

How to Make the Most out of the Mini-Computer in your Pocket

Dr. Jodi Creasap Gee

Kent State Ashtabula

Smartphones, Tablets, Applications, Software: Considerations

- **Most cost effective management strategy?**
 - Whatever you'll use consistently
- **Play around with your phone to find apps that work for your needs.**
- **Google Earth or Google Maps = FREE**
- **Google Drive = FREE**
- **Soil Web = FREE**
- **Yara CheckIT = FREE**

Vineyard and Winery Management/Organization Considerations

Winery Record Keeping Choices

- **Roll Your Own Database:** Spend untold thousands of hours building a database with all the bells and whistles that you've already created in your model spreadsheet.
- **Hire a Programmer:** Spend tens of thousands of dollars hiring a programmer to mimic the functionality you've already created on your spreadsheet.
- **Purchase a Custom Database:** Spend tens of thousands of dollars buying a winemaker's database solution, customized to your specific needs.
- **License a Package Designed for Winemakers:** Use a solution specifically designed and built to wine industry standards, securely

Smartphones and Tablets



- Nearly everyone has one or the other – or both!

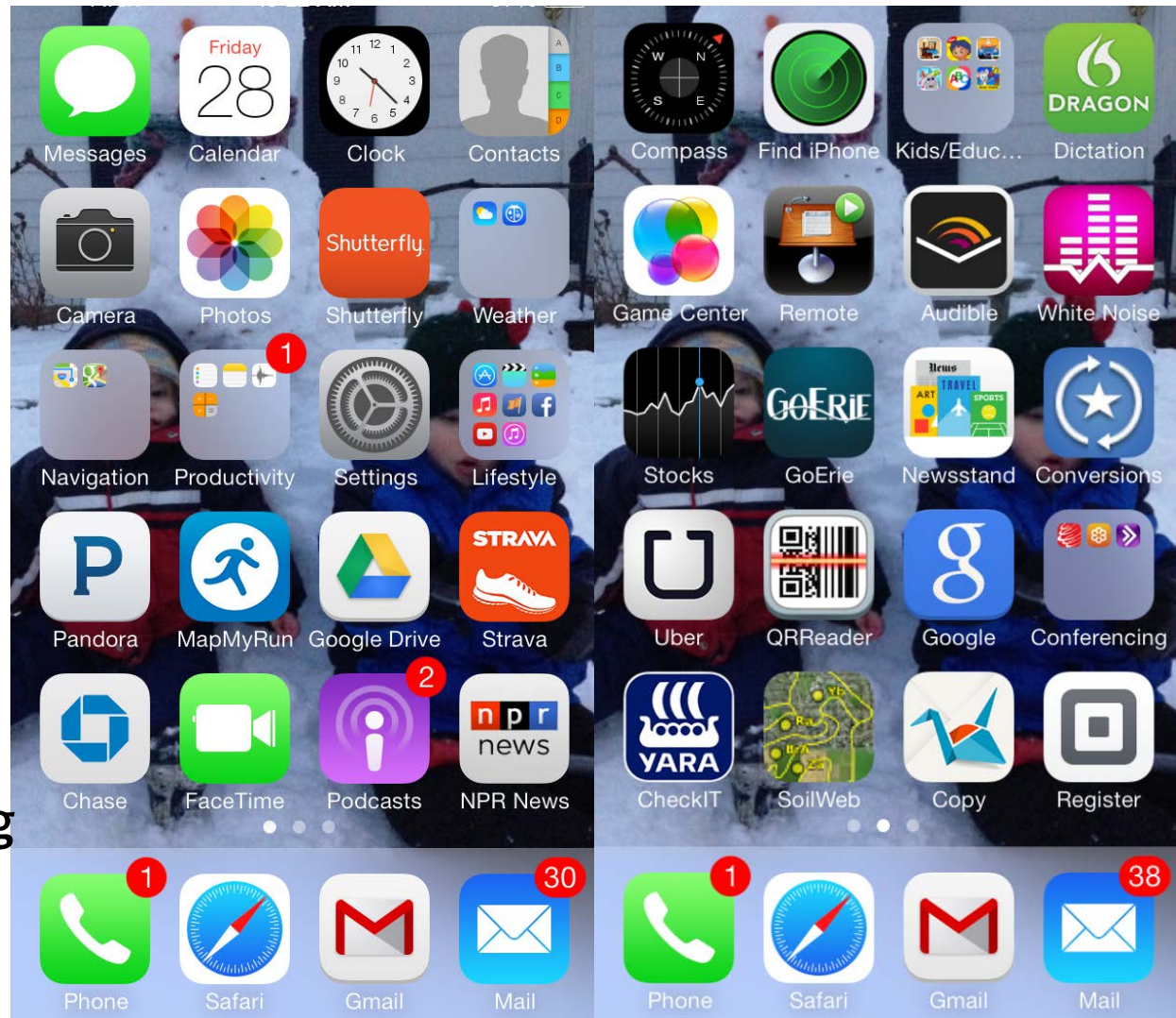
Smartphones and Tablets

- Next step – get a durable tablet or smartphone case/cover!



Smartphones and Tablets


- Apps for:
 - Email
 - Weather
 - Facebook
 - Twitter
 - Snapchat
 - Camera/Picture Management
 - NPR Streaming
 - Exercise Tracking
 - etc. etc. etc.



