



Cost Analysis of Using Flexterra Hydraulically Applied Flexible Growth Medium Versus of Erosion Control Blankets

Materials	 Erosion Control Blanket	Cost/Acre	Extension	 Flexterra FGM	Cost/Acre	Extension
Project Coverage Area	5 acres-24,200 sqyds			5 acres-24,200 sqyds		
Material Used	North American Green DS-150	\$ 1,820.00	\$ 9,100.00	Profile Flexterra Flexible Growth Medium	\$ 2,940.00	\$ 14,700.00
Size of Material	6.67' x 108' rolls (80 sqyds/roll) 65 rolls/acre \$28.00/roll			50lb bales /\$42 per bale 3500 lbs per acre		
Miscellaneous Materials	staples-\$5.60 per roll	\$ 364.00	\$ 1,820.00	none		
Seed used	IDOT Class 3A Slope Mix	\$ 900.00	\$ 4,500.00	IDOT Class 3A Slope Mix	\$ 900.00	\$ 4,500.00
Fertilizer used	90-90-90	\$ 170.00	\$ 850.00	90-90-90	\$ 170.00	\$ 850.00
Total Material cost/acre		\$ 3,254.00			\$ 4,010.00	
Total material Cost			\$ 16,270.00			\$ 20,050.00
Labor	Erosion Blanket Project	Cost/Acre	Extension	Flexterra FGM Project	Cost/Acre	Extension
Laborers Needed	4			2		
Labor charges/hour	\$55 per hour			\$55 per hour		
Labor charges/day	\$440 per day	\$ 440.00	\$ 1,760.00	\$440 per day	\$ 440.00	\$ 880.00
Area Covered/day	1 acre			4.5 acres		
Number of Foreman needed	1			1		
Foreman charges/day	\$600 per day	\$ 600.00	\$ 600.00	\$600 per day	\$ 600.00	\$ 600.00
Total Labor Cost/day			\$ 2,360.00			\$ 1,480.00
Total Days to completion	5 days			1.25 days		
Total Costs	Erosion Blanket Project			Flexterra FGM Project		
Total Labor Costs	\$ 11,800.00			\$ 1,850.00		
Total material Cost	\$ 16,270.00			\$ 20,050.00		
Total Project Cost	\$ 28,070.00	\$6000+ savings on 5 Acres!!		\$ 21,900.00		
Total installed cost/acre	\$ 5,614.00	\$1200 savings per acre!!		\$ 4,380.00		
Total installed cost/square yard	\$ 1.16			\$ 0.90		
Total installed cost+15% profit/ sqyd	\$ 1.36	\$.30 per square yard Savings!		\$ 1.06		

**Flexterra is almost \$1300 less Costly/Acre!!!!

23% More cost effective

Can be 19% more profitable at same sqyd price

FGM's is also 20-30% more effective



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