

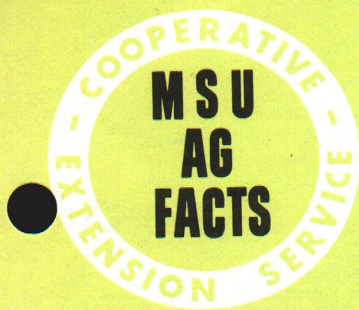
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Home Vegetable Garden: Variety Recommendations
Michigan State University
Cooperative Extension Service
Robert C. Herner and J. Lee Taylor
Department of Horticulture
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Home Vegetable Garden Variety Recommendations

FEBRUARY 1977

EXTENSION BULLETIN E-760(a)

By Robert C. Herner and J. Lee Taylor, Dept. of Horticulture

Many of the vegetable varieties released each year yield better and have higher quality than older varieties. Most hybrids show good vigor with higher yields, and may have more disease resistance. However, excellent older varieties should not be discarded just because newer ones are available. Test a few varieties each year to see how they perform before discarding proven varieties. Each year, on the basis of tests throughout the country, All-American varieties are selected and are usually listed in seed catalogs. Disease resistant or tolerant varieties should be grown where possible.

One other factor should be considered when choosing a variety and that is the number of days to maturity. Choose varieties which will be able to mature during your growing season. For example, most sweet potatoes require about 150 days from planting to maturity so there is little likelihood that they would mature in most parts of the Upper Peninsula. The number of days to maturity are given from seeding except for those crops which are normally transplanted as indicated. Refer to the map of Michigan (p. 3) to determine the average number of days of the growing season in your area.

Experienced gardeners buy most of their seed through seed catalogs because many more varieties are offered for sale, especially the newer ones. Many other excellent varieties besides those listed in this bulletin are available through seed catalogs.

Catalogs of most seed companies are available from December through spring and include information that cannot be printed on small packets, such as varieties

recommended for home freezing, disease-resistant varieties, and hybrid varieties. To obtain seeds or plants of the varieties listed in this bulletin, check your local garden center, or write for a catalog from a retail mail order seed company. See page three for a partial listing of such companies.

For additional cultural information, consult Extension Bulletin E-529, "Home Vegetable Garden" available from your County Extension Office or from the: MSU Bulletin Office, P.O. Box 231, East Lansing, MI 48824. Price 25 cents.

Following is a list of vegetable varieties suggested for Michigan gardens. Where indicated by letter code, varieties are resistant or tolerant to a particular disease (see key below). Numbers in parentheses indicate approximate number of days to harvest from seeding or transplanting. Those crops normally transplanted are indicated. Hybrid varieties are designated with (hyb.). Those varieties which have been designated as All American Winners are shown with an asterisk *.

RESISTANCE, TOLERANCE KEY

A	Anthraxnose	R	Rust
ALS	Angular Leaf Spot	S	Scab
DM	Downy Mildew	SB	Slow Bolting
F	Fusarium	TMV	Tobacco Mosaic Virus
M	Mosaic	t	tolerant
N.Y. 15	N.Y. 15 Virus	V	Verticillium
PM	Powdery Mildew	Y	Yellows

RECOMMENDED VARIETIES FOR 1977

ASPARAGUS

Mary Washington (R) (Perennial)

BEANS, Lima

Large Seeded, Bush

*Fordhook 242 (heat resist.) (75)

Large Seeded, Pole

King of the Garden (88)

Small Seeded, Bush

Henderson Bush (65)

Tnaxter (DM) (74)

BEANS, Snap

Bush Green

Provider (M,N.Y.15,tPM) (50)

Green Ruler (51)

Spartan Arrow (M) (51)

Blush Romano (52)

Contender (M,PM) (53)

Tendercrop (M,N.Y. 15) (53)

Tenderette (M,N.Y. 15) (53)

Improved Tendergreen (M) (56)