Smartphones and Tablets


- Agriculture Apps:
 - They're out there – you just have to look!
 - Some want to sell you something, but others are free. Read the fine print!

7 Results ×




Tank Mix Calculator
 TapLogic, LLC + FREE

Back TankMix



TANK MIX
CALCULATOR

[New Job](#)
[My Chemical List](#)
[History](#)
[Contact Us](#)



SoilWeb for the iPhone
 CA Soil Resour... OPEN
 ★★★★★ (35)

Carrier 10:11 PM

Save **SoilWeb for iPhone**

GPS Accuracy Threshold (m)


10 | 250 | 500 | 750 | 1000
 | | | | |
 outside | outside | indoors or | I feel
 clear | covered | dense canopy | lucky

SoilWeb is developed and maintained by Dylan E. Beaudette and Anthony T. O'Geen of the Soil Resource Laboratory, Dept. LAWR, UC Davis. Data are provided for educational purposes only, and should not be used for final land-use decisions.

For more information on SoilWeb, please see:
<http://soilweb.ucdavis.edu/>

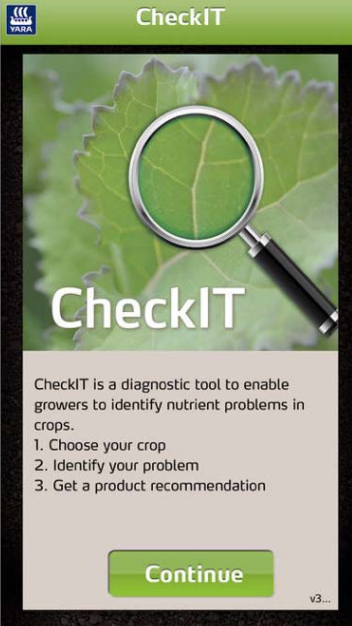
Soil Survey (SSURGO) data was collected from the NRCS Soil-Data Mart. [[http://data.nrcs.usd.gov/soil-data-mart/](http://data.nrcs.usda.gov/soil-data-mart/)]

California Soil Resource Lab
 Department of **LAND, AIR AND WATER RESOURCES**
 University of California, Davis
 Climate Change • Sustainable Agriculture
 Environmental Quality • Landscape Processes



Yara CheckIT
 Yara International + OPEN

CheckIT



CheckIT

CheckIT is a diagnostic tool to enable growers to identify nutrient problems in crops.

1. Choose your crop
2. Identify your problem
3. Get a product recommendation

Continue

v3...

Vineyard Management Software Searching the Googles...



Vineyard Management Software



Web

Shopping

Images

News

Videos

More ▾

Search tools

[VitSmarter | Vineyard Management Software | Easy Wine Grape ...](#)

www.vitsmarter.com/ About 1,210,000 results (0.50 seconds)

[Product Review: Vineyard Management Software - WineBusiness.com](#)

www.winebusiness.com/wbm/?go=getArticle&dataId=43865

[Vineyard Management Support Software - WineBusiness.com](#)

www.winebusiness.com/content/file/wbm_July11_VineyardSoftware.pdf

[Vineyard Management Software - WineBusiness.com](#)

www.winebusiness.com/content/File/wbm_0706_vineyard_software.pdf

[Premiere Viticultural Services](#)

www.premierevit.com/

[Wine Management Systems Solutions: WMS Modules](#)

winmanagementsystems.com/solutions/

[Vinsight | Winery Software | Vinsight Software | Winery Management ...](#)

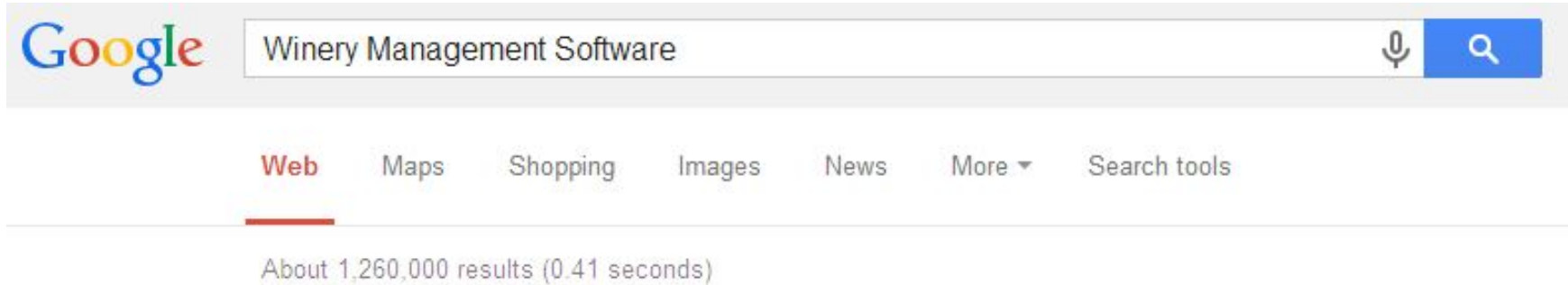
www.vinsight.net/products

[Grow Smarter | Vineyard Management Software & Solutions | by ...](#)

www.grow-smarter.com/

Fees:
Some apps/software packages are free or offer free trials; others require a fee – monthly, annual, one-time (rare). Still others require new users to get a quote.

Winery Management Software Searching the Googles...



