Vegetables

Michigan vegetable growers produced 763,820 tons of fresh and processed vegetables in 2007. Harvested acreage was 110,100. Value of production totaled $211 million. Nationally, Michigan ranked ninth and fifth, respectively for fresh market and processing vegetable value of production.

Michigan farmers produced 7.77 million hundredweight (cwt) of fresh market vegetables, a decrease of 10 percent from 2006. Processing vegetable production totaled 375,170 tons. Vegetable planting activities progressed steadily for much of the State through mid June. Planting and transplanting continued in June with cool conditions and little precipitation. The emergence and growth for many vegetable crops was slowed due to the colder than normal temperatures and light frosts experienced in May. The drought during the summer of 2007 caused many crops to become stressed and had an adverse affect on yields, resulting in lower supplies.

Michigan ranked third among States for dual purpose asparagus production with 235,000 cwt produced, down 9 percent from last year's 257,000 cwt. Spears began to emerge in some parts of the State in late April. The crop did not exhibit any severe damage from winter weather conditions. Harvest began on a limited basis at the beginning of May and continued on schedule for the remainder of the month. The extended period of warm weather in June matured the crop quickly with harvest nearing completion by the middle of the month for most growers. Yields were average but the quality was excellent.

Vegetables: Record highs and lows

Crop	Unit	Record high		Record low		Year estimates started
		Quantity	Year	Quantity	Year	
Asparagus						
Harvested	1,000 acres	23.0	1989	1.0	1928	1928
Yield	Cwt	31	1947	9	1981	
Production	1,000 cwt	317	2003	17	1928	
Beans, snap (processing)						
Harvested	1,000 acres	27.0	1999	0.8	1921	1918
Yield	Tons	3.89	1998	0.60	1947	
Production	Tons	100,970	1999	600	1921	
Carrots (fresh market)						
Harvested	1,000 acres	7.7	1994	0.5	1929	1929
Yield	Cwt	398	1995	155	1957	
Production	1,000 cwt	2,610	1995	132	1936	
Celery						
Harvested	1,000 acres	7.2	1941	1.6	2005	1928
Yield	Cwt	575	2005	174	1935	
Production	1,000 cwt	1,915	1941	576	1966	
Corn, sweet (fresh market)						
Harvested	1,000 acres	15.2	1961	8.0	2005	1949
Yield	Cwt	110	2006	42	1949	
Production	1,000 cwt	1,020	1994	525	1949	
Cucumbers (processing)						
Harvested	1,000 acres	46.3	1949	9.3	1932	1918
Yield	Tons	6.7	1987	0.6	1924	
Production	Tons	180,900	2003	8,900	1932	
Onions						
Harvested	1,000 acres	12.7	1935	2.5	2007	1928
Yield	Cwt	350	1960	120	1935	
Production	1,000 cwt	2,833	1948	650	2006,2007	
Tomatoes (fresh market)						
Harvested	1,000 acres	9.4	1943	1.8	2001	1928
Yield	Cwt	260	2004	60	1959	
Production	1,000 cwt	797	1943	204	1988	
Tomatoes (processing)						
Harvested	1,000 acres	9.7	1982	1.0	1921	1918
Yield	Tons	38.0	2003	2.7	1943	
Production	Tons	205,000	1982	5,000	1921	

Vegetables: Acres harvested and value of production, 2003-2007

Item	Unit	2003	2004	2005 [1]	2006	2007
Acres harvested	1,000 acres	117	121	107	111	110
Value of production	1,000 dollars	226,812	232,401	186,062	217,653	210,886

[1] Processing tomatoes excluded to avoid disclosure of individual operations.

