

HydraGuard application and Usage spreadsheet

Mile of road and acre of open land

column designation total parts		C		E		G
		5		7		9
		4:1 ratio		6:1 ratio		8:1 ratio
Rows	Description	road - 1 mile long light traffic				
1	Total Square feet (15' x 5280')	79,200		79,200		79,200
2	sq ft Coverage of 1 gallon diluted (from table)	45		68		110
3	total gallons of diluted	1760		1164.705882		720
4	total gallons of concentrate	352.00		166.4		80.0
5	total gallon of water (=C4*4 or E4*6 or G4*8)	1408.00		998.32		640.00
6	total totes (=C4/275)	1.28		0.6		0.3
7	Cost for totes (=C6*2000)	\$ 2,560.00		\$ 1,210.08		\$ 581.82
8	cost per sq ft (=C7/C1)	\$ 0.032		\$ 0.015		\$ 0.007
Rows	Description	1 acre of slope				
10	Total Square feet (acre))	43,560		43,560		43,560
11	sq ft Coverage of 1 gallon diluted (from table)	45		55		65
12	total gallons of diluted (=C10/C11)	968		792.0		670.2
13	total gallons of concentrate (=C12/C2 or E12/E2 or G12/G2))	193.60		113.14		74.46
14	total gallon of water (=C14*4 or E14*6 or G14*8)	774.40		678.86		595.69
15	total totes (=C13/275)	0.704		0.411		0.271
16	Cost for totes (=C15*2000)	\$ 1,408.00		\$ 822.86		\$ 541.54
17	cost per sq ft (=C16/C10)	\$ 0.032		\$ 0.019		\$ 0.012
Rows	Description	road - 1 mile long heavy traffic				
20	Total Square feet (15' x 5280')	79,200		79,200		79,200
21	sq ft Coverage of 1 gallon diluted (from table)	35		50		75
22	total gallons of diluted (=C20/C21)	2262.9		1584.0		1056.0
23	total gallons of concentrate (=C22/C2 or E22/E2 or G22/G2))	452.57		226.29		117.33
24	total gallon of water (=C24*4 or E24*6 or G24*8)	1810.29		1357.71		938.67
25	total totes (=C23/275)	1.646		0.8		0.4
26	Cost for totes (=C25*2000)	\$ 3,291.43		\$ 1,645.71		\$ 853.33
27	cost per sq ft (=C26/C20)	\$ 0.042		\$ 0.021		\$ 0.011