Bush Blue Lake (M, N.Y. 15) (58)

Bush Yellow

*Resist. Cherokee Wax (M, N.Y. 15) (52)

Eastern Butterwax (53)

*Goldcrop (M, heat resist.) (54)

Kinghorn Special (54)

Horticultural

French Horticultural (68)

Pole

Blue Lake (60)

Romano (64)

Kentucky Wonder (R) (65)

BEETS

Crosby Green Top (60)

*Ruby Queen (63)

Detroit Dark Red (63)

Long Season (80)

BROCCOLI - Transplanted

*Green Comet (hyb.) (55)

Spartan Early (55)

*Premium Crop (hyb.) (58)

Waltham 29 (74)

BRUSSELS SPROUTS - Transplanted

*Jade Cross (hyb.) (90)

Long Island Improved (90)

CABBAGE - Transplanted

Early

C-C Cross (hyb.) (50)

Yellows Rest. Golden Acre (Y) (63)

*Stonehead (hyb.) (Y) (66)

Midseason

*Ruby Ball (red) (hyb.) (68)

Badger Market (Y) (70)

Market Topper (hyb.) (Y) (73)

Marion Market (Y) (75)

Market Prize (hyb.) (Y) (76)

Greenback (Y) (77)

Late

Badger Ballhead (Y) (98)

Savoy

Chieftain Savoy (85)

*Savoy King (hyb.) (heat resist.) (90)

CARROTS

Pioneer (hyb.) (67)

Nantes (68)

Danvers 126 (75)

Spartan Bonus (hyb.) (77)

Spartandelite (hyb.) (79)

CAULIFLOWER - Transplanted**Spring**

- *Snow Crown (hyb.) (53)
- *Snow King (hyb.) (55)
- Super Snowball (57)
- Snowball A (59)
- Snowball M (59)
- Fall**
- Snowball Imperial (58)
- Self-Blanche (70)
- Greenball (green colored head) (95)
- Royal Purple (purple colored head) (95)

CELERY - Transplanted

- Golden Self Blanching (115)
- Florida 2-13 (125)
- Tall Green Light (125)
- Utah 52-70 (125)

CHINESE CABBAGE**Chihli Type**

Michihli (75)

Wong Bok Type

- Early Hybrid G (hyb.) (55)
- Springtime (hyb.) (60)
- Summertime (hyb.) (70)
- Wintertime (hyb.) (80)

COLLARDS

Vates (75)

CUCUMBERS**Slicing**

- Meridian (hyb.,gyn.) (S,M) (54)
- High Mark II (hyb., gyn.) (S,DM,M) (60)
- Burpee Hybrid (hyb.) (60)
- Gemini (hyb., gyn.) (S,M,PM,tDM,tA,tALS) (60)
- *Victory (hyb.,gyn.) (S,M,DM,PM,tA,tALS) (62)
- Marketmore 70 (S,M) (67)
- Pickling**
- Crusader (hyb.,gyn.) (M,S) (51)
- Pioneer (hyb.,gyn.) (S,M,DM,tPM,tA,tALS) (51)
- Wisconsin SMR 18 (M,S) (54)

EGGPLANT - Transplanted

- Burpee Hybrid (hyb.) (70)
- Black Magic (hyb.) (73)
- Jersey King (hyb.) (75)
- Classic (hyb.) (76)
- Black Beauty (80)

ENDIVE**Escarole (smooth leaves)**

- Florida Deep Heart (85)
- Full Heart Batavian (90)

Curled

- Green Curled (95)
- Salad King (98)

GARLIC

- Creole
- Italian

KALE

- Dwarf Blue Curled (55)
- Dwarf Blue Scotch (55)
- Vates (55)

KOHLRABI

- Early White Vienna (55)
- Early Purple Vienna (60)

LEEKs

- American Flag (120)

