CCVT'S CLEAN WATER PROJECT
SM Vineyard Demonstration Site Summary

(Demo Area Prior to BMP)

(Demo Area After BMP)

Clean Water Project Summary	
Historical Erosion Issues:	The vineyard is planted on sandy "sugar" soils. As a result there is a lot of sediment runoff and buildup in the lower areas.
Demonstration Site Goals:	To reduce sediment loss from one of the roads into a nearby creek bed.
Best Management Practice (BMP) Implementation:	Grade the road to create a flatter surface. Broadcast sheep and hard fescue along the road at a rate of 35 lbs/acre. Cover with and tack down jute netting.
Demo Site Acreage:	2
Year 1 BMP Imp. & Main. Cost:	$1,285.00
Year 1 BMP Imp. & Main. Cost (per acre):	$642.50
Year 2 BMP Imp. & Main. Cost:	$399.00
Year 2 BMP Imp. & Main. Cost (per acre):	$199.50

Challenges and Successes	
Challenges Associated with Implementation of BMP:	Time. The seeds were hand broadcasted and the jute netting had to be secured by hand.
Challenges with Maintaining BMP:	None.
Misc. Challenges Associated with the Demonstration Site:	There was very little rain during the times the seeds were trying to get established. In addition, very little water was applied to the area.
Success of BMP:	The fescues grew to heights of 2 to 10 inches and covered approximately 60 to 80% of the area.

PPS[1] Score (out of 1,000 points):		
Year 1:	674	
Year 2:	831	
Increase:	157	
RUSLE[2] 2 Score (soil loss):	(Tons/Acre/Year)	(Tons/Demo Site)
Before BMP Implementation:	32.5	65
After BMP Implementation:	0.75	1.5
Decrease:	31.75	63.5

Notes:

1 PPS = Positive Points System Evaluation.

2 RUSLE 2 = Revised Universal Soil Loss Equation.