***Disclaimer:**

The following slides only show a few of the software programs easily found online and what they cover. KSUA and the KSUA/VESTA Viticulture and Enology Program do not recommend any software or application over another. We DO recommend, however, that each business thoroughly research each program to ascertain which may be most useful, convenient, consistent, and affordable for their operations.

****Remember – go with the organization strategy that you'll stick with! Consistency in record keeping is key, especially if you want to try any experiments in the vineyard or the winery!**

Vineyard Management Software

Fairport Farm Software

- **Grape Forecaster:**
 - Sample and forecast yields over multiple vineyards
 - Generate sample sites
 - Enter data and adjust sampling to meet accuracy targets in the vineyard
 - Keep all data in one database and manage it easily
 - Produce forecasts using a large range of scientifically-proven methods
 - Store your historical data and use it to continually improve your forecasting
 - Produce professional quality reports and graphs
 - Import and Export data in spreadsheet format
- **Mobile Data Entry**

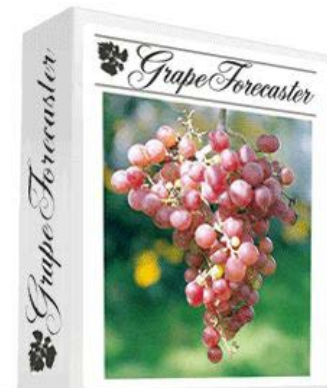


You are here: [Home](#) ▶ [Products](#) ▶ [Grape Forecaster](#)

— Grape Forecaster —



Grape growers have just got even smarter



Finally, scientifically based grape yield Use Grape Forecaster to set up sample sites. Collect data in the vineyard using hand-held devices or...

Print out a data collection sheet and enter your data.

Grape Forecaster is a joint venture project of Wine Research Development Corp and proven by Australia's major wineries. Now available to grape growers worldwide.

Grape Forecaster's features enable

- Sample and forecast over multiple vineyards
- Generate your sample sites without field visits
- Enter your data and adjust the sampling strategy
- Keep all your data in one database and manage it easily

Vineyard Management Software/App

iCropTrak

- FREE Smartphone App:
- 4 package options
 - Soil
 - Soil + Scouting
 - Advanced (includes GDD calculator, weather info, farming planning)

- Complete (includes work orders, timesheets, chemical applications)
- Pay for access
 - \$400 - \$1,200

<http://icroptrak.com/index.html>



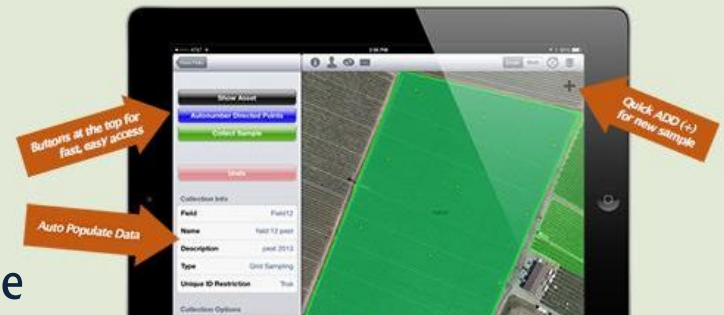
HOME iCROPTRAK INFO FEATURES/PRICING DEMO NEWS ABOUT US



Vineyard Management Software/App

iCropTrak

- FREE Smartphone App:
- 4 package options
 - Soil
 - Soil + Scouting
 - Advanced (includes GDD calculator, weather info, farming planning)
 - Complete (includes work orders, timesheets, chemical applications)
- Pay for access
 - \$400 - \$1,200



Soil Sampling Assistance

Vineyard Management Software

Vitsmarter

- Vineyard management software
- FREE

vitsmarter

Home | Tour | Pricing | Benefits | Support Center

Smarter Vineyard Management Software

The free, online, and easiest way to manage wine growing!

Easy to set up and use.

VitSmarter is a vineyard management software that provides winegrowers the technology to emulate your vineyards, blocks, work orders and more from the real world to a virtual world.

Improve grape quality.

VitSmarter helps you increase quality. Additional benefits include greater uniformity, cost savings, and better operations.

Less office. More vineyards.

VitSmarter takes a fresh, simple approach to vineyard management. Our tools help you spend more time where it matters; in the field with your grapes.

Register Now!

- Get started in three easy steps
- Simple, faster, better software
- Have a say in what we build next

Register Now!

Top things you'll love

- All your critical information is in one place
- The system reflects your practices and terminology
- You can improve operations, communication, and cost-management
- Your information is safe, secure and password-protected
- It's free... gotta love that!

