Report to Congress:
Specialty Crop Report

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The Risk Management Agency Administers
And Oversees All Programs Authorized Under
The Federal Crop Insurance Corporation

What Are Specialty Crops

There are many definitions of specialty crops and most are similar but there is no single definition used throughout the industry. For the purposes of this report, the Specialty Crops Competitiveness Act of 2004 defines specialty crops as "fruits and vegetables, tree nuts, dried fruits and nursery crops (including floriculture)". This definition was further refined in the Food, Conservation and Energy Act of 2008 by the inclusion of "horticulture and" in front of the word "nursery" in the SCCA definition.

Even this definition has some ambiguity because the term "horticulture" in the broadest sense is the art and science of plant cultivation, which could include all crops. However, most definitions of horticulture are restricted to the science and art of growing fruits, vegetables, flowers, or ornamental plants. We will use this more restrictive definition for this report. The term "floriculture" includes crops such as bedding and garden plants, foliage plants, potted flowering plants, cut flowers, and cut cultivated greens.

These definitions delineate specialty crops from other traditional agricultural row-crops such as corn, soybeans, and wheat. The United States Department of Agriculture (USDA) Agricultural Marketing Service (AMS) has a list (AMS Specialty Crops) of over 300 specialty crops. This list includes 46 fruits and tree nuts, 49 vegetables, 109 culinary and medicinal herbs, and 117 floriculture and nursery crops. This list is quite extensive, but certainly not all-encompassing.

Specialty Crop Insurance

The USDA Census of Agriculture recently released a report on specialty crops (Ag Census Reports) that indicates there are slightly more than 14 million acres of specialty crops in the US. This total includes approximately 1.4 million acres of nursery, Christmas trees, and short rotation woody crops, which will be discussed separately. The remaining 12.6 million acres of specialty crop consists of fruit and nut orchards, berries, vegetables, and pulse crops. The Federal Crop Insurance Corporation (FCIC) already offers crop insurance programs for a large portion of these crops. Table 1 lists the current specialty crops that are covered under FCIC programs and their 2014 insured acres, along with the total U.S. acreage reported by USDA National Statistics Service (NASS). In some instances (for example dry peas), the FCIC insured acreage is higher than the NASS acreage and the percent insured is greater than 100 percent. NASS acreage values are derived from a statistical survey and in some very limited instances may not fully represent the actual total. There are 38 specialty crops reported by NASS; however, some crops such as citrus include many citrus types such as oranges, grapefruit, lemons, limes, mandarins/tangerines, tangelos, and tangors. The total acreage of these 38 specialty crops

reported by NASS is just under 10.7 million acres. The total acreage of these 38 specialty crops that were insured for the 2014 crop year, was just over 7.7 million acres or 72.5 percent

