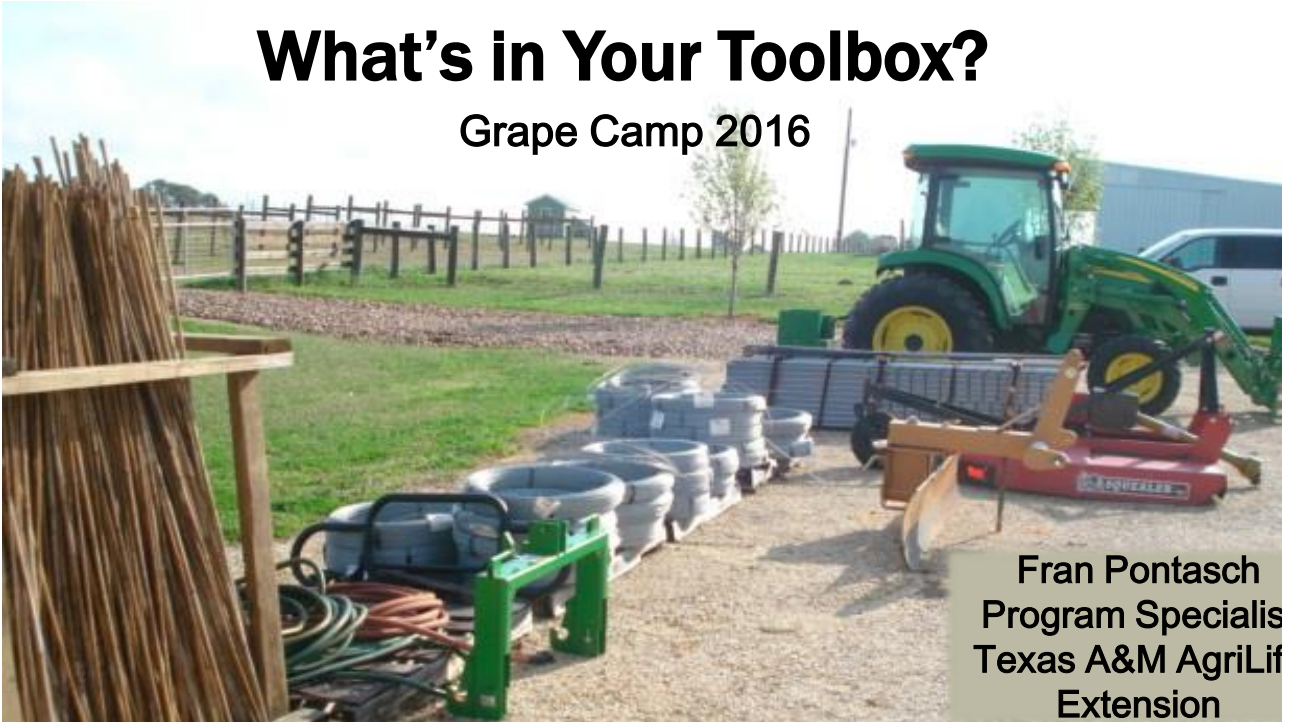


# What's in Your Toolbox?

Grape Camp 2016

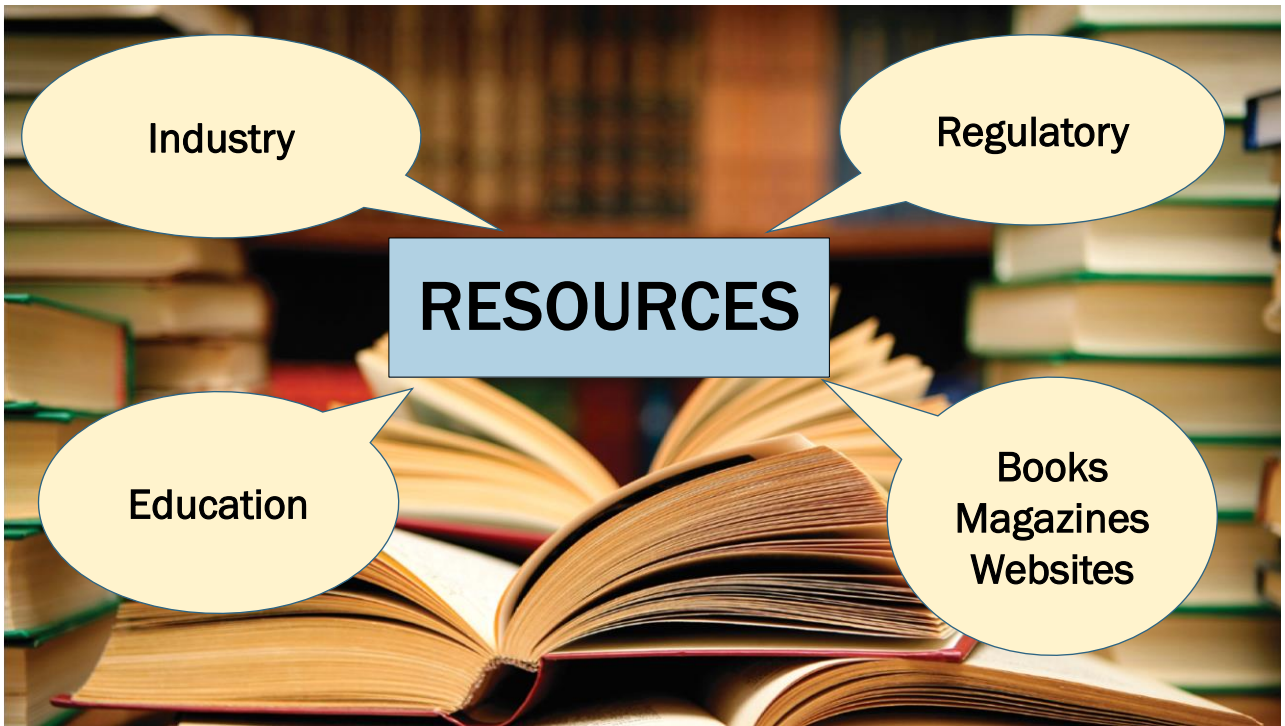


Fran Pontasch  
Program Specialist  
Texas A&M AgriLife  
Extension

**"You'll never know everything  
about anything, especially  
something you love."  
