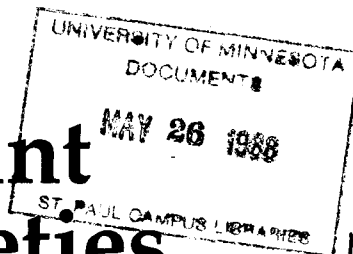


# Disease-Resistant Vegetable Varieties



Sandra L. Gould  
Jill D. Pokorny  
Plant Disease Clinic  
Department of Plant Pathology

Minnesota Extension Service  
University of Minnesota



Every year the Minnesota Extension Service clinics receive samples of diseased vegetable plants. Anyone who has experienced the frustration of watching their vegetables succumb to diseases knows the effect these diseases can have in reducing yield and quality of vegetables in the garden. One of the best ways to avoid this destruction from plant diseases is to plant resistant or tolerant varieties whenever possible.

The terms resistance and tolerance do not mean that varieties are immune to all diseases. Resistance means that the plant has the ability to avoid infection, mainly due to genetic characteristics of the plant. Tolerance means that the plant has the ability to withstand a moderate infection without suffering substantial loss. The degree of resistance or tolerance will vary somewhat under different environmental conditions and with different strains of pathogens. Because of this variance, we have chosen to list the two groups under one heading called "disease resistance or tolerance."

The following list of disease resistant or tolerant veg-

etable varieties was collected from 17 seed catalogs. The list is not intended to be all inclusive, but it does include the seed sources that gave information on resistance or tolerance to specific diseases. Other companies may carry the variety, but their catalogs did not have specific disease information listed. The seed sources are listed on page 8.

Varieties that have reportedly grown well in Minnesota are marked by an asterisk\*. These are not necessarily the only recommended varieties. Be sure to check the "days to maturity" column to select appropriate varieties for your area.

The following list was collected for use as a guide to selecting disease resistant and tolerant varieties. If you've had problems with a particular disease, go to the host category and check the list for any resistant or tolerant varieties which are suited for your area. Selection of a variety with resistance will be one of the most effective methods of minimizing your vegetable disease problems.

## ASPARAGUS

Variety	Days to Maturity	Disease Resistance or Tolerance	Seed Source
Brock's Imperial Hyb.	—	R	4
Early California 500	—	R	4
Jersey Centennial Hyb.	—	R,F	9
Martha Washington	—	R,F	7
*Mary Washington	—	R	2,3,4,5,6,9, 12,13,14,16
Viking	—	R	15
*Viking KB3	—	R,F	15
Waltham	—	R	4,6

F = Fusarium, R = rust

## BEANS

Variety	Days to Maturity	Disease Resistance or Tolerance	Seed Source
Atlantic	51	CBM	1
Blazer	58	CBM,V	1
Blue Lake Bush 47	57	CBM,V	1
*Blue Lake Bush 274	56	CBM,V	2,6,11,12,14
Blue Lake Stringless	60	CBM	12
Cape	52	CBM,V,R	1
Charlevoix (kidney)	102	A	8
*Cherokee Wax	51	CBM,V	1,6,7,15
Contender	50	CBM,V,PM	3,4,6,12,15
*Eagle	57	CBM,V	1
Eastland (lima)	76	DM	7,13
Flo	53	CBM,V,A	1
Frenchie	43	CBM	15
Gator Green	55	CBM	15,16
*Goldcrop (wax)	53	CBM,V	2,9,13,14,15, 16
Goldkist (wax)	59	R	13
Golden Rod (wax)	56	CBM	7,9,15
*Goldrush (wax)	54	CBM,V	1
Golden Wax Improved	52	CBM,R	6,13
Gourmet	70	CBM,A	16
*Greencrop (flat bean)	42	CBM,PM	15
Green Lantern	53	CBM,R	15
*Greensleeves	56	CBM,V	2
Honey Gold (wax)	40	CBM	15
Hy Style	57	CBM,V,B	7
Keygold Wax	54	CBM,V	8
Labrador	56	CBM,V,R	1
Lake Largo	58	CBM,V,R	9
Lazer (wax)	52	CBM,V	7
McHarvest	55	CBM,V	16
Marbel	54	CBM,A	8
Morgane	54	CBM,A	8
New Romanette	60	CBM,V	12
Peak	52	CBM,V,A	1
Provider	50	CBM,V,PM	1,7,8,15
Redcloud (kidney)	102	CBM,V	7
Remus MR	40	CBM	13
Roma II	56	CBM	2,7,16
Slenderwax	56	CBM,V	16
Spring Green	46	CBM	15
Sprite	54	CBM,V	1
Spurt	54	CBM,V,R	1
*Strike	50	CBM,V	1,15
Sundial	48	CBM,V	15
*Sungold Wax	56	CBM,V	7,9,11,12,15
*Tendercrop	54	CBM,V,PM	2,6,7,14
Tendergreen Improved	50	CBM	2,9

