

PD RESISTANT VARIETIES

33rd Annual Gulf Coast Winegrowers Watson Field Day

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MUSCADINES – *Muscadina rotundifolia*

Genetic research of *Vitis* x *Muscadina rotundifolia*

- ***Vitis vinifera* & *Vitis hybrids* strengths:**
 - **Grape quality for wine, fresh fruit, and raisins**
 - **Strong market**
 - **Bunch grapes are easier to work with**
- ***Muscadina rotundifolia* strengths:**
 - **Resistant to most diseases: powdery mildew, downy mildew, black rot, & grapevine leafroll-associated virus 3 (GVLRa3)**

Pierce's disease resistant 94% & 97% *Vitis vinifera*

Red Grape Varieties

Camminare Noir

50% Petite Sirah and 25% Cab Sauv

Errante Noir

**50% Sylvaner , 12.5% Cab Sauv,
12.5% Carignane, 12.5% Chardonnay**

Paseante Noir

**50% Zinfandel, 25% Petite Sirah,
25% Cab Sauv**

White Grape Varieties

Ambulo Blanc

**65% Cab Sauv, 12.5% Carignane,
12.5% Chardonnay**

Caminante Blanc

**62.5% Cab Sauv, 12.5% Chardonnay
12.5% Carignane**

***What's the Future for
Black Spanish/Lenoir & Blanc Du Bois?***

2019 Blanc Du Bois Symposium

**I GROW OR MAKE WINE FROM BLANC DU BOIS
BECAUSE OF PIERCE'S DISEASE.**

- A. YES, THAT IS MY PRIMARY REASON**
- B. YES, BUT BDB HAS WINE CHARACTERISTICS THAT
ARE MORE IMPORTANT TO ME**
- C. NO, I AM NOT INTERESTED IN BDB PRODUCTION**

Blanc Du Bois 2019

Advantages

Pierce's disease resistance

Tolerates wet feet & drought

Wine quality & versatility

Disadvantages

Marketability

Clusters can be hard to pick

**Disease Issues - Bunch Rots, Downy Mildew,
Anthracnose, Phomopsis, Leafroll Virus,
Grapevine Trunk Disease**

**Abundant laterals & dense canopy restricts light,
air, & spray penetration**

Intolerance to cold

Blanc Du Bois in 2025

Advantages

Pierce's disease resistance

Tolerates wet feet & drought

Wine quality & versatility

Strong & Growing Market

Better Pricing

Improved vineyard management

Improved grower/winemaker relationships

Increased knowledge on Blanc Du Bois wine's benefits:

- age ability**
- health benefits**