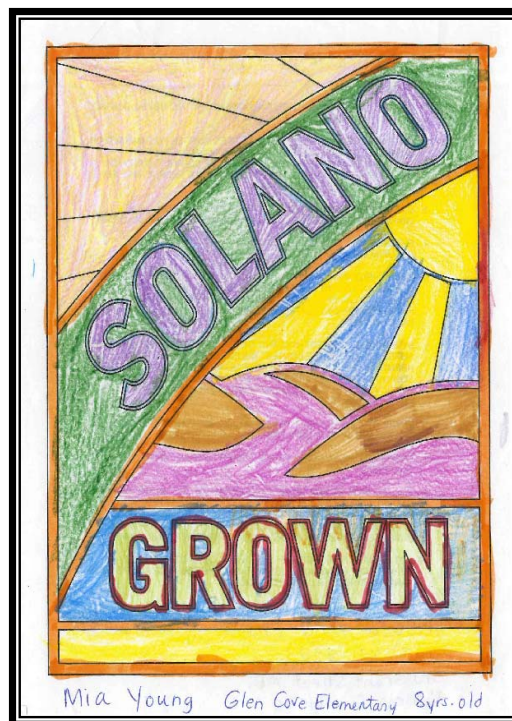


SOLANO COUNTY

2010

CROP AND LIVESTOCK

REPORT



The Solano County Crop & Livestock Report this year features artwork from one of Solano County's Youth Ag Day participants, Mia Young of Vallejo, and is a colorful rendition of the "Solano Grown" logo.

Solano Grown is a countywide branding and marketing organization for Solano County farmers and ranchers launched in October of 2010. The goal of Solano Grown is to market the high quality and fine agricultural products produced in Solano County.

Currently there are 150 ranchers and farmers who are members of Solano Grown, producing over 80 different commodities throughout the 10 regional agricultural areas of Solano County: Western Hills, Green Valley, Suisun Valley, the Pleasants/Vaca/Lagoon Valleys, Dixon Ridge, Winters, Elmira/Main Prairie, Jepson Prairie, Montezuma Hills and Ryer Island.

As Solano Grown continues to develop as a marketing organization it is anticipated each regional area will be highlighted through farm trail maps, publications and regional signs.

Jim Allan
Agricultural Commissioner
Sealer of Weights and Measures



Simone Hardy
Assistant Agricultural Commissioner
Sealer of Weights and Measures

DEPARTMENT OF AGRICULTURE
Agricultural Commissioner/Weights and Measures
501 Texas Street Fairfield, CA 94533
Phone (707) 784-1310 Fax (707) 784-1330

To: Karen Ross, Secretary
California Department of Food and Agriculture

and

The Honorable Board of Supervisors
County of Solano, California

Pursuant to the provisions of Sections 2279 and 2272 of the California Food and Agricultural Code, I am pleased to present the Solano County Crop and Livestock Report for 2010. Also included is the 2010 Sustainable Agriculture Report.

This report is the 61st annual report issued by the Agricultural Commissioner. Just as a diverse portfolio can buffer financial investment during tumultuous times, a diverse agriculture can sustain its value and importance to a community. This past year witnessed major changes within specific commodity groups and crops, but the overall value of our more than 80 crops remained constant.

The gross value of Solano County's agricultural production for 2010 was \$259,398,200, which represents a increase of \$7,475,700 from 2009 values, a rise of nearly 3%. Processing Tomatoes held the number one crop position gained last year with a half million dollar rise to \$36,901,400. The Nursery category continued to suffer, dropping from second rank last year to third this year and posting a total well below half of its historic high. Nut crops and cattle prices did well, Walnuts captured the second post in our top crops, Cattle and Calves moved up to fourth.

Solano County farmers and ranchers continued to produce over 80 different crops and commodities in 2010. Twenty-one of those crops exceeded \$1,000,000 in value with Cucumbers entering the million dollar club and Dried Beans leaving it. Alfalfa, Milk, Sheep and Lambs all retained their relative values while Wine Grapes lost value and Field Corn totals nearly doubled; Almonds continued a multiyear, steady increase.

I would like to express my sincere appreciation to all of the farmers, ranchers, boards, commissions, and agencies who contributed vital data without which this report would not be possible. Special recognition is given to my staff for their dedication to compiling and producing the 2010 Solano County Crop and Livestock Report.

