



# California Horticultural Crops Statistics – 2012

over 57 Years as the Nation's #1 Agricultural Producer

## CalAg Fast Facts

From the California Department of Food and Agriculture Resources

### Output

In 2010, 81,700 farms operated in California, 3.7 percent of the national total.

California agriculture experienced a 9 percent increase in the sales value of its products for 2010.

In 2010, the state's farms and ranches received a record \$37.5 billion for their output, up from the \$34.6 billion in 2009. The 2010 output was 1 percent higher than the previous record set in 2008.

California is home to the most productive agricultural counties in the nation. According to the 2007 Census of Agriculture's ranking of market value of agricultural products sold, nine of the nation's top 10 producing counties are in California.

Over 23 percent of California farms produced commodity sales totaling over \$100,000, compared to 17 percent for the U.S. as a whole.

California accounts for 63 percent of the U.S. non-citrus fruit and nut production and 67 percent of the national value.

### Commodities

California's agricultural abundance includes more than 400 commodities. The state produces nearly half of U.S.-grown fruits, nuts, and vegetables.

California's top 20 crop and livestock commodities accounted for more than \$30.4 billion in value for 2010

Of the citrus crops, California accounts for 32 percent of the U.S. citrus production and 45 percent of the national value.

California is the nation's number one producer of tree nuts. Nearly 92 percent of the U.S. tree nut production was harvested from Golden State orchards in 2010.

The three largest nut crops in California saw record production in 2010. The value of both pistachios and walnuts exceeded \$1 billion for the first time, while almonds increased to California's third most valuable crop.

### Exports

According to the USDA's Economic Research Service, in 2010 California was the number one exporter of agricultural commodities in the United States. Tree nuts were the number one agricultural export for California, followed by fruit and vegetables.

In 2010, the value of California agricultural exports reached an all-time high of \$14.7 billion, a 19 percent increase from 2009\*. Since 2003, the international trade of California-produced commodities has increased each year.

California agricultural products were shipped to over 194 individual countries worldwide. The top three export destinations were Canada, the European Union, and Japan.

\*Source: *California Agricultural Exports, 2010 Report*, Agricultural Issues Center, University of California, <http://aic.ucdavis.edu>



**Top 5 Agricultural States in 2010  
and Market Value of  
Agricultural Products Sold**

<b>Rank</b>	<b>State</b>	<b>Value</b> (\$ in billions)
1	California	\$37.5
2	Iowa	\$23.2
3	Texas	\$19.9
4	Nebraska	\$17.3
5	Illinois	\$15.1