Principal vegetables, fresh market: Acres, production, and value, 2003-2007

Year	Planted	Harvested	Production	Value
	Acres	*Acres*	*1,000 cwt*	*1,000 dollars*
2003	71,100	64,200	9,854	170,366
2004	68,400	64,000	9,611	175,899
2005	59,200	55,200	8,884	146,330
2006	58,400	54,800	8,644	161,416
2007	56,400	53,100	7,773	148,867

Principal vegetables, processing: Acres, production, and value, 2003-2007

Year	Planted	Harvested	Production	Value
	Acres	*Acres*	*Tons*	*1,000 dollars*
2003	53,900	52,700	389,710	56,446
2004	57,700	56,600	374,780	56,502
2005 [1]	53,300	51,400	275,540	39,732
2006	58,100	56,300	393,270	56,237
2007	58,400	57,000	375,170	62,019

[1] Processing tomatoes excluded to avoid disclosure of individual operations.

Vegetables, processing: Acres, production, and value, 2003-2007

Item and Year	Planted	Harvested	Yield	Production	Price per ton	Value
	Acres	*Acres*	*Tons*	*Tons*	*Dollars*	*1,000 dollars*
Carrots						
2003	1,700	1,600	24.00	38,400	69.00	2,650
2004	1,400	1,300	25.00	32,500	62.00	2,015
2005	2,300	2,200	26.00	57,200	62.00	3,546
2006	1,800	1,700	23.00	39,100	74.00	2,893
2007	1,500	1,400	20.00	28,000	76.00	2,128
Cucumbers						
2003	34,000	33,500	5.40	180,900	200.00	36,180
2004	35,000	34,500	5.00	172,500	205.00	35,363
2005	34,000	33,000	4.80	158,400	168.00	26,611
2006	34,000	33,200	5.20	172,640	194.00	33,492
2007	30,000	29,500	5.30	156,350	230.00	35,961
Snap beans						
2003	14,800	14,300	3.15	45,010	160.00	7,208
2004	17,700	17,300	3.54	61,280	169.00	10,335
2005	17,000	16,200	3.70	59,940	160.00	9,575
2006	19,000	18,100	3.65	66,030	148.00	9,803
2007	23,500	22,800	3.45	78,620	176.00	13,832
Tomatoes						
2003	3,400	3,300	38.00	125,400	83.00	10,408
2004	3,600	3,500	31.00	108,500	81.00	8,789
2005 [1]						
2006	3,300	3,300	35.00	115,500	87.00	10,049
2007	3,400	3,300	34.00	112,200	90.00	10,098

[1] Estimates not published to avoid disclosure of individual operations.

Vegetables, fresh market: Acres, production, and value, 2003-2007

Item and year	Planted	Harvested	Yield	Production	Price per cwt	Value [1]
	Acres	*Acres*	*Cwt*	*1,000 cwt*	*Dollars*	*1,000 dollars*
Beans, snap						
2003	4,300	4,000	40	160	25.00	4,000
2004	4,400	4,100	45	185	45.00	8,325
2005	4,300	4,100	55	226	60.00	13,560
2006	4,000	3,600	55	198	40.00	7,920
2007	3,900	3,600	40	144	65.00	9,360
Cabbage						
2003	2,000	1,800	320	576	10.00	5,760
2004	1,800	1,600	270	432	12.00	5,184
2005	1,800	1,700	360	612	8.50	5,202
2006	1,900	1,800	340	612	12.10	7,405
2007	1,800	1,700	320	544	15.00	8,160
Carrots						
2003	4,400	4,200	350	1,470	13.10	19,257
2004	4,400	4,200	310	1,302	12.20	15,884
2005	3,100	3,000	360	1,080	14.00	15,120
2006	2,900	2,500	320	800	18.00	14,400
2007	2,900	2,800	300	840	15.80	13,272
Corn, sweet						
2003	11,000	9,500	90	855	16.60	14,193
2004	10,500	9,500	75	713	19.50	13,904
2005	9,000	8,000	100	800	20.00	16,000
2006	9,000	8,300	110	913	18.00	16,434
2007	9,500	8,500	85	723	19.80	14,315
Cucumbers						
2003	7,300	6,400	160	1,024	20.40	20,890
2004	7,500	7,400	175	1,295	17.20	22,274
2005	5,500	5,200	180	936	16.00	14,976
2006	5,600	5,200	170	884	18.50	16,354
2007	5,000	4,900	175	858	17.90	15,358
Onions						
2003	3,700	3,600	320	1,152	14.50	13,369
2004	3,500	3,400	290	986	8.60	8,521
2005	3,000	2,900	260	754	13.00	7,852
2006	2,700	2,600	250	650	14.60	7,592
2007	2,600	2,500	260	650	11.10	5,772
Tomatoes						
2003	2,300	2,200	220	484	34.00	16,456
2004	2,200	2,100	260	546	48.00	26,208
2005	2,000	2,000	220	440	38.00	16,720
2006	2,000	2,000	230	460	50.00	23,000
2007	2,100	2,100	230	483	49.00	23,667

