

CCVT'S CLEAN WATER PROJECT

VG Vineyard Demonstration Site Summary



(Demo Area Prior to BMP)



(Demo Area After BMP)

Clean Water Project Summary

Historical Erosion Issues:	Soil and water runoff from vinerows on hills.
Demonstration Site Goals:	To reduce runoff and improve soil tilth from hillside vines.
Best Management Practice (BMP) Implementation:	Drill a legume mix (bell beans, dundale peas, common vetch) on one of the blocks at a rate of 110 lbs/ac.
Demo Site Acreage:	4
Year 1 BMP Imp. & Main. Cost:	\$695.00
Year 1 BMP Imp. & Main. Cost (per acre):	\$173.75
Year 2 BMP Imp. & Main. Cost:	\$695.00
Year 2 BMP Imp. & Main. Cost (per acre):	\$173.75

Challenges and Successes

Challenges Associated with Implementation of BMP:	None.
Challenges with Maintaining BMP:	None.
Misc. Challenges Associated with the Demonstration Site:	None.

Success of BMP:	The cover crop came up to heights between 8 and 12 inches and covered approximately 80 to 90% of the area.
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PPS¹ Score (out of 1,000 points):

Year 1:	897
Year 2:	913
Increase:	16

RUSLE² 2 Score (soil loss):	(Tons/Acre/Year)	(Tons/Demo Site)
Before BMP Implementation:	3	12
After BMP Implementation:	1.5	6
Decrease:	1.5	6