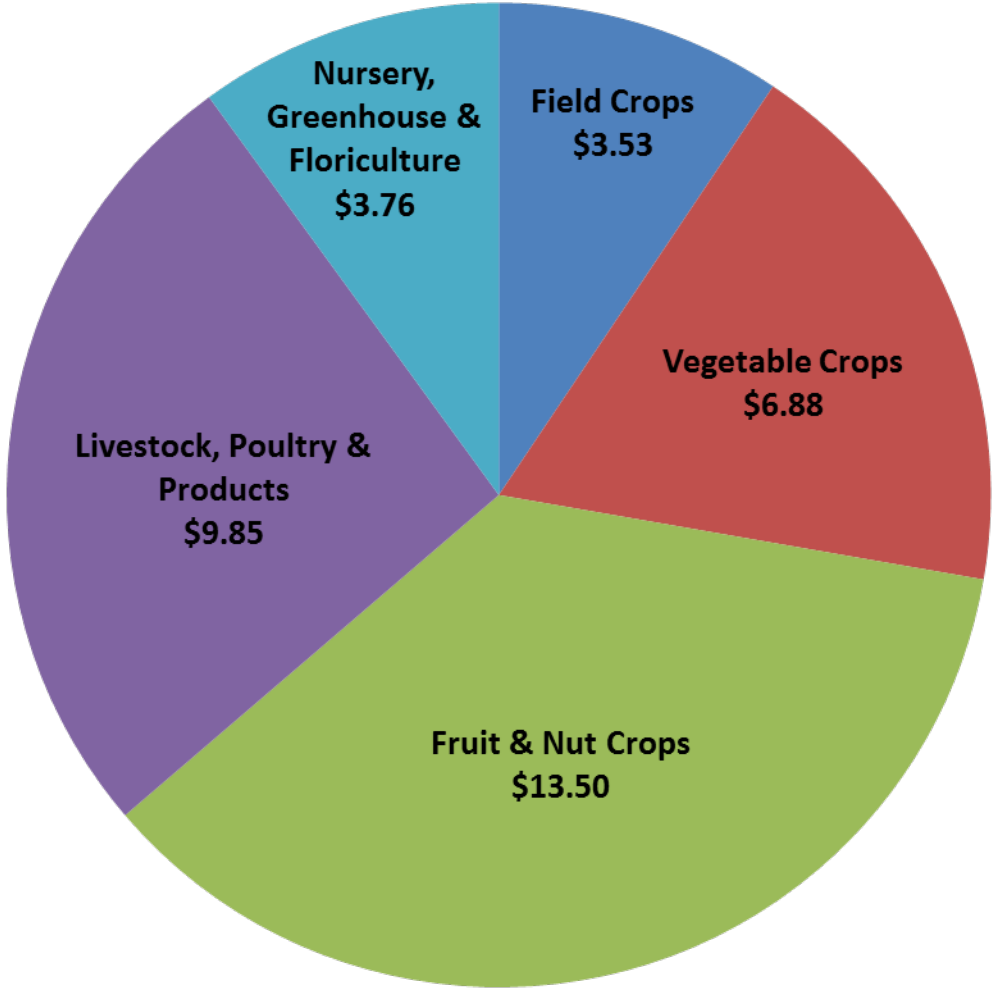
**California's Top 20 Commodities for 2010 (2009)**

<b>Rank</b>	<b>Commodity</b>	<i>Value in billions of \$</i>	
		<b>2010</b>	<b>2009</b>
1	Milk and Cream	5.93	4.54
2	Grapes, All	3.20	3.26
3	Almonds (shelled)	2.84	2.30
4	Nursery	2.74	2.51
5	Cattle & Calves	2.09	1.68
6	Berries, All Strawberries	1.79	1.73
7	Lettuce, All	1.64	1.74
8	Tomatoes, All	1.27	1.54
9	Pistachios	1.16	0.59
10	Walnuts	1.06	0.75
11	Flowers and Foliage	1.01	0.94
12	Hay, All	0.97	0.93
13	Rice	0.79	0.93
14	Chickens, All	0.72	0.69
15	Oranges, All	0.72	0.59
16	Cotton Lint, All	0.61	0.29
17	Broccoli	0.61	0.75
18	Carrots	0.53	0.50
19	Avocados	0.41	0.20
20	Celery	0.38	0.39

Source: California Department of Food and Agriculture Resources

# California's Agriculture Gross Cash Income, 2010

(in Billions of \$)



Source: California Department of Food and Agriculture Resources

Fruit and Nut Crop Commodities in which California Leads the Nation	
<b>Almonds<sup>1</sup></b>	Nectarines
Apricots	<b>Olives</b>
<b>Artichokes</b>	<b>Peaches, Clingstone</b>
Asparagus	Peaches, Freestone
Avocados	Pears, Bartlett
<b>Dates</b>	Persimmons
<b>Figs</b>	<b>Pistachios</b>
<b>Grapes, Raisins</b>	Plums
Grapes, Table	<b>Plums, Dried</b>
Grapes, Wine	Pluots
<b>Kiwifruit</b>	<b>Pomegranates</b>
Kumquats	Raspberries
Lemons	Strawberries
Limes	<b>Walnuts</b>
Mandarins & Hybrids <sup>2</sup>	

