

Michigan Rotational Survey

# Vegetable Inventory 2001-02



Michigan  
Agricultural  
Statistics  
Service



Michigan  
Department of  
Agriculture



STATE OF MICHIGAN  
DEPARTMENT OF AGRICULTURE  
LANSING

JOHN ENGLER  
GOVERNOR

DAN WYANT  
DIRECTOR

September 2002

We are pleased to present the results of the 2001 Michigan Vegetable Inventory. This bulletin represents a cooperative effort between the private and public sectors to provide data on which Michigan's agricultural industries depend for planning.

This is the eleventh report published under the Michigan Rotational Survey program. A fruit inventory was conducted in 1991, followed by a vegetable survey in 1992, and a nursery and Christmas tree survey in 1993. The three-year cycle has been repeated since then in a program funded by the legislature, administered by the Michigan Department of Agriculture, and conducted by the Federal/State Michigan Agricultural Statistics Service.

We appreciate the cooperation and assistance of all growers who voluntarily provided the data that made this report possible. We also extend thanks to vegetable processors and other industry officials; the Michigan State University Extension Service; and the data collectors of the National Association of State Departments of Agriculture, for their support and assistance during the inventory process.

We look forward to our continued successful relationship that brings us together for the benefit of Michigan agriculture. If you have any questions regarding this publication, or suggested improvements, please contact the Michigan Agricultural Statistics Service at (800) 453-7501.

Sincerely,

A handwritten signature in black ink that reads "Dan Wyant".

Dan Wyant  
Director

# Michigan Rotational Survey

# Vegetable Inventory 2001-2002

---

## Michigan Agricultural Statistics Service

David D. Kleweno - State Statistician

Vince Matthews - Deputy State Statistician



United States Department of Agriculture  
National Agricultural Statistics Service  
Ron Bosecker, Administrator

Issued cooperatively by:



Michigan Department of Agriculture  
Executive Office  
Dan Wyant, Director

---

## Office Staff

Marian Baker	Chad Cloos	Diane Hutchins	Gary Keough	Elena Romaniello
Denise Bowman	Neva Coleman	Adrienne Jones	Dan Ledbury	Marty Saffell
Sam Bruner	James Collom	Lisa Jones	Ed Molenda	Lynn Spisak
Charles Butler	Nathan Elias	Gene Kenyon	Julie Palmer	Linda Stoneman



National Association of State  
Departments of Agriculture

National Association of State Departments of Agriculture (NASDA) enumerators collect data for the Michigan Agricultural Statistics Service. NASDA workers who gathered information for this publication were:

## Office Telephone Enumerators

Flo Hill, <i>Day Supervisor</i>	Ebony Hosey	Jane Mosier
Vena Hutton, <i>Night Supervisor</i>	Debra Jones	Linda Newcomb
Rosa Davis	Virginia Ludlow	Jacqueline Perkins
Julie Everett	Sharyn McIntyre	Paula Scott
Olive Goedert	Mike McManus	Delores Tabor
Carol Griffiths	Neva Miller	Norma Wilde

## Field Enumerators

### West Central Michigan

Carl DeKleine, *Supervisor*, Grand Haven  
Doris Bastian, Grand Haven  
Babette Burmeister, Shelby  
Brian Carpenter, Grand Haven  
Bill Dukes, Shelby  
Albert TerHaar, Hudsonville  
Beverly Vincent, Grand Haven

### Southwest Michigan

Cindra Mikel, *Supervisor*, Cassopolis  
Margaret Glidden, Paw Paw  
Steve Lamberton, Niles  
Joyce Landis, Homer  
Bob Larsen, Coloma  
Rosie Nimitz, Eau Claire  
Don Trull, Buchanan  
LaVon Zelmer, Buchanan

### Southeast Michigan

Rachel Bakowski, *Supervisor*, Ottawa Lake  
William Friend, Mason  
Kelly Ludwig, Osseo  
Nolan Shaw, Madison Heights  
Larry Toth, Milan

### North Michigan and Upper Peninsula

Herb Hemmes, *Supervisor*, Harbor Springs  
Jim Cranick, Harbor Springs  
Dan Dansby, Bear Lake  
Dan Jenkins, Carney  
Gordon McDonald, Munising  
Russ Scram, Kewadin  
Bob Venable, Luzerne  
Kitty Venable, Luzerne

### Central Michigan

Ken Kralik, *Supervisor*, Riverdale  
Pat Bitler, Hersey  
Ron Feher, Sr., Lansing  
Mary Hubbard, Riverdale  
Gene Snyder, Lakeview

### East Central Michigan

Mona Kaczuk, *Supervisor*, Bad Axe  
Christie Corlew, Flint  
M. Keith Corlew, Flint  
Debra Delcourt, Emmett  
Diane McPhee, Kinde  
Jim Sparks, Fenton

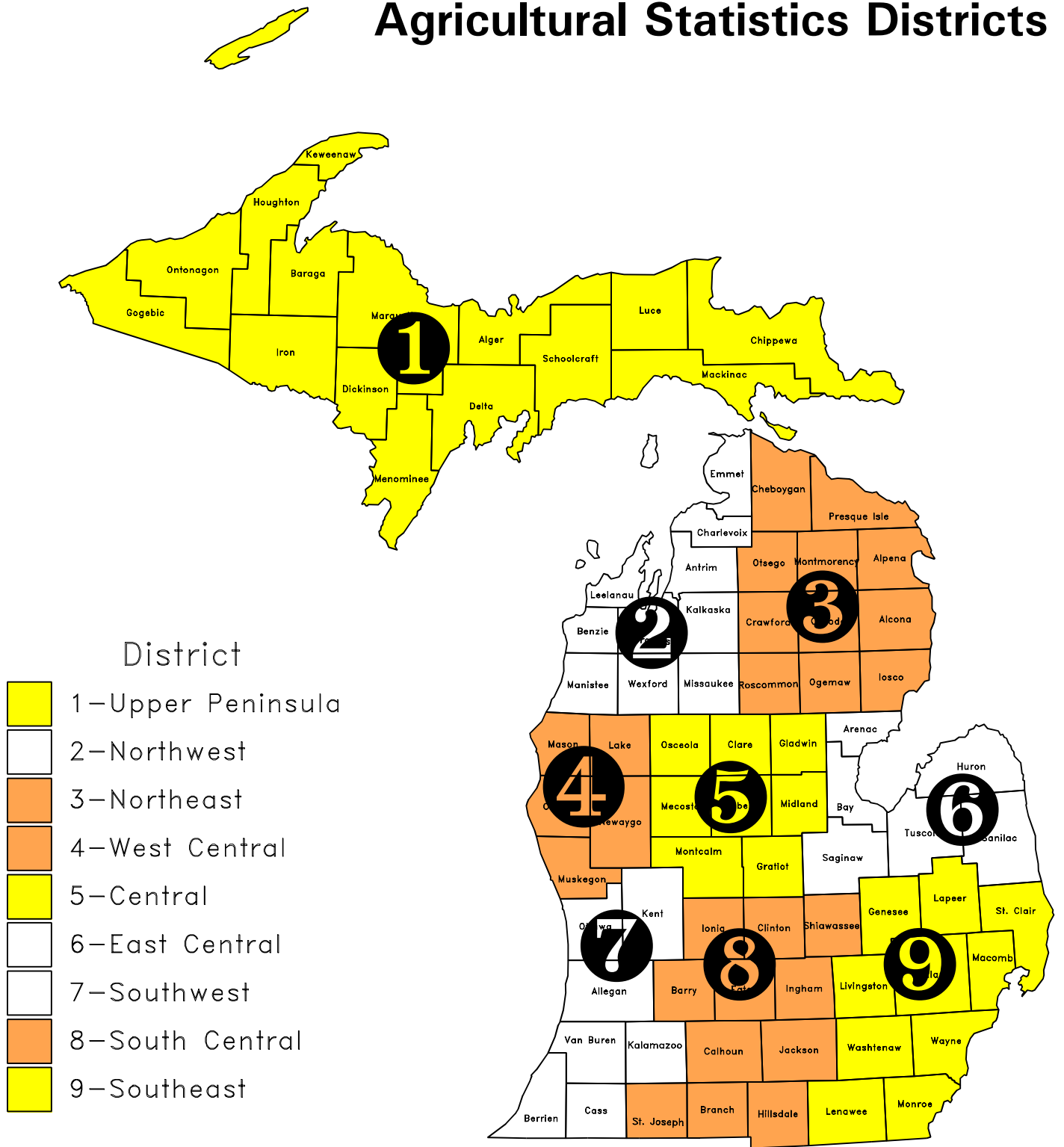
## Contents

General Information .....	1
Asparagus .....	6
Beans, snap .....	8
Cabbage .....	9
Cantaloups .....	9
Carrots .....	9
Cauliflower .....	11
Celery .....	12
Corn, sweet .....	13
Cucumbers .....	14
Mint .....	15
Onions, dry .....	15
Peas, green .....	16
Peppers, bell .....	17
Peppers, other .....	18
Potatoes .....	19
Pumpkins .....	21
Squash, summer .....	22
Squash, winter .....	22
Tomatoes .....	23
Survey methods .....	24
Questionnaire .....	25