To see this or any of the previous crop reports online or to learn more about the services provided and programs of the Solano County Department of Agriculture and Weights and Measures, visit our website at www.solanocounty.com/ag.

Respectfully submitted,

Jim Allan
Agricultural Commissioner/Sealer of Weights and Measures

Solano County
Board of Supervisors

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LINDA SEIFERT, VICE-CHAIR, DISTRICT 2
JIM SPERING, DISTRICT 3
JOHN VASQUEZ, DISTRICT 4
MIKE REAGAN, CHAIR, DISTRICT 5

County Administrative
Officer

MICHAEL D. JOHNSON

Agriculture Dept Staff
Agricultural Commissioner/
Sealer of Weights & Measures
JIM ALLAN

Assistant Agricultural Commissioner/
Sealer of Weights & Measures
SIMONE HARDY

Deputy Agricultural Commissioner/
Sealer of Weights & Measures
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Sr Agricultural Biologist/Weights & Measures Inspectors

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Agricultural Biologist/Weights & Measures Inspectors

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MARK DANIELS JR.
THEA NOTHAFT

Office Supervisor
ANN MCKAY

Office Assistants
SANDRA CULBERTSON
SUKI LAFORGA
MARIE RENAUD

GENERAL INFORMATION

POPULATION

Solano County Population = 414,509 (Jan 1, 2011 CA Dept of Finance)

Benicia 27,118	Dixon 18,435	Fairfield 104,815	Rio Vista 7,433
Suisun 28,212	Vacaville 93,011	Vallejo 116,508	Unincorporated 18,977

SOLANO COUNTY STATE RANKING

By Gross Value of Agricultural Production = 27th (2009)
For Leading Commodities - Gross Values of Production 2009:

2nd - Hay, Sudan
2nd - Sheep & Lambs
5th - Grain Hay

AREA

California Total Land Area 2007 (Acres)	99,689,515
California Agricultural Land 2007 (Acres)	25,400,000
County (Square Miles-Land 2008)	826.66
County (Acres-Land 2008)	529,060
County (Acres-Urban & Built-up Land 2008)	59,157
County (Square Miles-Water 2008)	83.30
County (Acres-Water 2008)	53,311

FARM SIZE

Average US Size (Acres 2010)	418
Average California Size (Acres 2010)	311
Average Solano County (Acres 2007)	403
Number of Full-time Farms in Solano County (2007)	470

Total Secured Assessed Property Value (2010)
\$36,596,466,284

SOLANO COUNTY FARMING REGIONS

Dixon Ridge Elmira/Main Prairie Green Valley	Jepson Prairie Montezuma Hills Pleasants/Vaca/Lagoon Valleys Ryer Island	Suisun Valley Western Hills Winters
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SOLANO COUNTY TRANSPORTATION

Total Road Miles = 586 (December 31, 2010)
Paved Road Miles 469
Gravel Road Miles 117

BRIDGES
92

MAJOR ROADWAYS
Interstates 80, 505, 680, 780
Hwys 12, 29, 37, 84, 113, 220

RAILROADS
Amtrak, Union Pacific
California Northern

SOLANO COUNTY FACILITIES

Travis Air Force Base, University of California at Davis,
Nut Tree Airport, California Maritime Academy

**GRAND TOTAL OF ALL
AGRICULTURAL PRODUCTS
(U S D O L L A R S)**

2010 \$259,398,200
2009 \$251,922,500

V A L U E S U M M A R Y

Year	Field Crops	Nursery	Fruit & Nut Crops	Seed Crops Crops	Vegetable Crops	Animal Production	Year Totals
2001	48,209,300	37,668,100	26,634,100	4,897,700	33,079,600	35,181,700	185,670,500
2002	47,901,800	38,781,200	25,974,800	5,739,700	37,155,000	43,933,000	199,485,500
2003	43,945,500	42,373,400	26,518,000	5,326,600	35,663,700	60,295,600	214,122,800
2004	50,423,200	43,645,000	29,285,900	7,114,600	36,903,400	45,207,100	212,579,200
2005	52,812,700	50,018,000	37,918,500	10,533,500	36,505,000	50,901,900	238,689,600
2006	46,945,500	47,856,000	39,964,300	9,987,600	40,899,400	47,852,200	233,505,000
2007	54,811,900	56,610,700	43,430,000	10,820,900	47,762,100	54,819,600	268,255,200
2008	89,365,400	43,056,300	44,036,600	10,827,900	55,623,500	*49,873,200	*292,782,900
2009	50,073,100	33,499,400	48,191,200	15,859,200	64,184,200	40,115,400	251,922,500
2010	57,071,600	23,352,000	54,873,900	14,391,300	63,698,300	46,011,100	259,398,200