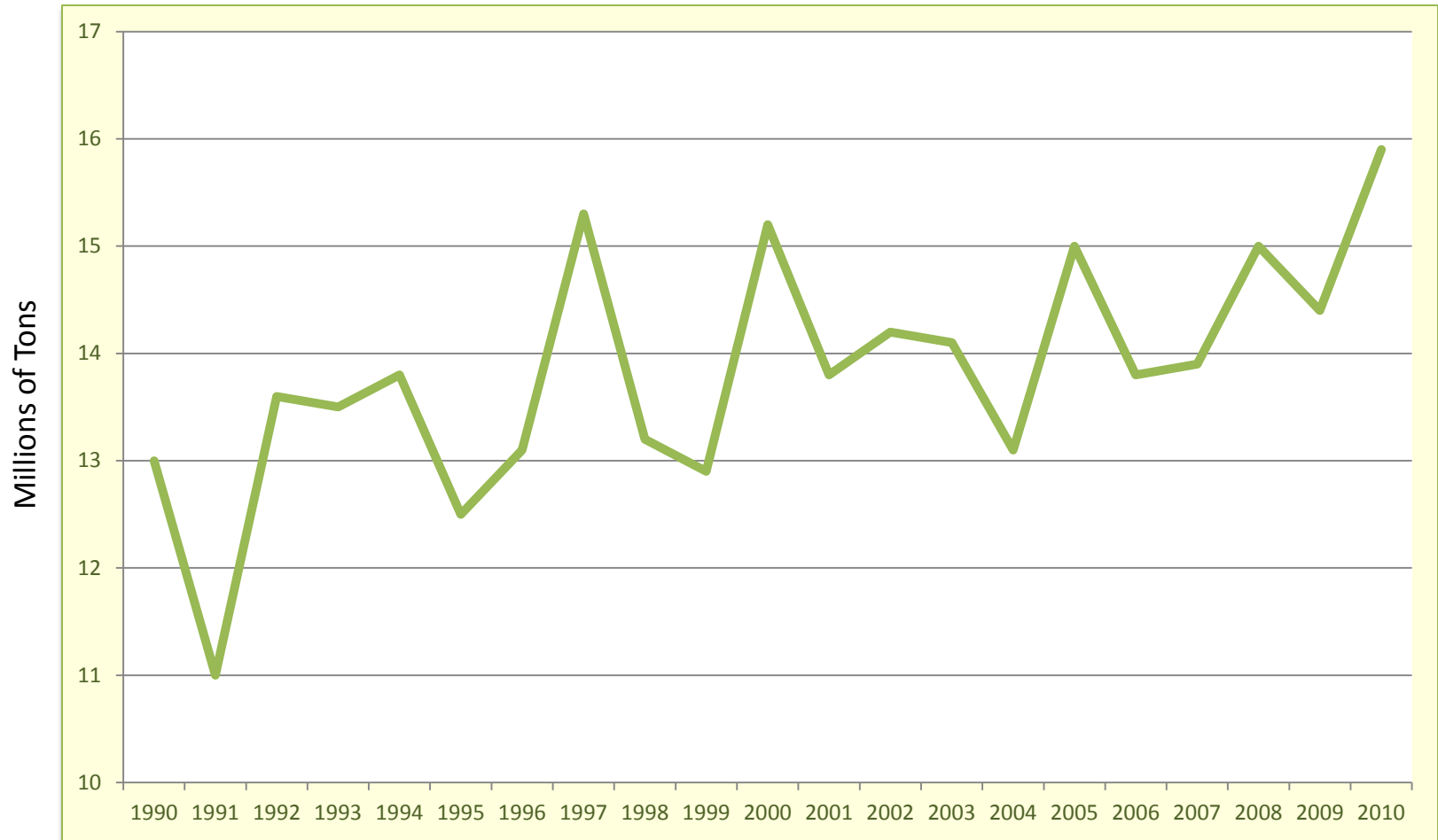
<sup>1</sup> California is the sole producer (99 percent or more) of the commodities highlighted.

<sup>2</sup> Includes tangelos, tangerines and tangors.