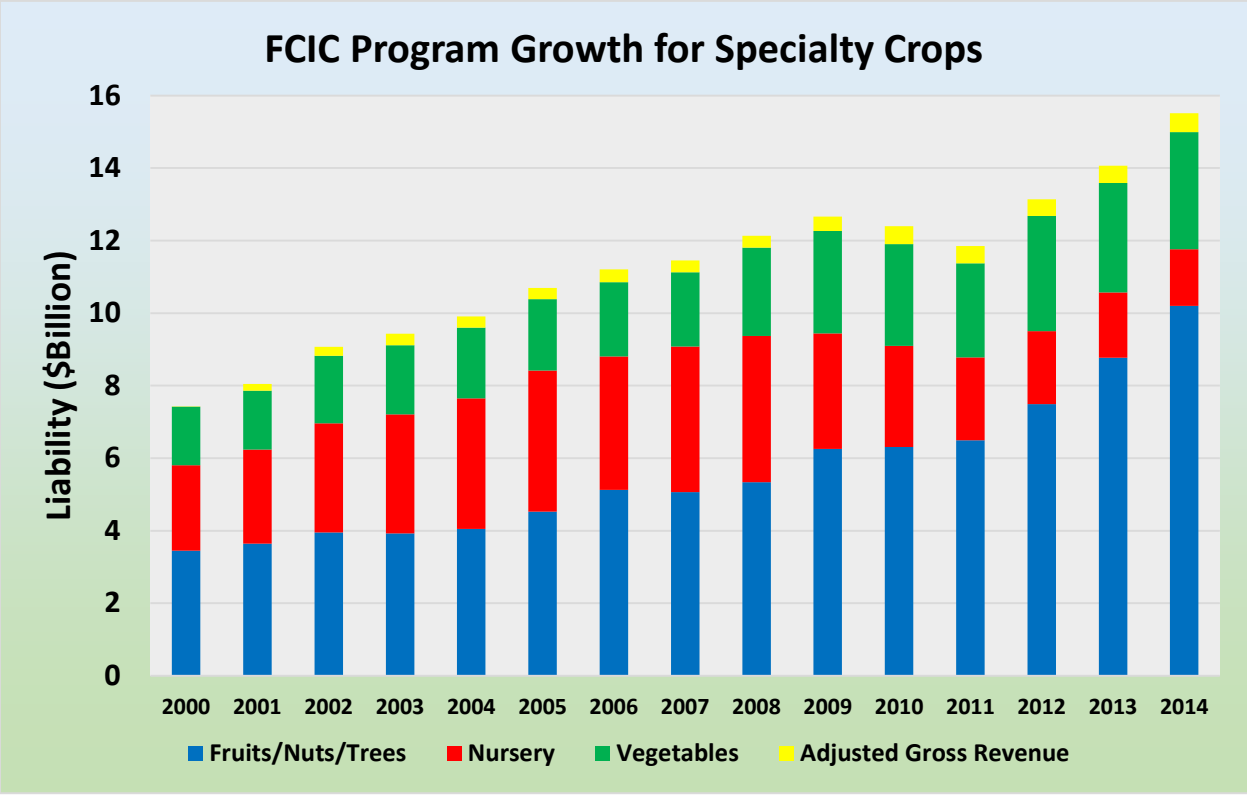
Table 1 Insured Specialty Crop Acreage

Number	Specialty Crop	FCIC Insured Acres	NASS Acres	Percent Insured
1	Almonds	720,869	860,000	83.8%
2	Apples	246,537	327,380	75.3%
3	Apricots	3,374	10,840	31.1%
4	Avocados	38,148	59,600	64.0%
5	Beans, fresh	3,298	72,900	4.5%
6	Blueberries	65,930	104,030	63.4%
7	Cabbage	14,082	65,300	21.6%
8	Cherries	88,760	127,950	69.4%
9	Chile Peppers	2,122	19,900	10.7%
10	Citrus Fruit	654,897	782,300	83.7%
11	Cranberries	32,091	40,500	79.2%
12	Cucumbers	19,833	79,980	24.8%
13	Dry Beans	1,353,174	1,718,900	78.7%
14	Dry Peas	1,333,232	1,247,000	106.9%
15	Figs	4,075	7,200	56.6%
16	Grapes/Raisins	604,870	939,600	64.4%
17	Green Peas	141,404	195,700	72.3%
18	Macadamia Nuts	11,933	16,000	74.6%
19	Mint	24,577	82,400	29.8%
20	Nectarines	16,637	22,600	73.6%
21	Olives	25,634	40,000	64.1%
22	Onions	110,846	139,150	79.7%
23	Peaches	71,858	102,750	69.9%
24	Pears	33,410	49,300	67.8%
25	Pecans	166,725	378,654	44.0%
26	Peppers	6,023	47,800	12.6%
27	Pistachios	92,180	215,000	42.9%
28	Plums/Prunes	60,216	68,500	87.9%
29	Potatoes	866,334	1,052,330	82.3%
30	Processing Beans	53,174	164,060	32.4%
31	Pumpkins	5,955	51,300	11.6%
32	Strawberries	26	59,895	0.0%
33	Sweet Corn	275,344	554,970	49.6%
34	Sweet Potatoes	6,491	137,300	4.7%
35	Table Grapes	81,477	110,000	74.1%
36	Tomatoes	340,226	411,600	82.7%
37	Tropical Fruit	4,120	10,400	39.6%
38	Walnuts	148,435	290,000	51.2%
	Total	7,728,317	10,663,089	72.5%

participation (51,719 policies).

The FCIC Nursery program does not insure by acre but by the total plant inventory value. Consequently, participation can't be determined comparing insured acres to total U.S. acreage. The USDA Census Specialty Crop Report indicates that there was approximately $19.3 billion of nursery in the U.S. in 2014. About $3.6 billion of that total is for items that are not insurable under the current nursery program, such as: flower bulbs, mushrooms, and sod. That leaves about $15.7 billion worth of nursery that could potentially be insured. In 2014, the crop insurance liability for nursery crops was just under $1.6 billion which is only about 10 percent of the total crop value. However, most of the nursery growers select a catastrophic level of coverage which offers 50 percent yield protection at 55 percent of the price, which is 27.5 percent of the crop value. So, about $5.8 billion of the nursery crop has insurance (about 36.9 percent participation), however, at a low level of coverage.

The total insured liability for specialty crops has grown steadily over the past 15 years (Chart 1) and in 2014 totaled more than $15 billion. Approximately 87 percent of the liability is in fruits, nuts, and vegetables. The liability for nursery crops has decreased over the past few years for several reasons. A downturn in the housing industry caused nursery sales to also be depressed. Most nursery operations have hundreds of varieties of plants in different size containers that all must be valued in the plant inventory value report. Some of the large nurseries can have plant inventories exceeding several million dollars resulting in costly premiums, and many plants are grown in controlled environment Greenhouses and thus have limited risk of loss to natural disasters.



The Adjusted Gross Revenue (AGR) insurance plan offers protection against low revenue. The AGR program determines liability from Internal Revenue Service (IRS) form Schedule F for farm revenue. Many crops are listed in the AGR insurance plan; however, there is a catchall category for "all other crops" that essentially means that revenue from any specialty crop captured on form Schedule F could potentially be insured. Participation in the AGR program has remained relatively low compared to other specialty crop programs with liability generally at or below $500 million. For the 2015 crop year, the AGR program was converted to the Whole-Farm Revenue Protection (WFRP) plan of insurance. Following a meeting with several specialty crop growers and representatives, several improvements were incorporated into the new WFRP, including higher liability limits, higher coverage levels, allowances for expanding operations, increased premium subsidy, and the availability of replant payments.