*Revised 2008 Figure

**MILLION DOLLAR CROPS
Top Ten**

	D o l l a r A m o u n t s	RANKING	
		2010	2009
Tomatoes, Processing	36,901,400	1	1
Walnuts	31,161,700	2	3
Nursery Products	23,352,000	3	2
Cattle & Calves	22,608,000	4	5
Alfalfa	19,742,700	5	4
Milk, Market	13,383,000	6	8
Corn, Field	9,965,200	7	11
Grapes, Wine	9,274,800	8	6
Almonds	8,468,100	9	9
Sheep & Lambs	6,355,600	10	10

ACREAGE, PRODUCTION & VALUE

Fruit and Nut Crops

Crop	Year	Bearing Acres	Per Acre	Total	Unit	Per Unit	Total Value (\$)
Almonds - Meats	2010	3,132	0.75	2,349.00	Ton	3,605	8,468,100
	2009	3,322	0.78	2,591.20	Ton	2,971	7,698,300
Apples ^{1,4}	2010	146	12.99	1896.54	Ton	305	578,400
Apricots ⁴	2010	54	2.02	109.08	Ton	967	105,500
	2009	51	2.05	104.60	Ton	979	102,400
Cherries ⁴ Fresh Market	2010	75	0.35	26.25	Ton	2,149	56,400
	2009	76	2.30	174.80	Ton	2,149	377,800
Grapes, Wine ²	Dark Varieties	2010	-	4,765.10	Ton	829	3,950,300
		2009	-	5,481.10	Ton	898	4,922,000
	White Varieties	2010	-	8,874.10	Ton	600	5,324,500
		2009	-	11,766.00	Ton	617	7,259,600
	Total Grapes	2010	3,615	13,639.20	Ton	-	9,274,800
		2009	3,731	17,607.10	Ton	-	12,181,600
Olives ³	2010	118	1.37	161.66	Ton	1,720	278,100
	2009	115	0.68	78.20	Ton	2,473	193,400
Peaches ⁴	2010	98	1.51	147.98	Ton	1,196	177,000
	2009	140	1.22	170.80	Ton	1,550	264,700
Persimmons ^{1,4}	2010	18	1.67	30.06	Ton	2,203	66,200
Prunes (Dried Plums)	2010	1,055	2.39	2,521.45	Ton	1,194	3,010,600
	2009	1,153	2.91	3,355.20	Ton	1,244	4,173,900
Strawberries	2010	24	-	-	Flat	17	218,700
	2009	27	-	-	Flat	17	183,600
Walnuts	2010	8,534	1.96	16,726.64	Ton	1,863	31,161,700
	2009	8,027	1.68	13,485.40	Ton	1,563	21,077,600
Misc Fruit & Nuts ⁵	2010	531	-	-	-	-	1,478,400
	2009	732	-	-	-	-	1,937,900
TOTAL FRUIT & NUT CROPS	2010	17,400					\$54,873,900
	2009	17,374					\$48,191,200

Figures may not add due to rounding

¹Previously reported in misc fruits & nuts

²Production data from California Dept of Food & Agriculture Grape Crush Report, Final 2009 Crop Report

³Price based on oil value

⁴Includes acreage not harvested or sold

⁵Includes almond hulls, blackberries, citrus, figs, kiwi, nectarines, pears, pistachios, plums, table grapes, etc.

