



VINEYARD & WINERY
ASSOCIATION
OF
WEST GEORGIA

Presentation by: Doug Mabry













Georgia Trustees



WINE CHALLENGE

Large Fare Southern Supper

First Course

Mousseau's Hamthropology charcuterie with Dairy's Thomasville Tomme, date mostarda and fig jam

Second Course

Mountain Trout

General





GEORGIA WINE PRODUCERS





GEORGIA

WINE PRODUCERS



Georgia Trustees
Wine Challenge
Best
Dessert Wine
2018

Tilliam Vineyard
"Prinking White"
2017
Winner, Georgia Trustees Wine Challenge



Hybrids and Heirloom Grapes Worldwide

2014 World Digital Wine Communications Conference in Switzerland

Switzerland bringing back Gouais Blanc – Mother grape of Chardonnay, Gamay and other heritage vines were found in a vineyard with 12 other old varietals about to be destroyed.

- Are high yielding.
- More drought resistant than offspring.

Chile bringing back Pais grape and other heirloom vines because more disease resistant.

Hybrids and Heirloom Grapes Worldwide – Cont.

Spain two old grapes now being brought back from edge of extinction. Money and Gonfaus. This is part of a project to revive 40 old varieties to help fight changing climate conditions.

France starting to work with 39 old varieties in a grape conservatory.

- They ripen later.
- Are more drought and disease resistant.
- Produce higher natural alcohol content wines.

Most of the old varieties we are growing are not French hybrids

“A History of Wine In America” – Thomas Pinney

Controlled hybridizing of native American varieties with European varieties went on back at least to the early nineteenth century in America. When the French imported millions and millions of American vines for rootstock during the phylloxera outbreak they referred to grapes like: LeNoir, Norton, Herbemont and others simply as American grapes or American hybrids.

After the phylloxera blight was under control in early 1900s, the French started to experiment with more complex crossings using some of the American genetics to produce new grapes like Chambourcin, Seyval, Chelois and others. When these vines were brought to the U.S.A they were called French hybrids to distinguish them from the old American hybrids.



Blanc du Bois

- American
- White berries on medium size clusters
- Fruit withstands heat and high humidity
- Resistant to Pierce's disease and downy mildew
- Susceptible to black rot and anthracnose

EMILE DUBOIS



Norton

- Norton grapes are also called Cynthiana. In form and berry, Norton and Cynthiana are virtually identical.
- This is a grape that is American in origin used principally to produce a dry red wine.
- In 1873 a Norton wine won the gold medal at the Vienna World Exposition as the best red wine in the world. This was the first world wide reorganization for a American wine.



Lomanto

- Medium to large, round.
- Black, thin skin.
- Flesh is melting and of excellent quality.
- Juice is claret red.
- Seeds are small and few.
- Cluster is conical, compact, and above medium size.
- No rot or mildew.
- Leaf is medium, with little pubescence.
- Vine is vigorous and prolific.
- Good in alkaline soils and hot climates.
- Used for juice, jelly, eating out of hand, and in the making of a unique red wine.





Thomas Volney Munson



T.V. Munson Memorial Vineyard

“Resistance is our most important, economically viable, environmentally safe, and socially acceptable disease management strategy for the long-term success of mankind.”

Chen, Copes, Miller, & Lamikanra
2001, p. 228



Bulletin 28.

September, 1895.

STATE COLLEGE OF AGRICULTURE AND MECHANIC ARTS.
GEORGIA EXPERIMENT STATION.
EXPERIMENT, GA.

GRAPE CULTURE



By HUGH N. STARNES.

☛ The Bulletins of this Station are sent free to all "persons actually engaged in farming, who make request for the same," and to all newspapers in the State. Address,

R. J. REDDING, Director,
Experiment, Ga.

ATLANTA, GA.
THE FRANKLIN PRINTING AND PUBLISHING CO.
GEO. W. HARRISON, State Printer, Manager.
1895.