New Product Development Process

There are two primary pathways for development of new crop insurance programs. First, the Federal Crop Insurance Act (Act) in section 523 grants authority to the FCIC to develop and conduct a pilot program to evaluate whether a new risk management tool tested by the pilot program is suitable for the marketplace and addresses the needs of producers. Second, section 508(h) of the Act allows private individuals to submit new programs to the FCIC Board of Directors (Board) and to be reimbursed for their research and development efforts.

New products developed through either pathway must first go to the Board for approval. Prior to making a determination on implementation, the Board sends the proposals out to independent expert reviewers to evaluate and provide comments on the viability of the programs. If the Board then determines that the program will result in a marketable product with actuarially sound premium rates, the Board can then approve the program for implementation.

Over the past four years, several new crop insurance programs have been developed and many have been for specialty crops. Private submissions through the 508(h) process have resulted in 6 new specialty crop products. There have been 5 new specialty crop programs developed through FCIC pilot program authority. A feasibility study for an insurance program for pomegranates was conducted in 2013 which indicated that there was a lack of sufficient data for rating and pricing along with limited interest from the pomegranate growers. Consequently, no further action was taken to develop a pomegranate insurance program.

Private submissions through 508(h):

2011 Fresh Market Beans – The Fresh Market Bean program provides yield-based coverage for selected counties in New York, North Carolina, and Virginia. Spring-planted and fall-planted beans are insurable. In 2014, there were 23 policies on 3,298 acres.

2011 Sweet Potatoes – The Sweet Potato program provides yield-based coverage for 7 counties in Louisiana. Coverage is available for fresh, processing (canning), and dedicated processing sweet potatoes that are sold to make several frozen products such as sweet potato fries. There is also an option available for limited coverage that insures against damage that is discovered during storage. In 2014, there were 6 policies on 682 acres.

2012 Texas Citrus Trees – This policy provides coverage for loss or damage to the trees, not the fruit. Fruit coverage was already available through a separate policy. Coverage is available for grapefruit, orange, and tangerine trees in three counties in Texas. In 2014, there were 505 policies, acres are not recorded on this policy because it is based on the number of trees.

2012 Olives – The Olive program provides yield-based coverage for 13 counties in California. Coverage is available for table olives and oil olives. In 2014 there were 462 policies on 25,634 acres.

2013 Dry Bean/Dry Pea Revenue – This program provides coverage for loss of crop revenue from either yield loss or a decline in price or both. Dry Bean coverage is available in Michigan, Minnesota, and North Dakota while Dry Pea coverage is available in Idaho, Montana, North Dakota, and Washington. In 2014, there were a total of 4,407 policies on 1,260,303 acres.

2014 Machine Harvested Pickling Cucumbers – Coverage is provided for Machine Harvested Pickling Cucumbers and not hand-harvested or fresh production. The states where coverage is available are Delaware, Illinois, Indiana, Maryland, Michigan, North Carolina, and Texas. In 2014 there were 68 policies on 21,661 acres.

FCIC Submissions:

2011 Actual Revenue History (ARH) Citrus – The ARH plan of insurance offers coverage based on the producers average crop revenue. The ARH Citrus program is available for navel oranges in 4 counties in California. In 2014, there were 173 policies on 9,568 acres.

2011 Quarantine Endorsement – The Quarantine Endorsement offers coverage to citrus in California and avocados in California and Arizona. In order for an indemnity to be paid, a quarantine must be established by the local or federal government and the fruit must deteriorate to the point it is no longer marketable or it must be ordered to be destroyed. In 2014, there were 1,872 policies on 82,389 acres.

2012 Pistachios – The Pistachio program offers yield-based coverage in Arizona, California, and New Mexico. This program was developed about the same time at the private submission for Olives. Both crops exhibit an alternate bearing tendency to produce a relative large crop followed by a small crop (referred to as on and off years respectively). Both programs also share a similar method to calculate the insured guarantee in order to not over pay indemnities in an expected off year. In 2014, there were 441 policies on 92,172 acres.

2012 ARH Strawberries – The ARH Strawberry program offers revenue coverage for 6 counties in California. In 2014 there was 1 policy on 26 acres. Efforts are in progress to work with grower groups to determine why participation is low and make any changes as needed.

2014 ARH Tart Cherries – The ARH Tart Cherry program offers revenue coverage in Michigan, New York, Washington, and Wisconsin. In 2014, there were 128 policies on 16,434 acres.

Looking Ahead

Table 2 lists specialty crops with planted acres and crop values from current NASS reports or the 2012 USDA Census of Agriculture. Crops highlighted in yellow indicate that there is no current insurance program available. Crops with an asterisk indicate that only acreage was available from the Census and no crop value information was available.

This list is frequently updated and ranked in descending order of crop value to determine which crops might be viable candidates for new product development. Most of the uninsured crops at the top of the list, such as: lettuce, broccoli, carrots, and many other vegetables have been previously investigated for the feasibility of new program development. Growers of many of these commodities have requested that crop insurance programs not be developed for various reasons. California produces many of these crops where yield risk has been low due to irrigation and limited freeze. Growers have also commented that many of these crops are planted and harvested multiple times during a year, and even if an event causes a total crop loss of one planting there are additional plantings that can make up for that loss. Growers have also been very concerned that the introduction of crop insurance could provide an incentive for rapid expansion of the crop which could potentially disrupt markets and drive prices down.