## Graphs and Maps

Top Ten Vegetable Counties .....	3
Top Vegetable Counties (excluding potatoes) .....	3
Asparagus by Variety/Hybrid .....	6
Fresh Market Vegetables Harvested-2001 .....	10
Fresh Market Vegetables Harvested by Size of Farm .....	10
Fresh Market Vegetables .....	11
Processing Vegetables Harvested-2001 .....	16
Processing Vegetables Harvested by Size of Farm .....	16
Processing Vegetables .....	20

# Agricultural Statistics Districts



The state is divided into nine agricultural statistics districts to make data comparison easier. An agricultural statistics district is a contiguous group of counties having relatively similar agricultural characteristics. Each district has within itself more homogeneous agriculture than the state as a whole. They are numbered from north to south and west to east.

**Principal vegetables: Planted and harvested acres**

Vegetable	1998			2001		
	Total planted	Harvested for processing	Harvested for fresh market	Total planted	Harvested for processing	Harvested for fresh market
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Asparagus	17,500	14,200	2,800	15,500	11,500	2,800
Beans, snap	23,700	21,000	2,100	20,700	16,000	3,800
Cabbage	2,250	450	1,700	2,300	300	1,800
Cantaloups	800	0	750	600	0	500
Carrots	6,400	1,600	4,600	6,550	1,500	4,800
Cauliflower	400	0	400	400	150	220
Celery	2,300	400	1,800	2,000	500	1,400
Corn, sweet	11,000	0	10,000	10,500	0	9,000
Cucumbers	34,000	26,000	6,500	37,500	29,500	5,500
Onions, dry	4,500	0	4,200	4,100	0	3,700
Peas, green	1,765	1,700	50	1,750	1,500	45
Peppers, bell	1,900	250	1,550	1,900	200	1,400
Peppers, other	775	580	140	1,400	1,100	250
Potatoes	47,000	30,200	13,850	46,000	31,500	11,100
Pumpkins	4,100	0	3,800	5,500	0	4,400
Radishes	2,700	0	2,500	( <sup>1</sup> )		( <sup>1</sup> )
Squash, summer	2,250	900	1,300	3,200	800	2,200
Squash, winter	2,900	900	1,800	3,700	1,100	2,300
Tomatoes	5,100	2,500	2,300	5,200	3,100	1,800
Other <sup>1</sup>	3,800	0	3,600	8,350	150	7,150
<b>Michigan</b>	<b>175,140</b>	<b>100,680</b>	<b>65,740</b>	<b>177,150</b>	<b>98,900</b>	<b>64,165</b>

<sup>1</sup> See Table 2.

**Other selected vegetables: Number of farms, acres, yield, and production**

Vegetable	Farms	Planted	Harvested	Yield	Production
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds/acre</i>	<i>1,000 pounds</i>
Beets, red	70	150	140	8,000	1,120
Broccoli	100	210	205	6,400	1,312
Eggplant	75	160	140	27,500	3,850
Greens <sup>1</sup>	45	1,000	900	7,000	6,300
Lettuce, head	19	310	210	31,000	6,510
Lettuce, others	37	320	240	16,000	3,840
Onions, green	30	120	115	5,500	633
Parsnips	15	550	500	20,000	10,000
Radishes	28	3,500	3,000	6,500	19,500
Turnips	29	600	550	10,000	5,500
Watermelons	130	680	660	25,000	16,500
Other <sup>2</sup>	80	750	640		
<b>Michigan</b>		<b>8,350</b>	<b>7,300</b>		

<sup>1</sup> Includes collard, kale, mustard, and turnip greens.

<sup>2</sup> Includes Brussel sprouts, cabbage, Chinese cabbage, celery, Swiss chard, chives, cilantro, dill, garlic, lima beans, leeks, okra, parsley, rhubarb, spinach, sweet potatoes, cherry, grape, and plum tomatoes, and watercress.

**Principal vegetables: Number of farms and harvested acres**

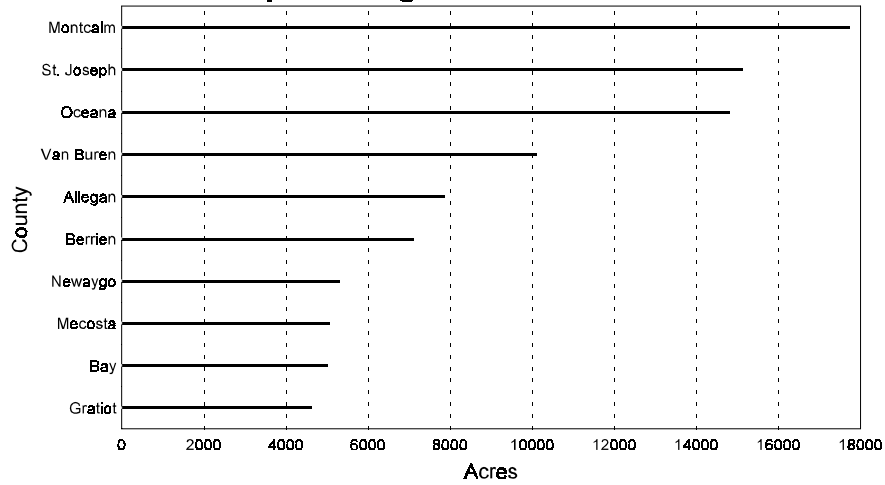
County and district	Farms	Processing	Fresh market	Total
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Delta	12		750	750
Dickinson	6	300	145	445
Marquette	3	200	150	350
Other counties	24	300	420	720
<b>Upper Peninsula</b>	45	800	1,465	2,265
Antrim	14	0	1,500	1,500
Grand Traverse	16	50	125	175
Kalkaska	4		750	750
Manistee	15	700	550	1,250
Other counties	41	50	475	525
<b>Northwest</b>	90	800	3,400	4,200
Presque Isle	19	50	2,080	2,130
Other counties	26	50	170	220
<b>Northeast</b>	45	100	2,250	2,350
Mason	46	3,450	750	4,200
Muskegon	20	2,050	450	2,500
Newaygo	28	900	4,400	5,300
Oceana	130	11,400	3,400	14,800
Gratiot	17	4,350	260	4,610
Isabella	7	800	600	1,400
Mecosta	17	4,800	250	5,050
Midland	10	300	30	330
Montcalm	39	16,900	830	17,730
Other counties	11	50	330	380
<b>West Central and Central</b>	325	45,000	11,300	56,300
Arenac	20	2,200	850	3,050
Bay	67	2,500	2,500	5,000
Saginaw	27	2,950	250	3,200
Tuscola	20	2,850	350	3,200
Other counties	21	700	950	1,650
<b>East Central</b>	155	11,200	4,900	16,100
Allegan	52	3,550	4,300	7,850
Berrien	116	800	6,300	7,100
Cass	16	2,850	1,100	3,950
Kalamazoo	22	2,100	300	2,400
Kent	40	600	2,650	3,250
Ottawa	71	300	2,850	3,150
Van Buren	63	7,100	3,000	10,100
<b>Southwest</b>	380	17,300	20,500	37,800
Branch	15	2,700	250	2,950
Calhoun	24	200	650	850
Clinton	26	200	400	600
Eaton	18		1,550	1,550
Ingham	17		900	900
Ionia	12	550	550	1,100
Jackson	21		550	550
St Joseph	42	14,300	800	15,100
Other counties	25	250	350	600
<b>South Central</b>	200	18,200	6,000	24,200



