novavine

New Disease-Resistant Cultivars

Exclusive to Novavine: Mildew Resistant Varieties

From Università degli Studi di Udine and Instituo di Genomica Applicata in Udine, Italy, via our partner VCR, Novavine has exclusive North American rights to these six exciting new clones. Bred for resistance to downy mildew and powdery mildew as well as exceptional cold hardiness, these clones are excellently suited to difficult sites. Limited delivery starting in 2019.

Variety	FPS	Parentage	Downy Mildew Resistance	Powdery Mildew Resistance	Cold	Harvest	Type	Vigor	Yield
Cabernet Volos	01; 01.1	32-078 Cabernet S. x Bianca	Good	Fairly Good	to –11 ºF	MED *	R	M	MH
Fleurtai	01; 01.1	34-111 Tocai Friulano x 20-3	Excellent	Excellent	to –9 ºF	EARLY ***	W	H	M
Merlot Kanthus	01; 01.1	31-122 Merlot x 20-3	Good	Good	to –4 ºF	EARLY **	R	ML	M
Sauvignon Kretos	01; 01.1	72-026 Sauvignon x 20-3	Good	Fairly Good	to –8 ºF	EARLY ***	W	H	MH
Sauvignon Rytos	01; 01.1	55-100 Sauvignon x Bianca	Good	Excellent	to –9 ºF	MED **	W	MH	MH
Soreli	01; 01.1	31-113 Tocai Friulano x 20-3	Excellent	Excellent	to –11 ºF	EARLY ***	W	MH	MH

L – Low
ML – Medium Low
M – Medium
MH – Medium High
H – High
VH – Very High
R – Resistant
T – Tolerant
* – Mid-late Sept in Friuli
** Early sept in Friuli
*** Late Aug in Friuli

Pierce's Disease Resistant Cultivars

Novavine is propagating the new Pierce's Disease (PD) resistant cultivars from Dr. Andy Walker's UC Davis PD resistance breeding program! These long-awaited cultivars will be available in limited quantities starting in 2019.

The initial releases include three red and two white wine grape selections. All have shown strong resistance to PD in greenhouse and field trials, and have shown high fruit quality and high wine quality. These varieties were created by breeding wine grape varieties of *Vitis vinifera* with the native American species *Vitis arizonica* which carries a PD-resistance gene. Walker uses traditional breeding methods that involve the backcrossing through several generations of vine crosses to progressively increase the percentage of *V. vinifera* parentage and characteristics.

These five varieties are going through the plant patent process. They will also have new names since they are unique varieties. These varieties are well suited to locations where PD pressure is high and where Glassy-winged Sharpshooter populations are found.

Name	Type	Parentage	Timing	PD Resistance	Cluster
Camminare Noir	R	50% Petite Sirah 25% Cabernet Sauvignon *(94% V. vinifera)*	Early break Early bloom Early ripening	High	Large berries, well-filled medium clusters
Paseante Noir	R	50% Zinfandel; 25% Petit Sirah 12.5% Cabernet Sauvignon *(97% V. vinifera)*	Late bloom Mid-season ripening	High	Medium-sized berries, well-filled large clusters
Errante Noir	R	50% Sylvaner; 12.5% Cabernet Sauvignon 12.5% Carignane; 12.5% Chardonnay *(97% V. vinifera)*	Mid-season bloom Mid-season ripening	High	Med-large berries, loose clusters, high productivity
Ambulo Blanc	W	62.5% Cabernet Sauvignon 12.5% Carignane; 12.5% Chardonnay *(97% V. vinifera)*	Early bloom Early ripening	High	Small to medium berries, large clusters, high productivity
Caminante Blanc	W	62.5% Cabernet Sauvignon 12.5% Chardonnay; 12.5% Carignane *(97% V. vinifera)*	Medium-late bloom Mid-season ripening	High	Small berries, small compact clusters, medium productivity