Topcrop	50	CBM,V	2,4,6,9,12
Triumph	54	CBM	5
Wade	—	CBM,PM	5
Win	52	CBM,V	1

A = Anthracnose, B = bacterial brown spot, CBM = common bean mosaic virus, DM = downy mildew, PM = powdery mildew, R = rust, V = other viruses

## BROCCOLI

Variety	Days to Maturity	Disease Resistance or Tolerance	Seed Source
Citation	65	DM	7
Emperor	58	BR,DM	8,11,13,14
Futura	75	DM	1
Green Dwarf	85	DM	13
Orion	—	DM	1
Shogun	93	BR,DM	15

BR = black rot, DM = downy mildew

## CABBAGE

Variety	Days to Maturity	Disease Resistance or Tolerance	Seed Source
Atria	95	F	8
Blueboy Hyb.	78	BR,F	16
Blue Pak	76	F	15
Blue Ribbon	76	BR,BS,F	16
Blue Vantage	76	BR,F	16
Bravo	85	BR,F	7
Charmant Hyb.	64	F	16
Custodian	95	BR	8,15
Early Jersey Wakefield	63	F	2,3,7
Express Hyb.	68	F	1
Falcon	80	F	15
Golden Acre	64	F	2,3,9,10,11, 12,14,15,17
Gourmet	70	F	15
Grand Prize	74	F	8
Grand Slam	—	BR,BS,F	11
Hancock	75	BR,F	9
Harvester Queen	60	F	3
Hinova	100	F	14
Hitoma	100	F	14
Hybrid H	95	F	7
Hybrid #5 Plus	78	F	16
Jadekeeper	90	BR,F	15
Jersey Queen	58	F	17
Jersey Wakefield	58	F	9,12
Jet Pak	64	F	11
King Cole	68	F	4,6,14,15
Krautpacker	87	F	14
Lariat	125	BR	8
Little Rock	84	F	9,14,15
Marion Market	75	F	3,11,12
*Market Prize	76	F	7
*Market Victor	65	F	7
Multikeeper	86	BR,BS,F	15
Perfect Action	73	F	8
Perfect Ball	84	F	8
Predena	95	F	14
Prime Choice	74	F	15
Prime Time	76	F	15

Princess	66	F	6,15
Red Danish	97	F	14,15
Redhead	85	F	15
Regalia	64	BR,F	15
Renova	—	F	14
Rio Verde	—	BS	11
Rodolfo	—	F	14
Roundup	78	F	9,14,15,16
Safekeeper Hyb.	95	BR	15
Sanibel	92	BS,F,PM	9,12
Savoy Queen	88	F	15
Solid Blue Brand #780	78	BR,BS,F	16
Stokes Viking			
Golden Acre	65	F	15
*Stonehead	67	F	2,3,6,9,10, 11,15,17
Struckton	98	F	15
Superette Hyb.	73	F	15
Supermarket Hyb.	72	BR,BS,F	16
Superpack	78	BS,F	8
Survivor	85	BR,F	15
Titanic 90	90	F	14
*Wisconsin			
All Seasons	90	F	3,5,6,12
Wisconsin			
Hollander #8	108	F	3,12