Some of the specialty crop growers who previously have not been interested in crop insurance are starting to reconsider since revenue coverage has become available. Safeguards have also been implemented in the crop policies that do not offer coverage on more than a 10 to 20 percent increase over the acreage that has been previously planted. This helps alleviate the concern about rapid expansion and market disruptions.

Recent discussions with grower associations indicate that there is interest in the ARH programs, but that they would like to see how this plan of insurance develops over time before starting a program for their crops. The ARH program is currently available for sweet and tart cherries, citrus, and strawberries. We plan to continue discussions with the vegetable growers and when they are ready to proceed initiate research and development efforts. An insurance plan for lettuce, broccoli, and carrots alone would potentially cover half a million acres and nearly $4 billion in crop value.

Table 2 Specialty Crops

Crop	Planted Acres	Crop Value
Almonds	860,000	$ 6,464,500,000
Grapes	1,046,600	$ 5,758,390,000
Apples	327,380	$ 2,963,981,000
Strawberries	59,895	$ 2,865,432,000
Tomatoes	411,600	$ 2,459,948,000
Lettuce	262,800	$ 2,409,572,000
Oranges	595,700	$ 1,960,080,000
Walnuts	290,000	$ 1,825,320,000
Pistachios	215,000	$ 1,290,140,000
Corn, sweet	554,970	$ 1,022,062,000
Dry Beans	1,718,000	$ 949,747,000
Onions	139,150	$ 933,630,000
Blueberries	104,030	$ 875,105,000
Broccoli	129,400	$ 836,481,000
Cherries, Sweet	90,000	$ 806,095,000
Carrots	75,500	$ 671,656,000
Lemons	54,500	$ 647,737,000
Peppers, bell	47,800	$ 618,185,000
Peaches	102,750	$ 616,473,000
Tangerines/mandarins	58,400	$ 543,435,000
Pecans	378,645	$ 507,990,000
Pears	49,300	$ 457,833,000
Cabbage	65,300	$ 455,098,000
Watermelons	120,000	$ 431,184,000
Beans, snap	236,960	$ 392,711,000
Raspberries	18,050	$ 388,545,000
Dry Peas	1,247,000	$ 359,361,000
Avocados	59,600	$ 358,837,000
Cauliflower	38,300	$ 351,191,000
Cucumbers	119,480	$ 343,672,000
Cantaloupes	64,510	$ 327,934,000
Celery	29,600	$ 307,276,000
Cranberries	40,500	$ 266,173,000
Spinach	47,640	$ 259,700,000
Garlic	24,000	$ 258,981,000
Grapefruit	70,100	$ 231,897,000
Peppers, chile	19,900	$ 216,107,000
Prunes	48,000	$ 209,000,000
Squash	40,050	$ 191,532,000
Nectarines	22,600	$ 181,580,000
Pumpkins	51,300	$ 145,154,000
Peas, green	195,700	$ 133,261,000
Hazelnuts	30,000	$ 129,600,000
Plums	18,000	$ 115,760,000
Cherries, Tart	37,950	$ 105,438,000

Crop	Planted Acres	Crop Value
Honeydews	14,500	$ 88,649,000
Asparagus	25,800	$ 73,441,000
Olives	40,000	$ 66,299,000
Artichokes	7,300	$ 55,517,000
Coffee	7,900	$ 54,270,000
Apricots	10,840	$ 52,513,000
Blackberries	6,100	$ 43,197,000
Dates	8,200	$ 38,700,000
Macadamia	16,000	$ 34,800,000
Kiwifruit	3,900	$ 32,595,000
Beans, lima	28,280	$ 29,236,000
Figs	7,200	$ 21,941,000
Bananas	900	$ 13,050,000
Tangelos	3,600	$ 9,839,000
Papayas	1,300	$ 8,316,000
Boysenberries	500	$ 3,034,000
Guavas	100	$ 357,000
Pomegranate *	32,887	N/A
Hops *	29,683	N/A
Collards/Kale *	18,798	N/A
Radish *	14,867	N/A
Beets *	12,933	N/A
Brussels Sprouts *	7,569	N/A
Eggplant *	5,004	N/A
Persimmon *	4,968	N/A
Parsley *	4,661	N/A
Turnip *	4,285	N/A
Chestnuts *	3,784	N/A
Plumcots/Pluots *	3,317	N/A
Horseradish *	3,195	N/A
Okra *	2,377	N/A
Endive *	2,030	N/A
Guava *	1,733	N/A
Rhubarb *	1,121	N/A
Passion Fruit *	125	N/A
Total Acreage	10,551,717	
Uninsured Acreage	1,099,587	

* 2012 Agricultural Census

Besides the uninsured vegetable crops that are not yet interested in a crop insurance program, the next largest crops are possible candidates for program development. Hazelnuts are the largest nut crop not currently insured. With 30,000 acres and nearly $130 million crop value, there is potentially enough to sustain a program. Dates are another possible crop to pursue with a crop value of over $38 million.

The cost to develop and maintain a new program either through the private 508(h) submission or through the federal pilot program authority typically costs approximately $300,000 to $500,000. Complicated programs can cost substantially more. Consequently, it is prudent to select potential candidate crops for new program development where there is clearly interest and need from growers, and the greatest potential for a marketable product. Additionally, focusing on acreage, crop value and number of growers assists in assessing the potential impact of a new program if developed. As can be seen in Table 2, many of the uninsured specialty crops have limited acreage and many have no crop value data available. Data availability is a limiting factor in new program development. Yield data are necessary to develop crop insurance premium rates that are actuarially sound, and price data are needed to establish a price election or to develop revenue programs.