Julia Child**

***...but it helps to know where to look***

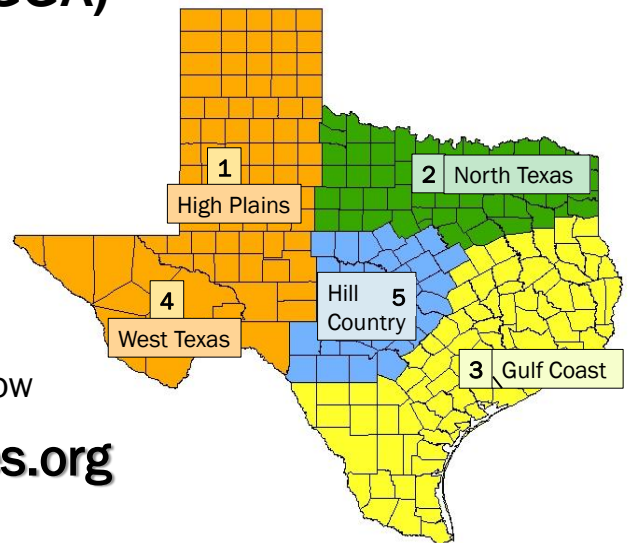




## **Texas Wine & Grape Growers Association (TWGGA)**

- Grape Camp
- Legislative Advocate
- Promotional Activities
- Networking Opportunities
- Annual Conference & Trade Show