BR = black rot, BS = black speck, F = Fusarium yellows,  
PM = powdery mildew

## CANTALOUPE (muskmelon)

Variety	Days to Maturity	Disease Resistance or Tolerance	Seed Source
Alaska	70	F	6
*Ambrosia	86	DM,PM	2,3,10,13, 15,16
Aurora	—	DM,PM,G	1
Bush Star	88	PM	2,7,16
Canada Gem	78	F,PM	15
Classic	78	F,PM	5,6,9,10, 14,16
Columbia	77	F,PM	11,16
Delicious 51	80	F	7,8,9,12, 14,15
Dixie Jumbo	80	DM,F,PM	5,16
*Earli-Dew	80	F	8,9,11,12, 14,16,17
*Earlisweet	70	F	8,11,12,15,16
*Early Dawn	82	DM,F,PM	7
Earligold	73	PM	8
Edisto	90	DM,PM	1,3,13
Golden Champlain	75	F	6
Harper	74	F	14,15
Harvest Queen	88	F	3,16
Hiline	82	DM,PM	1
Honeybrew	87	DM,PM	16
Honeybush	82	F	2
Honeyloupe	82	V	15
Honeymoon	87	DM,PM	16
Hyb. Milky Way	80	F	6
Iroquois	88	F	3,4,6,11, 12,14,16
Jumbo	80	F	4
Laguna	77	DM,PM	1
Magnum 45	78	PM	16
Mainerock	75	F	5,9
Market Star	85	PM	12,16

Mission	82	DM,PM	1
Nova	76	PM	11
Oasis	91	A,F	7
Planter's Jumbo	86	DM,PM	1
Pride of Wisconsin	80	F	4,12
Pulsar	82	F,PM	8,16
Roadside	82	F	9,11,12
Saticoy	88	DM,F,PM	7,9,12,13, 14,15,16
Star Headliner	84	F,PM	16
Summet	75	DM,F,PM	1,15
Super Market	85	DM,F	4,5,6,12, 16,17
Sweet Granite	79	F	8
*Sweet'N Early	75	PM	2
Tam Dew (honeydew)	90	DM,PM	13

A = Alternaria leaf spot, DM = downy mildew, F = Fusarium wilt, G = gummy stem blight, PM = powdery mildew

## CARROTS

Variety	Days to Maturity	Disease Resistance or Tolerance	Seed Source
Apache	65	ALS	15
Cellobunch	—	ALS	1
Centennial	—	ALS	1
Chancellor	—	ALS,C	1
Chantenay	—	ALS,C	1
Chantenay Andina	—	ALS,C	1
Debut	—	ALS	1
Diplomat	—	ALS	1
Discovery	62	ALS	15
Golden State	—	ALS	1
Huron	67	ALS	15
Orlando Gold	—	ALS	1
Paramount	—	ALS	1
*Red Core Chantenay	—	ALS,C	1
Seminole	66	ALS	15
Spartan Delite 80	—	ALS	1
Spartan Premium 80	57	ALS,RR	15

ALS = Alternaria leaf spot, C = Cercospora, RR = rusty root

## CAULIFLOWER

Variety	Days to Maturity	Disease Resistance or Tolerance	Seed Source
Candid Charm	70	DM	11
Cloud Nine	67	DM	15
White Contessa	60	BR,DM	16

BR = black rot, DM = downy mildew

## CUCUMBER

Variety	Days to Maturity	Disease Resistance or Tolerance	Seed Source
Amira	55	CMV,DM, PM	13,17
Armada	50	CMV,S,DM, PM,A,ANL	8
Ashley	62	DM,PM	9
*Bounty	—	CMV,S,DM, PM,ANL	1

