



## Vineyard Notes

Whitewater Hill LLC  
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November 29, 2005

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Significant winter damage has occurred in our vineyard this year. Syrah, in particular, was the variety with the most damage, about 65% loss. Other varieties handled the winter in much better shape, particularly Muscat Blanc with no winter damage. Your order has been downwards adjusted with the latest crop estimates. If you would like to reduce your order further or cancel it entirely, please let us know. If you have trouble locating a certain variety from another vineyard, perhaps we can help. We apologize for any inconvenience that this may cause you.

We have broken ground for our tasting room at 32 road. We have talked to many of you about selling your wines at this facility. This is becoming closer to reality, perhaps as early as this summer.

Several new equipment purchases should enhance crop reliability and quality. There is a new wind machine at 31 road and we have acquired a rotary atomizer sprayer for powdery mildew control.

The standard canopy management plan remains largely unchanged from last year using the Smart-Dyson trellis system. Less shoot positioning will be done on the west and south faces of the canopy to shade clusters to mitigate excessive heating. This may improve color and increase malic acid levels. No leaf removal is planned but shoot thinning and cluster thinning is planned because of pruning adjustments that were made to accommodate the winter damage.

Cover crop experiments are continuing. Almost the entire acreage is planted to cereal rye and barley.

Irrigation management continues to use middle row watering and PRD (partial rootzone drying)). The fungicide program continues

to rely on sulfur and Rubigan. Provado will be used as necessary to control leaf hoppers. An outbreak of grape mealybug was discovered in 2003 and will continue to be monitored. Nitrogen additions continue to be made in the vineyard to mitigate nitrogen deficiency.



**Cabernet Sauvignon Budbreak / Cereal Rye Cover Crop**  
**(Note: each vine row should be a solid green; the gaps represent the winter damage that has occurred this year)**

**5/7/03**