LETTUCE

- Crisp Head**
- Ithaca (72)
- Fulton (SB) (80)
- Great Lakes 659 (SB) (80)
- Butterhead**
- Chesibb (60)
- Summer Bibb (SB) (62)
- *Buttercrunch (SB) (64)
- Leaf**
- Domineer (40)
- *Ruby (Red) (45)
- Grand Rapids (45)
- *Salad Bowl (SB) (48)
- Cos or Romaine**
- Parris Island Cos (73)

MUSKMELON - Transplanted

- Early Dawn (82)
- Burpee Hybrid (F) (hyb.) (82)
- Harper Hybrid (F) (hyb.) (86)
- Gold Star (F) (hyb.) (87)
- Supermarket (F,DM) (hyb.) (88)
- Saticoy (F,PM,DM) (hyb.) (90)

MUSTARD

- Tendergreen (35)
- Green Wave (45)

OKRA

- Dwarf Green Long Pod (53)
- Emerald (56)
- *Clemson Spineless (58)

ONION

- Sets**
- Ebenezer (95-100)
- Stuttgarten (95-100)
- Transplants**
- Sweet Spanish (95-100)
- Seeds**
- Autumn Spice (hyb.) (96)
- Abundance (hyb.) (100)
- Spartan Era (hyb.) (100)
- Spartan Gem (hyb.) (105)
- Spartan Sleeper (hyb.) (110)
- Downing Yellow Globe (110)
- Ruby Red (115)
- Bunching**
- Beltsville Bunching (65)
- White Portugal (100)

PARSLEY

- Leaf**
- Plain Italian Dark Green (74)
- Perfection (75)
- Curled Dwarf (85)
- Parsnip-rooted**
- Hamburg (90)

PARSNIP

- All America (105)
- Harris Model (120)

PEAS

- Perfect Freezer (F) (60)
- *Freezonian (F) (62)
- Little Marvel (62)
- Greater Progress (62)
- Frosty (F) (64)
- Green Arrow (F,DM) (68)
- Wando (heat resistant) (68)
- Edible podded**
- Dwarf Gray Sugar (65)

PEPPERS - Transplanted**Sweet**

- Canape (M) (hyb.) (62)
- Vinedale (62)
- *Bell Boy (M) (hyb.) (70)
- Midway (M) (72)
- California Wonder (M) (74)
- Yolo Wonder (M) (76)
- Keystone Resistant Giant (M) (85)
- Hot**
- Hot Portugal (64)
- Hungarian Wax (65)
- Rumanian Wax (70)
- Large Red Cherry (72)

POPCORN**White**

- White Cloud (95)
- Ipop 7 (100)
- Michigan Hybrid No. 1 A (100)

POTATO**Early (75)**

- Onaway, Irish Cobbler, Norland, Superior

Midseason (90)

- Norgold Russet, Norchip

Late (110-120)

- Katahdin (sus. to scab), Sebago,
- Russet Rural, Kennebec (sus. to scab),
- Russet Burbank

For Muck Soils

- Katahdin (sus. to scab), Norland,
- Sebago, Superior, Kennebec (sus. to scab)

SWEET POTATO

- Centennial (150)

PUMPKIN**Small**

- Small Sugar (100)
- Spookie (110)

Medium

- Cinderella (Bush type) (100)
- Youngs' Beauty (110)

Large

- Jack-O-Lantern (115)
- Connecticut Field (120)

Very Large

- Big Max (120)

RADISH**Red**

- Red Boy (22)
- *Cherry Belle (24)
- *Champion (28)

White

- Icicle (28)

RHUBARB (Perennial)

- Canada Red
- MacDonald
- Valentine
- Victoria

RUTABAGA

- American Purple Top (90)
- Laurentian (90)

SALSIFY

- Mammoth Sandwich Island (120)

SPINACH

- Viking (46)
- Bloomdale Long Standing (48)
- *America (50)

New Zealand (not true spinach, grown during hot weather) (70)