Burpee Hyb. II	60	CMV,DM	2,11,12	Potluck	50	CMV	11,16,17
Burpee's M&M Hyb.	60	CMV,DM, PM	2	Premier	—	CMV,S,DM, PM,A,ANL	1
Burpee Pickler	53	CMV	2	Raider	62	CMV,S	7
Burpless High-female GY 200	—	DM,PM	14	Royal	52	CMV,S, DM,PM	7
*Burpless Hyb.	60	DM,PM	4,11,16	Salad Bush Hyb.	57	CMV,S,DM, PM,TLs	2,10,11,13,16
Bush Champion	55	CMV	2	*Saladin	55	BW,CMV, V,S,PM	2,5,10,11, 13,17
Bush Pickle	45	CMV,S	15	Saria	56	S,DM,PM	8
*Calypso	56	CMV,S,DM, PM,A,ANL	1,7,15,16	Salty	53	CMV,S,DM, PM	15
Carolina	—	CMV,S,DM, PM,A,ANL	1,9	Salvo (pickling)	50	CMV,S,DM, PM,A,ANL	8
Centurion	59	CMV,S,DM, PM,A,ALS	11	Score	—	CMV,S,DM, A,ANL	1
Comanche	50	DM,PM	13	Setmore 100	56	CMV,S,DM, PM,A,ANL	16
Comet A	—	CMV,S,DM, PM,A,ANL	1	Shamrock II	55	CMV,DM, PM,A,ANL	15
*County Fair (pickling)	52	CMV,S, DM,PM,A	4,9,13,15	Slice King	49	CMV,S,DM, PM,A	15
Dasher II	55	CMV,V,S,DM, PM,A,ANL	15,16	*Slicemaster	61	CMV,S,DM, PM,A,ANL	6,14,16,17
Dublin	48	CMV,S, DM,A	15	Slice Nice	67	S,DM,A	16
Earlipik Hyb.	53	CMV,S,PM	2,11	Spacemaster	60	CMV,S	2,8,15
Early Pride	55	V,PM	2	Spartan Dawn	50	CMV,S	3,6,12,15
Early Triumph	60	CMV,S,DM, PM,A,ANL	8,14	Spartan Salad	56	CMV,S,PM	12
Fancipak	—	CMV,S,DM, PM,A,ANL	1	Spear-It	52	CMV,S,DM, PM,A,ALS	15
Flurry	—	CMV,S,DM, PM,A,ANL	1	Sprint 440	52	CMV,S,DM, PM,A,ANL	1,15
*Gemini	60	CMV,S,DM, PM,A	7,13	Stokes Early Hyb.	55	CMV,S,DM, PM,A,ANL	15
High Mark II	60	CMV,S,DM	1	Straight Nine	68	DM,PM	10,12
Jazzier	48	CMV,S,DM, PM	8	Streamliner Hyb.	58	CMV	2
*Liberty (pickler)	48	CMV,S,DM, ALS	5,9,12,13,16	Supersett	52	CMV,S,DM, PM,A,ANL	8,15,16
Marketmore 70	67	CMV,S	2,4,15	Super Slice	64	CMV,S	11
*Marketmore 76	67	CMV,S,DM, PM	1,7,9,11, 12,14,15,16	Surecrop	60	CMV,DM	4
Marketmore 80	61	CMV,S,DM, PM	9,13	Suyo Long	61	PM	8
Marketsett	65	CMV,S,DM, PM,A,ANL,TLs	15	Sweet Alphee	55	S,DM,PM	8
Medalist	63	CMV,S,DM, PM	7	*Sweet Slice	62	CMV,S,DM, PM,A,ANL	2,4,5,7,13, 14,15,16,17
Monarch	—	CMV,S,DM, PM,A,ANL	1	Sweet Success	55	CMV,V,S, DM,PM,TLs	2,4,7,9,12,13, 16,17
Northern Pickling	48	S	8	Tamor	—	CMV,S,DM, PM,ANL	1
Pacer	63	CMV,S	7	Tastygreen Burpless	62	DM,PM	3,12,14
Palomar	60	DM	3	Ultraslice	56	CMV,S,DM, PM,A,ALS	15
Park's Whopper	55	CMV,S,DM, PM,A,ANL	13	Universal	60	CMV,S,DM, PM,A,ANL	16
Improved Hyb.	55	CMV,S,DM, PM,A,ANL	13	*Victory	56	CMV,S,DM, PM,A	15,17
Patio Pik	48	S,DM,PM	5,15,17	Wisconsin SMR 58	65	CMV,S	1,9,10,12, 14,15
Peppi	48	CMV,S	8,15	Zesty Hyb.(pickling)	46	S	13
Petita	60	CMV	8				
Picklebush	52	CMV,PM	2				
Pik Master	55	CMV,S, DM,PM	11,14				
Pik-Rite	53	CMV,S, PM,ALS	15				
*Pioneer Hyb. (pickling)	51	CMV,S,DM, PM,A,ANL	6,13,15				
Poinsett	65	DM,PM,A, ANL	12				
Poinsett 76	65	S,DM,PM, A,ANL	1,2,6,13,16				

A = Anthracnose, ANL = angular leaf spot, BW = bacterial wilt, CMV = cucumber mosaic virus, DM = downy mildew, PM = powdery mildew, S = scab, TLs = target leaf spot, V = other viruses

## EGGPLANT

Variety	Days to Maturity	Disease Resistance or Tolerance	Seed Source
*Black Bell Hyb.	70	TMV	12
Blacknite	61	TMV	15
*Dusky	63	TMV	15,17
Epic	64	TMV	16
French Imperial	61	TMV	15
Imperial	63	TMV	16

