

GRAPEVINE VARIETY CHARACTERISTIC CHART

VARIETY	Color	Primary Use	USDA Winter Hardiness	Harvest Season	Growth Habit	Vigor	**Suggested Training System	**Suggested Dist. btwn. Vines	Black Rot	Downy Mildew	Powdery Mildew	Botrytis	Sulfur Sensitivity
AMERICAN													
Alden	B	T	5	M	SU	MV	CP, TWC	6 ft.	++	+	++	++	NO
Alwood	B	T, W	5	E	T	V	TWC	8 ft	+	+	+	+	?
Beta	B	J, W	3	E	T	V	TWC	8 ft	+	+	+	+	?
Bluebell	B	J	3	M	T	V	TWC	8ft.	+	+	+	+	?
Buffalo	B	J, T	5	E	T	V	TWC	8 ft	++	++	+++	++	NO
Caco	R	T, J, W	4	L	T	V	TWC	8ft.	++	++	++	+	?
Captivator	R	J, T	5	E	T	V	TWC	6-8 ft.	+++	+++	++	+	NO
Catawba	R	W, J	4	L	T	V	TWC	6-8 ft.	+++	+++	++	+	NO
Concord	B	J, T, W	4	M	T	V	TWC	6-8 ft.	+++	+	++	+	YES
Cynthiana (Norton)	B	W	4	L	T	V	TWC	8 ft.	+	++	++	+	?
Delaware	R	W, J	4	M	T	LV	TWC	6 ft.	++	++	+++	++	NO
Edelweiss	W	J, W, T	4	E	T	V	TWC	8 ft.	+	+	++	++	?
Elvira	W	W	3	M	T	VV	TWC	8 ft.	+	++	++	+++	NO
Fredonia	B	T, J	4	E	T	MV	TWC	6-8 ft.	+	+++	++	+	NO
Golden Muscat	W	W	5	L	T	MV	TWC	6 ft.	++	++	++	+++	NO
Isabella	R	W	5	L	T	V	TWC	6-8ft.	+	+	+	+	?
King of the North	B	T, J	3	E	T	VV	TWC	8 ft.	+	+	+	+	?
Moore's Diamond	W	W	5	M	T	V	TWC	6-8 ft.	+++	+	+++	++	NO
Niagara	W	J, W	5	M	T	V	TWC	6-8 ft.	+++	+++	++	+	NO
Seneca	W	T	6	E	T	MV	TWC	6 ft.	+	+	+++	++	YES
Sheridan	B	T	4	L	T	V	TWC	8 ft.	+	+	++	+	?
Steuben	B	J, W	4	M	T	V	TWC	8 ft.	++	+	+	+	NO
Sunbelt	B	J	4	M	T	V	TWC	8 ft.	+	+	+	+	?
Swenson White	W	W	4	L	T	MV	TWC	6-8 ft.	+	++	++	+	?
Valiant	B	J, W	3	E	T	V	TWC	8 ft.	+	+++	+	++	?
Van Buren	B	T	4	E	T	V	TWC	8 ft.	++	+++	++	++	YES
Worden	B	T	4	E	T	V	TWC	8 ft.	+	+	+	+	YES

** Training system and distance between vines is dependent on site and vine vigor. This information is meant only as a guideline.