Table 3 lists all insured specialty crops acreage along with the total acreage and percent participation by state.

Table 3 - 2014 Acreage	Almonds			Apples			Apricots, Fresh			Avocados			Blueberries		
State	RMA	NASS	Pct.	RMA	NASS	Pct.	RMA	NASS	Pct.	RMA	NASS	Pct.	RMA	NASS	Pct.
Alabama														430	
Alaska															
Arizona				754	1,000	75%									
Arkansas														200	
California	720,869	860,000	84%	5,556	15,000	37%	2,540	9,500	27%	35,845	52,200	69%	3,768	5000	75%
Colorado				488	1,200	41%									
Connecticut				908	1,800	50%									
Delaware															
Florida										2,303	7,000	33%	2,587	4,300	60%
Georgia				163									11,767	16,600	71%
Hawaii											400				
Idaho				1,623	2,400	68%	5								
Illinois				522	1,800	29%									
Indiana				549	1,300	42%								500	
Iowa				3	800	0%									
Kansas															
Kentucky															
Louisiana													97		
Maine				1,418	2,700	53%							14,282	21,400	67%
Maryland				1,017	1,800	57%									
Massachusetts				1,422	3,000	47%									
Michigan				28,128	36,500	77%							12,740	19,000	67%
Minnesota				423	2,200	19%									
Mississippi													300	2,100	14%
Missouri				389	1,200	32%									
Montana															
Nebraska															
Nevada															
New Hampshire				688	1,400	49%									
New Jersey				318	1,700	19%							6,553	8,800	74%
New Mexico				15											
New York				32,087	40,000	80%								900	
North Carolina				4,660	5,100	91%							6,671	6,400	104%
North Dakota															
Ohio				1,282	3,900	33%									
Oklahoma															
Oregon				2,634	5,100	52%							2,646	9,300	28%
Pennsylvania				13,437	20,000	67%							2		
Rhode Island				78	230	34%									
South Carolina				74											
South Dakota															
Tennessee				50	650	8%									
Texas															
Utah				569	1,300	44%		140							
Vermont				1,167	1,700	69%									
Virginia				5,888	10,400	57%							7		
Washington				137,792	156,000	88%	829	1,200	69%				4,510	9,100	50%
West Virginia				1,427	4,100	35%									
Wisconsin				1,008	3,100	33%									
Wyoming															
Other															
United States	720,869	860,000	84%	246,537	327,380	75%	3,374	10,840	31%	38,148	59,600	64%	65,930	104,030	63%

Table 3 - 2014 Acreage	Cabbage, Fresh			Cherries, Sweet			Cherries, Tart			Chile Peppers			Citrus Fruit		
State	RMA	NASS	Pct.	RMA	NASS	Pct.	RMA	NASS	Pct.	RMA	NASS	Pct.	RMA	NASS	Pct.
Alabama															
Alaska															
Arizona		3,700								656	1,400	47%	6,311	11,000	57%
Arkansas															
California		16,400		29,090	33,000	88%					7,000		218,175	270,000	81%
Colorado															
Connecticut															
Delaware															
Florida	2,882	9,500	30%										412,719	476,300	87%
Georgia	1,563	5,500	28%												
Hawaii															
Idaho				21	700	3%									
Illinois															
Indiana															
Iowa															
Kansas															
Kentucky															
Louisiana															
Maine															
Maryland															
Massachusetts															
Michigan	1,133	3,200	35%	3,464	6,900	50%	14,828	27,900	53%						
Minnesota															
Mississippi															
Missouri															
Montana				206	700	29%									
Nebraska															
Nevada															
New Hampshire															
New Jersey		1,600													
New Mexico										1,466	8,100	18%			
New York	4,421	8,600	51%		700		539	1,600	34%						
North Carolina	1,041	2,900	36%												
North Dakota															
Ohio	254	1,500	17%												
Oklahoma															
Oregon	15			5,241	12,500	42%		650							
Pennsylvania	250	1,000	25%					500							
Rhode Island															
South Carolina															
South Dakota															
Tennessee															
Texas	1,051	6,500	16%								3,400		17,692	25,000	71%
Utah				102	500	20%	1,037	3,300	31%						
Vermont															
Virginia	36														
Washington				32,401	35,000	93%	634	2,100	30%						
West Virginia															
Wisconsin	1,436	3,000	48%				1,197	1,900	63%						
Wyoming															
Other		1,900													
United States	14,082	65,300	22%	70,525	90,000	78%	18,235	37,950	48%	2,122	19,900	11%	654,897	782,300	84%