**txwines.org**



# American Society of Enology & Viticulture



AMERICAN SOCIETY FOR  
ENOLOGY AND VITICULTURE  
*Since 1950*

Unified Wine & Grape Symposium  
National conferences  
Western Section / Eastern Section  
American Journal of Enology & Viticulture



**asev.org**



## Texas Department of Agriculture (TDA)

- Grants & Loans
  - Young Farmer Loan
  - Agricultural Loan Guarantee Program
- Downtown Revitalization
- Rural Business Development
- Wine Marketing – Go TEXAN, 75% Texas grapes
- Pesticide Regulations

## Regulatory Considerations

**WATER  
WINE  
FRIENDS  
FOES**



**Texas Commission on  
Environmental Quality (TCEQ)**

[Tceq.texas.gov](http://Tceq.texas.gov)

Regulates  
&  
Protects



## Regulatory Agencies

### Texas Alcoholic Beverage Commission

[tabc.state.tx.us](http://tabc.state.tx.us)



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### Texas Comptroller

[tabc.state.tx.us](http://tabc.state.tx.us)

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### Alcohol & Tobacco Tax and Trade Bureau (TTB)

US Dept. of Treasury

[ttb.gov](http://ttb.gov)

## Texas Agritourism Act, 2015

**REQUIRED SIGNAGE for events (harvest, planting, picnics, etc)**

**WARNING:** Under Texas law (Chapter 75A, Civil Practice and Remedies Code), an agritourism entity is not liable for any injury to or death of an agritourism participant resulting from an agritourism activity.



# Pesticide Use

Texasagriculture.gov



## Texas Department of Agriculture (TDA)

- Regulates pesticide use
- Testing
- Issues licenses



## Texas A&M AgriLife Extension

- Pesticide training
- Continuing education for CEUs

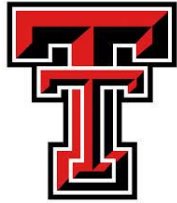
## Types of Pesticide Licenses

- Private - Owner, employee, appointed pesticide manager of private land (private vineyard)
- Commercial - Pesticide applicator for hire
- Non-commercial - License required, but does not apply pesticides (hospitals)
- Non-commercial/Political - Pesticide applicator employed by the state or federal agency (schools, highway department)

### **The label is the law**

**- Upon purchase, the user agrees to apply pesticide as directed on the label.**

## Educational Programs for the Texas Wine Industry



## Viticulture & Enology at TAMU

### Horticulture Department

Horticulture, certificate in Enology

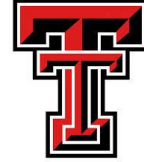
Horticulture, minor in Recreation, Parks & Tourism

Texas A&M AgriLife Extension Service



[Hortsciences.tamu.edu](http://Hortsciences.tamu.edu)

## Viticulture & Enology at TTech



### Undergraduate

Horticultural & Turfgrass Sciences - specialization in Viticulture and Enology.

Marketing - courses in Wine Marketing and Hospitality

Certificate Program in Winemaking & Viticulture

**Grapesandwine@ttech.edu**

## Viticulture & Enology at Grayson College



Associate of Applied Science in Viticulture & Enology

Certificate in Viticulture

Certificate in Enology

Non-credit courses

**texasviticultureenology.com**



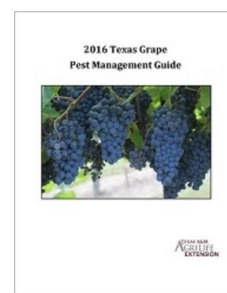


Workshops  
Field Days  
Tailgate Meetings  
Applied Research



EXTENDING KNOWLEDGE  
*Providing Solutions*

- Research based education
- Extension Publications & Factsheets
- Winegrapes.tamu.edu
- Facebook - Texas Viticulture