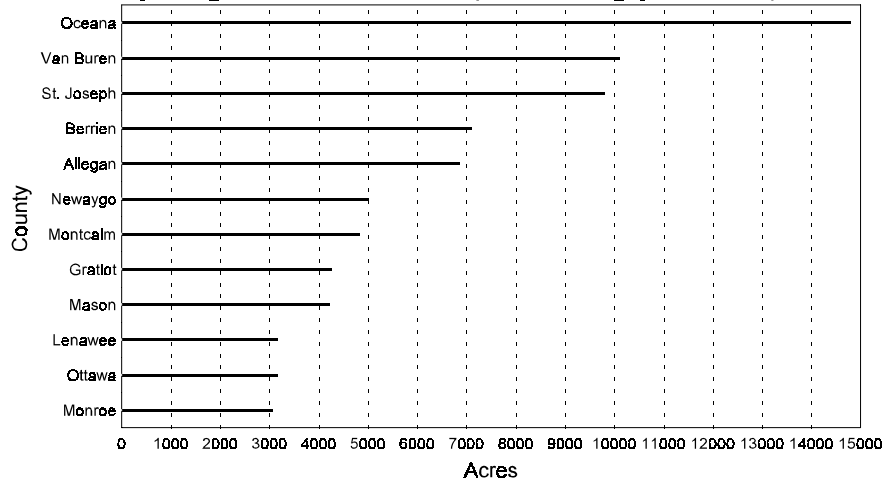
**Principal vegetables: Number of farms and harvested acres (continued)**

County and district	Farms	Processing	Fresh market	Total
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Genesee	31	750	650	1,400
Lapeer	33		2,250	2,250
Lenawee	25	2,750	850	3,600
Livingston	20	50	1,250	1,300
Macomb	48		2,650	2,650
Monroe	45	1,950	2,300	4,250
Oakland	14		400	400
St Clair	32		700	700
Washtenaw	34		2,500	2,500
Wayne	28		800	800
<b>Southeast</b>	310	5,500	14,350	19,850
<b>Michigan</b>	1,550	98,900	64,165	163,065

**Top Ten Vegetable Counties**



**Top Vegetable Counties (excluding potatoes)**



**Vegetables, all: Number of farms and planted acres, by size group**

Size group	Farms	Percent of total	Planted	Percent of total
	<i>Number</i>	<i>Percent</i>	<i>Acres</i>	<i>Percent</i>
1 to 10 acres	625	40.3	3,000	1.7
11 to 25 acres	240	15.5	4,950	2.8
26 to 50 acres	185	11.9	9,000	5.1
51 to 100 acres	180	11.6	15,200	8.6
101 to 250 acres	170	11.0	32,000	18.1
251 to 500 acres	90	5.8	36,000	20.3
501 acres or more	60	3.9	77,000	43.5
<b>Michigan</b>	1,550		177,150	

**Vegetables, processing: Number of farms and harvested acres, by size group**

Size group	Farms	Percent of total	Harvested	Percent of total
	<i>Number</i>	<i>Percent</i>	<i>Acres</i>	<i>Percent</i>
1 to 10 acres	90	19.6	300	0.3
11 to 25 acres	60	13.0	1,100	1.1
26 to 50 acres	70	15.2	3,000	3.0
51 to 100 acres	65	14.1	5,500	5.6
101 to 250 acres	85	18.5	15,000	15.2
251 to 500 acres	50	10.9	20,000	20.2
501 acres or more	40	8.7	54,000	54.6
<b>Michigan</b>	460		98,900	

**Vegetables, fresh market: Number of farms and harvested acres, by size group**

Size group	Farms	Percent of total	Harvested	Percent of total
	<i>Number</i>	<i>Percent</i>	<i>Acres</i>	<i>Percent</i>
1 to 10 acres	620	50.0	2,715	4.2
11 to 25 acres	220	17.7	3,750	5.8
26 to 50 acres	150	12.1	5,350	8.3
51 to 100 acres	105	8.5	7,250	11.3
101 to 250 acres	90	7.3	13,700	21.4
251 to 500 acres	37	3.0	12,600	19.6
501 acres or more	18	1.5	18,800	29.3
<b>Michigan</b>	1,240		64,165	

**Vegetables, processing: Production and value**

Vegetable	Production	Price per ton	Value
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
Asparagus	12,100	840	10,164
Beans, snap	56,000	160	8,960
Broccoli	465	280	130
Carrots	31,500	69	2,174
Cauliflower	1,200	320	384
Celery	14,250	145	2,066
Cucumbers, processing	125,375	246	30,842
Peas, green	3,900	200	780
Peppers, other	7,700	350	2,695
Potatoes <sup>1</sup>	455,000	131	59,605
Squash, summer	10,400	130	1,352
Squash, winter	17,050	42	716
Tomatoes	105,400	80	8,432
Other vegetables <sup>2</sup>			1,336
<b>Michigan</b>			129,636

<sup>1</sup> Value of sales.

<sup>2</sup> Cabbage for kraut, parsley, and bell peppers.

**Vegetables, fresh market: Production and value**

Vegetable	Production	Price per cwt	Value
	<i>Cwt</i>	<i>Dollars</i>	<i>1,000 dollars</i>
Asparagus	48,000	49	2,352
Beans, snap	190,000	35	6,650
Beets, red	11,200	18	202
Broccoli	3,825	75	287
Cabbage	576,000	14	8,064
Cantaloups	52,500	21	1,103
Carrots	1,680,000	14	23,184
Cauliflower	16,500	45	743
Celery	588,000	18	10,643
Corn, sweet	540,000	22	11,880
Cucumbers, fresh	1,210,000	20	24,200
Eggplant	38,500	25	963
Greens	63,000	27	1,701
Onions	999,000	12	12,188
Peas, green	810	105	85
Peppers, bell	368,200	22	8,100
Peppers, other	27,500	40	1,100
Potatoes <sup>1</sup>	3,000,000	11	32,700
Pumpkins	528,000	12	6,336
Radishes	195,000	25	4,875
Squash, summer	418,000	19	7,942
Squash, winter	310,500	17	5,279
Tomatoes	378,000	35	13,230
Turnips	55,000	18	990
Watermelons	165,000	11	1,815
Other vegetables <sup>2</sup>			7,755
<b>Michigan</b>			194,365

<sup>1</sup> Value of sales.

<sup>2</sup> Head lettuce, other lettuce, green onions, and parsnips.

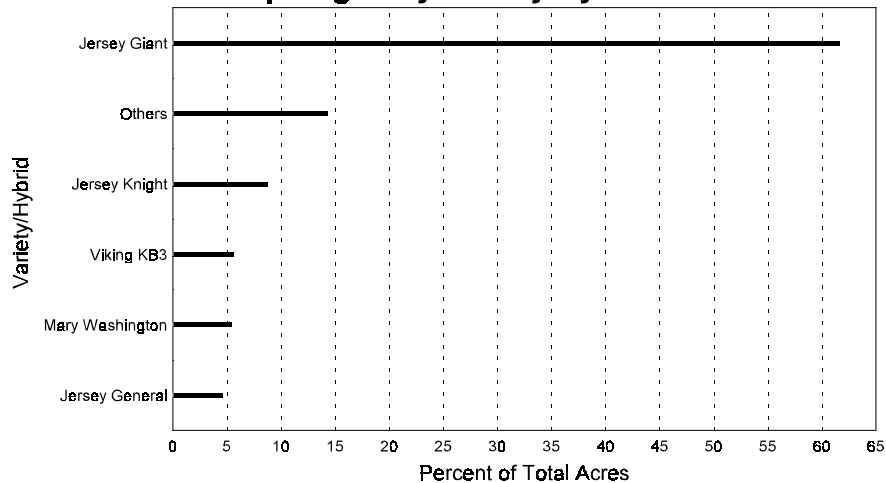
**Asparagus: Number of farms and acres  
planted, by county and district**

County and district	Farms	Planted
	<i>Number</i>	<i>Acres</i>
Manistee	10	375
Other counties	11	95
<b>Northwest</b>	21	470
Mason	35	2,200
Oceana	125	9,600
Other counties	10	200
<b>West Central</b>	170	12,000
Mecosta	6	200
Other counties	7	20
<b>Central</b>	13	220
Berrien	14	360
Ottawa	6	120
Van Buren	31	1,420
Other counties	25	680
<b>Southwest</b>	76	2,580
<b>South Central</b>	21	110
<b>Southeast</b>	35	80
<b>Other districts</b>	14	40
<b>Michigan</b>	350	15,500

**Asparagus, processing: Harvested acres, yield,  
and production, by county and district**

County and district	Harvested	Yield	Production
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
West Central	9,600	2,200	21,130
Southwest	1,550	1,500	2,330
Other districts	350	2,100	740
<b>Michigan</b>	11,500	2,100	24,200