Table 3 - 2014 Acreage	Cranberries			Cucumbers, Processing			Dry Bean			Dry Peas			Figs		
State	RMA	NASS	Pct.	RMA	NASS	Pct.	RMA	NASS	Pct.	RMA	NASS	Pct.	RMA	NASS	Pct.
Alabama															
Alaska															
Arizona							4,331	11,000	39%						
Arkansas															
California							26,046	48,000	54%				4,075	7,200	57%
Colorado							37,187	46,000	81%	836					
Connecticut															
Delaware				1,576											
Florida					13,700										
Georgia															
Hawaii															
Idaho							25,697	125,000	21%	117,049	79,000	148%			
Illinois															
Indiana				4,070	2,400	170%									
Iowa															
Kansas							5,035	7,500	67%	5,062					
Kentucky															
Louisiana															
Maine															
Maryland				491											
Massachusetts	10,576	12,400	85%												
Michigan				12,454	27,900	45%	197,582	250,000	79%						
Minnesota							158,631	155,000	102%	105					
Mississippi															
Missouri															
Montana							5,010	37,500	13%	607,896	675,000	90%			
Nebraska							164,000	165,000	99%	26,845					
Nevada															
New Hampshire															
New Jersey	1,561	3,000	52%												
New Mexico							9,792	10,500	93%						
New York							5,300	8,000	66%						
North Carolina				840											
North Dakota							630,392	630,000	100%	348,970	340,000	103%			
Ohio					7,500										
Oklahoma															
Oregon	1,207	3,000	40%				3,967	8,500	47%	3,411	12,000	28%			
Pennsylvania															
Rhode Island	87														
South Carolina															
South Dakota							9,038	14,000	65%	23,942					
Tennessee															
Texas				403	4,500	9%	9,646	23,000	42%						
Utah							1,860								
Vermont															
Virginia															
Washington	571	1,700	34%				18,829	130,000	14%	198,670	141,000	141%			
West Virginia															
Wisconsin	18,089	20,400	89%		5,600		5,750	7,900	73%						
Wyoming							35,081	42,000		446					
Other					18,380										
United States	32,091	40,500	79%	19,833	79,980	25%	1,353,174	1,718,900	79%	1,333,232	1,247,000	107%	4,075	7,200	57%

Table 3 - 2014 Acreage	Fresh Market Beans			Grapes, Table			Grapes, Wine, Juice			Green Peas, Processing			Mint-Peppermint		
State	RMA	NASS	Pct.	RMA	NASS	Pct.	RMA	NASS	Pct.	RMA	NASS	Pct.	RMA	NASS	Pct.
Alabama															
Alaska															
Arizona							52								
Arkansas							2	700	0%						
California		4,200		81420	110,000	74%	498,940	770,000	65%				1,641	1,800	91%
Colorado							278								
Connecticut															
Delaware										3,001	5,000	60%			
Florida		29,200													
Georgia		10,000					173	1,600	11%						
Hawaii															
Idaho							710			3,670			5,656	14,700	38%
Illinois										2,684					
Indiana													3,186	8,500	37%
Iowa										1,139					
Kansas															
Kentucky															
Louisiana															
Maine															
Maryland		1,100					20			1,646					
Massachusetts															
Michigan		2,700					9,867	13,600	73%	1,481					
Minnesota							11			63,029	68,600	92%			
Mississippi							177								
Missouri								1,700							
Montana															
Nebraska							38								
Nevada															
New Hampshire															
New Jersey		2,800													
New Mexico															
New York	1,457	10,200	14%				20,569	37,000	56%	8,512					
North Carolina	1,470	4,400	33%				276	2,300	12%						
North Dakota															
Ohio							238	1,600	15%						
Oklahoma															
Oregon							5,986	19,000	32%	16,573	19,600	85%	867	20,000	4%
Pennsylvania							9,300	13,000	72%						
Rhode Island							68								
South Carolina		700		58											
South Dakota													30		
Tennessee		5,800													
Texas							837	4,000	21%						
Utah															
Vermont							21								
Virginia	371	1,800	21%				9	3,100	0%						
Washington							57,298	72,000	80%	24,021	40,800	59%	4,031	15,000	27%
West Virginia															
Wisconsin										15,648	37,700	42%	473		
Wyoming															
Other											24,000				
United States	3,298	72,900	5%	81,477	110,000	74%	604,870	939,600	64%	141,404	195,700	72%	15,884	60,000	26%

Table 3 - 2014 Acreage	Mint-Spearmint			Macadamia Nuts			Nectarines			Olives			Onions		
State	RMA	NASS	Pct.	RMA	NASS	Pct.	RMA	NASS	Pct.	RMA	NASS	Pct.	RMA	NASS	Pct.
Alabama															
Alaska															
Arizona															
Arkansas															
California							15,702	21,000	75%	25,634	40,000	64%	19,566	43,900	45%
Colorado													4,329	3,600	120%
Connecticut															
Delaware															
Florida															
Georgia													11,876	11,000	108%
Hawaii				11,933	16,000	75%									
Idaho	144	1,200	12%				68						4,247	6,900	62%
Illinois															
Indiana	364	3,700	10%												
Iowa															
Kansas													230		
Kentucky															
Louisiana															
Maine															
Maryland															
Massachusetts															
Michigan	775												2,069	2,500	83%
Minnesota													103		
Mississippi															
Missouri															
Montana															
Nebraska															
Nevada													2,829		
New Hampshire															
New Jersey															
New Mexico													1,717	5,100	34%
New York													7,762	8,000	97%
North Carolina													161		
North Dakota													1,109		
Ohio															
Oklahoma															
Oregon	132	2,500	5%										15,827	19,600	
Pennsylvania															
Rhode Island															
South Carolina															
South Dakota	270														
Tennessee															
Texas													17,246	9,000	192%
Utah													691		
Vermont															
Virginia															
Washington	6,726	15,000	45%				867	1,600	54%				20,845	22,000	95%
West Virginia															
Wisconsin	282												239	1,700	14%
Wyoming															
Other														5,850	
United States	8,693	22,400	39%	11,933	16,000	75%	16,637	22,600	74%	25,634	40,000	64%	110,846	139,150	80%

