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TROPICAL FRUIT

PRODUCTION AND VALUE



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AVOCADO PRODUCTION AND VALUE

FLORIDA: Production of avocados for the just completed 1998-99 season is estimated at 920,000 bushels, down four percent from last season's 960,000 bushels. Late fall and winter varieties produced more fruit than last season but crop sizes of the summer varieties were smaller.

Bearing acreage is estimated at 6,000 acres, the most since the 1992-93 season, but still 43 percent less than the 10,600 acres in 1989-90. Trees planted since 1992 are bearing limited amounts of fruit.

Average prices received by growers for fruit delivered to the packing house is up 23 percent to \$17.90 per bushel. Total crop value is \$16,468,000, the highest since the mid-1980s.

OTHER STATES: California's 1997-98 production, which ended harvest last October, is down eight percent to 6,160,000 bushel equivalents. Total value is just slightly higher. Hawaii's bearing acreage increased 25 percent and production at 10,000 bushel equivalents returned to the level prior to 1996-97. Total value of the crop was 24 percent higher at \$265,000.

FLORIDA AVOCADOS: Bearing acreage, production, utilization, season average price, and value of production at packing house door for crop years 1989-90 through 1998-99

Season	Bearing acreage	Total production	Certified shipments	Local fresh use	Processing	Price per bushel	Value of production
	Acres	Bushels				Dollars	
1989-90	10,600	1,340,000	1,300,000	40,000	--	8.30	11,122,000
1990-91	9,000	784,000	752,000	17,000	15,000	17.10	13,406,000
1991-92	8,600	1,132,000	1,111,000	21,000	--	11.90	13,471,000
1992-93	8,400	288,000	284,000	4,000	--	14.60	4,198,000
1993-94	5,800	176,000	175,000	1,000	--	20.50	3,608,000
1994-95	5,700	800,000	779,000	21,000	--	15.40	12,320,000
1995-96	5,800	760,000	744,000	16,000	--	14.90	11,324,000
1996-97	5,700	940,000	918,000	22,000	--	13.20	12,408,000
1997-98	5,900	960,000	938,000	22,000	--	14.60	14,016,000
1998-99	6,000	920,000	891,000	29,000	--	17.90	16,468,000

OTHER STATES' AVOCADOS: Bearing acreage, production, season average price, and value of production at packing house door for selected years.

Season	Bearing acreage	Total production	Fresh shipments	Processing	Price per bushel	Value of production
	Acres	Bushels 1/				Dollars
CALIFORNIA						
1993-94	72,500	5,560,000	5,280,000	280,000	45.25	251,590,000
1994-95	67,600	6,240,000	6,108,000	132,000	37.25	232,440,000
1995-96	59,900	6,840,000	6,780,000	60,000	34.00	233,136,000
1996-97	59,900	6,680,000	6,600,000	80,000	39.00	260,162,000
1997-98	59,900	6,160,000	6,100,000	60,000	42.75	263,473,000
HAWAII						
1993-94	250	10,000	10,000	--	22.00	220,000
1994-95	220	10,000	10,000	--	25.00	250,000
1995-96	210	10,000	10,000	--	27.25	273,000
1996-97	200	8,000	8,000	--	26.75	214,000
1997-98	250	10,000	10,000	--	26.50	265,000

1/ Pounds converted to bushels at 50 pound equivalents.

MANGO PRODUCTION AND VALUE

Production and value of the 1998 mango crop is unavailable. Commercial shipments are very limited. Some mangoes are sold in specialty markets and as green fruit for

processing. Although total acreage is unavailable, bearing acreage with trees 4 years old and older is estimated at 1,400.

FLORIDA MANGOES: Acreage, production, season average price, and value of production at packing house door for crop years 1993 through 1998

Crop year	Acreage			Bearing trees	Production and value		
	Total	(4 years) Non-bearing	Bearing		Bushels 1/	Price	Total value
	Acres			1,000 trees	1,000 bushels	Dollars	1,000 dollars
1993	1,600	0	1,600	149	50	19.00	950
1994	1,900	300	1,600	151	100	15.00	1,500
1995	1,800	300	1,500	142	150	11.50	1,725
1996	1,800	300	1,500	144	100	15.00	1,500
1997	1,700	300	1,400	142	100	14.50	1,450
1998	NA	NA	1,400	139	NA	NA	NA

1/ 55 pounds

LEMON PRODUCTION AND ON-TREE VALUE

With lemon production increased to 235,000 boxes and the average price per box up at \$7.25, the value of production more than doubled from the previous season. Bearing acreage of "True" lemons increased by 100 acres for

the third consecutive season and bearing acreage for all lemons reached 1,000. "True" lemon varieties are primarily shipped fresh with some processed while all of the Meyer lemons are processed.

FLORIDA LEMONS: Bearing acreage, production, season average on-tree prices and value for crop years 1993 through 1998

Season	True lemons			Meyer lemons			All lemons			
	Bearing acres	Production	Price per box	Bearing acres	Production	Price per box	Bearing acres	Production	Price per box	Value of production
		1,000 boxes	Dollars		1,000 boxes	Dollars		1,000 boxes	Dollars	1,000 dollars
1993	600	167	NA	100	33	NA	700	200	10.00	1,998
1994	600	188	NA	100	32	NA	700	220	7.60	1,677
1995	600	130	NA	100	35	NA	700	165	8.25	1,361
1996	700	170	NA	100	25	NA	800	195	10.30	2,006
1997	800	80	NA	100	40	NA	900	120	7.00	839
1998	900	155	NA	100	80	NA	1,000	235	7.25	1,709

LIME PRODUCTION

Lime production for the just completed 1998-99 season is 14 percent higher than the previous season. Trees

planted in Dade County following Hurricane Andrew in 1992 are producing increasing amounts of fruit.

FLORIDA LIMES: Utilization in bushels, 1993-94 through 1998-99 season

Season	Fresh use			Sold for processing	Total production
	Certified shipments	Local sales	Total fresh		
	Bushels				
1993-94	228,500	11,500	240,000	80,000	320,000
1994-95	289,300	14,700	304,000	64,000	368,000
1995-96	371,400	12,600	384,000	96,000	480,000
1996-97	398,300	9,700	408,000	104,000	512,000
1997-98	510,400	17,600	528,000	176,000	704,000
1998-99	645,400	10,600	656,000	144,000	800,000