SQUASH**Summer Yellow**

- *Early Prolific Straightneck (50)
- Seneca Butterbar (hyb.) (51)
- Seneca Prolific (hyb.) (51)
- Burpee Golden Zucchini (54)

Summer Green

- *Aristocrat (hyb.) (50)
- Zucchini Elite (hyb.) (50)
- Cocozelle (striped) (60)

Summer White

- *St. Pat. Scallop (hyb.) (50)

Winter - Storage

- *Table King (Bush type Acorn) (80)
- *Gold Nugget (Bush type) (85)
- Perfection (85)
- Table Queen (85)
- *Waltham Butternut (95)
- Buttercup (100)

SWEET CORN**Early**

- Buttervee (hyb.) (58)
- Spring Gold (hyb.) (67)
- Bravo (hyb.) (68)
- Sprite (hyb.) (bicolor) (69)
- Sundance (hyb.) (69)

Midseason

- Northern Belle (hyb.) (74)
- Butter and Sugar (hyb.) (78) (bicolor) (78)
- Goldcup (hyb.) (80)
- Wonderful (hyb.) (82)
- Jubilee (hyb.) (84)

Late

- Silver Queen (hyb.) (92)
- Golden Queen (hyb.) (94)

SWISS CHARD

- Fordhook Giant (60)
- Rhubarb (60)

TOMATO - Transplanted**Early**

- New Yorker (V) (64)
- Springset (V,F) (hyb.) (67)
- Red Pak (V,F) (hyb.) (71)

Midseason

- Setmore (V,F) (hyb.) (71)
- Jetstar (V,F) (hyb.) (72)
- Campbell 1327 (V,F) (73)
- Heinz 1350 (V,F) (75)
- Roma (V,F) (Paste) (76)

Late

- San Marzano (Paste) (78)
- Supersonic (V,F) (hyb.) (79)
- Burpee (V,F) (hyb.) (80)
- Manalucie (F) (86)

Yellow

- Golden Boy (hyb.) (78)
- Sunray (F) (83)

Small fruited

- Pixie (hyb.) (container type) (52)
- Presto (hyb.) (container type) (60)
- *Small Fry (V,F) (hyb.) (container type) (68)
- Yellow Pear (70)

TURNIP

- *Tokyo Cross (hyb.) (35)
- *Just Right (hyb.) (40)
- Purple Top White Globe (57)

WATERMELON - Transplanted

- Market Midget (67)
- *Yellow Baby (hyb.) (yellow flesh) (70)
- Fordhook Hybrid (hyb.) (74)
- Petite Sweet (F,A,) (75)
- Summer Festival (hyb.) (88)
- Seedless Hybrid 313 (A) (hyb.) (90)
- Crimson Sweet (F,A) (90)
- Sweet Princess (F,A) (96)

You may also wish to try the All America Vegetable Selections for 1977. They are as follows: Savoy Ace cabbage (hyb.), Melody spinach (hyb.), Scallopini squash (hyb.) and Spirit pumpkin (hyb.)

MAIL ORDER SEED COMPANIES

Burgess Seed and Plant Co.
P.O. Box 218
Galesburg, Michigan 49053

Many unusual vegetables; also flowers and fruits.

W. Atlee Burpee Co.
P.O. Box 6929
Philadelphia, Pennsylvania 19132

Good selection of good quality vegetables, herbs and flowers.

Farmer Seed and Nursery Co.
Fairbault, Minnesota 55021

Special attention to midget vegetables and early maturing varieties for Northern areas. Also flowers and fruits.

Henry Field Seed and Nursery Co.
Shenandoah, Iowa 51601

Many hard to find items; also has fruits and flowers.

Gurney Seed and Nursery Co.
Yankton, South Dakota 57078

Unusual items, emphasizes short-season varieties for the North. Also fruits and flowers.

Joseph Harris Co.
Moreton Farm
Rochester, New York 14624

Excellent selection of good quality vegetables; also flowers.