**Asparagus by Variety/Hybrid**



**Asparagus, fresh market: Harvested acres, yield, and production,  
by county and district**

County and district	Harvested	Yield	Production
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
Northwest	250	1,600	400
West Central	1,550	1,900	2,945
Southwest	750	1,600	1,200
South Central	90	950	86
Southeast	55	850	47
Other districts	105	1,150	123
<b>Michigan</b>	<b>2,800</b>	<b>1,710</b>	<b>4,800</b>

**Asparagus: Acres by variety and year of planting**

Variety or hybrid	Before 1987	1987-91	1992-96	1997-98	1999	2000	2001	Total
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Franklin	38	40	32	32	63	0	0	205
Jersey Centennial	68	135	9	0	0	8	0	220
Jersey Gem	25	130	129	32	38	0	6	360
Jersey General	0	145	235	38	19	19	19	475
Jersey Giant	445	1,290	1,995	2,025	770	625	450	7,600
Jersey Knight	150	130	380	80	52	19	74	885
Jersey Prince	35	0	0	0	0	0	0	35
Jersey Supreme	0	10	0	0	25	0	160	195
Mary Washington	420	137	85	18	0	0	0	660
Millenium	33	13	6	35	8	19	21	135
SYN 4-56	50	270	60	0	0	0	0	380
Viking KB3	200	235	65	0	0	0	0	500
Other varieties	26	115	124	50	15	20	0	350
<b>West Central</b>	<b>1,490</b>	<b>2,650</b>	<b>3,120</b>	<b>2,310</b>	<b>990</b>	<b>710</b>	<b>730</b>	<b>12,000</b>
Franklin	0	0	0	0	0	0	0	0
Jersey Centennial	3	2	0	0	0	0	0	5
Jersey Gem	0	25	14	6	0	0	0	45
Jersey General	0	94	6	13	112	0	0	225
Jersey Giant	51	190	645	600	240	170	54	1,950
Jersey Knight	0	115	335	7	2	0	1	460
Jersey Prince	0	0	63	0	27	0	0	90
Jersey Supreme	0	0	0	0	0	0	0	0
Mary Washington	120	38	8	9	0	0	0	175
Millenium	0	0	0	0	0	0	0	0
SYN 4-56	7	115	8	0	0	0	0	130
Viking KB3	235	65	61	3	1	0	0	365
Other varieties	9	21	15	7	3	0	0	55
<b>Other districts</b>	<b>425</b>	<b>665</b>	<b>1,155</b>	<b>645</b>	<b>385</b>	<b>170</b>	<b>55</b>	<b>3,500</b>
Franklin	38	40	32	32	63	0	0	205
Jersey Centennial	71	137	9	0	0	8	0	225
Jersey Gem	25	155	143	38	38	0	6	405
Jersey General	0	239	241	51	131	19	19	700
Jersey Giant	496	1,480	2,640	2,625	1,010	795	504	9,550
Jersey Knight	150	245	715	87	54	19	75	1,345
Jersey Prince	35	0	63	0	27	0	0	125
Jersey Supreme	0	10	0	0	25	0	160	195
Mary Washington	540	175	93	27	0	0	0	835
Millenium	33	13	6	35	8	19	21	135
SYN 4-56	57	385	68	0	0	0	0	510
Viking KB3	435	300	126	3	1	0	0	865
Other varieties	35	136	139	57	18	20	0	405
<b>Michigan</b>	<b>1,915</b>	<b>3,315</b>	<b>4,275</b>	<b>2,955</b>	<b>1,375</b>	<b>880</b>	<b>785</b>	<b>15,500</b>

**Beans, snap, processing: Number of farms, acres, yield, and production, by county and district**

County and district	Farms	Planted	Harvested	Yield	Production
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
Mason	9	1,400			
Oceana	8	1,150			
Other counties	2	500			
<b>West Central</b>	19	3,050	2,900	4,900	14,210
Montcalm	9	1,650			
Other counties	2	250			
<b>Central</b>	11	1,900	1,800	7,500	13,500
Kalamazoo	8	1,700			
Other counties	4	2,400			
<b>Southwest</b>	12	4,100	4,000	7,600	30,400
Branch	9	1,450			
St Joseph	20	5,500			
Other counties	2	350			
<b>South Central</b>	31	7,300	7,150	7,400	52,910
<b>Other districts</b>	2	150	150	6,500	980
<b>Michigan</b>	75	16,500	16,000	7,000	112,000

**Beans, snap, fresh market: Number of farms, acres, yield, and production, by county and district**

County and district	Farms	Planted	Harvested	Yield	Production
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
<b>Southwest</b>	55	2,650	2,500	6,100	15,250
<b>South Central</b>	50	380	350	3,100	1,085
Macomb	17	290			
Monroe	7	70			
Other counties	66	300			
<b>Southeast</b>	90	650	500	2,900	1,450
<b>Other districts</b>	65	520	450	2,700	1,215
<b>Michigan</b>	260	4,200	3,800	5,000	19,000

**Cabbage, processing: Number of farms, acres, yield, and production, by county and district**

County and district	Farms	Planted	Harvested	Yield	Production
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
<b>Michigan</b>	3	300	300	48,000	14,400

**Cabbage, fresh market: Number of farms, acres, yield, and production, by county and district**

County and district	Farms	Planted	Harvested	Yield	Production
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
Kent and Ottawa	13	465			
Other counties	24	45			
<b>Southwest</b>	37	510	480	20,000	9,600
Macomb	20	170			
Monroe and Lenawee	20	650			
Other counties	40	250			
<b>Southeast</b>	80	1,070	1,000	40,000	40,000
<b>Other districts</b>	108	420	320	25,000	8,000
<b>Michigan</b>	225	2,000	1,800	32,000	57,600

**Cantaloups: Number of farms, acres, yield, and production, by county and district**

County and district	Farms	Planted	Harvested	Yield	Production
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
Bay	27	100			
Other counties	19	20			
<b>East Central</b>	46	120	80	9,000	720
Berrien	27	60			
Van Buren	9	35			
Other counties	37	55			
<b>Southwest</b>	73	150	140	7,200	1,008
<b>South Central</b>	38	50	35	12,000	420
Macomb	11	40			
Washtenaw	8	40			
Other counties	37	180			
<b>Southeast</b>	56	260	230	13,000	2,990
<b>Other districts</b>	22	20	15	7,500	112
<b>Michigan</b>	235	600	500	10,500	5,250

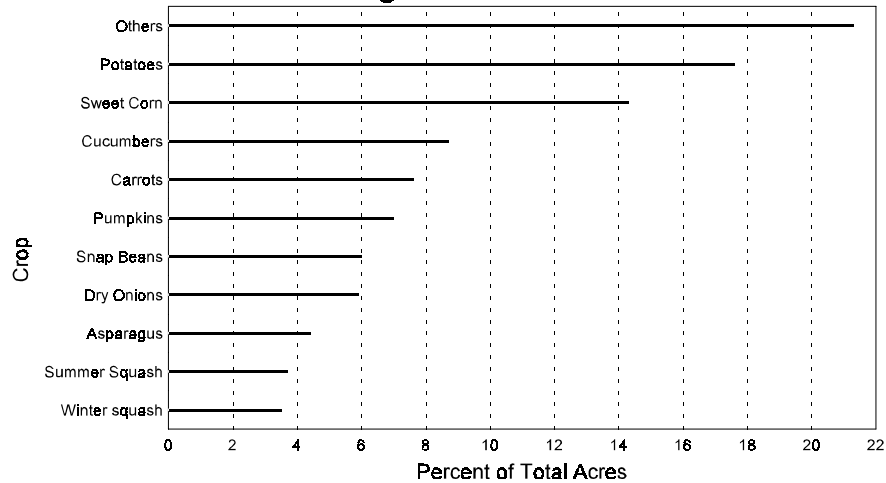
**Carrots, processing: Number of farms, acres, yield, and production, by county and district**

County and district	Farms	Planted	Harvested	Yield	Production
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
Oceana	6	630			
Other counties	3	330			
<b>West Central</b>	9	960	930	42,900	39,900
<b>Other districts</b>	6	590	570	40,500	23,100
<b>Michigan</b>	15	1,550	1,500	42,000	63,000