SEEDLESS													
Canadice	R	T	5	E	SU	MV	MM	6 ft.	+++	+	+	++	NO
Concord Seedless	B	T, J	4	M	T	V	TWC	6-8 ft.	++	+	++	++	YES
Einset	R	T	5	E	SU	V	MM	6-8 ft.	+++	++	+++	+	?
Glenora	B	T	6	M	U	V	MM	6-8 ft.	++	++	+++	+	?
Himrod	W	T	5	E	SU	V	MM	6-8 ft.	+++	+	++	+	NO
Interlaken	W	T	6	E	SU	MV	MM	6-8 ft.	+++	+	+++	++	NO
Jupiter	B	T	5	E	SU	MV	MM	6-8 ft.	+	++	+	+	?
Lakemont	W	T	6	E	SU	MV	MM	6-8 ft.	++	+	++	++	NO
Marquis	W	T	5	M	ST	MV	MM	6-8 ft.	++	++	++	+	?
Mars	B	T	5	M	T	V	MM	6-8 ft.	+	+	+	+	?
Neptune	W	T	5	M	SU	LV	MM	6 ft.	+	++	++	+	?
Reliance	R	T	5	E	T	MV	MM	6-8 ft.	+++	++	++	+++	?
Suffolk Red	R	T	6	M	ST	V	MM	6-8 ft.	++	+	++	++	YES
Vanessa	R	T	5	E	T	MV	MM	6-8 ft.	+++	++	++	+	?
Venus	B	T	5	E	ST	V	MM	6-8 ft.	+	++	+	+++	?
HYBRID WINE VARIETIES													
Alpenglow	R	W	4	E	SU	M	VSP, MWC	6-8 ft.	+	++	++	+	?
Aurore	W	W	5	E	T	V	TWC	6-8 ft.	+++	++	+++	+++	NO
Baco Noir	B	W	5	M	ST	VV	TWC	8 ft.	+++	+	++	+	NO
Brianna	W	W	3	M	SU	MV	MWC, VSP	6-8 ft.	++	+	+	++	NO
Cayuga White	W	W	5	M	ST	V	MWC	6-8 ft.	+	++	+	+	NO
Chambourcin	B	W	6	L	SU	MV	MWC, TWC	6 ft.	+++	++	+	++	YES
Chancellor	B	W	5	L	ST	MV	MWC	6 ft.	+	+++	+++	+	YES
Chardonel	W	W	5	L	SU	MV	MWC, VSP	6 ft.	++	++	+++	++	NO
Chelois	B	W	5	M	U	V	MWC, VSP	6 ft.	+	+	+++	+	NO
Colobel	B	W	6	M	T	V	TWC	6-8 ft.	++	+	+++	+	?
Corot Noir™	R	W	4	L	SU	MV	MWC, VSP	6-8 ft.	++	++	+	+	NO
DeChaunac	B	W	5	M	SU	V	MWC, TWC	8 ft.	+	++	+++	+	YES
Espirit	W	W	4	M	ST	V	TWC	8 ft.	+	++	+++	++	?
Frontenac	B	W	3	L	ST	VV	TWC	8 ft.	++	+	++	+	YES
Frontenac Gris	W	W	3	L	ST	VV	TWC	8 ft.	++	+	++	+	YES
GR-7	R	W	3	M	T	VV	TWC	8 ft.	+	++	++	++	NO

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HYBRID WINE VARIETIES CONTINUED													
Ives	B	W	4	L	T	V	TWC	6-8 ft.	+	+++	+	+	YES
Kay Gray	W	W, T	3	E	T	VV	TWC	8 ft.	+	+	+	+	?
LaCrescent	W	W	3	E	T	MV	TWC	6-8 ft.	++	+++	++	+	NO
La Crosse	W	W	4	E	SU	V	TWC	6-8 ft.	+++	+	++	+++	?
Landot Noir 4511	R	W	4	E	SU	MV	MWC	6 ft.	+	++	+	++	?
Leon Millot	B	W	4	E	T	MV	TWC, CP	6 ft.	+	+	++	+++	?
Louise Swenson	W	W	3	E	T	MV	TWC	6 ft.	+	++	++	+	?
Marechal Foch	B	W	4	E	ST	MV	TWC	6 ft.	++	+	++	+	YES
Marquette	R	W	3	E	SU	MV	MWC, VSP	6-8 ft.	+	+	+	+	?
Melody	W	W	5	M	ST	V	TWC	6-8 ft.	+++	++	+	+	NO
New York Muscat	B	T, W	5	E	ST	LV	MWC	6 ft.	+	+	+++	++	YES
Noiret™	R	W	4	L	SU	MV	MWC, VSP	6-8 ft.	+	++	+	+	NO
NY76.0844.24	W	W	4	M	SU	V	MWC, VSP	6-8 ft.	+	++	++	+	NO
NY81.0315.17	W	W	5	M	SU	MV	MWC, VSP	6 ft.	++	++	++	+	NO
NY95.0301.01	R	W	5	M	?	MV	TRIAL	6-8 ft.	+	+	+	+	NO
Prairie Star	W	W	3	M	SU	V	VSP, MWC	6-8 ft.	++	+	+	+	?
Ravat 34	W	W	5	M	U	MV	VSP, MWC	6 ft.	++	+	++	+	NO
Rougeon	B	W	5	M	SU	V	MWC, TWC	6-8 ft.	++	+++	+++	++	YES
Sabrevois	R	W	3	E	U	VV	MWC, VSP	6-8 ft.	+	+	+	+	?
Seyval Blanc	W	W	5	M	SU	MV	VSP, MWC	4-6 ft.	+++	++	+++	+++	NO
St. Croix	R	W	3	E	ST	VV	TWC	8 ft.	+	++	++	++	?
St. Pepin	W	W	4	E	ST	V	TWC, MWC	6-8 ft.	+	+	+++	++	?
St. Vincent	B	W	5	L	U	MV	TWC, MWC	6-8 ft.	++	++	++	++	?
Swenson Red	R	W, T	4	M	T	V	TWC, MM	6-8 ft.	+	++	+++	+	?
Traminette	W	W	5	L	SU	MV	VSP, MWC	6-8 ft.	++	++	++	++	NO
Valvin Muscat™	W	W	4	M	U	LV	VSP	6 ft.	++	+	++	+	NO
Vidal Blanc	W	W	6	L	U	V	VSP	6-8 ft.	+	++	+++	+	NO
Vignoles	W	W	5	M	U	MV	VSP	6 ft.	+	++	+++	+++	NO
Villard Blanc	W	W, T	6	L	U	V	VSP, MWC	6 ft.	++	++	+++	+	NO
Vincent	B	W	5	L	U	MV	VSP, MWC	6 ft.	++	+	++	+	?