TMV = tobacco mosaic virus

## ONIONS

Variety	Days to Maturity	Disease Resistance or Tolerance	Seed Source
Armada	—	PR	1
*Beltsville bunching	120	PR	1,16
Crystal Wax Pickling	60	PR	13
Early White Supreme Hyb.	90	PR	13
Eskimo	85	B	16
Evergreen bunching	120	PR,S	1,16
Granex 33	162	PR	1
Long White Summer bunching	60	F,PR	15
Norstar Hyb.	80	B	16
Northern Oak	108	F,PR	15
Spartan Sleeper	110	F	15
Stokes Exporter	100	F	15
Vega	—	PR	1
Yula	105	PR	1

B = Botrytis, F = Fusarium, PR = pinkroot, S = smut

## PEAS

Variety	Days to Maturity	Disease Resistance or Tolerance	Seed Source
Alaska	55	F	6,10,12
Alderman	74	F	7,14
Bolero	69	F	1
Freezonian	63	F	2,3,5,7,12,14
*Frosty	60	F	5,7,16
Greater Progress	62	F	14,16
*Green Arrow	68	F,DM	2,6,7,8,9,12,13,15,16
Grenadier	61	PM	2
Knight	56	F,PM,PEMV, BYMV	7,8
*Lincoln	66	F	3
Maestro	61	PM,PEMV, BYMV	2,4,8,13
Mars	66	F	1
Novella II	65	F	2,8,14
Olympia	62	PM,PEMV, BYMV	5,14,15
Perfection Wilt Res.	70	F	12
Petite Pois' Giroy	65	F,V	13
Progress #9	60	F	1,2
*Sparkle	55	F	8
Thomas Laxton	65	F	4,8
Venus	62	F	1
Victory	65	F	6

## PEA PODS

Variety	Days to Maturity	Disease Resistance or Tolerance	Seed Source
Early Snap	58	BYMV	4,5,8,14
Mammoth Melting Sugar	68	F	2,7,12
*Oregon Sugar Pod	68	F,PEMV,PM	2,7,12,14
Snap pea Sugar Pop	60	PEMV	13
Snappy	63	PM	2
Snowflake	58	PM	4,8
Sugar Bon	58	PM	2,4,13,16
*Sugar Snap	70	F	2,3,4,7,8,15
*Sweet Snap	66	PM,V	3,4

BYMV = bean yellows mosaic virus, DM = downy mildew, F = Fusarium wilt, PEMV = pea enation mosaic virus, PM = powdery mildew, V = other viruses

## PEPPERS

Variety	Days to Maturity	Disease Resistance or Tolerance	Seed Source
Anaheim	73	TMV	11,13
Annabelle	78	TMV	7
*Argo Hyb.	70	TMV	6,15
*Bell Boy	70	TMV	2,4,9,12,14,16,17
Bell Captain	72	TMV	15,16
Bell Tower	64	TMV,V	8
Big Bertha	72	TMV	4,9,15,16,17
Blocky Bell Hyb.	70	TMV	13
California Wonder	75	TMV	2,16
California Wonder #300	—	TMV	1
Calwonder	72	TMV	1,7
Early Banquet	67	TMV	14
Early Canada Bell	67	TMV	15
Early Niagra Giant	65	TMV	15
Emerald Giant	74	TMV	16
Four Corners	71	TMV	15
Garden Bell	62	TMV	17
Giant Szegedi	70	TMV,V	15
Golden Summer	67	TMV	2,13
*Gypsy	60	TMV	2,4,6,7,9,14,15,16,17
Honeybelle	74	TMV	7
Jupiter	66	TMV	11,15
Keystone Res. Giant 3	75	TMV	1,3,15
Klondike Bell	72	TMV	15
*Lady Bell	72	TMV	7
*Ma Belle	70	TMV	15
Martindale	63	TMV	15
Melody	85	TMV	1
Mexi Bell	73	TMV	16
Midway	70	TMV	12,14,15
Orobelle	70	TMV,V	8
Park's Whopper Improved	71	TMV	13
Patio Bell	60	TMV	17
Pro-Bell II	72	TMV	16
Purple Bell	70	TMV	15,16
Ringer	62	TMV	8
Shamrock	71	TMV	1
Skipper	69	TMV,PVY	1
*Staddon's Select	64	TMV	8,14
Summer Sweet Hyb. #820	72	TMV,PVY	16
Super Red Pimento	70	TMV	15

Super Sweet Cherry	75	TMV	15
Valley Giant	75	TMV	11,16,17
Yolo Wonder	76	TMV	3,6,12,13,15
Yolo Wonder A	75	TMV	1
Yolo Wonder L	75	TMV	9,16