Sign In

Username:

Password: [forgot password](#)

Sign In Remember me

Home

Vineyards

Work Orders

SET UP

Support Center

Feedback

Quick links

Wizard

[Create Work Order](#)[Find Work Orders](#)[Add Vineyard](#)[Download User Guide](#)

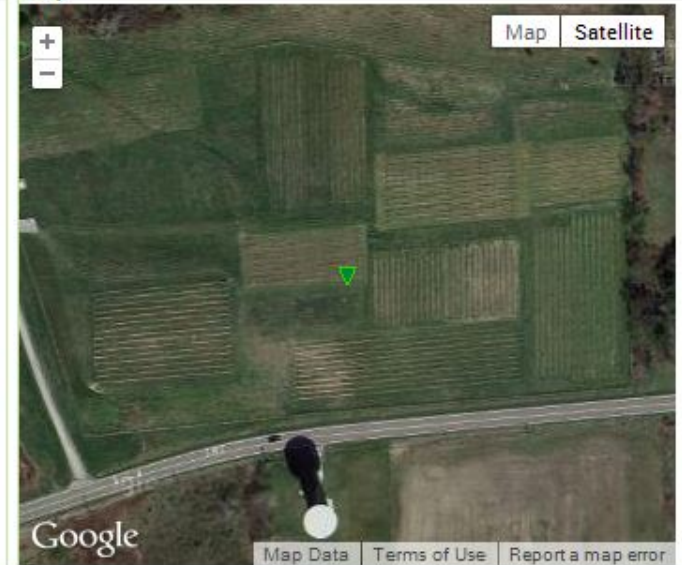
AARS Campus



Vineyard Detail

Acres: 5.0**Location Address:** 2625 South Ridge East, Kingsville, OH**Map Address:** 2625 South Ridge East, Kingsville, OH[Edit](#)

Map



Blocks

[Add Block](#)

Name	Variety	Year Planted
Block A		
Block B		
Block C		

Vineyard Webcam - Mogulus channel name

Please Edit your vineyard to set up a camera

Work Orders

Show entriesSearch:

#	ACTIVITY	DATE DUE	NOTES	TEAM	ASSIGNED TO	STATUS(%)
1	Pruning	04/07/2014	Minimal Pruning			0

Showing 1 to 1 of 1 entries

◀ Previous Next ▶

Signed in as Jodi (Sign Out)

Home Vineyards Work Orders SET UP Support Center Feedback

Quick links: Wizard, Create Work Order, Find Work Orders, Add Vineyard, Download User Guide

Work Orders

Show 10 entries Search:

#	ACTIVITY	DATE DUE	NOTES	TEAM	ASSIGNED TO	STATUS(%)
1	Pruning	04/07/2014	Minimal Pruning			0

Showing 1 to 1 of 1 entries Previous Next

Show more

Map of Vineyards

Map Satellite

Google Imagery ©2014 Terms of Use

Vineyard
 Block
 Vineyard with Work Orders
 Block with Work Orders

Vineyard Management Software



Mobile website works well!
(But you may need glasses.)

Really; it's free!

FEATURES	BASIC	PLUS
Fee per User	NONE	TBD
Vineyards	Unlimited	New and Improved functionality coming soon!
Users	Unlimited	
Peace of Mind Security / Backups	Daily & Weekly	
Vineyard & Block Data	Yes	
Work Orders	Yes	
<i>Personalized Vineyard Data, Work Activities, and Crews</i>	Yes	
<i>Integration with Google Maps</i>	FREE	
<i>Viticulture Wiki</i>	Yes	
<i>Online Feedback</i>	Yes	
<i>User support documentation: Set Up Worksheet, Quick Start Guide, and Detailed User Guide.</i>	Yes	

How do you make money?

First off, our costs are quite manageable, so we don't need to jack up the prices. We support our development costs through advertising, which hopefully is giving you some helpful information. Our best reward is more users; if you like it, please tell a friend!

Do you plan to charge a fee?

No. We all benefit from having more users who want to help us build a better application. Really help us, help you!

Where can we review your terms of service and privacy policies?

<http://www.vitsmarter.com/>

Vineyard Management Software

- Premiere Vision[©] Vineyard Software
- Not free

Contact Us | Site Map

existing customers
login here

premiere our software about us free tools

PremiereVision[©]
Vineyard
Software

"PremiereVision software is great...just what we need to make great wine."
Bruce Cakebread
Cakebread Cellars
[Cakebread Case Study](#)

Better Grapes = Better Wine = Better Returns

Growing grapes in today's climate is increasingly complex and challenging. With so much information out there - who should you trust? We can help you produce consistent and cost-effective high quality winegrapes by:

- Using state-of-the-art viticultural techniques and materials to address issues such as

Software Options:

- PremiereData
- PremiereDecision
- PremiereVision

Vineyard Consulting Services
We also offer personalized, hourly consultation with our team of Viticultural Consultants. [More Info](#)

Premiere DATA

Client Acres	Set-up Fee	Annual Service Fee per Acre
20	\$400	\$60
40	\$600	\$48
100	\$800	\$36
200	\$1,200	\$24
400	\$1,500	\$12
800	\$1,800	\$9
1600	\$2,000	\$6

Estimated hours of training (\$75 per hour) range from 4-16 depending on acreage.

Premiere DECISION

Client Acres	Set-up Fee	Annual Service Fee per Acre
20	\$400	\$120
40	\$600	\$84
100	\$800	\$54
200	\$1,200	\$36
400	\$1,500	\$24
800	\$1,800	\$18
1600	\$2,000	\$12

Estimated hours of training (\$75 per hour) range from 6-24 depending on acreage.

