



Wine Grape Action Team

Establishing a Basement Winery: What You Need and Where To Get It

ESSENTIAL SUPPLIES

- Primary fermenter - 6 to 13 gal white plastic paint bucket or trash barrel with cover (\$3-12)
- Secondary fermenter – 1 gal glass jugs (\$2), 3 gal carboys (\$13) and 5 gal carboys (\$14)
- Bubbler airlocks (\$1) and stoppers to fit secondary fermenters
- Hydrometers with 0-35° specific gravity and potential alcohol (\$5) and 5° to +5° range (\$12)
- Plastic Hydrometer Cylinder (\$3)
- Thermometer (\$10) stainless steel
- Racking Tube/Siphon Hose: about 6 feet of 1/2 inch clear plastic tubing
- Funnels 12-6" (\$2-6)
- Campden Tablets (\$2) for 1 gal batches
- Potassium Metabisulfite (\$6) powder for 5 gal batches
- Citric Acid (\$6) powder
- Yeast Culture (\$1) powder (Do not use bread or baking yeast!)
- Sugar (\$2)
- Corks
- Hand Corker (\$20)
- Bottles (five 750-ml bottles per gallon of wine)
- Calculator
- Safety Supplies (gloves, goggles, apron)

ADVANCED SUPPLIES

- Digital Scale (\$80) 0.1g readability, 200g capacity, ounce mode
- pH Meter ((\$80) handheld, portable, ±0.05 accuracy)
- Titratable Acidity Apparatus (\$60)
- SO₂ Aeration Oxidation Apparatus (\$300)
- Clinitest Residual Sugar Test Kit (\$30)
- Paper Chromatography Kit (\$45)
- Fruit Press (\$200-1200)
- Crusher (\$200) or Crusher/destemmer (\$600)
- Floor Corker (\$50)
- Yeast Nutrient (\$5)
- Potassium Sorbate (\$4) for stabilizing sweet wines
- Copper Sulfate (\$5) liquid used to remove rotten egg smell
- Bentonite (\$2) powder to remove protein hazes in white wine
- Sparkolloid (\$5) powder to help clarify wine
- Bottle Draining Rack (\$15)
- Jet Bottle Rinser (\$10)

WINE COMPETITIONS FOR AMATEURS

- Indy International Wine Competition www.indyinternational.org July 2007
- WineMaker International Wine Competition www.winemakermag.com March 2007
- Home Wine & Beer Trade Association (HWBTA) www.hwbta.org April 2007
- American Wine Society www.americanwinesociety.com September 2007
- U.S. Amateur Winemaking Competition www.cellarmastersLA.org November 2007

WINEMAKING SUPPLY SHOPS & CATALOGS

- Bloomington - Butler Winery www.butlerwinery.com
- Indianapolis - Easley Winery www.easleywine.com
- Valparaiso - Anderson's Winery www.andersonsvineyard.com
- Demotte - Red Barn Winemaker Supplies www.redbarnwinemakersupplies.com
- Elkhart - Quality Wine and Ale Supply www.homebrewit.com
- Fort Wayne – Brewers Art Supply www.brewersartsupply.com
- Indianapolis - Great Fermentations www.greatfermentations.com
- Indianapolis - WineArt www.wineartindy.com
- Kokomo - Hammer's Wine www.hammerswine.com
- Terre Haute – Herb's & Heirlooms and Homebrew too! www.herbsandheirlooms.com
- Presque Isle www.piwine.com
- Cynmar www.cynmar.com
- Vinquiry www.vinquiry.com

WINE WORDS

- A.V.A.
- Amelioration
- Appellation
- Brettanomyces
- Brix
- Cap Management
- Carboy
- Stabilization
- Fining
- Fortified
- Free Run
- French Hybrids
- Head Space
- Hydrogen Sulfide
- Inoculation
- Labrusca
- Lees
- Maceration
- MLF
- Must
- Oxidation
- pH
- PPM
- Pomace
- Punch Down
- Racking
- Residual Sugar
- Stabilization
- Stuck Fermentation
- Sulfur dioxide (SO₂)
- Surlies
- Tannin
- Titratable Acidity
- Vinifera
- Vintage
- Volatile Acidity
- Yeast

WINE ANALYSIS

- Vinquiry www.vinquiry.com
- Scott Lab www.scottlab.com
- ETS www.etslabs.com