PVY = potato virus Y, TMV = tobacco mosaic virus, V = Verticillium wilt

## POTATOES

Variety	Days to Maturity	Disease Resistance or Tolerance	Seed Source
Bison	—	LB,S	4
*Kennebec	—	LB	2,4,5,6,9
*Norgold Russet	—	S	4,5
*Norland	—	S	4,5,6,9
Rhinered	—	S,V	9

LB = late blight, S = scab, V = Verticillium wilt

## RADISH

Variety	Days to Maturity	Disease Resistance or Tolerance	Seed Source
*Fancy Red	25	F,BR,RS	7
Fuego	24	F,BR,RS	15
Galahad	20	CR	15
Red King	25	F,CR	7
Red Pak	27	F,CR,RS	8
Red Prince	23	F	9,12
Saxafire	21	CR	15
*Scarlet Knight	27	F	16

BR = black root, CR = club root, F = Fusarium, RS = root scurf

## SPINACH

Variety	Days to Maturity	Disease Resistance or Tolerance	Seed Source
Bloomsdale Long Standing	42	CMV	8
Dixie Market	38	DM	4
Early Hyb. #7	35	CMV,DM	12
Gladiator	37	DM	1
High Pack	42	DM	1
Hybrid #8	—	CMV,DM	13
Indian Summer	39	CMV,DM	8
Kent	39	CMV,DM	1
*Melody	42	CMV,DM	2,7,14,15,16
Northland	40	DM	3
Olympia Hyb.	45	DM	10,15
Seven R	37	CMV,DM	1
Skookum	41	DM	16
Tyee	44	DM	2,6,7,8,15
Vienna	40	DM	13,16
Winter Bloomsdale	45	CMV	2,3,7,14

CMV = cucumber mosaic virus, DM = downy mildew (blue mold)

## SWEET CORN

Variety	Days to Maturity	Disease Resistance or Tolerance	Seed Source
Apache	80	BW,CS,MDM, NCLB,SCLB	1
Aztec	68	BW,CS,SCLB	1,14
Bellringer	79	BW,MDM	7
BiQueen (bicolor)	92	BW,NCLB, SCLB	2,14
Bunkerhill	87	MDM,NCLB, SW	15
Burpee's Honeycross	87	BW	2
Calico King	88	BW,S,SCLB	1
Calumet	82	BW,CS,SCLB	1
Capitan	84	BW,CS,MDM, NCLB,SCLB	1
Carnival	82	BW,CS	1
Comanche	72	BW,CS,NCLB, SCLB	1
Commander	86	CS,SCLB	1
Crisp N' Sweet	87	NCLB,SW	6
Dandy	86	BW,CS,MDM, NCLB,SCLB	1
Early Sunglow	63	BW	16
*Golden Beauty	68	BW	3
Golden Queen	92	NCLB	16
Great Taste	85	R	16
Guardian	79	BW,CS,MDM, NCLB,SCLB	1
*Iochief	89	BW,CS	14
Marada	80	BW,CS,MDM, NCLB,SCLB	1
Merit	80	BW,CS, MDM,SCLB	1
Mevak	76	BW,CS,SCLB	1
Silver Chief	86	BW,CS,NCLB, SCLB	1
*Silver Queen (white)	88	BW,NCLB, SCLB	3,4,8,16
Spring Calico (bicolor)	70	BW,CS,SCLB	1
Starlet	75	BW	14
Stylepak	86	BW	15
Summer Flavor #79Y	79	NCLB,SW,R	16
Summer Sweet #7200	80	NCLB,SW,A	16
Summer Sweet #7810	84	NCLB,SW,A	16
Summer Sweet bicolor #8502	85	NCLB,SW	16
Sweetie	82	R	9,16
White Knight	82	BW,CS	1
White Lightning (white)	87	MDM	15
Wintergreen	77	BW,CS,MDM, NCLB,SCLB	1

A = Anthracnose leaf spot, BW = bacterial wilt, CS = common smut, MDM = maize dwarf mosaic virus, NCLB = northern corn leaf blight, R = rust, SCLB = southern corn leaf blight, SW = Stewart's wilt

## TOMATO

Variety	Days to Maturity	Disease Resistance or Tolerance	Seed Source
Ace Hi	82	VF	11
Ace 55	80	VF	1,2
All Star	72	VF,ASC	16
Avalanche	70	F	3

