

## All Fruit

There were 118,600 acres of fruit at the end of 2011, which was unchanged from 2006. The number of commercial fruit farms, however, declined to 1,985 from 2,195. The counties with the most fruit were, in order, Van Buren, Berrien, Oceana, Leelanau, Ottawa, and Kent. These six counties accounted for over two-thirds of fruit acres.

included elsewhere; Saginaw Bay—Midland, Bay, Saginaw, Tuscola, and Huron counties; Central—Isabella, Gratiot, Clinton, Shiawassee, Barry, Eaton, and Ingham counties; West Thumb—Genesee, Livingston, and Oakland counties; East Thumb—Sanilac, Lapeer, St. Clair, and Macomb counties; South Central—Calhoun, Jackson, St. Joseph, Branch, and Hillsdale counties; Southeast—Washtenaw, Wayne, Lenawee, and Monroe counties.

The East district is subdivided into the following areas: North—Upper Peninsula and northern counties of Lower Peninsula not

**All fruit: Number of farms and acres by county and district**

County and district	Total farms	Apples	Blueberries	Brambles	Cherries, sweet	Cherries, tart	Cranberries	Grapes
Antrim	42	490			630	3,120		
Benzie	34	690				1,500		
Grand Traverse	122	650			1,500	4,400		700
Leelanau	165	1,150			3,450	7,800		680
Manistee	31	640			160	800		
Charlevoix, Cheboygan, and Emmet	25	180				280		
<b>Northwest</b> <sup>2</sup>	419	3,800	35	45	6,000	17,900		1,450
Ionia	11	550						
Kent	88	8,400				230		
Mason	24	1,450			360	1,850		
Montcalm, Mecosta	13	750						
Muskegon	33	2,700	1,100					
Newaygo	20	1,500						
Oceana	92	3,500	630		350	7,900		
Ottawa	143	3,350	5,950					
<b>West Central</b> <sup>2</sup>	424	22,200	8,100	50	900	10,200		
Allegan	95	630	2,750					
Berrien	304	3,900	1,070	160	180	1,550		7,570
Cass	24	560						
Kalamazoo	15	110						
Van Buren	338	2,900	8,500		30	1,750		4,700
<b>Southwest</b> <sup>2</sup>	776	8,100	12,350	185	235	3,850		13,250
North	88	190	31	35	4	8		23
Saginaw Bay	47	120	125	13				
Central	40	210	44	39				12
West Thumb	30	480	79	23	9			
East Thumb	55	530	57	36	32	11		32
South Central	42	230	51	18	6	11		153
Southeast	64	640	28	56	10	12		37
<b>East</b> <sup>2</sup>	366	2,400	415	220	65	50		
<b>Michigan</b> <sup>2</sup>	1,985	36,500	20,900	500	7,200	32,000	330	15,000

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**All fruit: Number of farms and acres by county and district (continued)**

County and district	Nectarines	Peaches	Pears	Plums	Strawberries	Other <sup>1</sup>	All fruit 2011
Antrim		30	35			75	4,380
Benzie						300	2,490
Grand Traverse			55	50		25	7,380
Leelanau		30	40	115		55	13,320
Manistee		40			60	50	1,750
Charlevoix, Cheboygan, and Emmet						320	780
<b>Northwest <sup>2</sup></b>	8	145	150	210			30,100
Ionia						50	600
Kent		90		55	45	170	8,990
Mason		140	65			135	4,000
Montcalm, Mecosta						50	800
Muskegon		140				70	4,010
Newaygo		50				310	1,860
Oceana		1,220	250	75		35	13,960
Ottawa		105			20	305	9,730
<b>West Central <sup>2</sup></b>	13	1,780	350	195			43,950
Allegan		270	50		20	310	4,030
Berrien		1,450	50	55	80	45	16,110
Cass						950	1,510
Kalamazoo						420	530
Van Buren		150	65	90	55	80	18,320
<b>Southwest <sup>2</sup></b>	54	1,900	170	175	180		40,500
North			5		82	22	400
Saginaw Bay					21	21	300
Central		6	4		70	5	390
West Thumb		25	6		23	10	655
East Thumb		70	14		57	6	845
South Central		14	10		43	4	540
Southeast		53	17		59	8	920
<b>East <sup>2</sup></b>	5	175	60	20	355		4,050
<b>Michigan <sup>2</sup></b>	80	4,000	730	600	760		118,600

<sup>1</sup> Fruits combined to avoid disclosing data for individual operations.

<sup>2</sup> Totals may not add due to combining fruits to avoid disclosing data for individual operations.

# Apples

Apples: Number of farms and acres by county and district

County and district	Farms				Acres			
	2000	2003	2006	2011	2000	2003	2006	2011
Antrim <sup>1</sup>	33	36	42	33	720	700	650	670
Benzie	25	17	19	20	930	800	750	690
Grand Traverse	53	45	39	38	900	750	700	650
Leelanau	66	58	57	53	2,000	1,800	1,350	1,150
Manistee	28	24	19	20	1,150	1,050	550	640
<b>Northwest</b>	<b>205</b>	<b>180</b>	<b>176</b>	<b>164</b>	<b>5,700</b>	<b>5,100</b>	<b>4,000</b>	<b>3,800</b>
Ionia	17	10	10	9	950	650	620	550
Kent	100	95	91	82	10,300	9,300	8,150	8,400
Mason	28	26	23	19	1,650	1,500	1,450	1,450
Montcalm, Mecosta	11	13	9	6	950	850	730	750
Muskegon	16	14	14	11	2,300	2,300	2,300	2,700
Newaygo	15	18	13	12	1,700	1,800	1,500	1,500
Oceana	77	73	67	63	3,550	3,500	3,250	3,500
Ottawa	46	41	41	39	4,000	3,800	3,500	3,350
<b>West Central</b>	<b>310</b>	<b>290</b>	<b>268</b>	<b>241</b>	<b>25,400</b>	<b>23,700</b>	<b>21,500</b>	<b>22,200</b>
Allegan	35	32	32	23	850	650	600	630
Berrien	165	148	143	123	5,300	4,800	4,200	3,900
Cass	19	21	15	14	1,100	850	600	560
Kalamazoo	8	6	6	8	250	100	100	110
Van Buren	78	63	56	47	5,200	3,800	3,300	2,900
<b>Southwest</b>	<b>305</b>	<b>270</b>	<b>252</b>	<b>215</b>	<b>12,700</b>	<b>10,200</b>	<b>8,800</b>	<b>8,100</b>
North	55	49	52	46	250	250	230	190
Saginaw Bay	26	23	23	16	150	130	130	120
Central	40	39	34	22	600	530	270	210
West Thumb	30	25	26	21	580	520	480	480
East Thumb	48	47	44	33	950	940	660	530
South Central	25	22	22	23	370	330	290	230
Southeast	56	55	53	44	800	800	640	640
<b>East</b>	<b>280</b>	<b>260</b>	<b>254</b>	<b>205</b>	<b>3,700</b>	<b>3,500</b>	<b>2,700</b>	<b>2,400</b>
<b>Michigan</b>	<b>1,100</b>	<b>1,000</b>	<b>950</b>	<b>825</b>	<b>47,500</b>	<b>42,500</b>	<b>37,000</b>	<b>36,500</b>

<sup>1</sup> Includes Charlevoix, Cheboygan, and Emmet.

**Apples: Acres by variety and year planted**

Year planted	Cortland	Empire	Fuji	Gala	Golden Delicious
1976 and before	21	73	0	0	605
1977-1981	23	170	0	21	260
1982-1986	32	500	0	65	475
1987-1991	68	495	96	515	750
1992-1996	130	345	320	585	950
1997-2001	47	74	93	760	705
2002-2006	15	17	160	840	220
2007	1	17	28	99	19
2008	12	10	70	220	76
2009	1	30	160	205	27
2010	0	8	135	185	23
2011	0	1	28	285	10
Michigan	350	1,740	1,090	3,780	4,120
	<b>Honeycrisp</b>	<b>Idared</b>	<b>Jonagold</b>	<b>Jonathan</b>	<b>McIntosh</b>
1976 and before	0	715	11	620	380
1977-1981	0	610	2	170	235
1982-1986	0	435	34	330	280
1987-1991	12	220	200	630	465
1992-1996	125	225	580	375	190
1997-2001	585	300	165	310	170
2002-2006	625	120	84	240	300
2007	130	44	94	28	100
2008	225	10	110	38	140
2009	170	76	155	39	105
2010	98	44	150	15	59
2011	50	21	125	5	46
Michigan	2,020	2,820	1,710	2,800	2,470

**Apples: Acres by variety and year planted (continued)**

Year planted	Mutsu	Northern Spy	Paula Red	Red Delicious	Rome	Other	Michigan
1976 and before	50	350	165	955	440	295	4,680
1977-1981	50	165	79	730	335	130	2,980
1982-1986	62	300	52	1,460	500	165	4,690
1987-1991	98	270	76	1,190	395	215	5,695
1992-1996	88	185	17	850	200	460	5,625
1997-2001	70	135	61	1,005	75	335	4,890
2002-2006	16	66	52	240	70	175	3,240
2007	0	1	16	170	23	95	865
2008	2	3	4	31	4	185	1,140
2009	4	0	18	59	8	78	1,135
2010	0	3	10	73	0	72	875
2011	0	2	0	47	0	65	685
Michigan	440	1,480	550	6,810	2,050	2,270	36,500

**Apples: Trees by variety and year planted**

Year planted	Cortland	Empire	Fuji	Gala	Golden Delicious
1976 and before	2,100	12,300	0	0	68,100
1977-1981	2,700	26,800	0	3,300	36,500
1982-1986	5,000	77,900	0	13,100	73,900
1987-1991	11,200	97,300	35,200	156,000	161,000
1992-1996	36,300	88,700	115,000	221,000	261,000
1997-2001	9,400	23,800	30,300	295,000	186,000
2002-2006	3,000	4,700	60,000	318,000	58,100
2007	400	5,400	9,000	41,100	7,200
2008	4,900	4,900	33,200	86,300	34,500
2009	500	5,400	76,700	96,200	6,600
2010	0	3,100	87,000	94,000	16,200
2011	0	700	15,600	142,000	1,900
Michigan	75,500	351,000	462,000	1,466,000	911,000
	Honeycrisp	Idared	Jonagold	Jonathan	McIntosh
1976 and before	0	97,100	1,100	51,500	41,600
1977-1981	0	88,200	300	20,400	33,000
1982-1986	0	68,100	6,200	49,700	46,100
1987-1991	2,400	42,400	66,700	119,000	95,000
1992-1996	50,000	39,500	211,000	85,600	36,800
1997-2001	182,000	67,800	50,400	83,200	47,600
2002-2006	229,000	27,300	24,900	77,900	109,000
2007	59,800	12,500	46,300	11,800	44,100
2008	93,400	4,300	43,300	12,600	62,800
2009	85,100	23,700	61,300	11,300	48,200
2010	60,000	33,400	89,500	6,300	26,600
2011	21,300	5,700	56,000	700	19,200
Michigan	783,000	510,000	657,000	530,000	610,000