Premiere VISION

Client Acres	Set-up Fee	Annual Service Fee per Acre
20	\$400	\$168
40	\$600	\$108
100	\$800	\$72
200	\$1,200	\$48
400	\$1,500	\$36
800	\$1,800	\$27

Vineyard Management Software – Pricing



PremiereVision Vineyard Software helps ensure that each step you take is a step towards higher quality. From the soil and the vines to the harvest and the finished wine: each step matters. And the next year, you wouldn't have to start again at the bottom of the staircase - you want to build on the advantage of your hard work, and the lessons you have learned, to move forward from where you stopped last year. We give growers and consultants information and easy-to-understand analyses to ensure that each step is the right one. **You'll save money over the long term but our goal is to help you improve grape quality, year after year.**

Wine = Better Returns

Climate is increasingly complex and challenging. With so many options, who should you trust? We can help you produce consistent and profitable grapes by:

utilizing viticultural techniques and materials to address issues such as

Software Options:

PremiereData

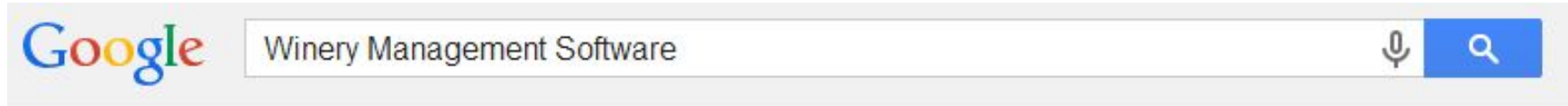
PremiereDecision

PremiereVision

Vineyard Consulting Services

We also offer personalized, hourly consultation with our team of Viticultural Consultants. [More Info](#)

Winery Management Software Searching the Googles...



Web Maps Shopping Images News More Search tools

About 1,260,000 results (0.41 seconds)

[VINx2 Winery Software - Home](http://www.winery-software.com/)

www.winery-software.com/

[Vinsight Winery Software](http://www.vinsight.net/)

www.vinsight.net/

[Advanced Management Systems: Complete Winery Software Package](http://amssoftware.com/)

amssoftware.com/

[eWinery Solutions - Complete eCommerce Solutions for the Wine ...](http://www.ewinerysolutions.com/)

www.ewinerysolutions.com/

[Winery Management Software by VinNOW featuring Point of Sale ...](http://www.vinnow.com/)

www.vinnow.com/

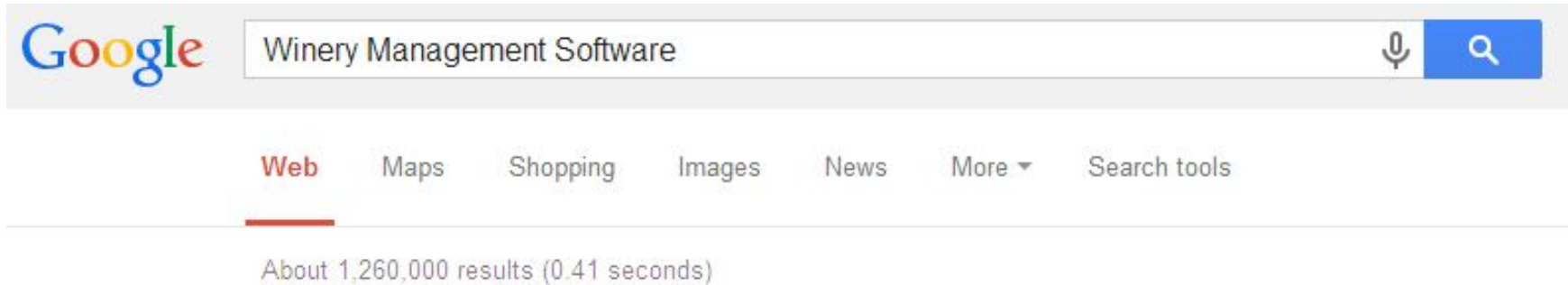
[VinBalance Winery Management Software by Ingio](http://www.vinbalance.com/)

www.vinbalance.com/

Fees:

Some apps/software packages are free or offer free trials; others require a fee – monthly, annual, one-time (rare). Still others require new users to get a quote.

Winery Management Software Searching the Googles...



***Disclaimer:**

The following slides only show a few of the software programs easily found online and what they cover. KSUA and the KSUA/VESTA Viticulture and Enology Program do not recommend any software or application over another. We DO recommend, however, that each business thoroughly research each program to ascertain which may be most useful, convenient, consistent, and affordable for their operations.

****Remember – go with the organization strategy that you'll stick with! Consistency in record keeping is key, especially if you want to try any experiments in the vineyard or the winery!**

Winery Management Software

Wine Management Systems

- Cloud-based
- From vineyard to winery to bottle and beyond
- Contact to get an estimate

WMS
#1 IN CLOUD COMPUTING

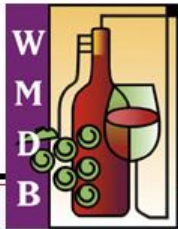
Home Solutions Get the Facts Our Customers Resources About Us Contact Us

Drain and Press

Wine Management Systems (WMS) is a Winery Management Software Solution delivered as a service through Cloud Computing and created specifically for the small to mid-size wine producer to help them better manage and track their winery operations. WMS' winery management software tracks all winery activities from Vineyard & Grower Management through Production & Bottling, Inventory Management, Wine Club Management, TTB Compliance, and ultimately synchronizing all financial information to QuickBooks. A technology leader, WMS is the first company to offer Software as a Service (SaaS) to the wine industry.

Free iPad Mini with 1 year Production Software contract.* Click the iPad Mini to sign up.