Table 3 - 2014 Acreage	Peaches			Pears			Pecans			Peppers, Bell			Pistachios		
State	RMA	NASS	Pct.	RMA	NASS	Pct.	RMA	NASS	Pct.	RMA	NASS	Pct.	RMA	NASS	Pct.
Alabama	802	1,500	53%				4,058	14,150	29%						
Alaska															
Arizona	25			9			10,849	13,725	79%				1,784		
Arkansas	225	650	35%					9,182							
California	35,605	44,000	81%	8,453	11,100	76%	307	2,563	12%		22,000		90,177	215,000	42%
Colorado	1,648	2,600	63%												
Connecticut	50	400	13%	4											
Delaware															
Florida							818	9,071	9%	5,480	12,400	44%			
Georgia	5,786	10,900	53%				87,336	109,869	79%	20	3,900	1%			
Hawaii															
Idaho	745	1,100	68%												
Illinois	763	1,200	64%					184							
Indiana	68							39							
Iowa															
Kansas								4,104							
Kentucky	42							387							
Louisiana	22							12,938							
Maine															
Maryland	421	800	53%												
Massachusetts	140	350	40%	1											
Michigan	2,043	2,900	70%		700			3			1,500				
Minnesota															
Mississippi	48						1,541	7,025	22%						
Missouri	547	1,300	42%					8,206							
Montana															
Nebraska								47							
Nevada								16							
New Hampshire	15														
New Jersey	2,933	4,600	64%								3,000				
New Mexico							23,839	36,630	65%				219		
New York	504	1,600	32%	50	1,000	5%									
North Carolina	514	1,100	47%	2				1,111		64	2,200	3%			
North Dakota															
Ohio		800						8			2,800				
Oklahoma	113						4,523								
Oregon	56			9,918	14,400	69%									
Pennsylvania	2,231	4,000	56%	109	800	14%		2							
Rhode Island	5														
South Carolina	12,490	14,000	89%					3,937		459					
South Dakota															
Tennessee	229							99							
Texas	908	3,100	29%				33,454	145,236	23%						
Utah	235	1,300	18%					56							
Vermont	3														
Virginia	1,090	1,200	91%					59							
Washington	1,110	2,400	46%	14,864	21,300	70%									
West Virginia	442	950	47%					7							
Wisconsin															
Wyoming															
Other															
United States	71,858	102,750	70%	33,410	49,300	68%	166,725	378,654	44%	6,023	47,800	13%	92,180	215,000	43%

Table 3 - 2014 Acreage	Plums/Prunes			Potatoes			Processing Snap Beans			Pumpkins			Strawberries		
State	RMA	NASS	Pct.	RMA	NASS	Pct.	RMA	NASS	Pct.	RMA	NASS	Pct.	RMA	NASS	Pct.
Alabama				612											
Alaska					630										
Arizona				3,336	3,800	88%									
Arkansas				376											
California	59,296	66,000	90%	23,678	33,500	71%					6,400		26	41,500	0%
Colorado				65,893	60,200	109%									
Connecticut															
Delaware				670	1,200	56%									
Florida				23,768	30,500	78%								10,900	
Georgia				1,509											
Hawaii															
Idaho	116	400	29%	294,703	321,000	92%									
Illinois				1,747	6,500	27%	1,801			5,955	20,100	30%			
Indiana				340			758	4,900	15%						
Iowa				467											
Kansas				3,140	4,200	75%									
Kentucky															
Louisiana															
Maine				50,288	51,000	99%									
Maryland				2,200	2,300	96%									
Massachusetts				2,750	3,900	71%									
Michigan		400		21,645	43,000	50%	3,132				6,400			750	
Minnesota				41,178	43,000	96%	947								
Mississippi															
Missouri				7,607	8,200	93%									
Montana				7,158	11,500	62%									
Nebraska				7,357	15,000	49%									
Nevada				3,014											
New Hampshire															
New Jersey				455	2,000	23%									
New Mexico				3,628											
New York				10,025	16,000	63%		20,610			5,500			1,000	
North Carolina				12,421	14,500	86%								1,100	
North Dakota				74,583	79,000	94%									
Ohio				120	1,600	8%					6,700			480	
Oklahoma				442											
Oregon	589	1,300	45%	27,655	39,000	71%	277	8,500						1,700	
Pennsylvania				4,004	5,300	76%		11,600			6,200			735	
Rhode Island				143	500	29%									
South Carolina															
South Dakota				4											
Tennessee															
Texas				19,821	21,000	94%	1,790								
Utah															
Vermont															
Virginia				4,506	5,000	90%									
Washington	215	400	54%	100,793	165,000	61%	2,084	0						1,100	
West Virginia				15											
Wisconsin				44,275	64,000	69%	42,385	66,000	64%					630	
Wyoming				8											
Other								52,450							
United States	60,216	68,500	88%	866,334	1,052,330	82%	53,174	164,060	32%	5,955	51,300	12%	26	59,895	0%

