

R. C. Lambe, S. A. Tolin and R. E. Baldwin*

Vegetable varieties listed in this publication correspond to those recommended in the Virginia extension publication entitled Vegetables Recommended for Virginia, MH 480. Seed that has been produced by a commercial seed company is usually preferable to home-grown seed, because Virginia rainfall and temperature are favorable for foliar and fruit diseases resulting in seed infection by fungi, bacteria and viruses. In addition commercially produced seed is usually sold coated with seed protectant fungicide.

The information in this publication has been obtained from publications from other states, seed catalogues and research conducted in Virginia.

Definitions:

- VS = very susceptible
- MS = moderately susceptible
- R = resistant to damaging disease
- H = highly resistant and no visible symptoms develop
- M = moderately resistant, economic losses but less than susceptible
- T = tolerant, disease symptoms present but economic losses are insignificant
- = susceptible or information not available

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BLACKSBURG VIRGINIA

VEGETABLE	DISEASES	
	Rust	Fusarium Crown Rot
<u>Asparagus</u>		
Mary Washington	R	-
Beacon	-	R

*Extension Specialist, Plant Pathology, Associate Professor, Plant Pathology, Department of Plant Pathology and Physiology, VPI and SU and Plant Pathologist, Virginia Truck and Ornamentals Research Station.

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VEGETABLES

DISEASES

	Downy Mildew	Root Knot	BCMV
<u>Beans, lima</u>			
Thaxter	R ¹	-	-
Jackson Wonder	-	-	-
Forkhook 242	-	-	-

R¹ - Resistant to race A

	BCMV ¹	BCMV (NY 15)	Bean Yellow Mosaic ²	Bean Pod Mottle	Peanut Stunt	Anthraco- nose	Rust	Powdery Mildew	Root Rot
<u>Bean, snap</u>									
Contender	T	R	-	-	-	-	-	R	-
Dwarf Horticultural	-	-	-	-	R	-	-	-	-
Astro	R	R	-	-	MS	-	-	-	-
Tenderette	R	-	-	-	MS	-	-	-	-
Greencrop	-	-	-	-	MS	-	-	-	-

¹Bean common mosaic virus

²Resistant to some races

	Yellows	Club Root	Crucifer Mosaic	Black Rot
<u>Cabbage</u>				
Stonehead	R	-	-	-
Round Up	R	-	-	-
Little Rock	-	-	-	-
Guardian	-	-	-	R

R = Resistant to some races

VEGETABLE	DISEASES							
	Downy Mildew	Powdery Mildew	Alternaria Leaf Blight	Fusarium Wilt				
<u>Cantaloupe</u>								
Burpee Hybrid	-	-	-	-				
Star Trek	-	-	-	R				
Short n Sweet	-	R	-	-				
Saticoy	R	R	R	R				
	Stewarts Wilt	Smut	Maize Dwarf Mosaic	Northern Blight	Southern Corn Leaf Blight	Rust		
<u>Corn, sweet</u>								
Sundance	R	-	T	-	-	-		
Early Sunglow	-	-	-	-	-	-		
Candyman	-	-	-	-	-	-		
Illinichief	-	-	-	-	-	-		
Senaca Chief	R	-	VS	-	-	-		
Silver Queen	-	-	T	R	R	-		
Golden Queen	-	-	-	R	-	M		
	Anthracnose	Downy Mildew	Powdery Mildew	Angular Leaf Spot	Cucumber Mosaic	Scab	Alternaria	Water Melon Mosaic
<u>Cucumber, slicer</u>								
Victory	T	R	R	R	R	R	-	-
Gemini	M	R	R	M	T	R	-	-
Bush Whopper	R	-	R	R	-	-	-	-
Sweet Slice	R	R	R	R	R	-	-	-
Burpless	-	R	R	-	-	-	-	-
Liberty	T	T	T	T	R	R	-	-

VEGETABLE

DISEASES

	Fusarium Wilt	Bean Yellow Mosaic	Pea Mosaic	Pea Enation Mosaic	Downy Mildew
<u>Pea, garden</u>					
Alaska	R	-	-	-	-
Freezonia	R	-	-	-	-
Greater Progress	-	-	-	-	-
Frosty	R	R	-	-	-
Wando	-	-	-	-	-
Green Arrow	R	-	-	-	R

	Tobacco Mosaic	Tobacco Etch Virus	Potato Virus Y	Fruit Rot	Remarks
<u>Pepper</u>					
Bell Boy	R	-	-	-	Most peppers are resistant to root knot infection caused by <u>Meloidogyne javanica</u> but are susceptible to <u>Meloidogyne incognita</u>
Keystone Resist Giant	R	-	-	-	
Hungarian Was (hot)	-	-	-	-	
Red Cayenne (hot)	-	-	-	-	

	Late Blight	Wart	Scab	Leaf Roll	Yellow Dwarf	Mild Mosaic	Rugose Mosaic	Speckle Leaf	Spindle Tuber
<u>Potato, Irish</u>									
Pungo	R ¹	-	M	M	-	-	-	M	-
Superior	-	R	M	M	-	M	-	-	-
Pontaic	-	-	-	-	-	-	-	-	-
Kennebec	R ¹	-	-	M	-	M	M	M	-

R¹ = resistant to some races

VEGETABLE	DISEASES						
	Verticillium Wilt	Fusarium Wilt	Root Knot	Early Blight	Gray Leaf Spot	Tobacco Mosaic	Bacterial Wilt
<u>Tomato</u>							
Early Girl VFN	R	R	R	-	-	-	-
Redpak VF	R	R	-	-	-	-	-
Sunripe VFN	R	R	R	-	-	-	-
Better Boy VFN	R	H	H	R	R	-	-
Terrific VFN	R	R	R	-	R	-	-
	Anthracnose	Fusarium Wilt	Alternaria	Powdery Mildew	Rind Necrosis		
<u>Watermelon</u>							
Petite Sweet	R	R	-	R	-		
Sugar Bush	-	-	-	-	-		
Sweet Favorite	R	R	-	-	-		
Crimson Sweet	R	R	M	-	M		
Sweet Princess	R	M	-	-	H		