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clays can be highly erodible











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	Cover Type (C) for Grass								
Г	Grass Cover	C-Factor							
	No cover, soil smooth and compacted	1.0 (High)							
	20%	0.45 (Med)							
	50%	0.15 (Low)							
	70%	0.05							
	100%	< 0.01							
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	Table E4 – De	K-i	factors 199 odibility K-factors based on soil	6 (af 3) T texture class	ter Rosewell able E4
	Soil texture	Symbol	Estimated clay content (%)	K-factor ^[1]	
	Sand	S	< 10	0.015	
	Clayey sand	CLS	5-10	0.025	
	Loamy sand	LS	5-10	0.020	
	Sandy loam	SL	10-15	0.030	
	Fine sandy loam	FSL	10-20	0.035	
	Sandy clay loam	SCL	15-20	0.025	
	Loam	L	about 25	0.040	
	Loam, fine sandy	Lfsy	about 25	0.050	
	Silt loam	SL	about 25 and more than 25% silt	0.055	
	Sandy clay loam	SCL	20-30	[0.043]	
	Clay loam	CL.	30-35	0.030	
	Silty clay loam	SICL	30-35 and more than 25% silt	0.040	
	Fine sandy clay loam	FSCL	30-35	0.025	
	Sandy clay	SC	35-40	0.017	
	Silty clay	SIC	35-40 and more than 25% silt	0.025	
	Light clay	LC	35-40	0.025	
	Light medium clay	LMC	40-45	0.018	
07	Medium clay	MC	45-55	0.015	
37	Heavy clay	HC	> 50	0.012	Centre for Environmental Training











LS-factor																
			1	able	E3 -	Slop	e-len	gth, L	S-fact	ors fo	or RU	SLE				
		Slope gradient						Slop	e lengti	n (m)						
		(70)	5	10	20	30	40	50	60	70	80	90	100	150	200	
		1	0.09	0.11	0.13	0.15	0.16	0.17	0.18	0.19	0.19	0.20	0.20	0.23	0.24	
		2	0.14	0.18	0.24	0.28	0.31	0.34	0.36	0.39	0.41	0.43	0.44	0.52	0.58	
		3	0.17	0.24	0.34	0.41	0.47	0.52	0.57	0.61	0.65	0.69	0.72	0.87	1.00	
		4	0.21	0.30	0.44	0.54	0.63	0.71	0.78	0.85	0.91	0.97	1.03	1.26	1.47	
		5	0.24	0.36	0.50	0.68	0.80	09	1.01	1.10	1.19	1.27	1.35	1.70	2.00	
		6	0.28	0.42	0.64	0.81	0.97	1.11	1.24	1.36	1.47	1.58	1.68	2.14	2.54	
		8	0.34	0.53	0.83	1.08	1.31	1.51	1.70	1.88	2.05	2.21	2.37	3.07	3.70	
		10	0.42	0.68	1.09	1.44	1.75	2.04	2.31	2.56	2.81	3.04	3.27	4.06	4.94	
		12	0.52	0.85	1.39	1.85	2.27	2.66	3.02	3.37	3.70	4.02	4.33	5.77	7.07	
		14	0.62	1.02	1.69	2.26	2.79	3.28	3.74	4.18	4.61	5.02	5.42	7.27	8.95	
		16	0.71	1.19	1.98	2.67	3.31	3.90	4.46	5.00	5.52	6.02	6.51	8.78		
		18	0.80	1.35	2.27	3.07	3.82	4.51	5.17	5.81	6.42	7.02	7.59			
		20	0.89	1.50	2.55	3.47	4.32	5.12	5.88	6.61	7.32	8.01	8.68			
		25	1.09	1.88	3.23	4.43	5.54	6.59	7.60	8.57	9.51					
		30	1.28	2.23	3.86	5.32	6.69	7.99	9.23							
		40	1.61	2.83	4.98	6.92	8.74									
		50	1.88	3.33	5.89	8.22										
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	Conservation Practice (P) Table E11								
Γ	Table E11 – Erosion control practice, P-fac	tors P-factor							
	Compacted and smooth (default construction phase condition)	1.3							
	Trackwalked along the contour	1.2							
	Trackwalked up and down the slope	0.9							
	Straw punched into loose ground by disc harrow	0.9							
	Loose to 300 mm depth	0.8							
	Note: [1] Straw mulch has been punched into a loose ground surface w	ith a disc harrow.							
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