

## DOCUMENTATION OF COSTS OF PRACTICES

Documentation of costs associated with BMP implementation and maintenance have been previously submitted to the RWQCB in the form of quarterly reports and in the year one summary report.

BMPs implemented at the demonstration sites included: road grading, planting cover crops (through drilling, broadcasting, and hydroseeding), placement of jute netting, and creation of water bars (**Table 4.2 and Figure 4.2**). The cost of implementing the BMPs ranged from \$41.70/acre to \$642.50/acre for year one and \$30.00/acre to \$347.50/acre for year two. The average cost for implementing the BMPs was \$115.68/acre for year one and \$92.34/acre for year two. The reason for the large spread in costs was because of the different BMPs implemented. Road grading and hydroseeding cost considerably more than planting cover crops alone. Planting cover crops using a drill was also cheaper than planting cover crops using a hand broadcaster. In addition, using perennial cover crops versus using annual cover crops lowered the cost/acre over time, as perennials only need to be planted every 3 to 5 years. **Table 4.2 and Figure 4.2** document the BMP implementation costs to date at each site and can be found on the following pages.

**TABLE 4.2**  
**BMP Implementation Costs**  
**CCVT Clean Water Project**  
**Year 1 and 2**

Vineyard	Acres	Practice	Implementation Costs (total \$)		Implementation Costs (\$/acre)	
			Year 1	Year 2	Year 1	Year 2
PC	2	Grassed road.	\$225.20	\$236.65	\$112.60	\$118.33
BR	5	Grassed roads.	\$0.00 <sup>3</sup>	\$607.00	\$0.00	\$121.40
SB	3	Grassed roads	452.4	\$0.00	\$150.80	\$0.00
				<b>Average:</b>	<b>\$87.80</b>	<b>\$79.91</b>
PC	50	Cover crops in vine middles.	\$2,085.00	\$2,010.00	\$41.70	\$40.20
ST	2	Cover crops in vine middles.	\$420.50	\$601.50	\$210.25	\$300.75
VG	4	Cover crops in vine middles.	\$695.00	\$695.00	\$173.75	\$173.75
				<b>Average:</b>	<b>\$141.90</b>	<b>\$171.57</b>
SM	2	Grading, grassed roads, use of jute netting.	\$1,285.00	\$399.50	\$642.50	\$199.75

GR <sup>2</sup>	5	Grading, grassed roads, use of jute netting.	\$0.00	\$643.50	\$0.00	\$128.70
				<b>Average:</b>	<b>\$321.25</b>	<b>\$164.23</b>
SW	2	Cover crops under vines and in middles.	\$307.75	\$60.00	\$153.88	\$30.00
				<b>Average:</b>	<b>\$153.88</b>	<b>\$30.00</b>
BF	2	Filter strip and cover crop.	\$704.96	\$629.76	\$352.48	\$314.88
				<b>Average:</b>	<b>\$352.48</b>	<b>\$314.88</b>
HS	100	Hydroseed and drill road with cover crops.	\$12,913.00	\$10,000.00	\$129.13	\$100.00
				<b>Average:</b>	<b>\$129.13</b>	<b>\$100.00</b>

Notes:

1 = SB Vineyard did not participate in the project after year one.

2 = BR Vineyard and GR Vineyard were added to the project in year two.

**Figure 4.2 Best Management Practice Implementation Cost/Acre**