**Apples: Trees by variety and year planted (continued)**

Year planted	Mutsu	Northern Spy	Paula Red	Red Delicious	Rome	Other	Michigan
1976 and before	5,800	35,100	21,500	124,000	50,000	31,800	542,000
1977-1981	6,800	21,200	10,700	115,000	42,900	16,200	424,000
1982-1986	9,000	40,000	7,300	239,000	83,400	24,300	743,000
1987-1991	14,200	45,800	14,800	252,000	73,600	52,400	1,239,000
1992-1996	16,500	29,700	2,900	218,000	47,000	127,000	1,586,000
1997-2001	13,800	23,100	19,900	318,000	16,400	99,300	1,466,000
2002-2006	3,100	21,500	19,100	80,400	14,100	62,900	1,113,000
2007	0	300	5,900	41,700	6,300	32,200	324,000
2008	1,700	1,200	1,700	11,800	2,400	113,000	512,000
2009	600	0	11,400	11,700	1,900	41,400	482,000
2010	0	2,700	2,800	31,200	0	51,200	504,000
2011	0	400	0	15,200	0	26,300	305,000
Michigan	71,500	221,000	118,000	1,458,000	338,000	678,000	9,240,000

**Apples: Acres and trees by district and variety**

Variety	Northwest		Mason-Oceana		Grand Rapids	
	Acres	Trees	Acres	Trees	Acres	Trees
Braeburn	8	1,000	0	0	69	36,700
Cortland	25	4,500	75	11,500	145	38,900
Early Fuji	5	1,200	14	4,200	67	20,200
Empire	135	23,000	215	33,300	955	208,000
Fuji	25	4,700	25	11,500	790	362,000
Gala	175	50,400	280	58,600	2,540	1,057,000
Ginger Gold	49	11,300	20	4,200	160	74,500
Golden Delicious	320	58,100	530	81,600	1,605	420,000
Golden Supreme	21	4,400	6	1,300	46	10,100
Honeycrisp	340	136,000	355	89,500	1,010	438,000
Idared	585	98,000	790	120,000	1,085	230,000
Jonagold	175	73,500	305	73,500	870	390,000
Jonamac	7	1,200	10	1,900	115	25,200
Jonathan	190	24,200	345	47,300	1,120	287,000
McIntosh	500	93,200	310	48,300	1,240	393,000
Mutsu	58	9,500	150	21,400	65	13,700
Northern Spy	500	69,800	450	54,200	305	61,600
Paula Red	8	1,400	20	4,800	310	82,300
Red Delicious	245	39,200	610	97,400	3,460	767,000
R I Greening	72	9,000	79	7,900	0	0
Rome	115	22,200	250	32,900	1,030	192,000
Spartan	9	1,500	3	500	80	21,900
Sweetango	72	56,100	59	43,400	27	18,000
Winesap	1	100	9	800	31	4,100
Other	160	31,500	40	5,000	125	53,800
<b>Total</b>	<b>3,800</b>	<b>825,000</b>	<b>4,950</b>	<b>855,000</b>	<b>17,250</b>	<b>5,205,000</b>
	<b>Southwest</b>		<b>East</b>		<b>Michigan</b>	
	Acres	Trees	Acres	Trees	Acres	Trees
Braeburn	19	3,800	19	6,500	115	48,000
Cortland	50	12,000	55	8,600	350	75,500
Early Fuji	17	5,700	7	2,400	110	33,700
Empire	325	64,700	110	22,000	1,740	351,000
Fuji	145	42,400	105	41,400	1,090	462,000
Gala	545	178,000	240	122,000	3,780	1,466,000
Ginger Gold	25	5,800	16	4,200	270	100,000
Golden Delicious	1,440	311,000	225	40,300	4,120	911,000
Golden Supreme	47	16,300	5	1,700	125	33,800
Honeycrisp	220	89,900	95	29,600	2,020	783,000
Idared	220	38,900	140	23,100	2,820	510,000
Jonagold	270	94,000	90	26,000	1,710	657,000
Jonamac	32	5,200	11	2,500	175	36,000
Jonathan	1,000	141,000	145	30,500	2,800	530,000
McIntosh	185	30,300	235	45,200	2,470	610,000
Mutsu	125	20,600	42	6,300	440	71,500
Northern Spy	100	18,300	125	17,100	1,480	221,000
Paula Red	165	22,300	47	7,200	550	118,000
Red Delicious	2,150	469,000	345	85,400	6,810	1,458,000
R I Greening	5	400	4	600	160	17,900
Rome	630	87,800	25	3,100	2,050	338,000
Spartan	10	1,700	8	1,100	110	26,700
Sweetango	0	0	17	16,500	175	134,000
Winesap	120	19,700	24	2,600	185	27,300
Other	255	66,200	265	64,100	845	220,600
<b>Total</b>	<b>8,100</b>	<b>1,745,000</b>	<b>2,400</b>	<b>610,000</b>	<b>36,500</b>	<b>9,240,000</b>

**Apples: Acres by district and year planted**

Year planted	Northwest	Mason-Oceana	Grand Rapids	Southwest	East	Michigan
1976 and before	505	690	1,520	1,490	475	4,680
1977-1981	515	520	1,010	695	240	2,980
1982-1986	610	545	2,105	1,150	280	4,690
1987-1991	600	850	2,615	1,290	340	5,695
1992-1996	470	615	2,850	1,370	320	5,625
1997-2001	445	815	2,340	1,030	260	4,890
2002-2006	325	300	1,725	645	245	3,240
2007	34	70	630	105	26	865
2008	91	135	795	89	30	1,140
2009	53	165	835	56	26	1,135
2010	80	90	575	60	70	875
2011	72	155	250	120	88	685
<b>Total</b>	<b>3,800</b>	<b>4,950</b>	<b>17,250</b>	<b>8,100</b>	<b>2,400</b>	<b>36,500</b>

**Apples: Trees by district and year planted**

Year planted	Northwest	Mason-Oceana	Grand Rapids	Southwest	East	Michigan
1976 and before	47,800	70,400	211,000	165,000	47,800	542,000
1977-1981	74,000	67,900	153,000	92,500	36,600	424,000
1982-1986	99,000	77,400	355,000	168,000	43,600	743,000
1987-1991	117,000	132,000	695,000	231,000	64,000	1,239,000
1992-1996	87,400	100,000	910,000	393,000	95,600	1,586,000
1997-2001	110,000	161,000	765,000	367,000	63,000	1,466,000
2002-2006	92,400	74,300	663,000	190,000	93,300	1,113,000
2007	12,900	20,700	245,000	32,100	13,300	324,000
2008	59,500	38,100	365,000	29,300	20,100	512,000
2009	37,100	44,200	377,000	15,500	8,200	482,000
2010	49,600	26,600	351,000	23,400	53,400	504,000
2011	38,300	42,400	115,000	38,200	71,100	305,000
<b>Total</b>	<b>825,000</b>	<b>855,000</b>	<b>5,205,000</b>	<b>1,745,000</b>	<b>610,000</b>	<b>9,240,000</b>

**Apples: Acres by rootstock and variety**

Variety	Seedling	111	106	7 (VII)	26	Mark
Braeburn	0	19	5	17	52	0
Cortland	15	75	51	61	60	15
Early Fuji	0	5	5	27	23	0
Empire	27	365	255	480	325	55
Fuji	1	86	100	85	180	54
Gala	6	240	450	400	625	120
Ginger Gold	0	31	17	29	38	26
Golden Delicious	230	730	875	830	450	115
Golden Supreme	0	13	34	21	22	3
Honeycrisp	7	150	405	145	190	29
Idared	145	670	630	620	140	12
Jonagold	17	205	245	275	200	97
Jonamac	6	25	31	64	7	14
Jonathan	280	480	535	555	195	55
McIntosh	97	430	375	495	295	56
Mutsu	4	89	82	115	63	8
Northern Spy	77	180	315	355	145	71
Paula Red	9	89	115	120	49	1
Red Delicious	305	1,520	1,485	1,435	945	68
R I Greening	60	4	35	17	2	0
Rome	205	505	355	490	125	33
Spartan	4	12	17	31	11	7
Sweetango	0	13	24	9	24	0
Winesap	33	44	24	24	1	4
Other	72	120	85	150	83	7
Michigan	1,600	6,100	6,550	6,850	4,250	850
	9 (IX)	Bud 118	Bud 9	Other	Unknown	Michigan
Braeburn	10	2	1	0	9	115
Cortland	25	1	3	3	41	350
Early Fuji	17	7	19	0	7	110
Empire	37	0	14	17	165	1,740
Fuji	350	8	90	36	100	1,090
Gala	980	69	315	180	395	3,780
Ginger Gold	62	0	17	1	49	270
Golden Delicious	235	15	62	28	550	4,120
Golden Supreme	8	0	16	0	8	125
Honeycrisp	535	99	165	115	180	2,020
Idared	130	31	18	79	345	2,820
Jonagold	385	27	105	58	96	1,710
Jonamac	1	0	2	0	25	175
Jonathan	230	13	33	49	375	2,800
McIntosh	260	39	60	88	275	2,470
Mutsu	15	0	3	1	60	440
Northern Spy	34	0	13	20	270	1,480
Paula Red	70	4	28	6	59	550
Red Delicious	180	23	27	97	725	6,810
R I Greening	0	0	0	0	42	160
Rome	62	0	2	23	250	2,050
Spartan	14	0	6	0	8	110
Sweetango	32	0	47	24	2	175
Winesap	9	0	0	7	39	185
Other	69	12	54	18	175	845
Michigan	3,750	350	1,100	850	4,250	36,500



**Apples: Acres and trees by district and rootstock**

Rootstock	Northwest		Mason-Oceana		Grand Rapids	
	Acres	Trees	Acres	Trees	Acres	Trees
Seedling	190	15,300	310	23,300	320	28,200
111	620	90,000	1,240	182,000	2,360	522,000
106	1,270	226,000	1,020	185,000	2,160	429,000
7 (VII)	490	80,000	785	134,000	3,330	674,000
26	410	135,000	260	63,000	2,720	934,000
Mark	75	20,800	35	9,300	515	187,000
9 (IX)	70	60,000	160	40,000	2,750	1,438,000
Bud 118	60	16,300	185	44,100	100	26,800
Bud 9	120	84,300	40	25,200	605	305,000
Other	105	37,800	85	28,100	450	205,000
Unknown	390	59,500	830	121,000	1,940	456,000
<b>Total</b>	<b>3,800</b>	<b>825,000</b>	<b>4,950</b>	<b>855,000</b>	<b>17,250</b>	<b>5,205,000</b>
	Southwest		East		Michigan	
	Acres	Trees	Acres	Trees	Acres	Trees
Seedling	560	49,700	220	13,500	1,600	130,000
111	1,700	235,000	180	31,000	6,100	1,060,000
106	1,900	388,000	200	32,000	6,550	1,260,000
7 (VII)	1,830	318,000	415	59,000	6,850	1,265,000
26	505	160,000	355	108,000	4,250	1,400,000
Mark	149	49,200	76	18,700	850	285,000
9 (IX)	360	224,000	410	188,000	3,750	1,950,000
Bud 118	1	200	4	600	350	88,000
Bud 9	230	155,000	105	65,500	1,100	635,000
Other	125	24,900	85	21,200	850	317,000
Unknown	740	141,000	350	72,500	4,250	850,000
<b>Total</b>	<b>8,100</b>	<b>1,745,000</b>	<b>2,400</b>	<b>610,000</b>	<b>36,500</b>	<b>9,240,000</b>