LeNoir



- American
- Small to medium, bluish black berries (red juice) on loose clusters
- Vines are vigorous and productive
- Resistant to Pierce's disease and powdery mildew
- Highly susceptible to black rot and downy mildew

National Grape Registry

- *Prime Name:* Lenoir
- *Common Synonym:* Ohio, Jacques, Le Noir, Lenoir Jacquez, Black Spanish
- *All synonyms:* Alabama, Archer, Black El Paso, Black July, Black LeNoir, Black Sauvignon, Black Spanish, Blue French, Blue Grape of the South, Burgundy, Cigar Box Grape, Clarence, Devereaux, Devereux, Early Black, El Paso, Harr, Jac, Jack, Jacques, Jacques a Gros Grains, Jacquet, Jacquez, July Sherry, Le Noir, Lenoir Jacquez, Long, Ohio

Species: *Vitis bourquiniana*

Pedigree: *Vitis aestivalis*, *Vitis cinerea*, *Vitis vinifera*





Vitis Bourquiniana Species

- Bertrand
- Carminet
- Caspar
- Cunningham
- Devereaux
- Harris
- Harwood
- Herbemont
- Herbemont Seedlings
- Irvin October
- Kay Seedling
- LeNoir
- Longworth
- Ohio
- Palmetto
- Pauline
- Texas



BOURQUIN

- 1817 – Devereux (LeNoir) vines listed in grapes of New York article.
- 1832 - Sinclair & Moore of the Pratt Street Wharf in Baltimore, Maryland. List grapes for sale included LeNoir.
- 1869 – “Hardy native grape vines for sale” George Campbell Nursery, Delaware, Ohio. LeNoir
- 1898 – Comal Springs Nursery – New Braunfels, Texas. LeNoir, Herbemont.
- 1893 – Sherwood Hall Nursery Company, San Francisco, California, Resistant vines for sale...Lenoir.
- 1896 – Lenoir vines for sale by, N. Spatcier – Las Cruces, New Mexico.
- 1910 – Fresno Nursery, Fresno California
Resistant vines for sale – LeNoir

1861 – Catalogue of Native & Foreign Grape Vines
Grapes Vine Nursery of Chas . J. Uhlmann
Washington, D.C., Archer grape vines (Lenoir), Norton.

1861 – Fruitland Nurseries, August, Georgia – 600 acres
Prosper J. Berckman – Catalog has LeNoir, Norton and
Herbemont.

1883 – “The Grape Vines of the United States”

By Dr. George Engelmann

LeNoir or Jacquez or Black Spanish has been planted by the millions in southern France, not only for grafting but for the superior deep-colored wine.

1903- - Jacquez... there is not a viticulture section on the continent where it is not known either as a direct producer or as a root stock. This variety is very successful in all sections, from the Alps to the ocean.

1872 – M. H. Aquillon, who had lost all his vineyards to phylloxera, set out 150,000 cuttings of 800 different varieties from around world. After two years all had started to die except five.

Jacquez, Herbemont, Cunningham (all vitis Bourquiniana) Taylor (riparia) and York Madeira (American hybrid now extinct). Twelve years later all growing strong in spite of being in poor stoney soil.

1886 - Viticulture Congress at Montpellier School of Agriculture
Jacquez wine was given a gold medal. The wines of
the Jacquez grape are superior to that of many grafted
European vines.

1903 – French Viticulture officials thought that the Jacquez
grape was so important then, suggested using one name
internationally Jacquez LeNoir.

1883 – Bush and Son Fruit Catalogue, St. Louis, MO.
“This old almost abandoned grape seems destined to
become one of the leading varieties of both hemispheres.

1934 – Six American hybrid grapes banned from commercial production in France:

Jacquez, Herbemont, Clinton, Isabelle, Othello and Noah.

1955 – European Economic Community – banishes them from Europe.