Winery Management Software



The Winemaker's Database

Specializing in Wine Production Software

Phone: (408) 688-1819

[Home](#) | [About](#) | [Software](#) | [What's New](#) | [Seminars](#) | [Support](#) | [Client Resources](#) | [Contact](#)

Voted BEST WINE INDUSTRY SOFTWARE SUPPLIER OF 2013 - Vineyard & Winery Management Magazine

Your Wine Production Software Experts Since 1983

Vineyard Operations » Grape & Bulk Wine Contracts » Grape Receipt & Scale House » Bulk Wine Operations » Government Compliance » Wine Analysis » Barrel Tracking » Packaging Materials » Case Goods Inventory » Bulk Wine Costing



Vineyard Operations

The Winemaker's Database Vineyard Module allows you to enter information about the various vineyards from which you obtain your grapes. It provides for the description of each vineyard, including acreage, soil type, etc. and also allows you to track the various vineyards from which you obtain your grapes, such as rainfall and phenology. It also provides for bulk wine tracking and the ability to quickly identify the grapes from a particular block.

- Track wines from vineyard to bottle
- Contact to get an estimate.

Winery Management Software

[Home](#)[Solutions](#)[About Us](#)[News](#)[Support](#)[Contact Us](#)[Log in](#)

Vineyard



Crush



Aging & Tirage



Blending Laboratory



Bottling & Packaging



Finished Goods & Inventory



3-Tier Channel Management



Consumer Tasting Room Wine Clubs eCommerce



- Track wines from vineyard to bottle
- Option available to include barcoding and scanning.
- Contact to get an estimate.

WiMS Sales & Distribution – Full Control Warehouse to Retailer

Winery Management Software

Vinsight
winemaking software

Login Sign Up

Home Products Pricing Support About Blog

Profit is important!

Knowing that you are making a return on every bottle you sell and the margin on that sale is critical in measuring your return on investment. The hardest part of that equation is working out the cost per bottle. With that in mind we have released a new version of Vinsight that is heavily focused [...]

Batch Details

Num	Other Party	Date	Winery Operation
1	Support Land	18/06/2012	45

Summary (\$24.11/L)

	Total Volume (L)	Total Cost (\$)	Cost per Volume (\$/L)
Harvests	5600	135000.00	24.11
Bulk Receivals	0	0.00	0.00
	5600	135000.00	24.11

Harvests

est.	Sub Block	Vintage	Region	Variety	Volume (L)	Cost (\$)	Cost per Volume (\$/L)
14	D Vineyard	2012	MART	SB	5600.00	135000.00	24.11

Bulk Receivals - none

Winemaking Made Easy

- Winemaking anywhere, anytime.
- Comprehensive, effective reports.
- Accessible traceability.
- Insightful lab analysis.

Optimize Your Sales

- Multi-currency transactions.
- Inventory by location.
- Month to date/year to date sales tracking.
- Real-time inventory reports.

An Accountant's Best Friend

- Track wines from vineyard to bottle
- Contact to get an estimate.

Winery Management Software – Vinsight...pricing

Features

production app

view inventory app

ALL PRICING PLANS INCLUDE

- ✓ 14 days free trial
- ✓ Winemaking recording and auditing
- ✓ Fermentation Management
- ✓ Lab Analysis
- ✓ Vineyard Management
- ✓ Sales and Purchase Ordering
- ✓ Xero Accounting Integration
- ✓ WET Tax Assessments
- ✓ Free email support

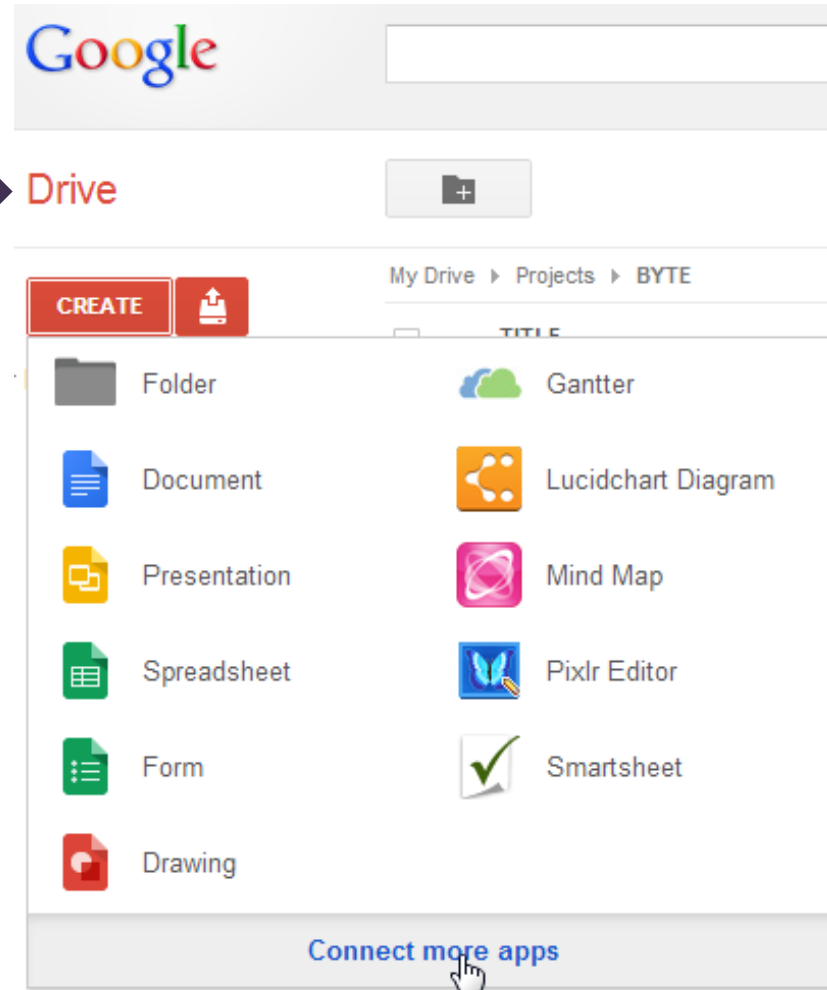
	pick a plan to start your free trial!			
	<p>\$ 59 USD PER MONTH</p> <p>BASIC WINEMAKING Ideal for small producers with a single winemaker/brewer</p> <ul style="list-style-type: none"> • Includes 1 user 	<p>\$ 99 USD PER MONTH</p> <p>WINEMAKING Suitable for a small winery with simple inventory requirements</p> <ul style="list-style-type: none"> • All features from basic winemaking subscription • Basic inventory tracking • One location for inventory levels • Price books • Multi-currency 	<p>\$ 177 USD PER MONTH</p> <p>WINE BUSINESS Ideal for producers where you need to co-ordinate a small team</p> <ul style="list-style-type: none"> • Includes 3 users • More comprehensive reporting options • Inventory Management • Inventory and Bulk Wine Costing • Overhead Allocations • Bar code integration • Priority phone support 	<p>\$ 399 USD PER MONTH</p> <p>PREMIUM WINE BUSINESS Ideal for operations needing to co-ordinate different departments and functions in the business</p> <ul style="list-style-type: none"> • Includes 7 users • All features from the Business subscription • User Roles and Permissions • Tighter control of infrastructural information • Scheduled Reporting • Reporting only licences • External reporting portal for your customers • Priority phone support
	start free trial	start free trial	start free trial	start free trial