**Apples: Number of farms and acres with 500 or more trees per acre by size group**

High density size group	2003		2006		2011	
	Farms	Acres	Farms	Acres	Farms	Acres
Less than 1 acre	27	15	23	10	21	10
1-4.9 acres	38	100	35	85	36	85
5-9.9 acres	11	85	12	85	19	135
10-24.9 acres	26	425	29	480	42	720
25-49.9 acres	19	665	12	420	13	450
50 acres or more	10	810	14	1,120	25	2,900
<b>Michigan</b>	<b>131</b>	<b>2,100</b>	<b>125</b>	<b>2,200</b>	<b>156</b>	<b>4,300</b>

**Apples: Number of farms and acres with 500 or more trees per acre by district**

District	2003		2006		2011	
	Farms	Acres	Farms	Acres	Farms	Acres
Northwest, Mason-Oceana, and East	35	230	38	300	55	670
Grand Rapids	44	530	35	520	37	660
Southwest						
<b>Michigan</b>	<b>131</b>	<b>2,100</b>	<b>125</b>	<b>2,200</b>	<b>156</b>	<b>4,300</b>

**Apples: Number of farms and acres by size group**

Size group	Farms				Acres			
	2000	2003	2006	2011	2000	2003	2006	2011
1-9 acres	435	410	415	360	1,600	1,500	1,500	1,300
10-29 acres	273	244	231	189	4,700	4,200	4,100	3,300
30-99 acres	272	236	213	169	14,800	12,900	12,000	9,400
100-199 acres	73	76	62	71	9,800	10,300	8,400	9,500
200 or more acres	47	34	29	36	16,600	13,600	11,000	13,000
Michigan	1,100	1,000	950	825	47,500	42,500	37,000	36,500

**Apples: Acres and percent of total by variety**

Variety	2000		2003		2006		2011	
	Acres	Percent	Acres	Percent	Acres	Percent	Acres	Percent
Cortland	490	1.0	470	1.1	420	1.1	350	1.0
Empire	2,940	6.2	2,490	5.9	2,080	5.6	1,740	4.8
Fuji	560	1.2	600	1.4	670	1.8	1,090	3.0
Gala	2,080	4.4	2,320	5.5	2,800	7.6	3,780	10.3
Ginger Gold	300	0.6	290	0.7	260	0.7	270	0.7
Golden Delicious	5,890	12.4	5,180	12.2	4,600	12.4	4,120	11.3
Honeycrisp	530	1.1	800	1.9	1,350	3.7	2,020	5.5
Idared	4,120	8.7	3,650	8.6	3,050	8.3	2,820	7.7
Jonagold	1,190	2.5	1,150	2.7	1,120	3.0	1,710	4.7
Jonathan	4,800	10.1	4,000	9.4	3,250	8.8	2,800	7.7
McIntosh	3,030	6.4	2,840	6.7	2,230	6.0	2,470	6.8
Mutsu	650	1.4	600	1.4	520	1.4	440	1.2
Northern Spy	2,550	5.4	2,350	5.5	1,900	5.1	1,480	4.0
Paula Red	900	1.9	650	1.5	560	1.5	550	1.5
Red Delicious	11,180	23.5	9,500	22.3	7,700	20.8	6,810	18.7
Rome	3,740	7.9	3,430	8.1	2,650	7.2	2,050	5.6
Other	2,550	5.3	2,180	5.1	1,840	5.0	2,000	5.5
Michigan	47,500	100.0	42,500	100.0	37,000	100.0	36,500	100.0

**Apples: Acres and trees of other varieties grown**

Variety	Acres	Trees	Variety	Acres	Trees
Akane (Prime Red)	5	750	Ozark Gold	14	2,100
Blondee	28	16,400	Pinata	12	8,700
Cameo	47	22,300	Pink Lady	5	2,700
Criterion	2	250	Pristine	7	1,700
Early Blaze	2	450	Redfree	24	5,500
Early Gold	73	10,500	Snow	6	350
Elstar	6	1,700	Snow Sweet	3	1,200
Enterprise	2	400	Spy Gold	9	900
Fortune	16	2,500	Transparent	28	2,500
Gold Rush	14	3,500	Tydemans Red	6	500
Golden Russet	5	1,400	Vista Bella	3	700
Granny Smith	80	17,600	Wagner	4	200
Grimes Golden	9	1,000	Wealthy	15	1,100
Jerseymac	16	2,500	Williams Pride	2	650
Jonafree	19	2,300	Winter Banana	29	6,300
Liberty	8	1,000	Wolf River	10	800
Lodi	12	1,750	Zestar	48	21,000
Macoun	6	1,100	Other	255	74,000
Melrose	9	1,500			
Mollies Delicious	6	800	Michigan	845	220,600

**Apples: Acres and trees of other rootstocks**

Rootstock	Acres	Trees
Geneva 16	65	27,300
Geneva 30	190	64,700
Interstem	215	53,400
NIC 29	185	107,000
Other	195	64,600
Michigan	850	317,000

# Blueberries

**Blueberries: Number of farms and acres by county and district**

County and district	Farms				Acres			
	2000	2003	2006	2011	2000	2003	2006	2011
<b>Northwest</b>	11	11	12	16	25	25	30	35
Muskegon	25	21	20	21	920	950	1,040	1,100
Oceana <sup>1</sup>				7				630
Ottawa	111	104	103	101	5,300	5,400	5,550	5,950
Other counties	25	27	28	21	300	330	410	420
<b>West Central</b>	161	152	151	150	6,520	6,680	7,000	8,100
Allegan	79	72	70	70	2,700	2,800	2,800	2,750
Berrien	62	63	64	64	1,160	1,220	1,190	1,070
Van Buren	191	187	191	209	7,400	7,550	7,850	8,500
Other counties	4	4	5	6	40	30	30	30
<b>Southwest</b>	336	326	330	349	11,300	11,600	11,870	12,350
<b>East</b>	67	71	82	85	455	395	400	415
<b>Michigan</b>	575	560	575	600	18,300	18,700	19,300	20,900

<sup>1</sup> Included in other counties before 2011.

**Blueberries: Number of farms and acres by size group**

Size group	Farms				Acres			
	2000	2003	2006	2011	2000	2003	2006	2011
1-9 acres	265	260	280	290	1,050	1,000	1,050	1,050
10-29 acres	163	155	157	168	2,750	2,500	2,600	2,850
30-99 acres	113	104	95	101	6,100	5,500	4,900	5,600
100-199 acres	22	26	29	23	3,000	3,400	3,950	3,200
200 or more acres	12	15	14	18	5,400	6,300	6,800	8,200
Michigan	575	560	575	600	18,300	18,700	19,300	20,900

**Blueberries: Irrigated and non-irrigated acres by variety**

Variety	Not irrigated	Drip (trickle)	Subterranean	Traveling gun	Overhead sprinkler	Other	Michigan
Bluecrop	1,000	800	90	470	3,130	10	5,500
Elliott	270	600	10	250	2,310	10	3,450
Jersey	2,070	910	210	590	2,790	30	6,600
Rubel	420	210	65	150	630	25	1,500
Other	640	730	75	290	2,090	25	3,850
Michigan	4,400	3,250	450	1,750	10,950	100	20,900

**Blueberries: Acres by district and variety**

Variety	Northwest and East	West Central	Southwest	Michigan
Aurora	0	98	82	180
Berkeley	20	28	62	110
Bluecrop	90	2,460	2,950	5,500
Bluejay	3	82	205	290
Blueray	75	225	145	445
Bluetta	2	43	110	155
Brigitta	1	35	34	70
Burlington	1	49	115	165
Collins	2	36	27	65
Draper	2	98	110	210
Duke	10	295	420	725
Earliblue	14	32	34	80
Elliott	20	1,960	1,470	3,450
Jersey	110	1,700	4,790	6,600
Liberty	0	305	135	440
Nelson	10	55	100	165
Northland	17	59	74	150
Rancocas	3	7	125	135
Rubel	10	375	1,115	1,500
Spartan	10	18	47	75
Other	50	140	200	390
Michigan	450	8,100	12,350	20,900

**Blueberries: Acres with irrigation by county and district**

County and district	Total acres	Acres with overhead irrigation	Acres with other irrigation	Acres without irrigation
Muskegon	1,100	620	340	140
Oceana	630	500	110	20
Ottawa	5,950	4,180	1,060	710
Other counties	420	200	190	30
<b>West Central</b>	<b>8,100</b>	<b>5,500</b>	<b>1,700</b>	<b>900</b>
Allegan	2,750	1,350	630	770
Berrien	1,070	75	480	515
Van Buren	8,500	3,840	2,640	2,020
Other counties	30	5	0	25
<b>Southwest</b>	<b>12,350</b>	<b>5,270</b>	<b>3,750</b>	<b>3,330</b>
<b>East &amp; NW</b>	<b>450</b>	<b>180</b>	<b>100</b>	<b>170</b>
<b>Michigan</b>	<b>20,900</b>	<b>10,950</b>	<b>5,550</b>	<b>4,400</b>

**Blueberries: Acres of other varieties grown**

Variety	Acres
Bluegold	35
Concord	12
Coville	51
Legacy	52
Patriot	34
Pemberton	50
Sierra	13
Stanley	41
Toro	15
Weymouth	53
Other	35
Michigan	390

**Blueberries: Acres by bushes per acre and year planted**

Year planted	870 or less	871-1,088	1,089-1,243	1,244-1,451	1,452 or more	Michigan
1981 and before	2,790	3,740	3,410	200	300	10,440
1982-1986	295	750	1,210	55	90	2,400
1987-1991	170	535	1,030	35	80	1,850
1992-1996	155	595	460	65	105	1,380
1997-2001	130	315	600	110	75	1,230
2002-2006	130	730	290	230	200	1,580
2007-2011	30	285	950	605	150	2,020
Michigan	3,700	6,950	7,950	1,300	1,000	20,900

**Blueberries: Acres by variety and year planted**

Year planted	Aurora	Berkeley	Bluecrop	Bluejay	Blueray	Bluetta	Brigitta	Burlington
1981 and before	0	91	2,530	49	280	93	3	105
1982-1986	0	3	910	98	72	24	7	10
1987-1991	0	9	735	78	42	17	1	20
1992-1996	0	7	455	31	37	8	0	14
1997-2001	0	0	260	6	2	1	58	9
2002-2006	69	0	355	8	5	12	1	0
2007	16	0	57	1	0	0	0	0
2008	25	0	56	3	6	0	0	0
2009	18	0	55	7	0	0	0	0
2010	39	0	63	0	0	0	0	7
2011	13	0	24	9	1	0	0	0
Michigan	180	110	5,500	290	445	155	70	165
Collins	Draper	Duke	Earliblue	Elliott	Jersey	Liberty	Nelson	
1981 and before	64	3	5	52	250	5,370	0	0
1982-1986	0	0	34	6	495	570	0	1
1987-1991	0	2	75	2	460	260	0	0
1992-1996	0	0	180	10	400	130	0	22
1997-2001	0	5	100	3	490	135	20	57
2002-2006	1	34	165	5	680	57	73	24
2007	0	31	10	0	160	38	24	9
2008	0	45	48	0	200	10	135	13
2009	0	29	87	2	125	6	47	27
2010	0	22	9	0	140	16	110	5
2011	0	39	12	0	50	8	31	7
Michigan	65	210	725	80	3,450	6,600	440	165
Northland	Rancocas	Rubel	Spartan	Other	Michigan			
1981 and before	30	120	1,160	25	210	10,440		
1982-1986	31	2	86	18	33	2,400		
1987-1991	22	2	92	20	13	1,850		
1992-1996	14	5	38	6	23	1,380		
1997-2001	14	6	44	3	17	1,230		
2002-2006	18	0	46	3	24	1,580		
2007	0	0	9	0	10	365		
2008	17	0	17	0	35	610		
2009	1	0	3	0	23	430		
2010	3	0	5	0	1	420		
2011	0	0	0	0	1	195		
Michigan	150	135	1,500	75	390	20,900		