The Chas. A. Hart Seed Co.
Wethersfield, Connecticut 06109

Good selection of vegetables, flowers and herbs.

J. W. Jung Seed Co.
Randolph, Wisconsin 53956

Vegetables, fruits and flowers for the home garden.

Earl May Seed and Nursery Co.
Shenandoah, Iowa 51603

Wide selection of vegetables, fruits and flowers.

Nichols Garden Nursery
1190 North Pacific Highway
Albany, Oregon 97321

Unusual and rare vegetables and herbs.

L. L. Olds Seed Co.
P.O. Box 1069
2901 Packers Avenue
Madison, Wisconsin 53701

Good selection of vegetables, also flowers.

Geo. W. Park Co., Inc.
Greenwood, South Carolina 29646

All American selections of vegetables, large varieties of flowers.

Seedway, Inc. (formerly Robson
Quality Seeds, Inc.)
Hall, New York 14463

Good selection of vegetables, flowers.

R. H. Shumway Seedsman
128 Cedar Street
Rockford, Illinois 61101

Vegetables, flowers, fruits displayed in an old time catalog.

Stokes Seeds, Inc.
Box 548
Buffalo, New York 14240

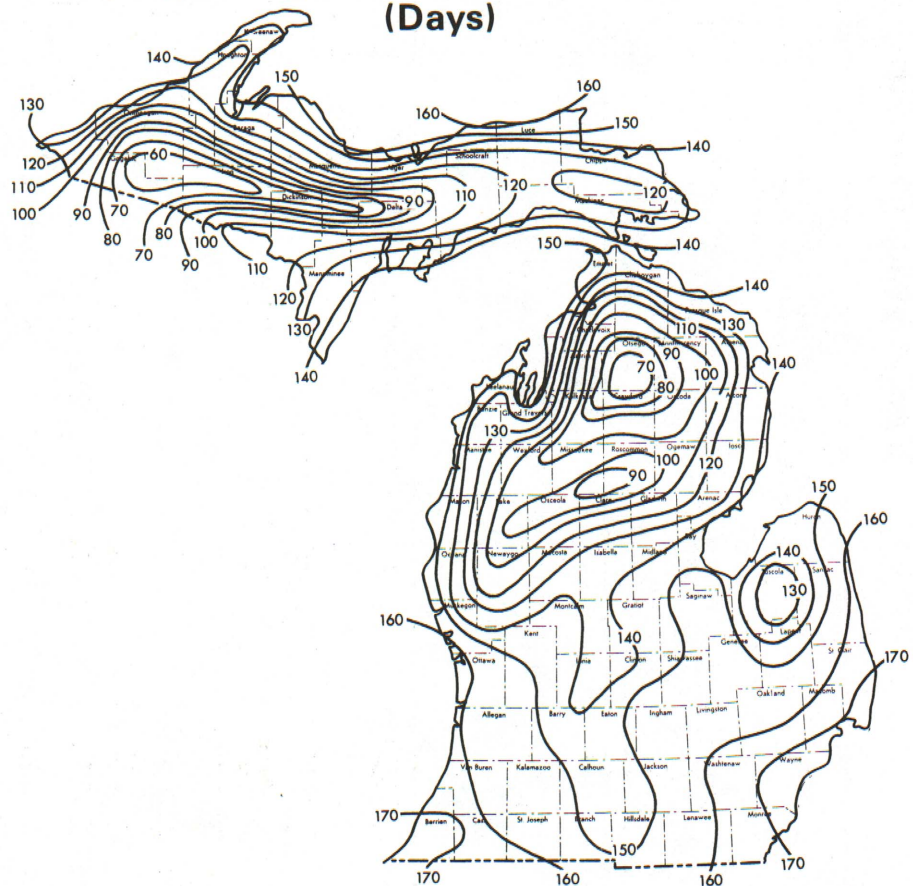
Good selection of vegetables, emphasis on short season varieties; also flowers.