Smartphones and Tablets – Cheap, Quick, and Easy(?)

- Useful apps for general information

- Google Drive

- Spreadsheets
- Documents
- Online Forms
- Presentations
- Picture Storage
- Connect to other apps



Smartphones and Tablets – Cheap, Quick, and Easy(?)



Spreadsheets can be accessed from smartphones and tablets (with 3G/4G or wifi connectivity)

Initial Target Date	Actual REI (Hours)	Miscellaneous Notes	Acres to Spray	Fraction "As Applied"	Acres "As Applied"	Crop Spray Target	Chemical Cost/Acre	Chemical Cost/Spray	Chemical Trade Name	Quantity per Acre	Units	REI (hours)	Total Units	Cost	Chemical Trade Name	Quantity per Acre	Units	REI (hours)	Total Units	Cost
5/1/2014	24		4	0.33	1.32	1" shoot	\$24.27	\$32.04	Mancozeb	3 lb	24	3.96	\$18.85	Sulfur	6 lb	24	7.92	\$10.53		
5/8/2014	24		4	0.33	1.32	3-5" shoot or 7-10 days	\$24.27	\$32.04	Mancozeb	3 lb	24	3.96	\$18.85	Sulfur	6 lb	24	7.92	\$10.53		
5/15/2014	24		4	0.33	1.32	10-12" shoot or 7-10 days	\$24.27	\$32.04	Mancozeb	3 lb	24	3.96	\$18.85	Sulfur	6 lb	24	7.92	\$10.53		
5/25/2014	24		4	0.67	2.68	Immediate Pre-Bloom 7-10 days	\$24.27	\$65.05	Mancozeb	3 lb	24	8.04	\$38.27	Sulfur	6 lb	24	16.08	\$21.39		
6/4/2014	48	Bloom	4	0.67	2.68	7-10 Days	\$56.06	\$150.23	Mancozeb	1.4 lb	24	3.752	\$17.86	Sulfur	6 lb	24	16.08	\$21.39		
6/11/2014	120	Bunch Rot Spray	4	1	4	First Postbloom no longer than 10 Days	\$42.69	\$170.77	Pristine	10 oz	120	40	\$130.80	Sulfur	6 oz	120	24	\$31.92		
6/18/2014	24		4	1	4	2nd Post Bloom no later than 10 days	\$31.69	\$126.77	Mancozeb	4 lb	24	16	\$76.16	Sulfur	8 lb	24	32	\$42.56		
6/30/2014	120	Bunch Rot Spray	4	1	4	3rd Post Bloom, 10-14 days	\$45.35	\$181.41	Pristine	10 oz	120	40	\$130.80	Sulfur	8 oz	120	32	\$42.56		
7/12/2014	48		4	1	4	4th Post Bloom, 10-14 days	\$62.05	\$248.19	Mancozeb	2.1 lb	24	8.4	\$39.98	Sulfur	8 lb	24	32	\$42.56		
7/24/2014	72		4	1	4	10-14 days	\$33.33	\$133.32	Captan80W	2.3 lb	72	9.2	\$82.71	Sulfur	8 lb	72	32	\$42.56		
8/5/2014	72		4	1	4	10-14 days	\$45.92	\$183.69	Captan80W	2.3 lb	72	9.2	\$82.71	Sulfur	8 lb	72	32	\$42.56		
8/17/2014	72		4	1	4	10-14 days	\$45.92	\$183.69	Captan80W	2.3 lb	72	9.2	\$82.71	Sulfur	8 lb	72	32	\$42.56		
8/29/2014	72		4	1	4	10-14 days	\$45.92	\$183.69	Captan80W	2.3 lb	72	9.2	\$82.71	Sulfur	8 lb	72	32	\$42.56		
9/10/2014	120	Pristine for Late Hvst.	4	1	4	10-14 days	\$40.77	\$163.06	Pristine	8 oz	120	32	\$104.64		oz	120	0			
9/22/2014	4	Pristine for Late Hvst.	4	1	4	10-14 days	\$14.61	\$58.42					0	0				0	0	

