

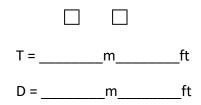
Grassed Waterway Design Information Sheet

1. Watershed area		ha	ac
2. Average grade of watershed			%
3. Runoff curve number from Tables 2.2 – 2.4			
4. Peak flow from watershed for a 10-year storm from Table 2.5-M to 2		to 2.11-I) _m³/s	ft³/s
5. Waterway length		_m	ft
6. Elevation difference throughout waterway length		m	ft
7. Average grade of waterway =			
Elevation difference (6)m ÷ Waterway length (5)	m x 100		
Elevation difference (6)ft ÷ Waterway length (5)	ft x 100		
			%
8. Soil texture at waterway location			
9. Erodibility of soil at waterway location from Table 4.1			
10. Waterway vegetative cover			
11. Permissible velocity of flow from Table 4.2		_m/s	ft/s
12. Waterway dimensions from Table 4.4-M to 4.9-M (4.4-I to 4.9-I)	T =	m	ft
	D =	m	ft
13. Add 0.1 m (0.3 ft) minimum freeboard to give new waterway dimer	nsions		
	T =	m	ft
	D =	m	ft

14. Are waterway dimensions suitable for crossing with farm equipment?

e.g. minimum side slope 10 horizontal:1 vertical

If NO, repeat steps (12) to (14) and adjust waterway dimensions. If YES, go to step (15).



15. Final waterway dimensions from step (13)