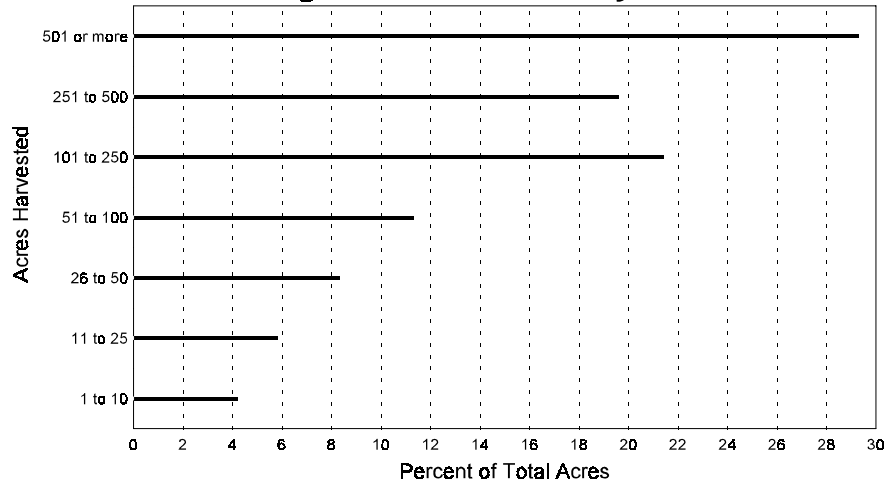
**Carrots, fresh market: Number of farms, acres, yield, and production, by county and district**

County and district	Farms	Planted	Harvested	Yield	Production
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
Newaygo	9	1,800			
Other counties	10	800			
<b>West Central</b>	19	2,600	2,500	39,000	97,500
Lapeer	9	800			
Other counties	11	70			
<b>Southeast</b>	20	870	850	25,000	21,200
<b>Other districts</b>	56	1,530	1,450	34,000	49,300
<b>Michigan</b>	95	5,000	4,800	35,000	168,000

**Fresh Market Vegetables Harvested-2001**



**Fresh Market Vegetables Harvested by Size of Farm**





**Cauliflower: Number of farms and planted acres,  
by county and district**

County and district	Farms	Planted
	<i>Number</i>	<i>Acres</i>
<b>East Central</b>	14	50
<b>Southwest</b>	27	235
Macomb	16	27
St Clair	8	22
Monroe	6	25
Other counties	11	16
<b>Southeast</b>	41	90
<b>Other districts</b>	23	25
<b>Michigan</b>	105	400

**Fresh Market Vegetables**

Each dot represents 200 harvested acres



**Cauliflower, processing: Harvested acres, yield, and production, by county and district**

County and district	Harvested	Yield	Production
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
Southwest	150	16,000	2,400
<b>Michigan</b>	150	16,000	2,400

**Cauliflower, fresh market: Harvested acres, yield, and production, by county and district**

County and district	Harvested	Yield	Production
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
Southwest	75	6,200	465
Southeast	80	8,700	696
Other districts	65	7,500	489
<b>Michigan</b>	220	7,500	1,650

**Celery: Number of farms and planted acres, by county and district**

County and district	Farms	Planted
	<i>Number</i>	<i>Acres</i>
Muskegon	4	170
Newaygo & Oceana	3	180
<b>West Central</b>	7	350
Allegan	3	330
Kent	4	310
Ottawa	7	360
Van Buren	3	400
<b>Southwest</b>	17	1,400
<b>Other districts</b>	7	250
<b>Michigan</b>	31	2,000

**Celery, processing: Harvested acres, yield, and production, by county and district**

County and district	Harvested	Yield	Production
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
West Central	320	58,700	18,780
Southwest	180	54,000	9,720
<b>Michigan</b>	500	57,000	28,500

**Celery, fresh market: Harvested acres, yield, and production, by county and district**

County and district	Harvested	Yield	Production
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
Southwest	1,100	41,200	45,300
Other districts	300	45,000	13,500
<b>Michigan</b>	1,400	42,000	58,800

**Corn, sweet, fresh market: Number of farms, acres, yield, and production, by county and district**

County and district	Farms	Planted	Harvested	Yield	Production
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
Emmet	8	45			
Grand Traverse	9	80			
Other counties	33	345			
<b>Northwest</b>	50	470	380	4,300	1,634
Newaygo and Oceana	16	1,000			
Other counties	12	150			
<b>West Central</b>	28	1,150	1,100	4,100	4,510
Bay	35	335			
Saginaw	13	120			
Other counties	36	245			
<b>East Central</b>	84	700	590	3,600	2,124
Allegan	25	220			
Berrien	42	490			
Kent	20	570			
Ottawa	23	180			
Van Buren	15	200			
Other counties	25	290			
<b>Southwest</b>	150	1,950	1,750	7,900	13,825
Calhoun	18	140			
Clinton	12	220			
Ingham	13	195			
Ionia	10	120			
Jackson	23	285			
Other counties	36	290			
<b>South Central</b>	112	1,250	1,000	7,600	7,600
Genesee	21	330			
Lapeer	21	230			
Lenawee	13	240			
Livingston	13	180			
Macomb	33	1,170			
Monroe	22	690			
Oakland	12	260			
St Clair	22	300			
Washtenaw	18	770			
Wayne	11	430			
<b>Southeast</b>	186	4,600	3,900	5,800	22,620
<b>Other districts</b>	70	380	280	6,000	1,687
<b>Michigan</b>	680	10,500	9,000	6,000	54,000

**Cucumbers, processing: Number of farms, acres, yield, and production, by county and district**

County and district	Farms	Planted	Harvested	Yield	Production
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
Manistee	9	450			
Other counties	6	150			
<b>Northwest</b>	15	600	550	15,900	8,740
Oceana	13	750			
Muskegon	1	1,400			
Other counties	5	550			
<b>West Central</b>	19	2,700	2,500	8,600	21,500
Gratiot	10	3,700			
Montcalm	4	850			
Other counties	4	550			
<b>Central</b>	18	5,100	4,700	10,200	47,940
Arenac	11	2,200			
Bay	22	1,900			
Saginaw	9	2,000			
Tuscola	10	1,650			
Other counties	6	650			
<b>East Central</b>	58	8,400	7,800	6,600	51,480
Allegan	12	2,300			
Berrien	14	450			
Van Buren	2	6,000			
Other counties	12	1,050			
<b>Southwest</b>	40	9,800	9,700	8,400	81,480
St Joseph	10	3,100			
Other counties	4	400			
<b>South Central</b>	14	3,500	3,400	9,300	31,620
<b>Southeast</b>	16	900	850	9,400	7,990
<b>Michigan</b>	180	31,000	29,500	8,500	250,750

**Cucumbers, fresh market: Number of farms, acres, yield, and production, by county and district**

County and district	Farms	Planted	Harvested	Yield	Production
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
Allegan and Cass	9	3,500			
Berrien and Van Buren	36	1,800			
Other counties	19	200			
<b>Southwest</b>	64	5,500	4,600	23,500	108,100
Macomb	16	55			
Monroe	10	80			
Other counties	41	65			
<b>Southeast</b>	67	200	150	18,500	2,775
West Central	11	680			
East Central	21	70			
Districts 1, 2, 3, 5, 8 <sup>1</sup>	67	50			
<b>Other districts</b>	99	800	750	13,500	10,125
<b>Michigan</b>	230	6,500	5,500	22,000	121,000

<sup>1</sup> Upper Peninsula, Northwest, Northeast, Central, and South Central.