California's Top 10 Agricultural Counties, 2008			
Rank	County	\$ Value/Millions	Top Products
1	Fresno	5,669,527	Grapes, almonds, poultry, milk, tomatoes
2	Tulare	5,017,955	Milk, oranges, cattle & calves, grapes, alfalfa hay/ silage
3	Kern	4,032,830	Milk, grapes, citrus, almonds and by-products, carrots
4	Monterey	3,829,123	Leaf/head lettuce, grapes, strawberries, nursery, broccoli,
5	Merced	2,972,698	Milk, chickens, almonds, cattle and calves, potatoes
6	Stanislaus	2,463,787	Milk, almonds, chickens, cattle and calves, silage
7	San Joaquin	2,129,812	Milk, grapes, walnuts, cherries, almond meats
8	Kings	1,760,168	Milk, cotton, cattle and calves, alfalfa, tomatoes
9	Imperial	1,684,522	Cattle, alfalfa, wheat, head and leaf lettuce, broccoli
10	Ventura	1,611,091	Strawberries, nursery stock, lemons, celery, raspberries

Source: California Department of Food and Agriculture Resources

## Fruit & Nut Production in California (1990-2010)



Source: California Department of Food and Agriculture

## Selected California Fruit & Nut Commodities Ranking 1 or 2 in Production in U.S., and Acreage, Production, Value and Leading Producing Counties, 2010

Commodity	U.S. Rank <sup>1</sup> Number	CA Share of U.S. Product <sup>1</sup> Percent	Acres Harvested 1,000	Short Tons 1,000	Total Value <sup>2</sup> \$1,000	CA Rank <sup>3</sup> 2010	Harvest Season	Leading Counties <sup>4</sup>
Almonds (shelled) <sup>5</sup>	1	99	740.0	820.0	2,838,500	3	Aug. 1-Oct. 31	Fresno, Stanislaus, Kern, Merced, Madera
Apricots	1	91	10.8	59.2	40,470	58	May 1-July 15	Stanislaus, Fresno, Kings, Kern, San Joaquin
Avocados	1	92	58.5	274.8	414,948	19	Year-round	San Diego, Santa Barbara, Ventura, Riverside, San Luis Obispo
Raspberries	1	55	5.4	40.5	200,288	31	June 1-Oct. 31	Ventura, Santa Cruz, Monterey
FM Strawberries	1	79	---	1,041.1	1,657,352	---	---	Monterey, Ventura, Santa Barbara, San Luis Obispo, Sacramento
Proc Strawberries	1	90	---	250.4	139,222	---	---	Ventura, Santa Barbara, Monterey, San Luis Obispo, San Diego
All Strawberries	1	80	38.6	1,291.5	1,796,574	6	Feb. 20-Nov. 15	Monterey, Ventura, Santa Barbara, Santa Cruz, San Luis Obispo
Cherries, Sweet	2	31	29.0	97.0	258,715	27	May 20-June 25	San Joaquin, Fresno, Stanislaus, Tulare, Kern
Dates <sup>5</sup>	1	82	7.7	28.3	33,960	61	Oct. 1-Dec. 15	Riverside, Imperial, Fresno, Sutter
Figs <sup>5</sup>	1	96	9.2	40.3	22,084	66	June 10-Sept. 15	Madera, Merced, Fresno, Imperial, Los Angeles
Grapefruit, All	2	14	9.6	150.8	33,950	64	Nov. 1-July 31	Riverside, San Diego, Tulare, Kern, Kings
Grapes, All (Raisin, Table, Wine)	1	90	792.0	6,716.0	3,201,112	2	May 15- Dec. 15	Fresno, Kern, Kings, Madera, Monterey, Napa, Riverside, San Joaquin, Sonoma, Tulare
Kiwifruit <sup>5</sup>	1	97	4.2	32.7	24,961	65	Oct. 1-May 31	Tulare, Butte, Yuba, Fresno, Sutter
Lemons	1	90	46.0	798.0	362,588	22	Year-round	Ventura, Riverside, Kern, Tulare, San Diego
Nectarines <sup>5</sup>	1	96	28.0	225.0	126,000	40	June 10-Sept. 5	Fresno, Tulare, Kings, Kern, Madera
Olives <sup>5</sup>	1	96	33.0	195.0	113,360	41	Sept. 25-Mar. 15	Glenn, Tehama, San Joaquin, Tulare, Butte
Oranges, All	2	29	183.0	2156.3	720,899	15	---	Tulare, Fresno, Kern, Ventura, Riverside
Peaches, All (Clingstone, Freestone)	1	71	50.0	817.0	289,096	24	May 10-Sept. 15	Fresno, Tulare, Stanislaus, Sutter, Kings, Yuba, Merced, Butte
Pears, All	2	27	14.0	220.0	89,382	43	Aug. 5-Oct. 5	Sacramento, Fresno, Lake, Mendocino, Yuba
Pistachios <sup>5</sup>	1	98	1,370	261.0	1,158,840	9	Sept. 15-Dec. 10	Kern, Fresno, Tulare, Madera, Kings
Plums <sup>5</sup>	1	97	26.2	141.3	78,422	46	May 25-Aug.20	Fresno, Tulare, Kings, Madera, Yuba
Plums, Dried <sup>5</sup>	1	99	61.0	127.0	149,860	37	Aug. 15-Oct. 10	Sutter, Butte, Yuba, Tehama, Glenn
Tangerines, Mandarins,	1	67	30.0	371.3	*	36	Nov. 1-May 15	Kern, Tulare, Madera, Riverside, San Diego
Walnuts <sup>5</sup>	1	99	227.0	503.0	1,061,330	10	Sept. 5-Nov. 10	San Joaquin, Butte, Stanislaus, Tulare, Tehama

