

Cost per Acre

- **Cost of Planting Per Acres**
 - Range \$20,000 to \$30,000 per acres based on acreage planted
 - DOES NOT include land cost
- **Cost of Vineyard Management Per Acre**
 - Range: \$5,000 per acres (20 or more acres) to \$7,500 or more per acre (5 or less acres)
 - Automation – canopy management, mechanical harvesting, application of products to manage pest, mildew, and addition of nutrients
 - Labor per acres, since all hand labor and application management is more per acre
- **Time to Full Production**
 - Partial at 3rd leaf
 - Full production 4th or 5th leaf
- **Cost, Excluding Land, Planting and Farming Prior to Full Production**
 - 5 Acres: \$150,000
- **Full Production and Revenue per Ton**
 - Revenue: \$1,800 per ton (assumes all reds)
 - Yield: 3.00 tons per acre
 - Annual Revenue: \$27,000
 - Net Farming Income: \$(4,250), ZERO
- **Breakeven, Excluding Land**
 - NEVER
- **Including Land**
 - \$30,000 to \$100,000 per acres
- **The Miracle of Turning Wine Grapes into Wine**
 - Revenue per Ton: From \$1,800 per ton to \$7,200 per ton
 - ROI: 8.36 Years

Water Requirements v. Residential

- On average, each vine only requires 3.5 gallons per watering day. There is an average of 806 vines in a conventional 9 x 6 vineyard
- What does that mean compared to residential use?

February 2, 2023
Attachment 6

- Only 5 homes per acre would use approximately 250,000 gallons more water than a vineyard. PER ACRE

Varietals Grown in Idaho

- **French:** Cabernet Sauvignon, Cabernet Franc, Merlot, Malbec, Petit Verdot, Syrah, Chardonnay, Sauvignon Blanc, Viognier
- **Italian:** Sangiovese, Primitivo (aka Zinfandel), Barbera, Nebbiolo, Dolcetto, Pinot Grigio, Moscato
- **Spanish:** Tempranillo, Garanacha (aka Grenache), Monastrell, (aka Mourvèdre), Albarino

Vineyard Issues

- Labor
- Materials
- Fuels/Chemicals
- COST of LAND