[1] Value of sales for onions.

Vegetables, dual purpose: Acres, production, and value, 2003-2007

Item and year	Planted	Harvested	Yield	Production	Price per cwt	Value
	Acres	*Acres*	*Cwt*	*1,000 cwt*	*Dollars*	*1,000 dollars*
Asparagus						
2003	16,000	15,000	21	317	60.80	19,278
2004	15,000	13,500	20	270	64.70	17,468
2005	12,700	12,200	19	232	51.80	12,006
2006	12,200	11,700	22	257	57.80	14,866
2007	11,700	11,200	21	235	65.60	15,417
Celery						
2003	2,300	2,200	530	1,166	15.10	17,641
2004	2,300	2,200	560	1,232	12.30	15,215
2005	1,700	1,600	575	920	11.40	10,493
2006	1,800	1,700	530	900	22.10	19,920
2007	2,000	1,800	515	927	13.20	12,271
Peppers, bell						
2003	1,800	1,800	250	450	22.00	9,900
2004	1,800	1,800	290	522	26.00	13,572
2005	1,500	1,400	280	392	23.00	9,016
2006	1,400	1,300	270	351	26.00	9,126
2007	1,200	1,200	260	312	33.00	10,296
Pumpkins						
2003	8,500	7,300	140	1,022	14.00	14,308
2004	7,800	7,200	140	1,008	13.00	13,104
2005	6,000	5,200	145	754	12.00	9,048
2006	6,200	5,700	150	855	11.00	9,405
2007	5,700	5,000	115	575	12.00	6,900
Squash						
2003	7,500	6,200	190	1,178	13.00	15,314
2004	7,200	7,000	160	1,120	14.50	16,240
2005	8,600	7,900	220	1,738	9.40	16,337
2006	8,700	8,400	210	1,764	8.50	14,994
2007	8,000	7,800	190	1,482	9.50	14,079

Asparagus: Utilization and value, 2003-2007

Year	Fresh market			Processing		
	Production	Price per cwt	Value of production	Production	Price per ton	Value of production
	1,000 cwt	*Dollars*	*1,000 dollars*	*Tons*	*Dollars*	*1,000 dollars*
2003	43	66.00	2,838	13,700	1,200	16,440
2004	26	90.00	2,340	12,200	1,240	15,128
2005	58	63.00	3,654	8,700	960	8,352
2006	31	64.00	1,984	11,300	1,140	12,882
2007 [1]						

[1] Estimates not published to avoid disclosure of individual operations.

U.S. Pickle stocks in tanks, barrels, and fresh pack, December 1, 2003-2007

Year	From current year crop			From previous year crop		Total stocks
	Salt stock including dill	Fresh pack	Refrigerated	Salt stock including dill	Fresh pack	
	Tons	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*
2003	210,291	57,695	44,628	13,259	27,700	353,573
2004	168,553	55,474	1,638	14,979		240,644
2005	161,670	46,474	3,439	38,865		250,448
2006	389,502	36,470	2,800	15,534		444,306
2007	332,011	32,795	2,850	9,076		376,732