

# CCVT'S CLEAN WATER PROJECT

## GY Vineyard Demonstration Site Summary



(Demo Area Prior to BMP)



(Demo Area After BMP)

### Clean Water Project Summary

<b>Historical Erosion Issues:</b>	There are many bare roads within the vineyards that are eroding.
<b>Demonstration Site Goals:</b>	Reduce erosion along several of the bare roads.
<b>Best Management Practice (BMP) Implementation:</b>	Drill sheeps and hard fescue along the roads at a rate of 35 lbs/acre. Cover with and tack down jute netting.
<b>Demo Site Acreage:</b>	5
<b>Year 1 BMP Imp. &amp; Main. Cost:</b>	NA <sup>1</sup>
<b>Year 1 BMP Imp. &amp; Main. Cost (per acre):</b>	NA
<b>Year 2 BMP Imp. &amp; Main. Cost:</b>	\$643.50
<b>Year 2 BMP Imp. &amp; Main. Cost (per acre):</b>	\$128.70

### Challenges and Successes

<b>Challenges Associated with Implementation of BMP:</b>	None.
<b>Challenges with Maintaining BMP:</b>	Keeping traffic to a minimum while the seeds were getting established.
<b>Misc. Challenges Associated with the Demonstration Site:</b>	Very little rain. Made it difficult for the seeds to come up.
<b>Success of BMP:</b>	Coverage of bare roads increased from 10 to 70 and 80%.

### PPS<sup>2</sup> Score (out of 1,000 points):

<b>Year 1:</b>	NA
<b>Year 2:</b>	802
<b>Increase:</b>	NA

<b>RUSLE<sup>3</sup> 2 Score (soil loss):</b>	<b>(Tons/Acre/Year)</b>	<b>(Tons/Demo Site)</b>
<b>Before BMP Implementation:</b>	20.00	100.00
<b>After BMP Implementation:</b>	1.00	5.00
<b>Decrease:</b>	19.00	95.00

#### Notes:

- 1 NA = GY Vineyard was not added to the project until the second year.
- 2 PPS = Positive Points System Evaluation.
- 3 RUSLE 2 = Revised Universal Soil Loss Equation.