ACREAGE, PRODUCTION & VALUE

Field Crops

Crop		Year	Harvested Acres	Per Acre	Total	Unit	Per Unit	Total Value (\$)
Beans, Dry	Edible, all classes	2010	1,060	1.14	1,208	Ton	765.76	925,300
		2009	1,642	1.11	1,823	Ton	830.70	1,514,100
Corn, Field		2010	11,173	5.37	60,000	Ton	166.09	9,965,200
		2009	7,104	5.26	37,366	Ton	151.75	5,670,300
Hay	Alfalfa	2010	27,121	5.75	155,946	Ton	127.00	19,742,700
		2009	31,438	6.25	196,493	Ton	104.00	20,443,100
	Grain	2010	2,647	3.87	10,244	Ton	78.98	809,100
		2009	2,849	2.83	8,063	Ton	64.52	520,200
	Grass	2010	1,802	2.98	5,370	Ton	77.05	413,800
		2009	2,659	3.27	8,695	Ton	71.30	619,900
Pasture, Irrigated ¹		2010	36,709	-	-	Acre	84.65	3,107,400
		2009	24,197	-	-	Acre	87.20	2,110,000
Pasture, Rangeland ²		2010	167,809	-	-	Acre	15.98	2,681,600
		2009	180,321	-	-	Acre	20.59	3,712,800
Ryegrass		2010	6,573	2.65	17,418	Ton	71.56	1,246,500
		2009	9,051	2.98	26,973	Ton	82.07	2,213,700
Safflower, Oil		2010	3,222	0.85	2,739	Ton	302.92	829,600
		2009	1,680	1.17	1,966	Ton	317.33	623,800
Sudangrass		2010	10,055	3.95	37,717	Ton	156.19	6,203,400
		2009	5,024	3.38	16,981	Ton	146.69	2,491,000
Triticale	Grain	2010	1,820	2.02	3,676	Ton	131.89	484,900
		2009	1,655	3.17	5,248	Ton	146.49	768,800
	Hay ³	2010	-	-	-	-	-	-
		2009	364	3.06	1,114	Ton	120.00	133,700
Wheat	Irrigated	2010	10,919	2.71	29,590	Ton	166.21	4,918,200
		2009	11,575	2.60	30,096	Ton	164.54	4,952,000
	Dryland	2010	14,825	2.09	30,984	Ton	153.45	4,754,500
		2009	13,566	1.42	19,264	Ton	154.05	2,967,600
Misc Field Crops ⁴		2010	8,554	-	-	-	-	989,400
		2009	2,675	-	-	-	-	1,332,100
TOTAL FIELD CROPS		2010	304,289					\$57,071,600
		2009	295,800					\$50,073,100

Figures may not add due to rounding

¹Acreage data source-2010 Restricted Material Permit Program

²Calculated using data from CA Dept of Conservation 2006-2008 Land Use Conversion Report

³Included in misc field crops

⁴Includes barley, silage, oat grain, sorghum grain, soybean, triticale hay, wheat hay, straw

ACREAGE, PRODUCTION & VALUE Vegetable Crops

Crop	Year	Harvested Acres	Per Acre	Total	Unit	Per Unit	Total Value (\$)
Tomatoes, Processing	2010	11,000	49.78	547,600	Ton	67.39	36,901,400
	2009	12,000	40.80	489,600	Ton	80.54	39,432,400
Misc. Vegetables	Processing ¹	2010	1,046	-	-	-	3,900,800
		2009	924	-	-	-	3,200,000
	Fresh ²	2010	1,511	-	-	-	22,896,100
		2009	1,635	-	-	-	21,551,800
TOTAL	2010	13,557					\$63,698,300
VEGETABLE CROPS	2009	14,559					\$64,184,200

¹Includes cabbage, cucumber (pickling), peppers

²Includes beans, beets, brassicas, carrots, cucumber, endive, garlic, herbs, leafy greens, melons, mushrooms, onions, peas, peppers, potatoes, pumpkins, salad greens, sprouts, squash, sweet corn, tomatillo, tomatoes, etc.