**Blueberries: Acres and percent of total by variety**

Variety	2000		2003		2006		2011	
	Acres	Percent	Acres	Percent	Acres	Percent	Acres	Percent
Aurora	( <sup>1</sup> )		( <sup>1</sup> )		70	0.4	180	0.9
Berkeley	160	0.9	145	0.8	135	0.7	110	0.5
Bluecrop	4,950	27.0	5,230	28.0	5,350	27.7	5,500	26.3
Bluejay	280	1.5	260	1.4	270	1.4	290	1.4
Blueray	480	2.6	430	2.3	440	2.3	445	2.1
Bluetta	165	0.9	170	0.9	165	0.9	155	0.7
Brigitta	60	0.3	65	0.3	70	0.4	70	0.3
Burlington	205	1.1	175	0.9	175	0.9	165	0.8
Collins	65	0.4	65	0.3	65	0.3	65	0.3
Draper	( <sup>1</sup> )		( <sup>1</sup> )		45	0.2	210	1.0
Duke	340	1.9	420	2.2	560	2.9	725	3.5
Earliblue	85	0.5	75	0.4	80	0.4	80	0.4
Elliott	1,830	10.0	2,240	12.0	2,800	14.5	3,450	16.5
Jersey	7,190	39.3	7,090	37.9	6,650	34.5	6,600	31.6
Liberty	( <sup>1</sup> )		( <sup>1</sup> )		95	0.5	440	2.1
Nelson	85	0.5	90	0.5	105	0.5	165	0.8
Northland	120	0.7	135	0.7	140	0.7	150	0.7
Rancocas	155	0.8	150	0.8	145	0.8	135	0.6
Rubel	1,650	9.0	1,550	8.3	1,520	7.9	1,500	7.2
Spartan	70	0.4	70	0.4	75	0.4	75	0.4
Other	410	2.2	340	1.8	345	1.8	390	1.9
Michigan	18,300		18,700		19,300		20,900	

<sup>1</sup> Not yet planted or included in other.

**Blueberries: Selected irrigation methods <sup>1</sup>**

Variety	2000			2003			2006			2011		
	Drip (trickle)	Overhead sprinkler	Total irrigated	Drip (trickle)	Overhead sprinkler	Total irrigated	Drip (trickle)	Overhead sprinkler	Total irrigated	Drip (trickle)	Overhead sprinkler	Total irrigated
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Bluecrop	855	2,165	3,830	915	2,070	3,900	865	2,510	4,190	800	3,130	4,500
Elliott	280	875	1,440	315	1,075	1,790	400	1,680	2,450	600	2,310	3,180
Jersey	1,040	2,215	4,580	1,095	2,060	4,470	1,040	2,240	4,440	910	2,790	4,530
Rubel	275	445	1,060	270	415	1,000	275	520	1,100	210	630	1,080
Other	400	1,050	1,990	405	980	1,940	520	1,500	2,570	730	2,090	3,210
Michigan	2,850	6,750	12,900	3,000	6,600	13,100	3,100	8,450	14,750	3,250	10,950	16,500

<sup>1</sup> Some acres have more than one type of irrigation.

# Brambles

**Brambles: Number of farms and acres by county and district**

County and district	Farms				Acres			
	2000	2003	2006	2011	2000	2003	2006	2011
<b>Northwest</b>	30	30	28	28	50	60	55	45
<b>West Central</b>	24	25	24	22	40	40	45	50
Berrien	37	37	35	34	160	180	140	160
Other counties	16	16	13	18	30	30	20	25
<b>Southwest</b>	53	53	48	52	190	210	160	185
<b>East</b>	83	82	95	93	220	240	240	220
<b>Michigan</b>	190	190	195	195	500	550	500	500

**Brambles: Number of farms and acres by size group**

Size group	Farms				Acres			
	2000	2003	2006	2011	2000	2003	2006	2011
1-4 acres	166	163	169	172	240	250	250	250
5-9 acres	12	16	17	15	70	100	100	85
10 acres or more	12	11	9	8	190	200	150	165
<b>Michigan</b>	190	190	195	195	500	550	500	500

**Brambles: Acres by variety and year planted**

Year planted	Canby	Caroline	Heritage	Jewel	Nova	Other	Michigan
1996 and before	23	3	50	0	0	54	130
1997-2001	3	1	20	16	9	66	115
2002-2006	8	13	15	16	11	87	150
2007	1	1	0	0	0	18	20
2008	0	1	3	1	10	8	23
2009	0	7	1	0	3	17	28
2010	0	1	3	2	1	8	15
2011	0	5	0	0	2	12	19
<b>Michigan</b>	35	32	92	35	36	270	500

**Brambles: Acres by district and variety**

Variety	Northwest and West Central	East	Southwest	Michigan
Canby	10	11	14	35
Caroline	2	18	12	32
Heritage	10	75	7	92
Jewel	9	6	20	35
Nova	9	15	12	36
Other	55	95	120	270
<b>Total</b>	95	220	185	500

**Brambles: Acres of other varieties grown**

Variety	Acres	Variety	Acres
Autumn Bliss	19	Lauren	8
Autumn Britten	7	Octavia	2
Boyne	10	Polana	16
Bristol	20	Prelude	19
Chester	8	Reveille	3
Encore	13	Royalty	4
Himbo-top	3	Thornfree	6
Jaclyn	3	Titan	14
Joan J	5	Triple Crown	4
K-81-6	26	Other	55
Killarney	14		
Latham	11	Michigan	270



# Cherries, sweet

**Cherries, sweet: Number of farms and acres by county and district**

County and district	Farms				Acres			
	2000	2003	2006	2011	2000	2003	2006	2011
Antrim	30	32	30	27	860	840	730	630
Benzie, Charlevoix	25	28	21	21	340	360	300	260
Grand Traverse	94	92	83	67	1,850	1,900	1,500	1,500
Leelanau	137	133	118	107	4,200	4,150	3,500	3,450
Manistee	19	17	11	9	250	250	170	160
<b>Northwest</b>	<b>305</b>	<b>302</b>	<b>263</b>	<b>231</b>	<b>7,500</b>	<b>7,500</b>	<b>6,200</b>	<b>6,000</b>
Mason	21	18	15	10	530	520	410	360
Oceana	37	33	32	27	510	500	450	350
Other counties	32	39	35	34	110	130	140	190
<b>West Central</b>	<b>90</b>	<b>90</b>	<b>82</b>	<b>71</b>	<b>1,150</b>	<b>1,150</b>	<b>1,000</b>	<b>900</b>
Berrien	58	60	51	38	170	180	160	180
Van Buren	21	23	16	16	65	65	40	30
Other counties	11	10	12	10	35	25	20	25
<b>Southwest</b>	<b>90</b>	<b>93</b>	<b>79</b>	<b>64</b>	<b>270</b>	<b>270</b>	<b>220</b>	<b>235</b>
<b>East</b>	<b>40</b>	<b>45</b>	<b>46</b>	<b>34</b>	<b>80</b>	<b>80</b>	<b>80</b>	<b>65</b>
<b>Michigan</b>	<b>525</b>	<b>530</b>	<b>470</b>	<b>400</b>	<b>9,000</b>	<b>9,000</b>	<b>7,500</b>	<b>7,200</b>

**Cherries, sweet: Number of farms and acres by size group**

Size group	Farms				Acres			
	2000	2003	2006	2011	2000	2003	2006	2011
1-9 acres	280	300	255	215	800	850	750	700
10-29 acres	155	140	134	111	2,700	2,600	2,350	1,900
30-99 acres	80	80	77	66	3,900	3,950	3,800	3,200
100 acres or more	10	10	4	8	1,600	1,600	600	1,400
Michigan	525	530	470	400	9,000	9,000	7,500	7,200

**Cherries, sweet: Acres and trees by district and variety**

Variety	Northwest		West Central		Southwest and East		Michigan	
	Acres	Trees	Acres	Trees	Acres	Trees	Acres	Trees
Cavalier	140	14,500	50	9,900	15	2,200	205	26,600
Emperor Francis	1,380	148,100	75	8,500	5	400	1,460	157,000
Gold	1,555	157,000	255	26,000	0	0	1,810	183,000
Hedelfingen	260	24,900	35	3,700	95	11,000	390	39,600
Napoleon	660	65,200	60	6,700	5	600	725	72,500
Rainier	100	10,300	55	8,200	10	1,500	165	20,000
Sam	490	52,900	110	16,400	20	2,700	620	72,000
Schmidt	255	24,100	50	5,800	20	2,100	325	32,000
Ulster	780	80,000	95	21,400	15	2,100	890	103,500
Van	60	6,400	10	1,200	10	1,200	80	8,800
Other	320	36,600	105	23,200	105	25,200	530	85,000
Michigan	6,000	620,000	900	131,000	300	49,000	7,200	800,000

**Cherries, sweet: Acres by variety and year planted <sup>1</sup>**

Year planted	Cavalier	Emperor Francis	Gold	Hedelfingen	Napoleon	Rainier
1976 and before	7	183	143	123	118	7
1977-1981	26	183	290	48	170	24
1982-1986	54	204	309	40	88	18
1987-1991	44	262	320	61	77	59
1992	1	10	28	10	14	8
1993	0	35	35	0	5	3
1994	2	37	65	9	16	0
1995	0	52	39	13	22	2
1996	3	100	89	17	35	3
1997	1	60	47	14	25	11
1998	4	47	123	6	25	7
1999	1	40	134	15	45	2
2000	7	52	39	4	19	2
2001	1	6	6	0	2	1
2002	2	20	15	5	10	1
2003	6	13	12	2	0	3
2004	6	3	5	1	5	0
2005	2	13	8	0	5	1
2006	1	8	15	5	20	1
2007	18	41	16	0	6	1
2008	3	33	18	0	7	4
2009	2	47	4	4	3	3
2010	14	0	13	9	8	1
2011	1	10	36	2	1	2
Michigan	205	1,460	1,810	390	725	165
	Sam	Schmidt	Ulster	Van	Other	Michigan
1976 and before	26	93	9	5	62	775
1977-1981	60	29	25	3	27	885
1982-1986	96	52	94	4	32	990
1987-1991	75	30	231	48	23	1,230
1992	4	6	12	1	11	105
1993	15	1	8	1	2	105
1994	14	0	30	6	2	180
1995	16	11	41	1	12	210
1996	51	6	39	2	24	370
1997	16	9	24	1	13	220
1998	38	14	62	3	21	350
1999	76	18	70	1	16	420
2000	14	9	45	0	14	205
2001	4	1	15	0	3	40
2002	10	3	18	1	5	90
2003	1	3	17	0	5	60
2004	5	0	12	0	2	40
2005	8	0	16	0	31	85
2006	11	16	25	2	16	120
2007	9	20	24	0	35	170
2008	25	2	23	0	45	160
2009	9	1	10	0	22	105
2010	18	0	25	0	77	165
2011	20	0	16	2	30	120
Michigan	620	325	890	80	530	7,200

<sup>1</sup> Acres may not add exactly to totals due to rounding.