**Pest Management Guide**  
***Need vs. Schedule***



## High Plains and West Texas

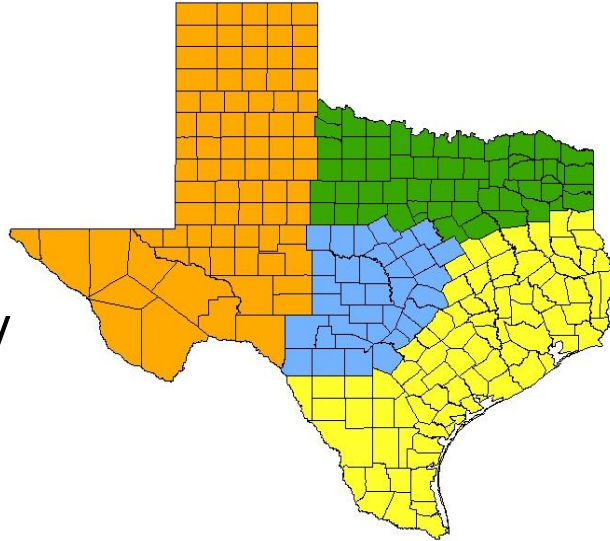
Ed Hellman

Pierre Helwi

## Hill Country

Jim Kamas

Andrew Labay



## North Texas

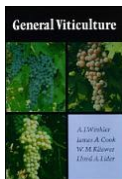
## Gulf Coast

Justin Scheiner

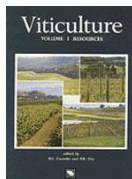
Michael Cook

Fran Pontasch

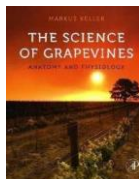
## Books



**General  
Viticulture**



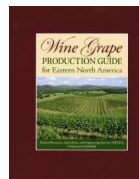
**Viticulture  
Volume 1 & 2**



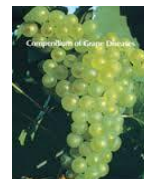
**The Science  
of Grapevines**



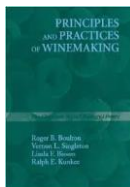
**Effective  
Vineyard  
Spraying**



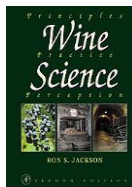
**Winegrape  
Production Guide**



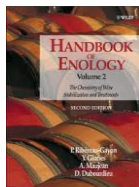
**Compendium of  
Grape Diseases**



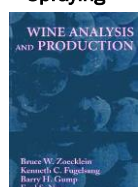
**Principles and  
Practices of  
Winemaking**



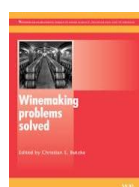
**Wine  
Science**



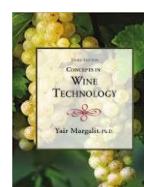
**Handbook of  
Enology  
Volume 1 & 2**



**Wine Analysis  
and Production**



**Winemaking  
Problems Solved**



**Concepts in Wine  
Technology**

## Trade Magazines



The Grapevine

Wines &amp; Vines

Vineyard & Winery  
ManagementWine Business  
Monthly

American Vineyard

## WEBSITES

[ngr.ucdavis.edu](http://ngr.ucdavis.edu)

[fps.ucdavis.edu](http://fps.ucdavis.edu)

[websoilsurvey.nrcs.usda.gov](http://websoilsurvey.nrcs.usda.gov)

[soiltesting.tamu.edu](http://soiltesting.tamu.edu)

[pd.tamu.edu](http://pd.tamu.edu)

[texaset.tamu.edu](http://texaset.tamu.edu)

National Grape Registry

Foundation Plant Service

NRCS Soil Survey

Tx A&M Ext Soil & Water Testing Lab

Texas Pierce's Disease Education

Irrigation Scheduling



TEXAS A&M  
**AGRI**LIFE  
EXTENSION

**THANK YOU!**

**Fran Pontasch**  
**fmpontasch@tamu.ed**  
**u**

*Like us at* **Texas Viticulture**