ACREAGE, PRODUCTION & VALUE Seed Crops

	Crop	Year	Harvested Acres	Per Acre	Total	Unit	Per Unit	Total Value (\$)	
Cucumber		2010	496	242	120,121	Lb	9.95	1,195,000	
		2009	221	98	21,658	Lb	12.87	278,700	
Sunflower ¹	Non-Certified	2010	2,254	1454	3,276,662	Lb	0.86	2,817,900	
		2009	1,811	1120	2,028,320	Lb	1.27	2,580,300	
	Certified	2010	3,757	1652	6,206,714	Lb	0.81	5,027,400	
		2009	7,628	1180	9,001,040	Lb	1.20	10,801,900	
	Total Sunflower	2010	6,011					7,845,300	
		2009	9,439					13,382,200	
	Wheat	Certified	2010	1,338	3.0	4,014	Ton	180.00	722,500
			2009	142	3.0	426	Ton	180.00	76,700
Misc Seed ²		2010	2,584	-	-	-	-	4,628,500	
		2009	1,462	-	-	-	-	2,121,600	
TOTAL		2010	10,429					\$14,391,300	
SEED CROPS		2009	11,264					\$15,859,200	

Some figures may not add due to rounding

¹Sunflower previously reported as Tons in 2009, converted to Lb.

²Includes beans, cabbage, carrot, cauliflower, corn, grass seed, melon, onion, peas, pepper, safflower, sorghum, squash, watermelon.

ACREAGE & VALUE Nursery Products

Item	Year	Acreage	Total
Nursery Stock ¹	2010	1273	23,352,000
	2009	1015	30,928,800
Propagative Stock ²	2010	-	-
	2009	208	2,570,600
TOTAL	2010	1273	\$23,352,000
NURSERY STOCK	2009	1223	\$33,499,400

¹Includes bedding plants, Christmas trees, cut flowers, fruit trees, greenhouse transplants, grapevine cuttings, herbaceous perennials, rootstock, turf and woody ornamentals

²Propagative Stock included in Nursery Stock for 2010. 2009 Propagative Stock includes grapevine cuttings and rootstock.

PRODUCTION & VALUE

Livestock & Poultry

Item	Year	Number of Head	Total Liveweight	Unit	Unit Value	Total Value (\$)
Cattle & Calves ¹	2010	30,640	220,019	Cwt	102.75	22,608,000
	2009	30,870	226,089	Cwt	87.62	19,810,100
Sheep & Lambs ²	2010	32,696	62,346	Cwt	101.94	6,355,600
	2009	35,342	66,667	Cwt	95.81	6,387,400
Miscellaneous ³	2010	-	-	-	-	1,410,200
	2009	-	-	-	-	1,387,500
TOTAL LIVESTOCK & POULTRY	2010					\$30,373,800
	2009					\$27,585,000

¹Includes beef stocker gain, dairy calves, dairy yearlings, dairy replacement heifers and dairy cull cows

²Includes feeder lamb gain

³Includes hogs, goats, poultry (chickens, broilers and eggs) and rabbits

PRODUCTS AND VALUE

Livestock, Poultry, & Apiary

Item	Year	Production	Unit	Unit Value	Total Value (\$)
Bees	Pollination ¹	2010	Colony	61.39	1,308,400
		2009	Colony	59.52	1,521,800
	Apiary Products ²	2010	-	-	469,500
		2009	-	-	350,400
Milk	Market	2010	Cwt	15.44	13,383,000
		2009	Cwt	11.95	10,175,100
	Manufactured	2010	-	-	-
		2009	Cwt	12.09	96,000
Wool	2010	342,700	Lb	1.39	476,400
	2009	425,365	Lb	0.91	387,100
TOTAL LIVESTOCK, POULTRY & APIARY	2010				\$15,637,300
	2009				\$12,530,400

¹Values based on pollinated acres and number of colonies used for adequate pollination. Pollination fee varies by crop. (Crops pollinated include almond, apple, cherry, kiwi, prune, sunflower and vine seed)

²Apiary products include bee packages, honey, queens and wax

SUSTAINABLE AGRICULTURE REPORT

Pest Prevention, Exclusion and Detection (Inspection & Survey)

