0.00	\$0.00	2
QUINCE	0					0
SQUASH	782	\$ 34.00	\$ 30.00	\$ 33.59	\$ 26,268.00	2
SUNFLOWERS RENT	3,752	\$ 27.00	\$ 25.00	\$ 26.69	\$ 100,152.00	4
VEGETABLE SEED (HIVES)	3,506	\$ 40.00	\$ 20.00	\$ 32.62	\$ 114,370.00	4
VEGETABLE SEED (NUCS)	50			\$ 50.00	\$ 2,500.00	1

TOTAL NUMBER OF COLONIES SENT OUT OF STATE	<u>77,422.00</u>			
TOTAL NUMBER OF LIVE COLONIES SURVEYED	<u>175,478.00</u>			
AVERAGE WINTER MORTALITY RATE (2006-2007)	<u>26.23</u>	%		
PERCENTAGE LOSS DUE TO CCD	<u>11.00</u>	%		
TOTAL NUMBER OF COLONIES DAMAGED BY BEARS IN CA.	<u>1561</u>			

  

PROJECTED VS. ACTUAL ALMOND POLLINATION FEES FROM PREVIOUS SURVEYS			
YEAR	PROJECTED	ACTUAL	DIFFERENCE

\*-MEDIAN PRICE USED FOR CALCULATION PURPOSES WHEN A RANGE WAS GIVEN IN COMPLETED SURVEYS

<b>1500 BABY NUCS DAMAGED BY BEARS</b>					
DISPLACED COLONIES IN CITRUS CAUSED BY TWO MILE BEE BUFFER	<b>7286</b>	2006	\$ 136.33	\$ 136.98	\$ (0.65)
AVERAGE PROJECTED 2008 ALMOND POLLINATION FEE	<b>\$ 156.08</b>	2007	\$ 145.24	\$ 143.35	\$ 1.89

\*-MEDIAN PRICE USED FOR CALCULATION PURPOSES WHEN A RANGE WAS GIVEN IN COMPLETED SURVEYS