**Peppermint: Number of farms, acres, yield, and production, by county and district**

County and district	Farms	Harvested	Yield	Production
	<i>Number</i>	<i>Acres</i>	<i>Pounds</i>	<i>Pounds</i>
Clinton	5	400		
Other counties	8	600		
<b>Michigan</b>	13	1,000	50	50

**Spearmint: Number of farms, acres, yield, and production, by county and district**

County and district	Farms	Harvested	Yield	Production
	<i>Number</i>	<i>Acres</i>	<i>Pounds</i>	<i>Pounds</i>
Clinton	5	1,400		
Other counties	5	300		
<b>Michigan</b>	10	1,700	50	85

**Onions, dry: Number of farms, acres, yield, and production, by county and district**

County and district	Farms	Planted	Harvested	Yield	Production
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
Newaygo	9	1,000			
Other counties	3	150			
<b>West Central</b>	12	1,150	1,050	19,100	20,060
Allegan	5	400			
Ottawa	4	350			
Other counties	11	300			
<b>Southwest</b>	20	1,050	1,000	35,500	35,500
Calhoun	7	180			
Eaton	4	800			
Ionia	3	270			
Other counties	18	530			
<b>South Central</b>	32	1,600	1,400	27,500	38,500
Lapeer	5	190			
Other counties	17	35			
<b>Southeast</b>	22	225	200	24,700	4,940
<b>Other districts</b>	33	75	50	18,000	900
<b>Michigan</b>	119	4,100	3,700	27,000	99,900

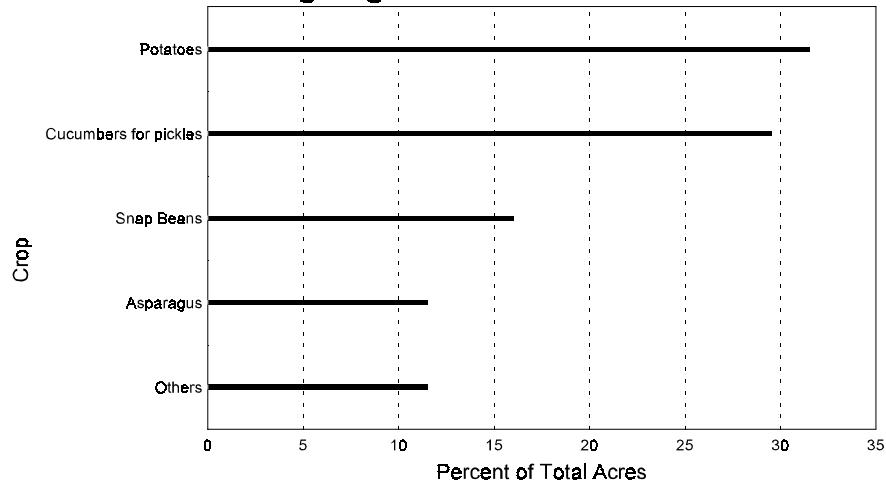
**Peas, green, processing: Number of farms, acres, yield, and production, by county and district**

County and district	Farms	Planted	Harvested	Yield	Production
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
Montcalm	7	1,350			
Other counties	2	350			
<b>Central</b>	9	1,700	1,500	5,200	7,800
<b>Michigan</b>	9	1,700	1,500	5,200	7,800

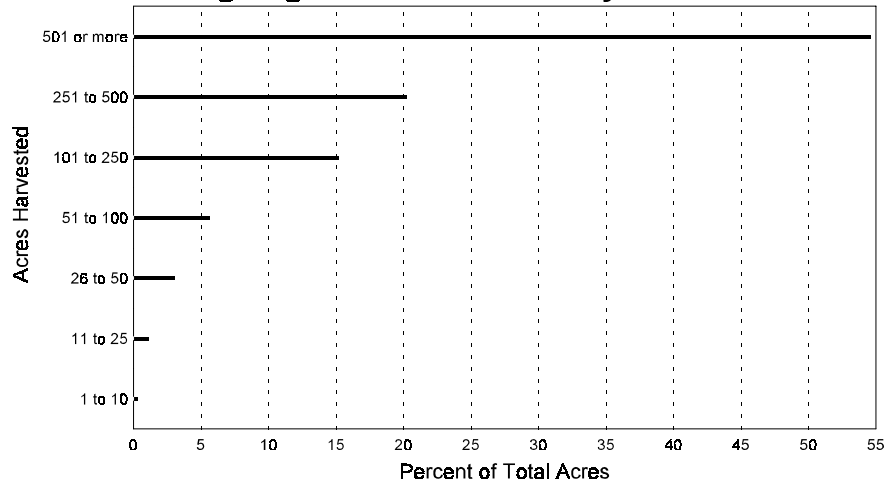
**Peas, green, fresh market: Number of farms, acres, yield, and production, by county and district**

County and district	Farms	Planted	Harvested	Yield	Production
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
<b>Michigan</b>	50	50	45	1,800	81

**Processing Vegetables Harvested-2001**



**Processing Vegetables Harvested by Size of Farm**



**Peppers, bell: Number of farms and  
planted acres, by county and district**

County and district	Farms	Planted
	<i>Number</i>	<i>Acres</i>
Newaygo and Oceana	9	460
Other counties	5	10
<b>West Central</b>	14	470
Bay	20	75
Other counties	14	15
<b>East Central</b>	34	90
Berrien	30	320
Kent	12	100
Ottawa	15	120
Van Buren	10	330
Other counties	17	40
<b>Southwest</b>	84	910
Macomb	25	65
Monroe	15	200
Other counties	55	105
<b>Southeast</b>	95	370
<b>Other districts</b>	68	60
<b>Michigan</b>	295	1,900

**Peppers, bell, fresh market: Acres, yield, and production,  
by county and district**

County and district	Harvested	Yield	Production
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
West Central	390	26,000	10,140
East Central	45	7,200	324
Southwest	770	31,000	23,870
Southeast	155	13,200	2,046
Other districts	40	11,000	440
<b>Michigan</b>	1,400	26,300	36,820

**Peppers, other: Number of farms and  
planted acres, by county and district**

County and district	Farms	Planted
	<i>Number</i>	<i>Acres</i>
<b>West Central</b>	8	160
<b>Central</b>	7	460
Bay	12	33
Other counties	4	2
<b>East Central</b>	16	35
Berrien	16	120
Van Buren	8	25
Other counties	14	15
<b>Southwest</b>	38	160
Lenawee & Monroe	14	550
Other counties	38	30
<b>Southeast</b>	52	580
<b>Other districts</b>	14	5
<b>Michigan</b>	135	1,400

**Peppers, other, processing: Acres, yield, and production,  
by county and district**

County and district	Harvested	Yield	Production
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
<b>Michigan</b>	1,100	14,000	15,400

**Peppers, other, fresh market: Acres, yield, and production,  
by county and district**

County and district	Harvested	Yield	Production
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
Southwest	120	16,000	1,920
Southeast	35	6,400	220
Other districts	95	6,400	610
<b>Michigan</b>	250	11,000	5,500



**Potatoes: Number of farms, acres, yield, and production, by county and district**

County and district	Farms	Planted	Harvested	Yield	Production
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
Delta	9	900			
Dickinson	7	700			
Marquette	3	350			
Other counties	18	850			
<b>Upper Peninsula</b>	37	2,800	2,800	20,000	56,000
Kalkaska	3	1,400			
Other counties	20	1,800			
<b>Northwest and West Central</b>	23	3,200	3,150	37,000	116,700
Presque Isle	16	2,200			
Other counties	6	500			
<b>Northeast</b>	22	2,700	2,650	20,000	53,000
Mecosta	3	4,000			
Montcalm	20	13,000			
Other counties	4	1,000			
<b>Central</b>	27	18,000	17,900	33,000	591,000
Bay	27	2,600			
Saginaw	2	1,200			
Tuscola	5	1,200			
Other counties	9	1,400			
<b>East Central</b>	43	6,400	5,800	27,000	156,600
Allegan	4	1,000			
Other counties	27	2,100			
<b>Southwest</b>	31	3,100	3,050	29,000	88,500
St Joseph	10	5,300			
Other counties	20	2,200			
<b>South Central</b>	30	7,500	7,450	37,000	276,000
Monroe	14	1,200			
Other counties	18	1,100			
<b>Southeast</b>	32	2,300	2,200	26,000	57,200
<b>Michigan</b>	245	46,000	45,000	31,000	1,395,000

**Potatoes: Acres and production, by utilization**

Use	Planted	Harvested	Yield	Production
	<i>Acres</i>	<i>Acres</i>	<i>Cwt</i>	<i>Cwt</i>
Fresh market	12,000	11,100	290	3,200,000
Chipping	31,000	30,900	325	10,050,000
Other	600	600	210	125,000
Seed	2,400	2,400	240	575,000
<b>Michigan</b>	46,000	45,000	310	13,950,000

**Potatoes: Planted acres, by district and utilization**

District	Fresh market	Chipping	Freezing	Seed	Total Planted
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Upper Peninsula	1,000	400	200	1,200	2,800
Northwest and West Central	2,600	0	0	600	3,200
Northeast	2,100	0	0	600	2,700
Central	600	17,400	0	0	18,000
East Central	2,900	3,500	0	0	6,400
Southwest	400	2,700	0	0	3,100
South Central	1,550	5,700	250	0	7,500
Southeast	850	1,300	150	0	2,300
<b>Michigan</b>	<b>12,000</b>	<b>31,000</b>	<b>600</b>	<b>2,400</b>	<b>46,000</b>