**Cherries, sweet: Trees by variety and year planted <sup>1</sup>**

Year planted	Cavalier	Emperor Francis	Gold	Hedelfingen	Napoleon	Rainier
1976 and before	550	15,000	13,900	8,900	9,800	600
1977-1981	2,500	16,900	27,200	5,000	15,100	2,400
1982-1986	5,700	19,800	29,200	4,400	8,400	1,700
1987-1991	4,700	27,200	32,300	6,000	7,700	6,700
1992	100	1,050	2,900	950	1,800	1,150
1993	0	3,300	3,700	0	600	400
1994	200	3,900	6,500	850	1,550	0
1995	0	4,450	4,600	1,550	2,700	200
1996	400	11,300	9,100	1,900	3,600	350
1997	100	7,000	5,200	1,600	2,700	1,500
1998	400	4,900	12,900	2,000	2,700	800
1999	150	4,100	15,200	1,950	5,600	350
2000	800	5,200	4,350	450	2,000	300
2001	150	700	650	0	150	300
2002	300	2,100	1,500	650	1,000	200
2003	700	1,250	1,100	200	0	350
2004	1,900	300	650	250	700	0
2005	300	1,700	900	0	600	400
2006	200	950	1,800	500	2,900	200
2007	5,000	4,100	1,750	0	650	150
2008	350	3,800	1,850	0	750	600
2009	250	16,900	450	800	350	600
2010	1,700	0	1,500	1,400	1,000	150
2011	150	1,100	3,800	250	150	600
Michigan	26,600	157,000	183,000	39,600	72,500	20,000
	Sam	Schmidt	Ulster	Van	Other	Michigan
1976 and before	169	170	171	172	999	
1977-1981	2,250	8,500	700	400	6,000	66,600
1982-1986	6,000	2,600	2,400	350	2,450	82,900
1987-1991	11,700	3,800	9,200	500	2,900	97,300
1992	8,000	2,800	21,300	5,000	2,700	124,400
1993	500	500	1,150	100	1,100	11,300
1994	1,700	100	950	100	250	11,100
1995	1,350	0	3,350	700	200	18,600
1996	1,950	1,150	5,000	100	1,300	23,000
1997	5,300	650	4,050	200	3,250	40,100
1998	2,000	1,200	2,450	100	1,550	25,400
1999	4,600	1,550	6,450	400	3,300	40,000
2000	9,300	1,900	10,800	150	4,800	54,300
2001	1,500	1,400	5,300	0	2,400	23,700
2002	600	200	2,450	0	300	5,500
2003	1,400	300	1,850	150	650	10,100
2004	100	300	1,850	0	750	6,600
2005	700	0	1,500	0	300	6,300
2006	1,350	0	1,650	0	4,700	11,600
2007	1,550	2,200	2,800	250	3,050	16,400
2008	1,000	2,300	8,700	0	4,850	28,500
2009	3,250	250	3,050	0	10,500	24,400
2010	1,200	300	1,650	0	3,500	26,000
2011	2,200	0	3,050	0	19,400	30,400
Michigan	2,500	0	1,850	300	4,800	15,500
Michigan	72,000	32,000	103,500	8,800	85,000	800,000

<sup>1</sup> Trees may not add exactly to totals due to rounding.

**Cherries, sweet: Acres of other varieties grown**

Variety	Acres	Trees
Anderson	32	3,750
Attika	38	8,250
Benton	6	1,200
Bing	7	750
Black Gold	50	10,800
Black York	13	1,650
Blushing Gold	11	1,150
Chelen	3	550
Hardy Giant	22	2,050
Hartland	8	1,550
Hudson	6	700
Kristen	43	5,300
Lapin	17	5,200
Nelson	53	5,200
Regina	58	15,100
Royalton	9	1,650
Somerset	16	2,200
Stella	5	600
Summit	11	1,550
Vega	9	900
Vista	18	1,700
White Gold	5	750
Windsor	29	2,550
Other	61	9,900
Michigan	530	85,000

**Cherries, sweet: Acres and trees by rootstock**

Variety	Acres	Trees
Mahaleb	2,650	288,000
Mazzard	3,300	329,000
M x M2	95	10,300
M x M60	830	99,500
Gisela 5	150	38,300
Gisela 6	105	24,500
Other	70	10,400
Michigan	7,200	800,000

**Cherries, sweet: Acres and percent of total by variety**

Variety	2000		2003		2006		2011	
	Acres	Percent	Acres	Percent	Acres	Percent	Acres	Percent
Cavalier	165	1.8	230	2.6	190	2.5	205	2.8
Emperor Francis	1,860	20.7	1,850	20.5	1,530	20.4	1,460	20.3
Gold	2,500	27.8	2,540	28.2	2,100	28	1,810	25.1
Hedelfingen	570	6.3	595	6.6	495	6.6	390	5.4
Napoleon	1,170	13	1,085	12.1	795	10.6	725	10.1
Rainier	285	3.2	265	2.9	205	2.7	165	2.3
Regina					5	0.1	58	0.8
Sam	535	5.9	575	6.4	575	7.7	620	8.6
Schmidt	575	6.4	465	5.2	400	5.3	325	4.5
Ulster	680	7.6	780	8.7	710	9.5	890	12.4
Van	130	1.4	120	1.3	85	1.1	80	1.1
Other	530	5.9	495	5.5	410	5.5	472	6.6
Michigan	9,000		9,000		7,500		7,200	

# Cherries, tart

**Cherries, tart: Number of farms and acres by county and district**

County and district	Farms				Acres			
	2000	2003	2006	2011	2000	2003	2006	2011
Antrim, Charlevoix	35	38	40	34	2,450	2,650	2,800	3,400
Benzie	26	21	21	22	1,200	1,400	1,400	1,500
Grand Traverse	97	92	81	76	4,100	4,250	4,200	4,400
Leelanau	143	131	124	107	8,100	8,450	8,150	7,800
Manistee	26	23	18	13	850	850	800	800
<b>Northwest</b>	<b>327</b>	<b>305</b>	<b>284</b>	<b>252</b>	<b>16,700</b>	<b>17,600</b>	<b>17,350</b>	<b>17,900</b>
Kent	8	12	10	8	280	340	320	230
Mason	24	22	17	10	1,800	1,900	1,770	1,850
Muskegon	5	6			170	190		
Newaygo	8	8			210	190		
Oceana	71	67	65	60	7,750	8,000	8,000	7,900
Other counties	7	11	14	10	90	80	260	220
<b>West Central</b>	<b>123</b>	<b>126</b>	<b>106</b>	<b>88</b>	<b>10,300</b>	<b>10,700</b>	<b>10,350</b>	<b>10,200</b>
Allegan	11	8	6		280	290	200	
Berrien	77	70	66	52	1,950	1,650	1,750	1,550
Cass	4				120			
Kalamazoo	7				140			
Van Buren	36	39	30	22	1,450	1,500	1,850	1,750
Other counties		10	9	9		200	450	550
<b>Southwest</b>	<b>135</b>	<b>127</b>	<b>111</b>	<b>83</b>	<b>3,940</b>	<b>3,640</b>	<b>4,250</b>	<b>3,850</b>
<b>East</b>	<b>30</b>	<b>42</b>	<b>39</b>	<b>27</b>	<b>60</b>	<b>60</b>	<b>50</b>	<b>50</b>
<b>Michigan</b>	<b>615</b>	<b>600</b>	<b>540</b>	<b>450</b>	<b>31,000</b>	<b>32,000</b>	<b>32,000</b>	<b>32,000</b>

**Cherries, tart: Number of farms and acres by size group**

Size group	Farms				Acres			
	2000	2003	2006	2011	2000	2003	2006	2011
1-9 acres	135	170	140	105	570	650	530	500
10-29 acres	198	175	155	115	3,630	3,200	2,720	2,100
30-99 acres	205	170	159	148	10,700	9,150	8,850	8,400
100-199 acres	55	54	56	56	7,200	7,500	7,700	8,000
200 acres or more	22	31	30	26	8,900	11,500	12,200	13,000
Michigan	615	600	540	450	31,000	32,000	32,000	32,000

**Cherries, tart: Acres and trees by district and variety**

Variety	Northwest		West Central		Southwest and East		Michigan	
	Acres	Trees	Acres	Trees	Acres	Trees	Acres	Trees
Balaton	670	77,000	200	23,000	30	3,700	900	103,700
Montmorency	17,000	1,977,000	9,750	1,084,000	3,850	439,000	30,600	3,500,000
Other	230	26,000	250	28,000	20	2,300	500	56,300
Michigan	17,900	2,080,000	10,200	1,135,000	3,900	445,000	32,000	3,660,000

**Cherries, tart: Acres by district and year planted <sup>1</sup>**

Year planted	Northwest	West Central	Southwest and East	Michigan
1982 & before	4,770	2,150	170	7,090
1983	555	260	45	860
1984	365	200	55	620
1985	550	355	90	995
1986	505	240	50	795
1987	335	215	35	585
1988	390	175	40	605
1989	260	175	20	455
1990	255	330	155	740
1991	275	430	40	745
1992	375	220	90	685
1993	295	245	90	630
1994	560	300	185	1,045
1995	445	230	70	745
1996	395	155	150	700
1997	195	130	80	405
1998	320	175	80	575
1999	520	190	75	785
2000	615	255	125	995
2001	525	275	85	885
2002	535	250	205	990
2003	670	240	210	1,120
2004	755	370	325	1,450
2005	640	475	360	1,475
2006	840	510	175	1,525
2007	615	330	45	990
2008	425	325	480	1,230
2009	360	390	70	820
2010	280	335	65	680
2011	275	270	235	780
Michigan	17,900	10,200	3,900	32,000

**Cherries, tart: Trees by district and year planted <sup>1</sup>**

Year planted	Northwest	West Central	Southwest and East	Michigan
1982 & before	546,000	243,000	17,700	806,700
1983	66,000	28,500	4,700	99,200
1984	44,000	20,500	5,400	69,900
1985	60,400	39,600	10,100	110,100
1986	55,800	27,600	5,400	88,800
1987	37,900	22,500	3,900	64,300
1988	45,000	20,500	4,600	70,100
1989	30,000	19,000	2,200	51,200
1990	29,500	36,600	19,100	85,200
1991	30,500	43,900	4,600	79,000
1992	44,000	25,700	10,300	80,000
1993	35,000	29,200	10,200	74,400
1994	67,000	33,800	20,700	121,500
1995	50,900	25,400	7,900	84,200
1996	43,000	18,600	17,500	79,100
1997	21,800	13,300	8,800	43,900
1998	37,400	18,900	9,200	65,500
1999	62,300	21,600	8,500	92,400
2000	71,000	30,000	15,500	116,500
2001	62,000	33,000	9,400	104,400
2002	62,800	28,000	23,000	113,800
2003	80,000	28,000	24,500	132,500
2004	89,100	38,800	36,900	164,800
2005	77,700	57,000	39,800	174,500
2006	99,700	57,100	22,400	179,200
2007	72,400	35,500	5,100	113,000
2008	51,200	33,900	53,500	138,600
2009	42,200	42,000	7,800	92,000
2010	33,100	35,100	7,300	75,500
2011	32,300	28,400	29,000	89,700
Michigan	2,080,000	1,135,000	445,000	3,660,000

<sup>1</sup> Acres may not add exactly to totals due to rounding.

<sup>1</sup> Trees may not add exactly to totals due to rounding.