1993 – Birth of the association “Memoire de la Vigne”



- Jacques (a/k/a LeNoir)
- Official Folklore Heirloom Grape in France

Assessment of powdery mildew resistance of grape and *Erysiphe necator* pathogenicity using a laboratory assay

J. P. PÉROS, T. H. NGUYEN, C. TROULET,
C. MICHEL-ROMITI and J. L. NOTTEGHEM²)

1) UMR DGPC and 2) UMR BGPI, INRA, Montpellier, France

Powdery mildew resistance of grape and Erysiphe necator pathogenicity

Percentage of infection and mean colony diameter for 7 grapevine cultivars inoculated with *Erysiphe necator*

Cultivar	Replicate 1		Replicate 2		Replicate 3	
	% I ^x	D (mm) ^y	% I	D (mm)	% I	D
Cinsault	100a	13.4a	100a	12.8a	100a	14.5a
Carignan	100a	13.1a	100a	12.7a	98a	12.1ab
Cabernet-Sauvignon	97ab	11.9a	98a	13.8a	82b	13.7ab
Grenache	93b	12.0a	68c	11.2a	77b	11.6bc
Villard blanc	88b	11.6a	89b	11.5a	42c	6.1d
Villard noir	58c	10.9a	40d	7.4b	28d	9.3c
Jacquez	0	-	0	-	0	-

Brazil – 2010 Agriculture Census – Grape varieties

Jacquez – 5,405 acres

Herbemont – 1,833 acres

Australia

- Two Tale Wines – Nana Glen, New South Wales
Has Jacquez grape – Call their fortified wine LeNoir
- Mill Ridge Estate – South Wales – Jacquez grapes
- Riversands wines – St. George, Queensland list Jacquez grape.

In Australia, South Africa and Jacquez sometimes called Troya.



- Numerous studies have shown that hybrid grapes often have qualitatively and quantitatively higher polyphenolic contents than common *Vitis vinifera* grapes varieties.
- The Norton grape contained significantly higher total phenolic anthocyanin and flavonoid content than the Cabernet Franc grape.
- ...flavonoids are the main candidates considered to have biological properties, including but not limited to antioxidant, anti-inflammatory, anti-cancer, antimicrobial, antiviral, cardio protective neuroprotective and hepatitis protective activities.

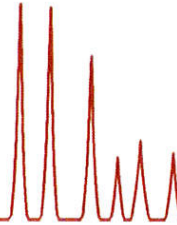
- Flavonoids of black grape varieties grown in South Africa.
...the black vinifria grapes on average had 8 flavonoid components compared to the Jacquez grapes that had 14.
- ...these findings suggest a potential beneficial use of JWE (Jacquez wine extract) in the treatment of diarrheal diseases.
- ...extract of Jacquez (*Vitis aestivalis* – *cenerea* x *Vitis vinifera*) grape is a natural treatment for osteoarthritis.
- In all in vitro tests employed, the JW-E proved to possess strong antioxidant/free radical – scavenging effectiveness.



Component: Vitis Biocomplex

Action: Obtained from Jacquez grape must, a particular cultivation with a high content of healthy active compounds. The active substances contained in Vitis Biocomplex include polyphonic antioxidants, which are the main active biophenols present in red wine

Effect: Protects the skin against the damaging effects of UV rays and contamination that damages the skin Antioxidant and protects the skin



Vineyard and Winery Assoc of West GA
Attn: Doug Mabry
7133
Green Leaf Ct
Villa Rica, GA USA 30182

Samples Received
1 June 2017 11:27 am

Analysis Reported
7 June 2017 8:25 am

Analyte	Result	Analysis Date	Method Reference
706010190	2013 Little Vine Vineyards Georgia LeNoir 750mL		
phenolic antioxidants (HPLC)			
catechin	2 mg/L	6/7/17	
tannin	912 mg/L	6/7/17	
resveratrol (cis + trans)	1.2 mg/L	6/7/17	
quercetin glycosides	19 mg/L	6/7/17	
quercetin	6 mg/L	6/7/17	

The results in this report relate only to samples as submitted.

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Gordon Burns
Technical Director



CODE 181012

COG

Directions: As a dietary supplement, take one capsule daily.

Supplement Facts

Serving Size One Capsule

Amount Per Serving

Grape Seed Extract (<i>Vitis vinifera</i>)	300 mg*
(95% Polyphenols = 285 mg)	

* Daily Value not established.