Baja	—	VFN	11	*Nova	72	V	8,15
Basket Vee	70	V	15	Ole'	75	VF	7
Beefeater	60	VFN	6,15	Olympic (pink)	76	F	15
Beefmaster	80	VFN	4,7,11,12, 13,14,17	Pacesetter 490	—	VF	1
*Better Boy	72	VFN	2,3,4,6,9,10, 11,12,13,15, 16,17	Pakmor	—	VF	1
Better Bush	72	VFN	13	Park's Extra Early	55	VFNT	13
Better Girl	62	VFN	11	Park's Whopper	70	VFNT	13
Big Girl	78	VF	2	Patio	70	F	11,14,17
Big Pick	66	VFNT	4,11,13,15,17	Patio Prize	68	VFN	10,11,13,17
Big Red Champion	70	VFN	4	*Pik-Red	71	VF	7
Bigset	70	VFN	5,11,16	Pilgrim	71	VF	8
Big Seven	77	VFN	16	Pink Girl	76	VF	2,4,6,7,9,10, 11,15,16
Bitzy	52	VF	13	Pirate	76	VF,ASC	8
Bonnyvee	71	F	15	Pole King	75	VF	16
Burpee's Supersteak	80	VFN	2,9	*President	68	VFNT	5,10,11,17
Burpee VF Hyb.	72	VF	2,17	Quick Pick	60	VFNT	7,10,11,13,17
Campbell 19	75	VF	15	Quinte	70	V	15
Campbell 1327	75	VF	6,11,15,16	Ramapo	80	VF	3,7,17
Cavalier	71	VFNT	15	Red Express	74	VFN	8,13,15
*Celebrity	70	VFNT	2,5,6,7,8,9, 10,11,12,13, 15,16,17	Red Glow	72	VFN	16
Cherry Grande	58	VF	16	Red King	73	FT,ASC,EB, BER	16
Cherry Sweet	70	VFNT	11	Revolution	62	VF,ASC,GLS	16
Crimsonvee (paste)	72	VF	15	*Roma	75	VF	2,3,4,5,6,7, 11,12,13,14, 15,16,17
Duke Hyb.	75	VF,GLS,ASC	13,16	Royal Chico	80	VF	16
Earlirouge	63	V	15	*Rushmore	66	VF	6,11,12,15
*Early Cascade	68	VF,EB	4,5,6,8,12,17	Rutgers	74	VF	2,11
*Early Girl	55	V	4,9	Rutgers 39	74	VF	7
Early Pick	62	VF	2	*Small Fry (cherry)	65	VFNT	7,9,10,11,12, 13,14,15,17
Firebird	76	VFT	8	*Spring Giant	70	VF	5,10,11,12, 14,17
Flora-Dade	80	VF,GLS	1,16	*Spring Set	65	VF	7,11,12,14, 15,17
*Floramerica	75	VFNT	2,5,7,9,11,12, 13,15,16,17	Sprint	59	EB	8
Freedom	75	VF	16	*Sprinter	58	VF,ASC	16
Gator	—	VFNT,ASC	1	Square Paste	74	V	15
Genoa	70	VF	11	Stakeless	80	F,EB	4,6,16
Golden Sunray	80	F	16	Starshot	55	V	15
Gurney Girl	75	VFNT	6	Stokes Pak	67	VFNT,ASC,GLS	15
Harvestvee	75	VF,BER,CF	15	Summer Flavor	—	VF	16
Hayslip	72	VF,GLS,BER, CF	16	Sunny	—	VF,ASC,GLS	1
Heinz 1350	75	VF	2,3,5,7,11,15	Sunray (yellow)	83	F	7,12,14
Heinz 1370	75	F	15	Super Beefsteak	80	VFNT	2,9,11,16
Heinz 1439	72	VF	4,12,13,14,15	Super Bush	78	VFNT	10,11,14,17
Heinz 1765	73	VF	15	Supersonic	79	VF	7
Heinz 2653	68	VF	8	Sweet Chelsea	65	VFNT	16
He-Man	70	VF	4,10,11,17	Sweetie	70	VF	4
Hybrid 724	—	VFNT,ASC	1	Sweet Million (cherry)	65	FNTS	13
Independence	73	VFNT	16	Terrific	70	VFNT	11,12,13,17
Jackpot	68	VFNT	8,9,14,15	Toy Boy (cherry)	55	VF	12,13,17
*Jetfire	60	VF	15	Tropic	80	VFT,GLS	1,2,11
Jet Star	72	VF	7	Ultra Boy	72	VFNT	15
Jumbo	75	VF	7	Ultra Girl	56	VFNT	15
Lady Luck	78	VFT	2	Veepick (paste)	73	VF	15
Lemon Boy	72	VFNT	4,6,7,10,11, 13,15,16	Veeroma (paste)	72	VF	15
Liberty	80	VF,GLS,ASC	16	Vista	—	VFNT,ASC,GLS	1
Marglobe	80	VF	2,3,4,8,11, 12,13,16	Viva	76	VF	7
Mocross Surprise	72	F	17	Walter	79	F,GLS,CF	16
Monte Carlo	75	VFNT	5,11,15	Whirlaway	73	VF,GLS	8
Moreton	70	V	7	Wonder Boy	80	VFNT	15,17
Mountain Pride	86	VF	1,8,13,15, 16,17				
*New Yorker	64	V	2,7,14				