VINIFERA

Albariño	W	W	6	L	U	L	VSP	4-6 ft.	+++	+++	+++	++	NO
Auxerrois	W	W	6	M	U	V	VSP	4-6 ft.	+++	+++	+++	++	NO
Barbera	B	W	7	L	U	V	VSP	4-6 ft.	+++	+++	+++	++	NO
Cabernet Franc	B	W	6	L	U	V	VSP	4-6 ft.	+++	+++	+++	+	NO
Cabernet Sauvignon	B	W	7	L	U	V	VSP	4-6 ft.	+++	+++	+++	+	NO
Chardonnay	W	W	7	M	U	V	VSP	4-6 ft.	++	+++	+++	+++	NO
Dornfelder	R	W	6	L	U	MV	VSP	6 ft.	+++	+++	+++	++	NO
Gewurztraminer	W	W	7	L	U	V	VSP	4-6 ft.	+++	+++	+++	++	NO
Gruener Veltliner	W	W	6	L	U	MV	VSP	4-6 ft.	+++	+++	+++	++	NO
J. Riesling	W	W	6	L	U	V	VSP	4-6 ft.	+++	+++	+++	+++	NO
Lemberger	B	W	6	M	U	V	VSP	4-6 ft.	+++	+++	+++	+	NO
Merlot	B	W	7	L	U	MV	VSP	4-6 ft.	++	+++	+++	+++	NO
Petit Manseng	W	W	6	VL	U	MV	VSP	4-6 ft.	+++	+++	+++	+	NO
Petit Syrah	B	W	6	M	U	MV	VSP	4-6 ft.	+++	+++	+++	++	NO
Pinot Gris	W	W	7	M	U	MV	VSP	4-6 ft.	+++	+++	+++	++	NO
Pinot Noir	B	W	7	M	U	MV	VSP	4-6 ft.	+++	+++	+++	+++	NO
Sangiovese	R	W	7	L	U	V	VSP	4-6 ft.	+++	+++	+++	+++	NO
Sauvignon Blanc	W	W	7	E	U	V	VSP	4-6 ft.	+++	+++	+++	+++	NO
Shiraz	B	W	7	M	U	V	VSP	4-6 ft.	+++	+++	+++	+++	NO
Tinta Cao	B	W	7	M	U	H	VSP	4-6 ft.	+++	+++	+++	++	NO
Viognier	W	W	7	L	U	M	VSP	4-6 ft.	+++	+++	+++	+++	NO
Zinfandel	B	W	7	L	U	V	VSP	4-6 ft.	+++	+++	+++	++	NO
Zweigelt	R	W	6	E	U	V	VSP	4-6 ft.	+++	+++	+++	+++	NO

KEYS:

Color B = Blue, Black
R = Red
W = White

Primary Use T = Table, Basket, Dessert
W = Wine
J = Juice, Jelly

Winter Hardiness

See Page 22 for USDA Plant Hardiness Corresponding Chart

Ratings of Disease Susceptibility:

+ = slightly susceptible or susceptible or sensitive
++ = moderately susceptible or sensitive
+++ = highly susceptible or sensitive
? = Relative susceptibility unknown

Vigor LV = Low Vigor
MV = Medium Vigor
V = Vigorous
VV = Very Vigorous

Harvest Season
E = Early Season
M = Mid Season
L = Late Season

Growth Habit T = Trailing
ST = Semi Trailing
SU = Semi Upright
U = Upright

Training System

VSP = Vertical Shoot Positioning
MWC = Mid Wire Cordon
TWC = Top Wire Cordon
CP = Cane Pruning
MM = Modified Munson

Note: Portions of this chart taken from Cornell University Publications.

** Training system and distance between vines is dependent on site and vine vigor.
This information is meant only as a guideline.