Otis S. Twilley Seed Co.
Salisbury, Maryland 21801

Good selection of vegetables and flowers.

No endorsement of companies or their products is intended in this alphabetical listing, nor is criticism implied of similar companies or their products which are not shown.

Average Length of 32° F. Frost-Free Period (Days)



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Vegetable Planting Chart

VEGETABLE	Planting Times*	Weeks from Seeding to Transplanting	Depth to Plant (inches)	Amount of Seed	Days to Maturity	Planting Distance (inches)			Row Length (feet)	Estimated Production
						In Rows After Thinning	Between Rows	Row Length (feet)		
Asparagus	April		6 to 8	12 plants	2 to 3 yrs.	12 to 18	36 to 60	20	6 pounds	
Beans, Lima	May 20-Jun. 1		1 to 2	1/2 pound	65 to 90	3 to 4	18 to 24	50	4 pounds shelled	
Beans, Snap	Apr. 20-Jun. 30		1 to 2	1/4 ounce	50 to 70	3 to 4	18 to 24	15	7 pounds	
Beets	Mar. 20-Apr. 20		1/2 to 1	1/4 ounce	60 to 80	2 to 3	18 to 24	25	25 pounds	
Broccoli	Mar. 20-Apr. 20, Jun. 20-30	4 to 6	(plants)	12 plants	55 to 75	18 to 24	30	25	10 pounds	
Brussels Sprouts	Apr. 1-20, Jun. 20-30		(plants)	15 plants	90 to 95	18 to 24	30	25	8 pounds	
Cabbage	Apr. 1-20, Jun. 20-30	4 to 6	(plants)	6 plants	65 to 100	18 to 24	24 to 30	12	6 heads	
Carrots	Apr. 1-10		1/2 to 1	1/2 pkt.	65 to 85	1 to 2	18 to 24	15	15 pounds	
Cauliflower	Apr. 1-20, Jun. 20-30	4 to 6	(plants)	5 plants	60 to 95	18 to 24	30	10	5 heads	
Celeriac	Apr. 1-20		1/2	1/8 pkt.	120	4 to 6	18 to 24	10	6 pounds	
Celery	Feb. 20-30, Apr. 20-30	10 to 12	(plants)	30 plants	100 to 125	4 to 8	18 to 24	15	30 stalks	
Chinese Cabbage	Jun. 20-Jul. 30		1/2	1/4 pkt.	60 to 80	12	24 to 30	10	12 heads	
Collards	Apr. 1-20	4 to 6	1/2	1/2 pkt.	75	6 to 8	18 to 24	25	20 pounds	
Cucumbers	May 20-Jun. 20	4	1 to 2	1/2 pkt.	50 to 70	12	48 to 72	10	6 pounds	
Eggplant	May 20-Jun. 1	8 to 10	(plants)	3 plants	70 to 80	24 to 30	24 to 30	6	12 fruits	
Endive	Mar. 20-Apr. 20		1/2	10 plants	80 to 100	8 to 12	12 to 18	6	10 heads	
Garlic	Mar. 20-Apr. 20		1 1/2	4 cloves	115	3	12 to 18	1	4 bulbs	
Kale	Jun. 20-Jul. 30		1/2 to 1	6 plants	55 to 60	8 to 15	18 to 24	6	6 heads	
Kohlrabi	Mar. 20-Apr. 20, Jun. 20-30	4 to 6	1 to 1 1/2	24 plants	55 to 65	4 to 8	18 to 24	12	24 stems	
Leeks	Mar. 20-Apr. 20		1/2	1 pkt.	130	2 to 3	12 to 18	10	30	
