



Whitewater Hill

## Vineyard Notes

**Whitewater Hill Vineyards**  
220 32 Road  
Grand Junction CO 81503  
(970) 434-6868

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November 29, 2005

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The vineyard is looking good this year. Although there was some cold injury to the vines from a late November 2004 low temperature event that caused some bud and cane damage, nearly all vines have recovered and will produce crop in 2005. Chardonnay continues to be affected by high soil salt levels that has killed some vines and significantly reduced yield on the remaining vines.

We have leased a Cabernet Sauvignon and Merlot vineyard on 34 Road from Laveta Kay, Sheila Kay Warner and Sonja Kay. Due to limited bud count this year, Kay Vineyard should produce a modest crop with excellent quality. The vineyard has a perennial grass cover crop between the vine rows and an automated microsprinkler irrigation system.

The standard canopy management plan remains largely unchanged from last year using the Smart-Dyson trellis system. Irrigation management continues to use furrow irrigation with middle row watering and PRD (partial rootzone drying)).

The fungicide program continues to rely on sulfur and Rubigan. The rotary atomizer sprayer purchased in 2004 performed well with a calendar based spray program.

Annual petiole sampling has indicated that two nutrient issues exist in the vineyard: low nitrogen and excess potassium. Nitrogen additions continue to be made in the vineyard to mitigate nitrogen deficiency although little progress has been seen through increasing levels in the petiole sampling or in the grape must. Excess potassium

appears to stem from high potassium levels in the soil. We continue to recommend the use of DAP and carefully monitoring pH during the winemaking process.

Nancy is running the winery and tasting room which is now open 7 days a week from 12-6 during the summer. We have released our first wine, a 2004 White Merlot that appears to have found a niche with our tasting room clientele. Please stop by and visit when you are in town.



**Kay Vineyard Cabernet Sauvignon Budbreak**  
5/27/05