**Fruit and Nut Crops, Total Value: \$13,322,787,000**

<sup>1</sup>Based on quantity produced for crops

<sup>2</sup>Based on value of quantity harvested for crops

<sup>3</sup>Based on total value

<sup>4</sup>Based on values published in the county agricultural commissioners' annual crop reports

<sup>5</sup>Share of U.S. production based on 2007 Census of Agriculture.

\*Withheld to avoid disclosing data for individual operations.

Source: California Department of Food and Agriculture Resources

## Selected California Vegetable & Melon Commodities Ranking 1 in Production in U.S., and Acreage, Production, Value and Leading Producing Counties, 2010

Commodity	U.S. Rank <sup>1</sup> Number	CA Share of U.S. Product <sup>1</sup> Percent	Acres Harvested 1,000	Short Tons 1,000	Total Value <sup>2</sup> \$1,000	CA Rank <sup>3</sup> 2010	Harvest Season	Leading Counties <sup>4</sup>
Artichokes <sup>4</sup>	1	99	7.2	45.0	46,350	55	Year-round	Monterey, Riverside, Imperial, San Mateo, San Benito
Asparagus	1	50	11.5	20.2	59,241	58	Jan. 1-Nov. 30	San Joaquin, Monterey, Fresno, San Benito, Imperial
Broccoli	1	94	114.5	858.7	606,082	17	Year-round	Monterey, Santa Barbara, Imperial, San Luis Obispo, Fresno
Cabbage, Fresh Market	1	21	12.5	234.4	67,507	49	Year-round	Monterey, Ventura, San Luis Obispo, Imperial, Santa Barbara
Carrots, All	1	68	59.0	987.0	525,858	18	Year-round	Imperial, Monterey, Fresno, Riverside, Los Angeles
Cauliflower	1	87	22.9	274.7	210,631	30	Jan. 20-Dec. 15	Monterey, Santa Barbara, Imperial, San Luis Obispo, Riverside
Celery	1	95	26.6	964.2	380,974	20	Year-round	Monterey, Ventura, Santa Barbara, San Luis Obispo, Imperial
Garlic <sup>4</sup>	1	97	21.9	180.7	259,616	26	Apr. 1-Sept. 15	Fresno, Kern, Santa Clara, San Benito, Mono
Lettuce, All	1	---	206.5	3,377.5	1,642,249	7	---	Monterey, Imperial, Fresno, Santa Barbara, San Benito
Melons, All	1	---	50.0	664.2	165,534	39	June 1-Dec. 15	Fresno, Imperial, Merced, Stanislaus, Kern, Sutter, Riverside
Onions, All	1	26	41.8	941.3	223,611	29	May 1-Oct. 31	Fresno, Imperial, Kern, Los Angeles, San Joaquin
Peppers, All	1	---	25.8	508.8	294,806	23	April 1-Nov. 30	Riverside, Ventura, Kern, San Joaquin, San Benito, Santa Clara, Fresno
Spinach, All	1	---	33.6	269.4	194,185	32	Year-round	Monterey, San Benito, Imperial, Ventura, Stanislaus
Tomatoes, All	1	---	308.0	12,895.5	1,274,213	8	May 15-Nov. 10	Fresno, Santa Barbara, Stanislaus, Monterey, San Diego, Yolo, Kings
<b>Vegetable and Melon Crops: Total Value \$6,889,218,000</b>								
Nursery Products <sup>4,5,6</sup>	1	---	---	---	2,744,900	3	Continuous	San Diego, Monterey, Riverside, Ventura, Orange
Flowers & Foliage <sup>7</sup>	1	---	---	---	1,012,221	10	Continuous	San Diego, Santa Barbara, Santa Cruz, Monterey, San Luis Obispo