Other Ingredients: Dicalcium Phosphate, Vegetable Cellulose Capsule, Cellulose.

WARNING: Consult your physician prior to using this product if you are pregnant, nursing, taking medication, or have a medical condition. Discontinue use two weeks prior to surgery.

Potency verified by GNC procedure #5342. Conforms to USP <2091> for weight. Meets USP <2040> disintegration.

No Sugar, No Artificial Colors, No Artificial Flavors, Sodium Free, No Wheat, No Gluten, No Soy, No Dairy, Yeast Free.

*This statement has not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.

Lot No./Best By:

6348KP1810 05/18

CODE 180730

BPG

Directions: As a dietary supplement, take one capsule daily.

Supplement Facts

Serving Size One Capsule

Amount Per Serving

Grape Seed Extract (<i>Vitis vinifera</i>)	500 mg*
(95% Polyphenols = 475 mg)	

* Daily Value not established.

Other Ingredients: Vegetable Cellulose Capsule, Cellulose.

WARNING: Consult your physician prior to using this product if you are pregnant, nursing, taking medication, or have a medical condition. Discontinue use two weeks prior to surgery.

Potency verified by GNC procedure #5342. Conforms to USP <2091> for weight. Meets USP <2040> disintegration.

No Sugar, No Artificial Colors, No Artificial Flavors, Sodium Free, No Wheat, No Gluten, No Corn, No Soy, No Dairy, Yeast Free.

*This statement has not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.

Lot No./Best By:

6348KP1807 05/18

*This statement has not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.

Earn Points. Get Rewards.

33⁹⁹

GRAPE SEED 300

181012

Earn Points. Get Rewards.

36⁴⁹

GRAPE SEED 500

60CP
00048107132200

180730
12/28/2017

Wine Blogs

- Varieties of *Vitis aestivalis*, such as LeNoir, Norton and others, are gaining favor among wine enthusiasts who are looking for new tastes and locally sourced American products.
- LeNoir – This old grape is becoming new again as wine enthusiasts seek out new varieties and flavors and as winemakers are improving techniques with this distinctive and potentially rewarding variety.



VOX VINEYARDS

Outstanding Wines From Rare American Heritage Grapes

Culinary or Food Tourism

- Food and Drink Tourism is becoming a regional culture heritage item emphasizing local and heirloom products.
- In your marketing always use hot button words such as: Local, craft, rare, artisan, handcrafted, unique, sustainable.

Planning a Day Trip for: Gold Panning, Zip-line Tours, Museum Visits and Wine Tasting?

Head West instead of North and spend more time on your DAY and less time on your TRIP.

Come to Carroll County, Just 35 miles west of the Atlanta City Limits out I-20 and visit:

- The Pine Mountain Gold Museum, Villa Rica
- Historic Banning Mills Paper Mill Museum and World class Zip-Line Tours, Whitesburg
- Little Vine Vineyards and Winery, Villa Rica
- Uncorked on Main, Villa Rica
- Southeastern Quilt and Textile Museum, Carrollton

HEAD WEST FOR - *Dipping, Zipping, Stitching and Sipping*



Pine Mountain Gold Museum



Historic Banning Mills



Southeastern Quilt and Textile Museum



1. Little Vine Vineyard and Winery
2. Uncorked on Main

Le Noir 2013

Savannah Heritage Wine

American Hybrid Grapes

- **Hardy** vines
- **Healthy** wines
- **Heirloom** grapevine stories

What is the end game?

Options for growers

- Start your own winery
- Sell grapes to an existing winery
- Have grapes custom crushed and bottled (Still have to have your own retail outlet)
- Co-op winery

8098

Prospectus



— TRADE MARK. —

A Co-Operative Fruit Raising and Fruit Shipping Association.
The Pioneer Winery of the South.
Vina Vista, Coweta County, Ga.



Heritage Vines

~

Local Crafted American

Wines



GEORGIA
WINE PRODUCERS