Lettuce (head)	Mar. 20-Apr. 20, July	4 to 6	1/4 to 1/2	18 plants	70 to 85	8 to 15	18 to 24	15	15 heads	
Lettuce (leaf)	Mar. 20-Apr. 30, July		1/4 to 1/2	1 pkt.	45 to 55	6	12 to 18	5	2 1/2 pounds	
Muskmelon	May 20-Jun. 1	4	1 to 2	1/2 pkt.	80 to 90	36 to 48	48 to 60	16	18 fruits	
Mustard	Apr. 20-May 20, August		1/2	1/4 pkt.	35 to 45	6 to 8	18 to 24	10	5 pounds	
Okra	May 20-Jun. 1		1/2	1/4 pkt.	50 to 60	12 to 15	24 to 30	8	5 pounds	
Onion (sets)	Mar. 20-Apr. 20		1 to 2	1/2 pound	90	2	12 to 18	10	5 pounds	
Onion (seeds)	Mar. 20-Apr. 20		(plants)	120	90 to 115	2 to 3	12 to 18	30	25 pounds	
Parsnips	Apr. 1-20		1/2	1 pkt.	105 to 130	2 to 3	12 to 18	30	25 pounds	
Peas	Mar. 20-May 15		1/2	1/3 pkt.	100 to 120	3 to 4	18 to 24	15	15 pounds	
Peppers	May 20-Jun. 1, July 15	8 to 10	(plants)	1 pound	55 to 70	2 to 3	12 to 18	100	28 pounds	
Pop Corn	May 20-Jun. 1		2 to 2 1/2	6 plants	60 to 80	14 to 18	24 to 30	10	6 pounds	
Potatoes	Apr. 20-Jun. 1		4	1/3 pkt.	90 to 120	10 to 12	30 to 36	25 — 2 rows	1 peck	
Potatoes, Sweet	May 20-Jun. 1		(plants)	5 pounds	100 to 120	10 to 12	24 to 36	50	50 pounds	
Pumpkins	May 20-Jun. 1		1/2	25 plants	150	12 to 18	36	25	10 pounds	
Radishes	Mar. 20-Apr. 20, July		1/2	1/3 pkt.	100 to 120	36 to 48	60 to 96	3 hills	30 pounds	
Rhubarb	Mar. 20-Apr. 30		1/2	1 pkt.	25 to 30	1 to 2	6 to 12	12	8 pounds	
Rutabaga	Jun. 1-20		1/2	3 plants	1 to 2 yrs.	36 to 48	48	9	8 pounds	
Salsify	Apr. 1-20		1/2	1/2 pkt.	90 to 95	4 to 6	18 to 24	15	15 pounds	
Spinach	Mar. 20-Apr. 20, July		1/4 to 1/2	1/3 pkt.	120	3 to 4	18 to 24	5	15 pounds	
Squash (Summer)	May 20-Jun. 1		1 to 1 1/2	1/8 ounce	40 to 50	3 to 6	12 to 18	10	5 pounds	
Squash (Winter)	May 20-Jun. 1		1 to 1 1/2	1/2 pkt.	45 to 60	36 to 48	36 to 48	2 hills	24 fruits	
Sweet Corn	Apr. 20-July 1		2 to 2 1/2	1 pkt.	85 to 110	48 to 60	60 to 72	4 hills	10 fruits	
Swiss Chard	Apr. 1-20		1/2	1/4 pound	65 to 95	10 to 12	25 — 2 rows	40 ears	40 ears	
Tomatoes	May 20-Jun. 1	4 to 6	(plants)	10 plants	50 to 60	6 to 8	18 to 24	8	7 pounds	
Turnips	July		1 to 1 1/2	1/8 plants	60 to 90	24 to 36	36 to 48	40	3 bushel	
Watermelons	May 20-Jun. 1	4	1 to 2	1/2 pkt.	40 to 60	4 to 6	18 to 24	20	20 pounds	
					85 to 95	72 to 96	72 to 96	2 hills	4 melons	

* Planting times are based on conditions at East Lansing. Change these times to suit your location.