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### SP277-K-Disease Resistance in Recommended Vegetable Varieties for Home Gardens

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SP277-K

# -Plant Diseases-

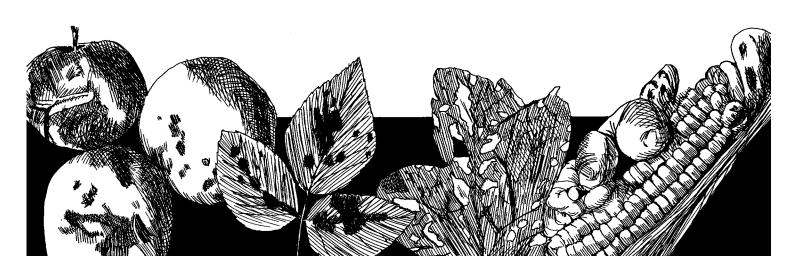
# Disease Resistance in Recommended Vegetable Varieties for Home Gardens

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Growing resistant vegetable varieties is an important method of controlling diseases. The following information is provided as a reference to disease resistance or tolerance in vegetable varieties presently recommended for the home garden. No attempt has been made to designate or evaluate levels of resistance or tolerance in the varieties listed. Varieties are designated only as having some level of tolerance or resistance.

The information provided here has been compiled from seed catalogs and from research and Extension publications. The user of this reference should seek additional information from seed companies relative to specific varieties and their level of disease tolerance or resistance.

<b>5</b> 7	<b>*</b> 7. • 4	Disease Tolerance	
Vegetable	Variety	or Resistance	
ASPARAGUS	Jersey Giant	F, R	
	Martha Washington	F	
	Mary Washington	R	
BEAN Fordhook 242		D, H	
(Bush, Lima)	Jackson Wonder	D, H	
BEAN	Blue Lake types	CBMV	
(Bush, Snap)	Greencrop	CBMV, PM	
	Provider	CBMV, PM	
	Roma II	CBMV	
	Derby	CBMV	
BEAN (Pole)	Blue Lake	CBMV	
BEET	Detroit Dark Red	DM	
	Hybrid Red Ace	H, CLS	
BROCCOLI	Green Comet	DM, H	
	Premium Crop	DM, F, H	
CABBAGE	Bravo	BR, FY	
	Gourmet	BR, FY	
	Solid Blue Brand 780	BR, BS, TB	



Vegetable	Variety	Disease Tolerance or Resistance
CANTALOUPE (MELONS)	Ambrosia Burpee Hybrid Classic Starship	DM, PM F, PM F, PM F, PM
CORN (Sweet)	Bonanza (Yellow) Golden Queen (Yellow) Incredible (Yellow) Merit (Yellow) Argent (White) Silver Queen (White)	MDMV, SW, CR NCLB, SW, CR CR, SCLB, SW BW, MDMV, SCLB, S CR, SW BW, MDMV, SW
CUCUMBER (Pickling)	Carolina Picadilly Pioneer	ALS, AN, CMV, DM, PM, Sc CMV, Sc, TLS ALS, AN, CMV, DM, PM, Sc
CUCUMBER (Slicing)	Ashley Dasher II  Liberty Hybrid Poinsett 76 Sweet Slice Victory Burpee Hybrid	ALS, DM, PM AN, ALS, CMV, DM, PM, Sc ALS, DM, PM, Sc ALS, AN, DM, PM, Sc PM ALS, AN, DM, PM, Sc
EGGPLANT	Black Bell	TMV
LETTUCE	Grand Rapids	H, TB
MUSTARD	Southern Giant Curled Tendergreen	H D, H
PEAS (Edible Pod)	Sugar Daddy Sugar Snap	PM, BLRV C
PEAS (English)	Alaska Freezonian Thomas Laxton	F C, F F
PEAS (Southern)	Mississippi Silver	CoMV, F, NRKN, SRKN
PEPPER (Bell)	Bell Boy Hybrid Big Bertha King Arthur Summer Sweet 862R Yolo Wonder	TMV TMV BLS <sub>2</sub> , TMV TMV, PVY
POTATO (Irish)	Kennebec Yukon Gold	LB, LR, MMV, RMV, SL MMV

Vegetable	Variety	Disease Tolerance or Resistance
POTATO	Beauregard	SR
(Sweet)	Centennial	F, NRKN
	Jewel	F, HC, SRKN
SPINACH	Melody Hybrid	CMV, DM
SQUASH	Gold Strike	DM
(Summer)	Zucchini Hybrid	PM
SQUASH	Delicious (Butternut)	PM
(Winter)	Table Queen (Acorn)	DM, PM
TOMATO	Better Boy	F, SRKN, V
(Red)	Big Seven	F, SRKN, V
	Celebrity	ASC, F <sub>1,2</sub> , GLS,
		SRKN, TMV, V
	Mountain Pride	ASC, F, GLS, V
	Mountain Supreme	$EB, F_{1,2}$
TOMATO	Carolinia Gold	F <sub>1.2</sub> , V
(Yellow)	Sunny	ASC, F <sub>1,2</sub> ,GLS, V
WATERMELON	Charleston Gray	AN, F
	Crimson Sweet	AN, F
	Sugar Baby	D

Codes	Head to	Docionato	Diseases and	Polated	Problems
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ALS	= Angular Leaf Spot	LB	= Late Blight
AN	= Anthracnose	LR	= Leaf Roll
ASC	= Alternaria Stem Canker	MDMV	= Maize Dwarf Mosaic Virus
BLS	= Bacterial Leaf Spot	MMV	= Mild Mosaic Virus
BLRV	= Bean Leaf Roll Virus	NCLB	= Northern Corn Leaf Blight
BR	= Black Rot	NRKN	= Northern Root Knot
BS	= Black Speck		Nematode
BW	= Bacterial Wilt	PM	= Powdery Mildew
C	= Cold Tolerance	PVY	= Potato Virus Y
CBMV	= Common Bean Mosaic Virus	R	= Rust
CLS	= Cercospora Leaf Spot	RMV	= Rugose Mosaic Virus
CoMV	= Cowpea Mosaic Virus	S	= Smut
CMV	= Cucumber Mosaic Virus	Sc	= Scab
CR	=Common Rust	SCLB	= Southern Corn Leaf Blight
D	= Drought Tolerance	SL	= Speckle Leaf
DM	= Downy Mildew	SR	= Soil Rot
EB	= Early Blight	SRKN	= Southern Root Knot
F	= Fusarium		Nematode
FY	= Fusarium Yellows	SW	= Stewart's Wilt
GLS	= Gray Leaf Spot	TB	= Tip Burn
	(Stemphylium)	TLS	= Target Leaf Spot
H	= Heat Tolerance	TMV	= Tobacco Mosaic Virus
HC	= Hard Core	V	= Verticillium