**Potatoes: Number of farms and acres, by size group**

Size group	Farms	Acres
4.9 acres or less	90	160
5 to 24.9 acres	32	340
25 to 99.9 acres	38	2,300
100 to 199.9 acres	39	5,500
200 to 299.9 acres	12	2,900
300 to 499.9 acres	11	4,100
500 to 999.9 acres	13	8,200
1,000 acres or more	10	22,500
<b>Michigan</b>	<b>245</b>	<b>46,000</b>

**Processing Vegetables**

Each dot represents 200 harvested acres



**Pumpkins: Number of farms, acres, yield, and production, by county and district**

County and district	Farms	Planted	Harvested	Yield	Production
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
Oceana	17	330			
Other counties	15	50			
<b>West Central</b>	32	380	340	16,000	5,440
<b>Central</b>	29	490	430	9,500	4,080
Bay	27	130			
Saginaw	9	90			
Other counties	18	70			
<b>East Central</b>	54	290	180	18,500	3,330
Allegan	14	100			
Berrien	43	370			
Kent	15	85			
Ottawa	27	135			
Van Buren	18	215			
Other counties	25	135			
<b>Southwest</b>	142	1,040	920	10,500	9,650
Branch	7	50			
Clinton	10	50			
Ingham	10	55			
Jackson	15	75			
Other counties	45	290			
<b>South Central</b>	87	520	470	8,700	4,090
Genesee	18	80			
Lapeer	24	145			
Lenawee	8	230			
Livingston	12	65			
Macomb	32	540			
Monroe	25	500			
Oakland	13	140			
St Clair	16	100			
Washtenaw	25	430			
Wayne	18	210			
<b>Southeast</b>	191	2,440	1,870	12,900	24,120
Upper Peninsula	20	80			
Northwest	39	175			
Northeast	18	85			
<b>Other districts</b>	77	340	190	11,000	2,090
<b>Michigan</b>	580	5,500	4,400	12,000	52,800

**Squash, summer, processing: Number of farms, acres,  
yield, and production, by County and district**

County and district	Farms	Planted	Harvested	Yield	Production
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
Oceana	10	650			
Other counties	2	150			
<b>West Central</b>	12	800	900		
<b>Michigan</b>	12	800	800	26,000	20,800

**Squash, summer, fresh market: Number of farms, acres,  
yield, and production, by County and district**

County and district	Farms	Planted	Harvested	Yield	Production
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
Oceana	6	220			
Other counties	14	330			
<b>West Central</b>	20	550	520	20,200	10,510
Berrien	45	600			
Van Buren	15	510			
Other counties	30	260			
<b>Southwest</b>	90	1,370	1,300	20,300	26,390
Lapeer	12	105			
Macomb	20	125			
Other counties	35	70			
<b>Southeast</b>	67	300	230	12,500	2,875
<b>Other districts</b>	98	180	150	13,500	2,025
<b>Michigan</b>	275	2,400	2,200	19,000	41,800

**Squash, winter, processing: Number of farms, acres, yield,  
and production, by County and district**

County and district	Farms	Planted	Harvested	Yield	Production
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
Mason and Newaygo	7	450			
Oceana	8	600			
<b>West Central</b>	15	1,050	1,050		
<b>Other districts</b>	2	50	50		
<b>Michigan</b>	17	1,100	1,100	31,000	34,100

**Squash, winter, fresh market: Number of farms, acres, yield,  
and production, by County and district**

County and district	Farms	Planted	Harvested	Yield	Production
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
<b>Central</b>	15	230	210	16,500	3,460
Bay	16	75			
Other counties	23	55			
<b>East Central</b>	39	130	90	19,000	1,710
Berrien	37	300			
Ottawa	21	500			
Van Buren	10	105			
Other counties	44	375			
<b>Southwest</b>	112	1,280	1,150	13,500	15,520
Lapeer	20	145			
Macomb	29	160			
St Clair	11	45			
Other counties	41	80			
<b>Southeast</b>	101	430	350	9,600	3,360
<b>Other districts</b>	118	530	500	14,000	7,000
<b>Michigan</b>	385	2,600	2,300	13,500	31,050

**Tomatoes, processing: Number of farms, acres, yield,  
and production, by county and district**

County and district	Farms	Planted	Harvested	Yield	Production
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
Branch	3	360			
Calhoun and St Joseph	4	1,040			
<b>South Central</b>	7	1,400	1,250	66,500	83,130
Lenawee	3	900			
Monroe	4	1,000			
<b>Southeast</b>	7	1,900	1,850	69,000	127,670
<b>Michigan</b>	14	3,300	3,100	68,000	210,800

**Tomatoes, fresh market: Number of farms, acres, yield,  
and production, by county and district**

County and district	Farms	Planted	Harvested	Yield	Production
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
Bay	27	75			
Other counties	28	40			
<b>East Central</b>	55	115	105	17,000	1,785
Berrien	45	930			
Other counties	76	330			
<b>Southwest</b>	121	1,260	1,210	25,800	31,220
Macomb	31	100			
Monroe	16	95			
Other counties	83	170			
<b>Southeast</b>	130	365	340	8,900	3,026
<b>Other districts</b>	144	160	145	12,200	1,769
<b>Michigan</b>	450	1,900	1,800	21,000	37,800

## Survey Methods

The 2001 Rotation Vegetable Survey questionnaire was mailed to operations on the Michigan Agricultural Statistics Service's (MASS's) list sampling frame that had indicators of vegetables. The first mailing occurred in mid-October 2001. Questionnaires were sent to potato and mint operations in late November 2001. Operators who did not respond by mail were telephoned or interviewed in person in November, December and January. Acres by crop were estimated for those who refused or who were unable to be contacted. Completion rates by type were as follows: mailed—25 percent; telephoned—43 percent; interviewed—13 percent; estimated—19 percent. The percent of cooperation varied widely by crop, as shown in the table below.

The definition of a commercial grower for this inventory was anyone growing at least one total acre of the crops of interest—potatoes, mint or vegetables. There were a total of 1,550 such farms identified. That was down from 2,020 three years ago. The decline was in small and medium-sized

vegetable farms. Three years ago there were 1,865 farms with 250 acres or less of vegetables. That count fell to 1,400 in 2001. The total acres of vegetables, however, rose by one percent since 1998 to just over 177,000.

Acres planted for major counties for each vegetable crop and utilization are shown except when confidentiality rules prohibited county level data publication. This is when there are fewer than three growers in the county or when one grower has more than 60 percent of the acres. Harvested acres and mean yields are shown at the agricultural statistics district level for major vegetable crops. They are published at the state level for minor crops.

Several vegetable farms operated in more than one county. The individual crop acres were split among the counties according to the percentage of the total vegetable acres in each county. The farm was, however, attributed to only the county with the majority of vegetable acres.

**Percent of Acres Imputed**

Crop	Percent
Asparagus	17.7
Beans, snap, processing	19.0
Beans, snap, fresh	11.3
Cabbage	13.2
Cantaloups	37.2
Carrots	19.7
Cauliflower	12.5
Celery	19.6
Corn, sweet	23.6
Cucumbers, processing	17.3
Cucumbers, fresh	3.6
Mint	46.8
Onions, dry	12.5
Peppers, bell	18.8
Peppers, other	35.4
Potatoes	20.0
Pumpkins	13.3
Squash, summer	15.8
Squash, winter	4.7
Tomatoes, processing	12.3
Tomatoes, fresh	15.0
Turnips	22.1

# Michigan Vegetable Inventory-2001



Michigan Agricultural Statistics Service  
 3001 Coolidge Road, Suite 400  
 East Lansing, Michigan 48823  
 Telephone: (517) 324-5300  
 Facsimile: (517) 324-5299

Project Code 481  
 October 2001

S A M P L E

Dear Grower:

The Michigan Department of Agriculture is conducting an inventory of Michigan's vegetable acreage. There is a demand for marketing information at the county level. We need your help to insure that all vegetable acreage and production is counted. **For this report, mint and potatoes are also included.** Please report your acreage and yield of vegetable crops. The information you report is kept confidential. Response to this survey is voluntary and not required by law. Your cooperation, however, is very important and greatly appreciated. Please complete and return this questionnaire promptly.

Thank you,

David D. Kleweno  
 State Statistician

Marty Saffell, Dan Ledbury  
 Agricultural Statisticians

*Please make corrections to name, address and Zip Code, if necessary.*

If not growing vegetables, mint or potatoes, check reason below and give new operator's name.