### Nursery And Flower Crops: Total Value \$3,751,416,000

<sup>1</sup>Based on quantity produced for crops

<sup>2</sup>Based on value of quantity harvested for crops

<sup>3</sup>Based on total value

<sup>4</sup>Based on values published in the county agricultural commissioners' annual crop reports

<sup>5</sup>Share of U.S. production based on 2007 Census of Agriculture

<sup>6</sup>Includes trees, shrubs, vines, bulbs, turf, etc., not included in flowers and foliage category

<sup>7</sup>Includes cut flowers, potted plants, foliage plants, bedding plants, and indoor decoratives



### California's Top 10 Agricultural Export Markets, 2010

Rank	Country	\$ Value/Millions	Leading Exports (Top 3)
1	Canada	2,901	Lettuce, strawberries, wine
2	European Union	2,286.6	Almonds, wine, pistachios
3	Japan	1,216.1	Rice, almonds, hay
4	China/Hong Kong	1,408.5	Almonds, pistachios, walnuts
5	Mexico	735.9	Dairy and products, seeds for sowing, processed tomatoes
6	South Korea	578.4	Oranges and products, beef and products, rice
7	India	295.8	Almonds, cotton, pistachios
8	United Arab Emirates	344.6	Almonds, hay, walnuts
9	Taiwan	306.2	Rice, beef and products, peaches and nectarines
10	Australia	186.8	Walnuts, table grapes, rice

Source: *California Agricultural Exports, 2010 Report*, Agricultural Issues Center, University of California

### California Share of U.S. Agricultural Exports by Category and Commodity, 2009-2010

Commodity	2009 <sup>1</sup>		2010		Change in California Share of U.S. Exports 2009 to 2010 (Percent)
	Total U.S. Export Value (\$ Millions)	California Share of U.S. Exports (Percent)	Total U.S. Export Value (\$ Millions)	California Share of U.S. Exports (Percent)	
Animal products <sup>2</sup>	10,505	8.1	13,496	10.9	34.5
Field Crops <sup>3</sup>	13,935	15.5	18,226	12.8	-0.2
Fruits and products <sup>4</sup>	5,779	58.8	6,574	60.8	3.5
Tree nuts <sup>5</sup>	3,274	100.0	3,931	100.0	0.0
Vegetables <sup>6</sup>	1,531	57.9	1,656	60.8	5.1
Flowers & nursery <sup>7</sup>	355	23.5	360	24.0	2.2
<b>Total principal commodities</b>	<b>31,749</b>	<b>33.5</b>	<b>39,952</b>	<b>32.1</b>	<b>-2.8</b>
<b>Total other products and mixtures<sup>1</sup></b>	<b>57,866</b>	<b>2.9</b>	<b>64,973</b>	<b>2.9</b>	<b>0.0</b>
<b>All agricultural exports<sup>1</sup></b>	<b>89,615</b>	<b>13.8</b>	<b>104,925</b>	<b>14.0</b>	<b>1.9</b>

<sup>1</sup> Some export values were revised for 2009 based on updated production data from the U.S. Department of Agriculture/National Agricultural Statistics Service.

<sup>2</sup> Dairy and products, beef and products, turkey, eggs, chicken.

<sup>3</sup> Cotton, processed tomatoes, rice, hay, potatoes, wheat, sweet potatoes, cottonseed and byproducts, dry beans, seeds for sowing.