**Cherries, tart: Acres by year planted and variety**

Year planted	Balaton	Montmorency	Other	Total
2006 & before	870	26,150	480	27,500
2007 - 2011	30	4,450	20	4,500
Michigan	900	30,600	500	32,000

**Cherries, tart: Acres  
by rootstock**

Rootstock	Acres
Mahaleb	28,400
Mazzard	2,600
M X M2	260
M X M60	580
Other	160
Michigan	32,000

# Cranberries

## Cranberries: Number of farms and acres by district

District	Farms	Acres
Northwest and East	3	250
West Central and Southwest	7	80
Michigan	10	330

## Cranberries: Acres by year planted

Year	Acres
1995 and before	65
1996--2000	170
2001--2006	10
2007--2011	85
Michigan	330

## Cranberries: Acres by variety

Variety	Acres
Ben Lear	13
Bergman	6
Grygleski 1	49
Hyred	7
La Monyon	35
Native	9
Pilgrim	92
Searles	13
Stevens	98
Other	8
Michigan	330



# Grapes

**Grapes: Number of farms and acres by county and district**

County and district	Farms				Acres			
	2000	2003	2006	2011	2000	2003	2006	2011
Grand Traverse	20	34	42	54	255	395	530	700
Leelanau	20	26	33	39	275	325	480	680
Other counties	3	7	10	17	20	20	30	70
<b>Northwest</b>	<b>43</b>	<b>67</b>	<b>85</b>	<b>110</b>	<b>550</b>	<b>740</b>	<b>1,040</b>	<b>1,450</b>
Berrien	245	230	207	180	7,000	7,500	7,580	7,570
Van Buren	106	102	99	94	4,850	5,000	5,000	4,700
Other counties	25	26	20	14	950	950	950	980
<b>Southwest</b>	<b>376</b>	<b>358</b>	<b>326</b>	<b>288</b>	<b>12,800</b>	<b>13,450</b>	<b>13,530</b>	<b>13,250</b>
<b>West Central and East</b>	<b>31</b>	<b>40</b>	<b>49</b>	<b>57</b>	<b>150</b>	<b>210</b>	<b>230</b>	<b>300</b>
<b>Michigan</b>	<b>450</b>	<b>465</b>	<b>460</b>	<b>455</b>	<b>13,500</b>	<b>14,400</b>	<b>14,800</b>	<b>15,000</b>

**Grapes: Number of farms and acres by size group**

Size group	Farms				Acres			
	2000	2003	2006	2011	2000	2003	2006	2011
1-9 acres	187	200	200	215	850	850	850	850
10-29 acres	152	150	142	132	2,550	2,550	2,500	2,250
30-99 acres	84	82	85	75	4,400	4,100	4,300	3,800
100 acres or more	27	33	33	33	5,700	6,900	7,150	8,100
<b>Michigan</b>	<b>450</b>	<b>465</b>	<b>460</b>	<b>455</b>	<b>13,500</b>	<b>14,400</b>	<b>14,800</b>	<b>15,000</b>

**Grapes: Acres by variety and year planted**

Year planted	Cabernet Franc	Concord	Chardonnay	Merlot	Niagara	Pinot Gris	Pinot Noir	Riesling	Seyval	Vidal Blanc	Vignoles	Other	Michigan
1981 and before	0	7,180	4	4	730	0	1	23	35	75	22	66	8,140
1982-1986	0	120	3	0	280	0	2	28	8	5	5	24	475
1987-1991	3	390	51	5	600	15	23	14	7	6	32	74	1,220
1992-1996	10	250	57	7	430	29	18	53	1	1	1	53	910
1997-2001	49	885	40	29	1,260	46	40	140	7	3	1	110	2,610
2002-2006	51	180	23	26	175	62	87	135	6	40	10	180	975
2007	4	0	14	8	1	35	27	45	0	0	0	46	180
2008	19	3	10	12	4	5	25	71	0	0	2	44	195
2009	9	3	9	9	0	7	8	55	1	0	4	35	140
2010	5	10	2	2	0	7	2	20	0	0	1	31	80
2011	5	9	2	3	0	4	2	11	0	0	2	37	75
<b>Michigan</b>	<b>155</b>	<b>9,030</b>	<b>215</b>	<b>105</b>	<b>3,480</b>	<b>210</b>	<b>235</b>	<b>595</b>	<b>65</b>	<b>130</b>	<b>80</b>	<b>700</b>	<b>15,000</b>

**Grapes: Acres and vines by principal use**

Principal use	Acres	Vines
Juice	12,100	6,715,000
Table	250	180,000
Wine	2,650	2,425,000
Michigan	15,000	9,320,000

**Grapes: Acres by district and variety**

Variety	Northwest	West Central and East	Southwest	Michigan
Cabernet Franc	92	8	55	155
Concord	5	55	8,970	9,030
Chardonnay	165	8	42	215
Merlot	62	5	38	105
Niagara	5	95	3,380	3,480
Pinot Gris	155	2	53	210
Pinot Noir	196	10	29	235
Riesling	485	10	100	595
Seyval	12	6	47	65
Vidal Blanc	1	4	125	130
Vignoles	32	7	41	80
Other	240	90	370	700
Michigan	1,450	300	13,250	15,000

**Grapes: Acres of other varieties grown**

Variety	Acres	Variety	Acres
Aurore	3	Lemberger	18
Baco Noir	12	Leon Millot	5
Cabernet Sauvignon	36	Marquette	12
Catawba	15	Muscat (Vinifera)	9
Cayuga White	21	Pinot Blanc	25
Chambourcin	49	Pinot Meniuer	4
Chancellor	46	Regent	8
Chardonel	28	Sauvignon Blanc	22
Chelois	2	Syrah	17
De Chaunac	30	Traminette	49
Dornfelder	4	Valvin Muscat	2
Foch	62	Viognier	4
Fredonia	6	Zweigelt	9
Frontenac	20	Others	100
Gewurtztraminer	60		
Gruner Veltliner	16	Michigan	700
Himrod	6		

**Grapes: Acres and percent of total by variety or category**

Variety or category	2000		2003		2006		2011	
	Acres	Percent	Acres	Percent	Acres	Percent	Acres	Percent
Concord	9,200	68.1	9,530	66.2	9,350	63.2	9,030	60.2
Niagara	3,000	22.2	3,450	24.0	3,520	23.8	3,480	23.2
Hybrids	620	4.6	550	3.8	625	4.2	675	4.5
Vinifera	640	4.7	840	5.8	1,270	8.6	1,765	11.8
Other natives	40	0.3	30	0.2	35	0.2	50	0.3
Michigan	13,500		14,400		14,800		15,000	

# Nectarines

**Nectarines: Number of farms and acres by district**

District	Farms				Acres			
	2000	2003	2006	2011	2000	2003	2006	2011
<b>Northwest</b>	4	4	4	7	3	5	7	8
<b>West</b>	10	10	11	13	15	15	15	13
<b>Central</b>	41	40	37	37	90	75	63	54
<b>Southwest</b>	3	8	10	8	2	5	5	5
<b>East</b>								
<b>Michigan</b>	58	62	62	65	110	100	90	80

**Nectarines: Acres and trees by year planted**

Year planted	Acres	Trees
1996 and earlier	16	2,500
1997-2001	30	4,000
2002-2006	16	3,500
2007-2011	18	4,000
<b>Michigan</b>	80	14,000

**Nectarines: Acres and trees by variety**

Variety	Acres	Trees
Eastern Glo	4	1,000
Fantasia	33	5,700
Hardired	3	350
Juneglo	7	950
Red Gold	5	900
Summer	4	700
Beauty	2	300
Sunglo	22	4,100
Other		
<b>Michigan</b>	80	14,000

# Peaches

**Peaches: Number of farms and acres by county and district**

County and district	Farms				Acres			
	2000	2003	2006	2011	2000	2003	2006	2011
Antrim			13	8			40	30
Leelanau	12	14	20	15	50	70	35	30
Manistee	15	15	13	11	95	90	60	40
Other counties	27	36	23	16	65	70	45	45
<b>Northwest</b>	<b>54</b>	<b>65</b>	<b>69</b>	<b>50</b>	<b>210</b>	<b>230</b>	<b>180</b>	<b>145</b>
Kent	17	19	18	15	85	120	130	90
Mason	14	15	12	7	330	390	180	140
Muskegon	7	10	7	8	95	120	100	140
Newaygo	4	6	6	6	85	100	100	50
Oceana	66	70	67	51	1,800	1,900	1,630	1,220
Ottawa	14	15	13	11	110	130	125	105
Other counties	8	9	7	6	35	40	35	35
<b>West Central</b>	<b>130</b>	<b>144</b>	<b>130</b>	<b>104</b>	<b>2,540</b>	<b>2,800</b>	<b>2,300</b>	<b>1,780</b>
Allegan	28	27	26	22	470	380	275	270
Berrien	133	122	111	96	1,800	1,700	1,570	1,450
Van Buren	39	32	27	22	420	320	230	150
Other counties	7	10	7	8	40	50	25	30
<b>Southwest</b>	<b>207</b>	<b>191</b>	<b>171</b>	<b>148</b>	<b>2,730</b>	<b>2,450</b>	<b>2,100</b>	<b>1,900</b>
<b>East</b>	<b>69</b>	<b>70</b>	<b>70</b>	<b>58</b>	<b>220</b>	<b>220</b>	<b>220</b>	<b>175</b>
<b>Michigan</b>	<b>460</b>	<b>470</b>	<b>440</b>	<b>360</b>	<b>5,700</b>	<b>5,700</b>	<b>4,800</b>	<b>4,000</b>

**Peaches: Number of farms and acres by size group**

Size group	Farms				Acres			
	2000	2003	2006	2011	2000	2003	2006	2011
1-9 acres	291	319	305	235	950	1,050	950	700
10-49 acres	150	128	115	109	3,050	2,750	2,300	2,250
50+ acres	19	23	20	16	1,700	1,900	1,550	1,050
Michigan	460	470	440	360	5,700	5,700	4,800	4,000

**Peaches: Acres by variety and year planted**

Year planted	Allstar	Baby Gold-5	Bellaire	Canadian Harmony	Catherina	Coralstar	Glohaven	Glowingstar
1991 and before	0	52	22	36	0	0	11	0
1992-1996	7	49	6	13	0	4	19	3
1997-2001	26	155	23	21	15	36	15	42
2002-2006	15	166	5	15	62	26	5	4
2007	6	21	1	0	12	5	0	19
2008	0	2	1	0	21	1	0	3
2009	4	0	7	1	15	0	0	10
2010	11	0	1	1	0	27	1	0
2011	5	10	2	1	0	1	0	7
Michigan	74	455	68	88	125	100	51	88
	Goldnine	Loring	PF-12A	PF-15A	PF-17	PF-23	PF-24-007	PF-27A
1991 and before	8	12	2	0	6	0	1	4
1992-1996	47	8	33	17	54	68	13	11
1997-2001	314	22	16	17	31	27	13	30
2002-2006	53	6	3	1	22	9	16	9
2007	0	1	0	0	0	18	2	0
2008	0	1	0	11	2	9	0	0
2009	0	0	0	0	2	12	1	0
2010	0	0	0	0	7	6	0	0
2011	3	1	0	0	1	1	0	0
Michigan	425	51	54	46	125	150	46	54
	PF-Lucky-13	Redhaven	Starfire	Venture	Vinegold	Virgil	Other	Michigan
1991 and before	0	143	0	0	0	0	103	400
1992-1996	0	146	3	0	0	0	99	600
1997-2001	10	188	24	2	12	0	231	1,270
2002-2006	3	104	21	63	121	54	157	940
2007	28	16	6	50	21	22	52	280
2008	0	4	0	18	6	13	28	120
2009	9	21	5	12	0	1	45	145
2010	1	21	9	0	0	0	40	125
2011	0	7	11	0	5	5	60	120
Michigan	51	650	79	145	165	95	815	4,000