1.  Farm sold.
2.  Retired from farming.
3.  Entire farm rented to others.
4.  Farming, but not growing vegetables, mint, or potatoes.

Complete A. and B. below.

To avoid duplication, indicate below any farm name or partner(s) associated with this operation **not** included in the above address.

If you receive more than one of these forms, please complete one, mark any other "duplicate," and mail in all forms.

Farm Name: \_\_\_\_\_

Partner's Name(s): \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ Zip: \_\_\_\_\_

New Operator Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_

**Instructions:** Include land rented from others, but exclude land rented to others. When a crop is used for fresh market and processing, please distinguish between the two uses.

- A. Total acres operated in 2001 (Include land you own or rent, exclude land rented out) . . . . .
- B. Of the total acres operated, how many acres are considered cropland? . . . . .
- C. Acres of **vegetables, mint, and potatoes** in major county of operation. \_\_\_\_\_
- D. Acres of **vegetables, mint, and potatoes** in secondary county of operation. \_\_\_\_\_

(specify county)

(specify county)

Acres

901
902
903
904

Vegetables						
Commodity	Use	Acres planted in 2000 (nearest tenth)	Acres planted in 2001 (nearest tenth)	Acres harvested in 2001 (nearest tenth)	2001 Yield (pounds/acre)	Average price (cents/lb)
Beans, snap	Fresh	101	102	103	104	105
	Processing		142	143	144	145
Beets, red	Fresh		152	153	154	155
Broccoli	Fresh		172	173	174	175
	Processing		182	183	184	185
Cabbage	Fresh	201	202	203	204	205
	Processing		192	193	194	195
Cantaloupes	Fresh	301	302	303	304	305
Carrots	Fresh	401	402	403	404	405
	Processing		212	213	214	215
Cauliflower	Fresh		502	503	504	505
	Processing		222	223	224	225
Celery	Fresh	601	602	603	604	605
	Processing		232	233	234	235
Corn, sweet	Fresh	701	702	703	704	705
Cucumbers	Fresh	801	802	803	804	805
Cucumbers (for pickles)	Processing		252	253	254	255
Eggplant	Fresh		242	243	244	245
Greens-collard, mustard, etc.	Fresh		262	263	264	265
Lettuce, head	Fresh		282	283	284	285
Lettuce, other	Fresh		292	293	294	295



Vegetables (continued)						
Commodity	Use	Acres planted in 2000 (nearest tenth)	Acres planted in 2001 (nearest tenth)	Acres harvested in 2001 (nearest tenth)	2001 Yield (pounds/acre)	Average price (cents/lb)
Onions, dry	Fresh	111 .	112 .	113 .	114	115
Onions, green	Fresh		322 .	323 .	324	325
Parsnips	Fresh		372 .	373 .	374	375
Peas, green	Fresh		482 .	483 .	484	485
	Processing		492 .	493 .	494	495
Peppers, bell	Fresh	121 .	122 .	123 .	124	125
	Processing		332 .	333 .	334	335
Peppers, other	Fresh		342 .	343 .	344	345
	Processing		352 .	353 .	354	355
Pumpkins	Fresh	361 .	362 .	363 .	364	365
Radishes	Fresh	381 .	382 .	383 .	384	385
Squash, summer	Fresh	391 .	392 .	393 .	394	395
	Processing	411 .	412 .	413 .	414	415
Squash, winter	Fresh	421 .	422 .	423 .	424	425
	Processing	431 .	432 .	433 .	434	435
Tomatoes	Fresh	131 .	132 .	133 .	134	135
	Processing		442 .	443 .	444	445
Turnips	Fresh		452 .	453 .	454	455
Watermelons	Fresh		472 .	473 .	474	475
Other* _____ (specify)	Fresh		512 .	513 .	514	515
	Processing		522 .	523 .	524	525

\*Other vegetables may include kale, parsley, rhubarb, spinach and any other vegetable not listed.

Asparagus			
Current total acres	Use	Acres harvested in 2001 (nearest tenth)	2001 yield (pounds/acre)
190	Fresh	197	198
	Processing	207	208

Code Box	
Variety	Code
Franklin	101
G - 178	102
Jersey Gem	103
Jersey General	104
Jersey Giant	105
Jersey Knight	106
Jersey Supreme	107
Mary Washington	108
Millenium	109
Viking KB3	110

Report current total asparagus acres using the variety codes provided. If not listed, write in the variety or hybrid.

Field (number)	County	Variety (code or name)	Year planted	Acres (nearest tenth)	Field (number)	County	Variety (code or name)	Year planted	Acres (nearest tenth)
				.					.
				.					.
				.					.
				.					.
				.					.
				.					.
				.					.
				.					.
				.					.
				.					.

SAMPLE

Mint				
Type	Acres harvested in 2000	Acres harvested in 2001	Pounds of oil produced per acre in 2001	2001 average oil price (dollars/lb)
Peppermint	156	157	158	159
Spearmint	166	167	168	169

Potatoes				
Location	Use	Acres planted in 2001	Acres harvested in 2001	Yield (cwt./acre)
County 1: _____ (specify)	Fresh	106	107	108
	Chipping	216	217	218
	Other	306	307	308
	Seed	406	407	408
County 2: _____ (specify)	Fresh	506	507	508
	Chipping	606	607	608
	Other	706	707	708
	Seed	806	807	808
County 3: _____ (specify)	Fresh	116	117	118
	Chipping	126	127	128
	Other	136	137	138
	Seed	146	147	148

Office Use Only	Respondent		Response Code		Enum.	Eval.
Respondent's Name	1-Op/Ptnr 2-Sp 3-Acct/Bkpr 4-Oth 5-Est R 6-Est NR	101	2-Tel 3-Int 7-TR 8-IR 9-Inac	910	098	100

---

## INTERNET ACCESS

Reports, data products, and services published by Michigan Agricultural Statistics Service, Michigan Department of Agriculture, and National Agricultural Statistics Service of the United States Department of Agriculture are available on the Worldwide Web. There is no charge for connecting to these Internet addresses:

- **Michigan Department of Agriculture (MDA)**

MDA home page at: <http://www.michigan.gov/mda>

- **Michigan Agricultural Statistics Service (MASS)**

MASS home page at: <http://www.nass.usda.gov/mi>

Under the **MASS** home page you will find up-to-date data such as Crop-Weather releases, press releases, *Agriculture Across Michigan*, and county estimates.

- **National Agricultural Statistics Service (NASS)**

NASS home page at: <http://www.usda.gov/nass>

You can access national releases, 1997 Census of Agriculture data, and home pages of **NASS** state offices including Michigan from this web site. *Michigan Crop Weather* and national releases by free e-mail subscription are available from this site.

---

## AUTOFAX ACCESS

NASSFax service is available for some reports from your fax machine. Please call 202-720-2000, using the handset attached to your fax. Respond to the voice prompts.

---

## PRINTED REPORTS OR DATA PRODUCTS

CALL OUR TOLL-FREE ORDER DESK: 1-800-999-6779 (U.S. and Canada)

Other areas, please call 1-703-834-0125 FAX: 1-703-834-0110

(Visa, MasterCard, check, or money order acceptable for payment).

---

## ASSISTANCE

For assistance or questions regarding Michigan agriculture, call 1-800-453-7501. Further information about NASS or its products or services can be obtained by contacting the Agricultural Statistics HOTLINE at 1-800-727-9540, 7:30 a.m. to 4:30 p.m. ET or e-mail: [nass@nass.usda.gov](mailto:nass@nass.usda.gov).

---

This bulletin is provided free to Michigan farmers and reporting agribusiness firms. Others may obtain copies at \$5.00 each. Please make checks payable to USDA-NASS and send with your request to P.O. Box 26248, Lansing, MI 48909-6248.

PRINTED BY AUTHORITY OF PUBLIC ACT 380 OF 1965, AS AMENDED  
TOTAL NUMBER OF COPIES PRINTED: 4,000 TOTAL COST: \$3,760.83 COST PER COPY: \$0.94



Michigan Department of Agriculture

Michigan Agricultural Statistics Service  
P. O. Box 26248  
Lansing, Michigan 48909-6248

---

**OFFICIAL BUSINESS**

PRESORTED STANDARD  
U. S. POSTAGE  
**PAID**  
Lansing, MI  
Permit No. 1200

2002 Census of Agriculture  
coming in December