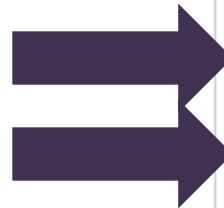
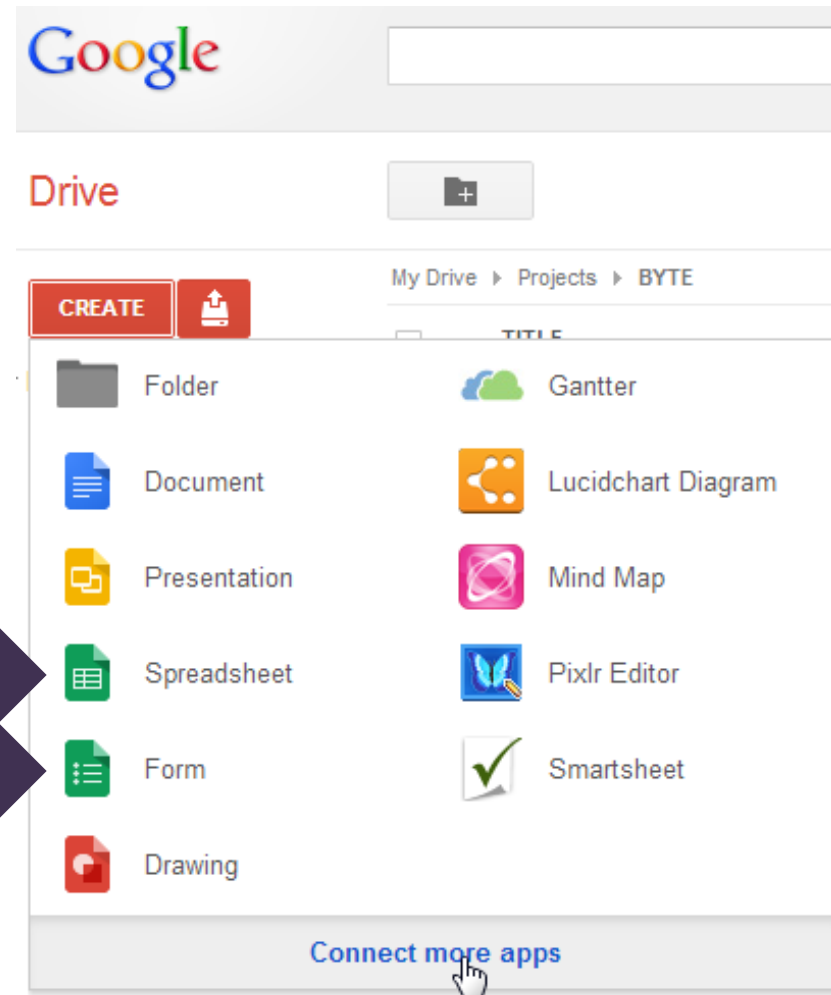
To access the Excel version of this spreadsheet, go to:
<http://go.osu.edu/ne-handouts>
 Click on "Eric Cotton's Excel Pesticide Spreadsheet"

Smartphones and Tablets – Cheap, Quick, and Easy(?)

- Useful apps for general information

- Google Drive

- Spreadsheets
- Documents
- Online Forms
- Presentations
- Picture Storage
- Connect to other apps
- Accessible from anywhere with an internet connection.
 - Offline work is possible.



Google Docs – Forms



Wine Tracking Form

* Required

Wine Name *

Yeast Used *

Brix *

TA *

pH *

Last Punch Down *

Ready to Bottle? *

Gallons to Bottle *

Number of Bottles Needed

Number of Corks Needed

Cost/bottle

Never submit passwords through Google Forms.

Use forms to create vineyard or winery workflows or track vineyard work or wines.

These can be completed on smartphones or tablets with internet connections.

Google Docs – Forms



Wine Tracking Form (Responses) ☆

File Edit View Insert Format Data Tools Form Add-ons^{NEW!} Help Last edit was made seconds ago by anonymous

fx | Timestamp

	A	B	C	D	E	F	G	H	I	J	K	L
1	Timestamp	Wine Name	Yeast Used	Brix	TA	pH	Last Punch Dow	Ready to Bottle?	Gallons to Bottle	Number of Bottle	Number of Corks	Cost/bottle
2	3/17/2014 16:02:	Cab Sauv	D254	20	0.7	3.3	3/20	Yes	20000			
3												
4												
5												

Data submitted in forms populate spreadsheets in Google Drive, which can help you track information.

Smartphones and Tablets – Cheap, Quick, and Easy(?)

- **Caveat:**

- While this is free, the setup will likely require a lot of effort, so be sure to line up everything you want to know first!
- Then plan to spend at least an hour setting it all up.