Light Brown Apple Moth 2010

LBAM Moths Found: 99 male
moths in 72 traps
New Quarantine Areas
Established 4

Quarantine Areas Expanded 3

Number of Quarantine Areas 7

European Grape Vine Moth 2010

EGVM Moths Found 11 male
moths in 11 traps

First EGVM Moth Found
4/19/2010

Last EGVM Moth Found
6/23/2010

Compliance Agreements
Issued 70

Export Statistics

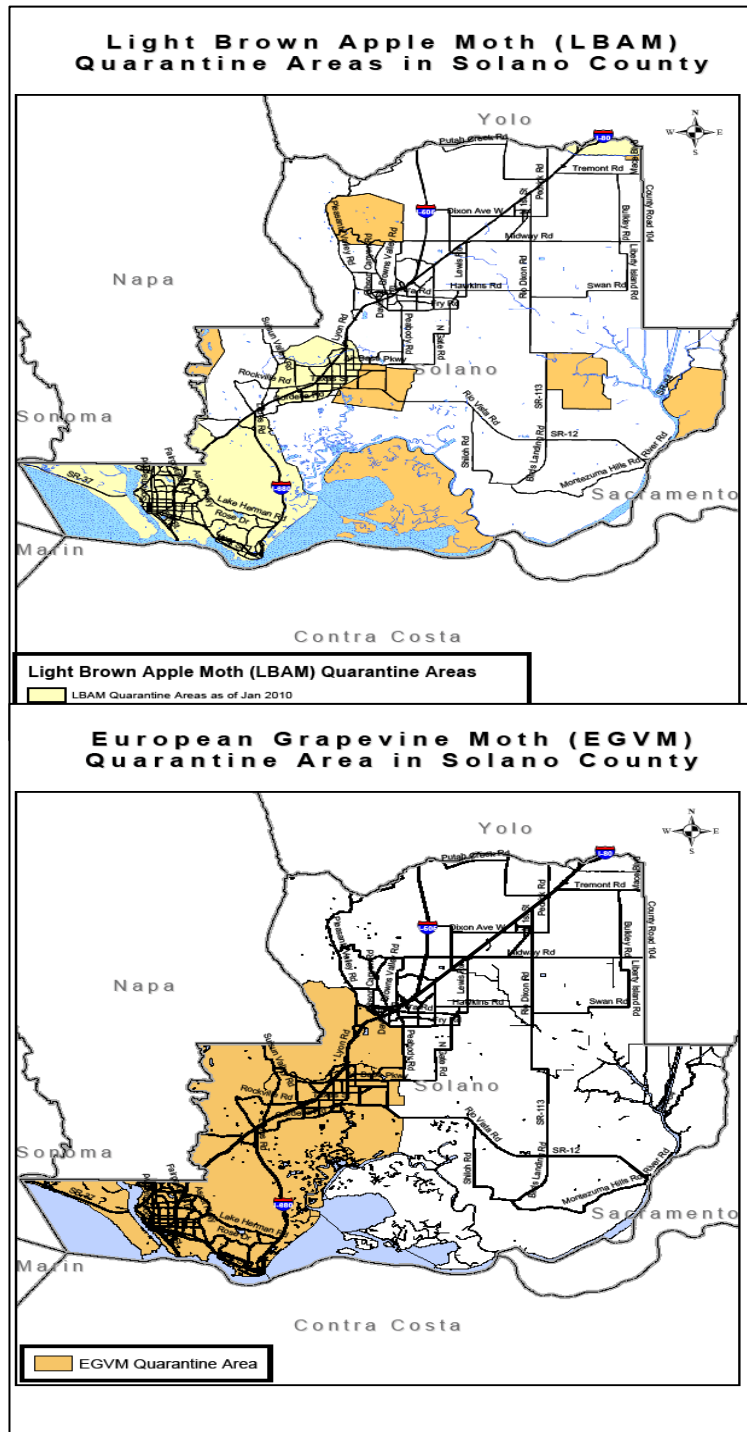
Export (International, Raw
Agricultural) - 1,314 Federal
Phytosanitary Certificates

Interstate, and Intrastate State
Quarantine Compliance - 206
Phytosanitary Certificates

Seed for Export - 8,412 acres
of seed crops and 693
phytosanitary field inspections

Organic Farming Statistics*

32 farms comprising
approximately 1,926 acres with
an approximate value of
\$7,768,204



*(almonds, beans, beets, cole crops, carrots, citrus, corn, cut flowers, eggplant, eggs, endive, fig, herbs, kiwi, leaf greens, melons, mushrooms, nursery plants, olives, onions, peppers, persimmons, pistachios, pome fruits, squash, stone fruits, strawberries, table grapes, tomatoes, walnuts, wine grapes, etc.)