Table 3 - 2014 Acreage	Sweet Corn, Fresh			Sweet Corn, Processing			Sweet Potatoes			Tomatoes, Fresh			Tomatoes, Processing		
State	RMA	NASS	Pct.	RMA	NASS	Pct.	RMA	NASS	Pct.	RMA	NASS	Pct.	RMA	NASS	Pct.
Alabama	500	1,400	36%					2,100		1	1,300	0%			
Alaska															
Arizona															
Arkansas								4,000		806	1,000	81%			
California		32,200						19,000		11,310	32,800	34%	278,090	292,000	95%
Colorado	2,335	4,000	58%												
Connecticut	1,097	4,200	26%												
Delaware		3,600		5,495									233		
Florida	23,025	40,500	57%					6,000		24,273	35,000	69%			
Georgia	14,010	23,700	59%							2,426	2,400	101%			
Hawaii															
Idaho				9,137											
Illinois		6,400		4,936						1					
Indiana		5,500									850		8,014	9,500	84%
Iowa	127			2,000											
Kansas															
Kentucky										1					
Louisiana							6,491	9,000	72%						
Maine	160	1,700	9%												
Maryland	144	4,000	4%	2,401						35			135		
Massachusetts	576	4,600	13%												
Michigan		9,700									2,200		3,371	3,600	94%
Minnesota				103,036	116,600	88%									
Mississippi								22,000							
Missouri															
Montana															
Nebraska	302														
Nevada															
New Hampshire	203	1,500	14%												
New Jersey	821	6,300	13%	216				1,200			3,000		1,289		
New Mexico															
New York	4,792	19,300	25%	6,727							2,800				
North Carolina	332	4,900	7%					73,000		607	3,500	17%			
North Dakota															
Ohio		15,900									3,700		3,887	4,700	83%
Oklahoma															
Oregon		5,000		5,231	23,300	22%									
Pennsylvania	1,737	12,000	14%	345						143	2,600	6%	1,065		
Rhode Island	242	720	34%												
South Carolina										1,916	3,300	58%			
South Dakota															
Tennessee										1,985	4,100	48%			
Texas		3,200						1,000			850				
Utah															
Vermont	146	970	15%												
Virginia		3,000								638	2,400	27%			
Washington		11,600		50,999	69,600	73%									
West Virginia	10														
Wisconsin		3,900		34,262	69,900	49%									
Wyoming															
Other					45,780										
United States	50,559	229,790	22%	224,785	325,180	69%	6,491	137,300	5%	44,142	101,800	43%	296,084	309,800	96%

Table 3 - 2014 Acreage	Tropical (Banana/Papaya/Coffee)			Walnuts			All		
State	RMA	NASS	Pct.	RMA	NASS	Pct.	RMA	NASS	Pct.
Alabama							5,973	20,880	29%
Alaska							0	630	0%
Arizona							28,107	45,625	62%
Arkansas							1,409	15,732	9%
California				148,435	290,000	51%	2,344,244	3,422,263	68%
Colorado							112,994	117,600	96%
Connecticut							2,059	6,400	32%
Delaware							10,975	9,800	112%
Florida							497,855	684,371	73%
Georgia							136,629	195,469	70%
Hawaii	4,120	10,400	40%				16,053	26,800	60%
Idaho							463,591	552,400	84%
Illinois							18,409	36,184	51%
Indiana							17,349	37,189	47%
Iowa							3,736	800	467%
Kansas							13,467	15,804	85%
Kentucky							43	387	11%
Louisiana							6,610	21,938	30%
Maine							66,148	76,800	86%
Maryland							8,510	10,000	85%
Massachusetts							15,465	24,250	64%
Michigan							314,712	461,353	68%
Minnesota							367,463	385,400	95%
Mississippi							2,066	31,125	7%
Missouri							8,543	20,606	41%
Montana							620,270	724,700	86%
Nebraska							198,542	180,047	110%
Nevada							5,843	16	-
New Hampshire							906	2,900	31%
New Jersey							14,146	38,000	37%
New Mexico							40,676	60,330	67%
New York							102,745	182,810	56%
North Carolina							29,059	122,511	24%
North Dakota							1,055,054	1,049,000	101%
Ohio							5,781	51,188	11%
Oklahoma							5,078	0	-
Oregon							102,232	224,950	45%
Pennsylvania							32,623	77,737	42%
Rhode Island							623	1,450	43%
South Carolina							14,997	21,937	68%
South Dakota							33,284	14,000	238%
Tennessee							2,264	10,649	21%
Texas							102,848	249,786	41%
Utah							4,494	6,596	68%
Vermont							1,337	2,670	50%
Virginia							12,545	26,959	47%
Washington							678,089	913,900	74%
West Virginia							1,894	5,057	37%
Wisconsin							165,044	285,730	58%
Wyoming							35,535	42,000	85%
Other								148,360	
United States	4,120	10,400	40%	148,435	290,000	51%	7,728,317	10,663,089	72%

Data sources used for this report:

Noncitrus Fruits and Nuts, 2014 Preliminary Summary, NASS (Released January 2015)

Crop Values 2014 Summary, NASS (Released February 2015)

Crop Production, NASS (Released February 2015)

Vegetables 2014 Summary, NASS (Released January 2015)

Citrus Fruits 2014 Summary, NASS (Released September 2014)

Census of Agriculture 2012

Risk Management Agency Experience Data