



Disease Susceptibility & Resistance of Common Apple Cultivars

Compiled by

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Cultivar	Cedar-apple Rust	Fire Blight	Powdery Mildew	Scab
Ambrosia	S	S	R	HS
Antique	-	-	-	-
Baker's Delight	-	-	-	-
Ben Davis	S	HS	S	S
Blondee	-	-	-	-
Blushing Golden	-	MS	-	-
Bonnie Best	-	-	-	-
Braeburn	S	HS	R/S	S
Cameo	S	S	R/S	S
CandyCrisp	-	-	-	-
Cortland	S	S	S/HS	HS
Crimson Crisp	MR/S	MR/S	MR/S/HS	HR
Crunch-A-Bunch	-	-	-	-
Dayton	R/MR	R/MR	R/MR	HR
Earligold	-	S	-	-
Early Harvest	-	-	-	-
Early McIntosh	R	R/MR	MR	S
Empire	R	R/MR	S	HS
Enterprise	HR/R	R/MR	R/S	HR

Ratings--HR=highly resistant R=resistant MR=moderately resistant MS=moderately susceptible S=susceptible HS=highly susceptible
Dash (-) indicates rating information not available at this time.

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EverCrisp	-	-	-	-
Florina or Querina	HS	MR	MR	R
Freedom	HR/R	MR/MS/S	R	HR
Fuji	HR/R	MR/MS/HS	R	S
Gala	R/S	HS	MS	S/HS
Ginger Gold	HS	HS	S	HS
Golden (Yellow) Delicious	S/HS	MS/S	S/HS	S
Gold Rush	R/S/HS	R/MR	R/S/HS	HR/S
Granny Smith	R	HS	HS	S/HS
Grimes Golden	R	S	MR	R
Honey Crisp	S	R/MR	S	MR
Idared	S/HS	S/HS	S	S
Jerseymac	HR	S	S	HS
Jonafree	S	R/MS/S	R	HR/R
Jonagold	R/S	HS	S	S/HS
Jonamac	R	S	S	S
Jonathan	S/HS	HS	HS	S
King David	-	-	-	-
Law Rome	-	-	-	-
Liberty	R	R/MR	R	HR
Lodi	HS	HS	R	S
Ludacrisp	-	-	-	-
Macfree	HR/S	R/MR	MR/S	HR/R
McIntosh	HR	MS/S	MR/S	HS
Melrose/Melrouge	-	S	S	S
Mollies Delicious	-	S	-	S
Mutsu (Crispin)	S	HS	S/HS	HS
Nittany	-	HS	R	-
Northern Spy	S	R/S	S	S
Nova Easygro	HR	R	-	HR/R
Nova Spy	-	-	MR	R

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Cultivar	Cedar-apple Rust	Fire Blight	Powdery Mildew	Scab
Paulared	R	HS	MR/S	R/S
Pink Lady (Cripps Pink)	-	HS	R	HS
Pixie Crunch	-	-	-	HR/R
Polly Eades	-	-	-	-
Prima	S	R/MR	R	HR
Priscilla	HR/R	HR/R/MR	R/MR	HR/R
Pristine	S	R/S	R/S	HR
Quinte	S	HR/S	S	S
Razor Russet	-	-	-	-
Red Delicious	HR	R/MR	R/MR	S
Red Fuji	-	MR	-	-
Red June	-	-	-	-
Redfield	-	-	-	-
Redfree	HR/R	S/MS	MR/S	HR
Regent	-	MS	-	-
Rome	-	HS	HS	HS
Rome Beauty	HS	HS	S	HS
Rosalee	-	-	-	-
Roxbury Russet	-	R	-	-
Ruby Jon	-	-	-	-
RubyMac	-	-	-	-
Shizuka	-	-	S	-
Sir Prize	HS	HS/S	R/MR	HR
Smoothee	S	R/MS/HS	-	S
Spartan	R	R/MR	R	MR
Starkspur Earliblaze	R	S	-	S
Stayman	S	R/MS	S/HS	HS
Summerset	-	-	-	-
Sun Fuji	-	HS	-	-
Suncrisp	-	HS	MS	MS
Sundance	HR	HR/R	HR/MR	HR

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Sundowner	-	-	-	-
Sweet Zinger	-	-		-
Tydeman's Red	HR	S/HS	R	S
Williams Pride	HR/S	R/MR	R	HR/HS
Williams Red	R	R/MR	-	S
WineCrisp	MR	HR	MR	HR/R
Winesap	S	R/MS	S/R	HS
Yellow Transplant	S	S/HS	R/MR	MR/S
York (York Imperial)	-	HS	S	S
Zestar!	-	S/MS	R	MS

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Note--Disease susceptibility/resistance can be affected by plant age, growing site, and environmental conditions (such as weather), which can result in a variation of ratings.

SOURCES OF RATING INFORMATION

- Database of Apple Diseases: Disease Susceptibility Ranking of Apples, Cornell University
<https://blogs.cornell.edu/applevarietydatabase/disease-susceptibility-of-common-apples/>
- Disease and Insect Control Program for Homegrown Fruit in Kentucky including Organic Alternatives (ID-21), University of Kentucky
<http://www2.ca.uky.edu/agcomm/pubs/id/id21/id21.pdf>
- Midwest Tree Fruit Pest Management Handbook (ID-93), University of Kentucky
<http://www2.ca.uky.edu/agcomm/pubs/id/id93/id93.htm>

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