ASC = Alternaria stem canker, BER = blossom end rot, CF = cat face, EB = early blight, F = Fusarium wilt, GLS = gray leaf spot, N = nematode, S = Septoria leaf spot, T = tobacco mosaic virus, V = Verticillium wilt

# WATERMELON

# Seed Sources

Variety	Days to Maturity	Disease Resistance or Tolerance	Seed Source
Allsweet	104	A,F	15,16
Baby Fun	82	F	9
Blue Belle	75	F	1
Bush Baby II Hyb.	80	A,F	13
Bush Charleston Gray	90	A,F	12,13,16
Bush Jubilee	95	A,F	6,7,12,13,16
Calhoun Gray	85	F	16
Canada Supersweet	70	F	15
Carmen	86	A,F	16
Charleston Gray	85	A,F	2,3,4,6,9,12,15,16
Congo	90	A	4,6,12,16
*Crimson Sweet	85	A,F	1,2,3,4,6,7,9,12,15,16
Crimson Tide	84	A,F	11
Dixie Queen	85	F	2,4,11,17
*Family Fun	75	A,F	12,16,17
Garrisonian	90	A	4,16
Jubilant	95	A,F	16
Jubilee	95	A,F	1,3,4,9
Klechleys Sweet #6	88	F	12
Madera	80	F	1
Oasis	91	A,F	7
Prince Charles	82	F	10,16
Royal Charleston	80	A,F	9,12,16
Royal Jubilee	90	F	12,16
Royal Sweet	85	F	16
Sugar Doll	81	F	16
Sunshade	85	F	1
Sweet Baby	86	F	7,16
*Sweet Favorite	85	A,F	2,8,10,11,15,16
*Sweet Meat	73	F	5
Top Yield	82	A,F	14,16
You Sweet Thing	70	A,F	13,14

A = Anthracnose, F = Fusarium wilt

\*Varieties that have been grown in Minnesota; however, they are not necessarily the only recommended varieties.

1. Asgrow Seed Co.  
P.O. Box 8  
Mechanicsburg, PA 17055
2. W. Atlee Burpee Co.  
300 Park Ave.  
Warminster, PA 18974
3. DeGiorgi Co., Inc.  
P.O. Box 413  
Council Bluffs, IA 51502
4. Henry Field Seed & Nursery Co.  
Shenandoah, IA 51600
5. Farmer Seed & Nursery Co.  
Faribault, MN 55021
6. Gurney Seed & Nursery Co.  
Yankton, SD 57079
7. Harris Seeds  
961 Lyell Ave.  
Rochester, NY 14606
8. Johnny's Selected Seeds  
Organic Seed & Crop Research  
Albion, MA 04910
9. J.W. Jung Seed Co.  
Randolph, WI 53956
10. Earl May Seed & Nursery Co.  
208 N. Elm St.  
Shenandoah, IA 51603
11. Northrup King Co.  
1500 Jackson St. NE  
Minneapolis, MN 55413
12. L.L. Olds Seed Co.  
P.O. Box 7790  
2091 Packers Ave.  
Madison, WI 53707
13. Geo. W. Park Seed Co.  
P.O. Box 31  
Greenwood, SC 29647
14. Seedway Inc.  
Hall, NY 14463
15. Stokes Seeds Inc.  
737 Main St. Box 548  
Buffalo, NY 14240
16. Otis Twilley Seed Co.  
P.O. Box 65  
Trevose, PA 19047
17. Vaughan-Jacklin Corp.  
5300 Katrine Ave.  
Downers Grove, IL 60515

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