**Peaches: Trees by variety and year planted**

Year planted	Allstar	Baby Gold-5	Bellaire	Canadian Harmony	Catherina	Coralstar	Glohaven	Glowingstar
1991 and before	0	7,000	3,200	4,800	0	0	1,600	0
1992-1996	1,300	6,500	1,000	2,200	0	800	2,800	500
1997-2001	4,800	23,100	5,200	3,700	3,600	5,900	2,000	7,600
2002-2006	2,300	24,900	800	2,100	10,700	4,400	550	750
2007	900	2,500	150	0	1,600	700	0	4,400
2008	0	300	200	0	2,600	200	0	450
2009	1,700	0	2,500	150	3,100	0	0	2,200
2010	1,800	0	250	150	0	6,700	150	0
2011	800	1,400	400	200	0	200	0	1,200
Michigan	13,600	65,700	13,700	13,300	21,600	18,900	7,100	17,100
	Goldnine	Loring	PF-12A	PF-15A	PF-17	PF-23	PF-24-007	PF-27A
1991 and before	900	1,600	250	0	900	0	150	400
1992-1996	7,000	1,100	4,600	3,000	9,900	15,500	3,700	2,600
1997-2001	46,300	3,800	3,100	3,300	6,300	5,500	1,700	7,400
2002-2006	8,700	900	550	200	8,000	1,700	2,000	1,400
2007	0	150	0	0	0	4,200	600	0
2008	0	150	0	2,200	300	1,300	0	0
2009	0	0	0	0	400	2,700	150	0
2010	0	0	0	0	1,100	1,100	0	0
2011	600	200	0	0	200	200	0	0
Michigan	63,500	7,900	8,500	8,700	27,100	32,200	8,300	11,800
	PF-Lucky-13	Redhaven	Starfire	Venture	Vinegold	Virgil	Other	Michigan
1991 and before	0	20,900	0	0	0	0	15,300	57,000
1992-1996	0	21,200	500	0	0	0	14,200	98,400
1997-2001	2,700	30,700	3,800	400	2,000	0	41,100	214,000
2002-2006	450	16,700	3,300	10,400	22,000	7,800	26,400	157,000
2007	6,100	3,300	800	7,900	2,900	2,900	12,100	51,200
2008	0	1,100	0	2,800	1,800	3,300	6,500	23,200
2009	2,100	6,400	1,400	1,800	0	200	9,700	34,500
2010	250	3,500	1,900	0	0	0	7,600	24,500
2011	0	1,200	1,500	0	1,000	1,000	10,100	20,200
Michigan	11,600	105,000	13,200	23,300	29,700	15,200	143,000	680,000

**Peaches: Acres by variety and type**

Variety and type	2000	2003	2006	2011
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Allstar	52	55	69	74
Autumnstar	(1)	(1)	8	42
Bellaire	125	115	89	68
Belle of Georgia	(1)	3	2	(1)
Biscoe	9	10	8	6
Blazingstar	10	14	15	23
Blushingstar	14	15	15	16
Brightstar	(1)	(1)	(1)	13
Canadian Harmony	200	150	110	88
Candor	8	8	3	2
Coralstar	62	87	80	100
Cresthaven	100	85	62	30
Earllystar	(1)	(1)	(1)	11
Encore	12	10	9	5
Fayette	70	61	43	20
Garnet Beauty	45	28	14	10
Glohaven	120	105	78	51
Glowingstar	76	74	67	88
Harbelle	8	3	5	(1)
Harbinger	3	3	(1)	(1)
Harbrite	19	18	15	11
Harcrest	13	12	7	4
Harrow Beauty	7	10	8	5
Harrow Diamond	20	19	9	8
Jayhaven	29	17	12	4
Jersey Dawn	18	20	9	2
Jersey Glo	4	5	3	2
Jim Dandee	48	50	38	14
John Boy	27	40	38	39
Loring	125	105	110	51
Newhaven	140	90	35	13
PF-1	55	56	48	44
PF-5B	16	23	17	21
PF-7	(1)	14	10	15
PF-8-BALL	(1)	(1)	(1)	6
PF-9A-007	(1)	(1)	(1)	8
PF-12A	120	110	85	54
PF-Lucky 13	(1)	(1)	15	51
PF-14 NJ	15	21	17	22
PF-15A	75	80	67	46
PF-17	150	160	145	125
PF-19A	30	13	2	13
PF-20-007	8	7	7	6
PF-23	120	150	135	150
PF-24-007	39	46	44	46
PF-25	(1)	11	21	28
PF-27A	31	54	63	54
PF-Other	40	42	40	35
Redhaven	1,330	1,130	880	650
Redkist	30	30	21	10
Redskin	185	145	84	44
Redstar	18	26	32	36
Reliance	5	4	4	2
Risingstar	24	32	36	28
Saturn	(1)	(1)	(1)	3
Starfire	23	40	66	79
Summer Serenade	10	21	21	37
Suncrest	18	13	10	6
Sweethaven	10	14	6	(1)
Sweet Sue	9	9	6	2
Other	165	207	187	159
Melting flesh total <sup>2</sup>	3,890	3,670	3,030	2,580

See footnote(s) at end of table.

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**Peaches: Acres by variety and type (continued)**

Variety and type	2000	2003	2006	2011
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Baby Gold-5	1,025	1,040	745	455
Baby Gold-7	15	10	35	10
Catherina	(1)	(1)	65	125
Goldnine	770	890	645	425
Venture	(1)	(1)	64	145
Vinegold	(1)	87	155	165
Virgil	(1)	(1)	61	95
Other		3		
Non-melting flesh total <sup>2</sup>	1,810	2,030	1,770	1,420
Michigan	5,700	5,700	4,800	4,000

<sup>1</sup> Not yet grown, no longer grown, or included in other.

<sup>2</sup> Melting flesh types are generally used for fresh market and non-melting types for processing.

**Peaches: Acres and trees by district and variety**

Variety	West Central		Southwest		Northwest and East		Michigan	
	Acres	Trees	Acres	Trees	Acres	Trees	Acres	Trees
Allstar	10	3,400	62	9,800	2	400	74	13,600
Baby Gold-5	413	59,800	35	5,000	7	900	455	65,700
Bellaire	19	6,200	36	5,500	13	2,000	68	13,700
Canadian Harmony	34	6,400	39	5,000	15	1,900	88	13,300
Catherina	121	20,800	4	800	0	0	125	21,600
Coralstar	30	5,300	65	12,900	5	700	100	18,900
Glohaven	10	1,100	30	4,300	11	1,700	51	7,100
Glowingstar	3	600	83	16,200	2	300	88	17,100
Goldnine	412	61,600	13	1,900	0	0	425	63,500
Loring	1	100	48	7,500	2	300	51	7,900
PF-12A	24	5,200	21	2,200	9	1,100	54	8,500
PF-15A	10	1,900	34	6,300	2	500	46	8,700
PF-17	10	2,000	108	24,000	7	1,100	125	27,100
PF-23	22	5,000	115	25,000	13	2,200	150	32,200
PF-24-007	0	0	43	7,900	3	400	46	8,300
PF-27A	5	800	47	10,700	2	300	54	11,800
PF-Lucky-13	4	600	45	10,700	2	300	51	11,600
Redhaven	212	41,100	335	50,500	103	13,400	650	105,000
Starfire	1	100	73	12,300	5	800	79	13,200
Venture	108	17,200	22	3,900	15	2,200	145	23,300
Vinegold	157	28,500	0	0	8	1,200	165	29,700
Virgil	78	12,500	7	1,300	10	1,400	95	15,200
Other	96	19,800	635	112,300	84	10,900	815	143,000
Michigan	1,780	300,000	1,900	336,000	320	44,000	4,000	680,000

# Pears

**Pears: Number of farms and acres by county and district**

County and district	Farms				Acres			
	2000	2003	2006	2011	2000	2003	2006	2011
Antrim	7	7	9	7	40	45	35	35
Grand Traverse	6	7	6	6	45	45	55	55
Leelanau	8	8	10	9	31	45	45	40
Other counties	8	10	9	10	23	25	20	20
<b>Northwest</b>	33	32	34	32	155	160	155	150
Mason	11	9	10	7	95	100	85	65
Oceana	16	15	13	14	260	270	250	250
Other counties	16	15	16	12	50	50	50	35
<b>West Central</b>	43	39	39	33	405	420	385	350
Allegan	17	14	13	7	80	75	50	50
Berrien	28	27	27	26	85	70	55	50
Van Buren	15	12	14	10	85	85	70	65
Other counties	4	5	5	4	5	5	5	5
<b>Southwest</b>	64	58	59	47	255	235	180	170
<b>East</b>	60	66	78	58	85	85	80	60
<b>Michigan</b>	200	195	210	170	900	900	800	730

**Pears: Number of farms and acres by size group**

Size group	Farms				Acres			
	2000	2003	2006	2011	2000	2003	2006	2011
1-4 acres	145	148	167	136	220	220	200	185
5-9 acres	30	22	21	14	195	150	140	95
10-19 acres	18	19	16	12	225	270	190	140
20 acres or more	7	6	6	8	260	260	270	310
Michigan	200	195	210	170	900	900	800	730

**Pears: Acres and variety by year planted**

Year planted	Bartlett	Other	Michigan
1986 and before	470	50	520
1987-1996	70	30	100
1997-2006	62	38	100
2007-2011	3	7	10
Michigan	605	125	730

**Pears: Acres and trees of other varieties grown**

Variety	Acres	Trees
Asian	13	2,800
Bosc	42	4,900
Clapp's	6	650
D'Anjou	5	500
Kieffer	2	150
Red Sensation	2	200
Other	55	7,100
Michigan	125	16,300

**Pears: Trees and variety by year planted**

Year planted	Bartlett	Other	Michigan
1986 and before	52,600	5,400	58,000
1987-1996	8,400	4,500	12,900
1997-2006	8,200	5,400	13,600
2007-2011	500	1,000	1,500
Michigan	69,700	16,300	86,000

**Pears: Acres and trees by district and variety**

Variety	Northwest and East		West Central		Southwest		Michigan	
	Acres	Trees	Acres	Trees	Acres	Trees	Acres	Trees
Bartlett	155	16,200	330	40,400	120	13,100	605	69,700
Other	55	7,500	20	2,400	50	6,400	125	16,300
Total	210	23,700	350	42,800	170	19,500	730	86,000

# Plums

**Plums: Number of farms and acres by county and district**

County and district	Farms				Acres			
	2000	2003	2006	2011	2000	2003	2006	2011
Grand Traverse	9	9	8	8	60	65	65	50
Leelanau	21	23	22	18	185	190	160	115
Other counties	7	8	12	12	35	35	55	45
<b>Northwest</b>	37	40	42	38	280	290	280	210
Kent	( <sup>1</sup> )	( <sup>1</sup> )	6	8	( <sup>1</sup> )	( <sup>1</sup> )	55	55
Oceana	15	13	11	9	155	115	85	75
Other counties	24	25	18	16	145	150	70	65
<b>West Central</b>	39	38	35	33	300	265	210	195
Berrien	43	36	40	29	150	110	80	55
Van Buren	25	18	17	11	180	150	110	90
Other counties	9	12	12	8	55	50	40	30
<b>Southwest</b>	77	66	69	48	385	310	230	175
<b>East</b>	37	36	39	31	35	35	30	20
<b>Michigan</b>	190	180	185	150	1,000	900	750	600