<sup>4</sup> Wine, table grapes, oranges and products, strawberries, blueberries, raisins, dried plums, peaches and nectarines, lemons, grapefruit, plums, cherries, melons, raspberries and blackberries (also mulberries and loganberries), pears, grape juice, apples, kiwi, dates, olives and olive oil, tangerines and mandarins, figs, apricots, avocados.

<sup>5</sup> Almonds, walnuts, pistachios.

<sup>6</sup> Lettuce, broccoli, carrots, fresh tomatoes, celery, onions, cauliflower, garlic, spinach, bell and chili peppers, cabbage, asparagus, artichokes, mushrooms.

<sup>7</sup> Trees, shrubs, vines, bulbs, turf, cut flowers, potted plants, foliage plants, bedding plants and indoor decoratives

Source: California Department of Food and Agriculture Resources

### Selected California Fruit and Nut Products Export Values and Rankings, 2009-2010

2010 Rank	Product	Export Value in Millions \$		% Change in Value 2009-2010
		2009	2010	
1	Almonds <sup>1</sup>	1,923	2,398	24
2	Wine	812	1,007	24
3	Walnuts	666	820	23
4	Pistachios	682	720	5
5	Table Grapes	594	641	8
6	Oranges & products <sup>1</sup>	422	568	34
7	Raisins	286	327	14
8	Strawberries	297	327	10
9	Dried plums	155	174	12
10	Lemons <sup>1</sup>	134	148	11
11	Peaches & nectarines	124	141	14
12	Cherries <sup>1</sup>	92	128	39
13	Raspberries & blackberries <sup>1,2</sup>	87	114	32
14	Plums	55	68	24
15	Mandarins & tangerines	33	40	19
16	Grape juice	41	39	-3
17	Grapefruit	34	35	4
18	Avocados	3	28	711
19	Blueberries	19	26	36
20	Pears	28	26	-8
21	Dates	21	24	14
22	Figs	18	20	17
23	Apples <sup>1</sup>	20	20	4
24	Olives & olive oil	18	15	-15
25	Kiwi	11	14	31
26	Apricots	11	13	21

<sup>1</sup> Export values were revised for 2009 based on updated production data from the U.S. Department of Agriculture/National Agricultural Statistics Service.

<sup>2</sup> Raspberries and blackberries category also includes exports of mulberries and loganberries.

### Selected California Animal, Grain & Vegetable Products Export Values and Rankings, 2009-2010

2010 Rank	Product	Export Value in Millions \$		% Change in Value 2009-2010
		2009	2010	
1	Dairy and products	608	1,143	88
2	Rice	877	797	-9
3	Tomatoes, processed	458	492	8
4	Cotton	257	416	62
5	Lettuce	320	331	3
6	Seeds for sowing	281	310	10
7	Beef and products	206	293	43
8	Hay <sup>1</sup>	178	208	17
9	Broccoli	113	129	14
10	Carrots <sup>2</sup>	112	112	0
11	Onions	72	87	22
12	Flowers & nursery <sup>2</sup>	83	86	4
13	Cauliflower <sup>2</sup>	72	85	18
14	Celery	59	62	4
15	Tomatoes, fresh <sup>2</sup>	60	59	-2
16	Melons	50	55	11
17	Spinach	45	51	14
18	Potatoes	29	32	9
19	Bell & chili peppers	27	30	12
20	Wheat	32	30	-8
21	Garlic	24	29	22
22	Turkey	20	24	23
23	Dry beans	15	20	41
24	Asparagus <sup>2</sup>	13	19	38
25	Sweet potatoes	17	18	5
26	Cotton seed & byproducts <sup>2</sup>	11	16	45
27	Chicken	9	10	6
28	Eggs <sup>2</sup>	6	5	-12

<sup>1</sup> Hay export values for 2009 were revised based on updated estimation methodologies, including the removal of alfalfa seed exports, now included in exports of seeds for sowing.

<sup>2</sup> Export values were revised for 2009 based on updated production data from the U.S. Department of Agriculture/National Agricultural Statistics Service.

## California Fruit and Vegetable Harvest Chart



Source: UC Davis Postharvest Technology Center

Thank you to the following for the  
information contained in this  
presentation:



**University of California**  
Agriculture and Natural Resources

