Wyndham City Council

Practical Erosion and Sediment Control for the Workforce 26 June 2024













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		Soil Slopes
Г		Elat <1 in 10
		Mulch and veg., reveg planting or seeds, soil binding, bonded fibre matrix, compost blankets, jute mesh and mats, mulch and veg, turf
		Mild 1 in 10 to 1 in 3
		Mulch and veg., reveg planting or seeds, soil binding (hydroseed), bonded fibre matrix, compost blankets, jute mesh and mats, anchored mulch and veg, turf
		Steep >1 in 3
		Bonded fibre matrix, compost blankets, anchored jute mesh and mats, reinforced turf, cellular confinement system,
	7	rock armouring Centre for Environmental Training

C-Factors													
Class	Туке	Suitable for Vegetation Type ((Design Life (months)	Use in Concentrated Flow ₃₁	Availability (days):«	Relative Cost Bracket w	Readual Impact ₁₀	C -factor _{NI} <35%, <8m	C -factor +33%, 6-15m	C -factor <33%, >15m	C -factor 33-50%, <5m	C -factor 33-50%, 6-15m	C -factor 33-50%, >15m
BIODEGRADABLE M	ULCHES ⁽⁷⁾									_			
Straw (anchored)	4.5 tonnes per hectare	Grass	1 to 6	No	< 5days	Low	Moderate	0,17	0,17	0,20	0.20	0,20	0.25
Wood Chip	16 tonnes per hectare	Grass/Shrubs	1 to 6	No	< 5days	Low	Moderate	0.08	0.08	0.08	N	4o dat	a.
Wood Chip	27 tonnes per hectare	Shrubs	1 to 6	No	< 5days	Law	Moderate	0.05	0.05	0.05	N	io dat	2
Wood Chip	56 tonnes per hectare	Shruba	1 to 6	No	< 5days	Law	Moderate	0.02	0.02	0,02	0.02	0,02	0.03
Hydromulching	1.5 tonnes mulch + 300 litres binder per hectare	Grass	1 to 3	No	< 5days	Law	Low	0.00	0.03	0.07	0.03	0.06	0.10
Bonded Fibre	5 tornes fibre per hectare	Grass	1 to 6	No	< 5days	Low	Moderate	0.00	0.03	0.07	0.03	0.06	0.10
ROLLED EROSION C	ONTROL PRODUCTS (RECPs) 71			_									_
Biodegradable	Jute mesh	Grass	6 to 12	Yes	< 5days	Law	Moderate	0,10	0.20	0,40	0.20	0,40	0.60
	Coconut fibre mesh (-400 gsm)	Grass	24	Yes	< 5days	Low	Moderate	0.10	0.20	0.40	0.20	0.40	0.00
	Coconut fibre mesh (-700 gam or more)	Grass	48	Yes	< 5days	Medium	Moderate	0.10	0.10	0.20	0.10	0.15	0.20
	Curled wood fibre	Grass	6 to 12	Yes	< 5days	Nedium	Moderate	0,01	0.06	0,10	0.10	0,15	0.20
	Jute matting (~350 gsm)	Grass	6 to 18	Yes	< 5days	Medium	Moderate	0.00	0.03	0.07	0.03	0.05	0.10
	Jute matting (-800 gam)	Shrubs	12 to 24	Yes	< 5days	Medium	Moderate	0.00	0.03	0.07	0.03	0.08	0.10
	Coconut fibre metting (-450 gam)	Grass	12 to 18	Yes	< 5days	Medium	Moderate	0.00	0.03	0.07	0.03	30.0	0.10
	Coconut fibre matting (~900 gsm)	Shrubs	18 to 24	Yos	< 5days	Medium	Moderate	0.00	0.03	0.07	0.03	0.06	0.10
Photodegradable	Mesh (< 5 mm openings)	Grass	1 to 6	Yes	< 5days	Low	Moderate	0.01	0.05	0.10	0.10	0.15	0.20
	Coconut fibre matting (~900 gsm)					Law		0.01	0.05	0.	.10	10 0.10	.07 0.08 0.06 .10 0.10 0.15 al Trainir





















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