<sup>1</sup> Included in other counties

**Plums: Number of farms and acres by size group**

Size group	Farms				Acres			
	2000	2003	2006	2011	2000	2003	2006	2011
1-4 acres	123	124	134	113	180	190	170	130
5-9 acres	34	25	25	16	220	160	160	110
10-19 acres	23	22	19	15	310	300	240	210
20 acres or more	10	9	7	6	290	250	180	150
Michigan	190	180	185	150	1,000	900	750	600

**Plums: Acres by variety and year planted**

Year planted	Stanley	Other	Michigan
1991 and before	100	30	130
1992-1996	95	20	115
1997-2001	52	93	145
2002-2006	46	94	140
2007	21	12	33
2008	0	3	3
2009	1	3	4
2010	0	22	22
2011	0	8	8
Michigan	315	285	600

**Plums: Trees by variety and year planted**

Year planted	Stanley	Other	Michigan
1991 and before	10,600	3,200	13,800
1992-1996	12,300	2,000	14,300
1997-2001	7,400	14,100	21,500
2002-2006	6,800	13,300	20,100
2007	2,500	3,100	5,600
2008	0	700	700
2009	200	600	800
2010	0	5,800	5,800
2011	0	1,400	1,400
Michigan	39,800	44,200	84,000

**Plums: Acres and trees of other varieties grown**

Variety	Acres	Trees
Burbank	2	300
Castleton	51	10,800
Damson	56	6,700
Early Golden	2	250
Italian	7	850
Methley	2	200
NY 6	12	1,500
Ozark Premier	3	350
Red Heart	2	250
Santa Rosa	2	200
Shiro	11	1,600
Toka/Bubblegum	2	300
Other	63	10,200
Michigan	215	33,500

**Plums: Acres and trees by district and variety**

Variety	Northwest		West Central and East		Southwest		Michigan	
	Acres	Trees	Acres	Trees	Acres	Trees	Acres	Trees
NY 9	18	2,600	50	7,800	2	300	70	10,700
Stanley	115	13,800	75	10,200	125	15,800	315	39,800
Other	77	9,100	90	18,500	48	5,900	215	33,500
Total	210	25,500	215	36,500	175	22,000	600	84,000

# Strawberries

**Strawberries: Number of farms and acres by county and district**

County and district	Farms				Acres			
	2000	2003	2006	2011	2000	2003	2006	2011
Kent	10	7	8	6	70	50	50	45
Manistee	7	5	8	7	65	60	55	60
Ottawa	5	( <sup>1</sup> )	4	5	25	( <sup>1</sup> )	15	20
Other counties	38	42	42	30	155	180	150	100
<b>Northwest and West Central</b>	60	54	62	48	315	290	270	225
Allegan	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	20
Berrien	18	18	17	21	80	105	70	80
Cass	4	4	3	( <sup>1</sup> )	50	50	40	( <sup>1</sup> )
Van Buren	( <sup>1</sup> )	10	7	9	( <sup>1</sup> )	90	60	55
Other counties	10	3	4	5	40	15	10	25
<b>Southwest</b>	32	35	31	40	170	260	180	180
Houghton	11	9	7	7	35	25	25	25
Macomb	4	( <sup>1</sup> )	( <sup>1</sup> )	5	30	( <sup>1</sup> )	( <sup>1</sup> )	20
Other counties	93	82	100	70	500	475	475	310
<b>East</b>	108	91	107	82	565	500	500	355
<b>Michigan</b>	200	180	200	170	1,050	1,050	950	760

<sup>1</sup> Included in other counties.

**Strawberries: Number of farms and acres by size group**

Size group	Farms				Acres			
	2000	2003	2006	2011	2000	2003	2006	2011
1-4 acres	126	101	134	113	260	210	275	210
5-9 acres	41	47	42	38	255	310	280	250
10 acres or more	33	32	24	19	535	530	395	300
Michigan	200	180	200	170	1,050	1,050	950	760

**Strawberries: Acres by variety and year planted**

Year planted	AC Wendy	Allstar	Darselect	Earliglow	Honeoye	Jewel	Other	Michigan
2007 and before	0	13	9	10	13	16	14	75
2008	3	21	5	6	11	49	20	115
2009	20	8	10	14	23	62	33	170
2010	14	27	11	16	24	85	48	225
2011	3	16	8	8	12	68	60	175
Michigan	40	85	43	54	83	280	175	760

**Strawberries: Acres by district and variety**

Variety	Northwest and West Central	East	Southwest	Michigan
AC Wendy	18	19	3	40
Allstar	35	27	23	85
Darselect	16	24	3	43
Earliglow	15	20	19	54
Honeoye	21	50	12	83
Jewel	89	93	98	280
Other	31	122	22	175
Michigan	225	355	180	760

**Strawberries: Acres of other varieties grown**

Variety	Acres	Variety	Acres
Annapolis	2	Lateglow	8
Brunswick	6	Mesabi	2
Cabot	13	Northeaster	20
Cavendish	23	Sparkle	7
Daroyal	4	Winona	9
Donna	2	Other	52
Eros	5		
Kent	7	Michigan	175
L'Amour	15		

# Neglected Orchards

**Growers reporting neglected orchards in their growing area by district**

District	Yes	No	Unknown
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Northwest	18	64	18
West Central	23	66	11
Southwest	20	56	24
East	19	56	25
<b>Michigan</b>	20	60	20

**Percent of neglected orchard acres reported by growers in primary township by species <sup>1</sup>**

Species	Percent
Apples	73
Grapes	9
Blueberries	4
Cherries	12
Other	2
<b>Total</b>	100

<sup>1</sup> Asked only of those who responded yes to presence in their growing area.

**Number of growers with neglected orchards within one-half mile of their fruit by county and district**

County and district	Number
Antrim	4
Benzie	14
Grand Traverse	13
Leelanau	9
Manistee	9
Other counties	4
<b>Northwest</b>	53
Ionia	6
Kent	17
Mason	6
Muskegon	6
Oceana	18
Ottawa	8
Other counties	6
<b>West Central</b>	67
Allegan	15
Berrien	37
Van Buren	40
Other counties	4
<b>Southwest</b>	96
Lapeer	4
Other counties	26
<b>East</b>	30
<b>Michigan</b>	246

**Growers reporting the number of neglected acres within one-half mile of their fruit**

Number of acres	Percent <sup>1</sup>
1-10 acres	50
11-20 acres	16
21-50 acres	20
51-100 acres	10
100+ acres	4
<b>Total</b>	100

<sup>1</sup> Asked only of those who reported neglected orchards within one-half mile of their fruit.

**Growers reporting the amount of increase in pest management costs from insect or plant disease infiltration from neglected orchards**

Increase in Cost	Percent <sup>1</sup>
None	30
Slight	29
Moderate	29
Extensive	12
<b>Total</b>	100

<sup>1</sup> Asked only of those who reported neglected orchards within one-half mile of their fruit.

**Townships with neglected orchards by county**

County	Number
Allegan	7
Benzie	5
Berrien	14
Grand Traverse	5
Kent	11
Leelanau	4
Manistee	5
Newaygo	5
Oceana	6
Ottawa	4
Saginaw	5
Van Buren	10
Other counties	49
<b>Michigan</b>	130



# Direct Marketing, Agri-tourism, and Organic Production

## All fruit: Farms by size and direct marketing sales, 2011

All fruit size group by acres	All farms	Farms with direct marketing	Direct marketing percentage
	<i>number</i>	<i>number</i>	<i>percent</i>
1-10	790	393	49.7
11-25	397	151	38.0
26-50	259	72	27.8
51-100	234	64	27.4
101-249	207	49	23.7
250+	98	21	21.4
Michigan	1,985	750	37.8

## All fruit: Farms by species and direct marketing method, 2011

Fruit	All farms	Farms with u-pick	Farms with stand or store	Farms selling at a farmers' market	Community Supported Agriculture	Direct marketing total
	<i>number</i>	<i>number</i>	<i>number</i>	<i>number</i>	<i>number</i>	<i>number</i>
Apples	825	120	285	130	9	365
Tart cherries	450	24	29	11	( <sup>1</sup> )	38
Sweet cherries	400	48	85	43	( <sup>1</sup> )	115
Blueberries	600	140	100	41	7	190
Grapes	455	20	22	16	( <sup>1</sup> )	40
Peaches	360	60	135	89	7	195
Plums	150	8	28	20	( <sup>1</sup> )	43
Pears	170	19	36	24	( <sup>1</sup> )	52
Brambles	195	73	70	40	4	120
Strawberries	160	85	81	42	4	125
Nectarines	65	5	5	5	( <sup>1</sup> )	10
	1,985	385	475	220	16	750

<sup>1</sup> Fewer than 3.

## All fruit: Farms by size and agri-tourism activity, 2011

All fruit size group by acres	All farms	Farms with agri-tourism	Agri-tourism percentage
	<i>number</i>	<i>number</i>	<i>percent</i>
1-10	790	72	9.1
11-25	397	53	13.4
26-50	259	27	10.4
51-100	234	20	8.5
101-249	207	13	6.3
250+	98	5	5.1
Michigan	1,985	190	9.6

**All fruit: Farms by agri-tourism activity, 2011**

Activity	Farms	Percent of agri-tourism farms with activity
	<i>number</i>	<i>percent</i>
Winery/Cidery	44	23.2
Petting zoo	35	18.4
Corn maze	26	13.7
Group tours	86	45.3
Wagon rides	61	32.1
Gift shop	52	27.4
Retail food	82	43.2
Special events	32	16.8
Cider mill	56	29.5
Other	23	12.1
Michigan	190	

**All fruit: Farms and acres of certified organic production by species, 2011**

Fruit	Farms	Bearing acres
	<i>number</i>	<i>acres</i>
Apples	16	515
Tart cherries	8	214
Blueberries	8	97
Grapes	3	14
Peaches and pears	5	30
Brambles and strawberries	8	15
Michigan	35	885

## Survey Methods

The list sampling frame (LSF) maintained by USDA-NASS was the primary source of names of commercial fruit farms. Commercial meant any operation with at least one acre of any tree fruit or one half acre of any berry. There were 2,386 operations on this original list. It was supplemented by a list of 399 potential operations, which came primarily from various sources.

Questionnaires and cover letters were mailed to operators on the combined list in October 2011. Growers who responded to the 2006 Fruit Inventory were also sent a printout of their responses to that inventory. Data collection continued until the spring of 2012.

Growers were asked to complete, by block (vineyard or plantation), the block name or number, the county and township where that block was located, variety, rootstock, irrigation type, year of planting, trees (vines or bushes), acres and spacing for each variety in the block. Each line within a block represents a different variety, rootstock, year planted or plant spacing. The questionnaire used is available on this website.

There were 1,985 commercial fruit farms identified. Twenty-four percent of the reports were received by mail, 38 percent by phone, and 30 percent in person; eight percent were inaccessible. Eleven percent refused to do the inventory, so the overall completion rate was 81 percent. Estimates of total acres of each fruit were made from various sources for the farms for which detailed block records were not available.

The completion rates of the detailed data varied by region and by fruit type. They were calculated by dividing the total acres with complete block data by those acres summed with estimated acres for refusals and inaccessible. Inverses of those completion rates were used to expand detailed data to total acreage totals by fruit and district. The higher the completion rate for a district and fruit, the more accurate are the detailed data shown in the two-way and three-way tables of this report.