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Cooperative effects of field traffic and organic matter treatments on some compaction-related soil properties

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treatment	passes	depth	penetration resistance	bulk density	total porosity	microporosity	macroporosity
1	1	1	2.10	1.46	0.45	0.33	0.12
1	1	1	2.07	1.45	0.45	0.33	0.12
1	1	1	2.02	1.43	0.46	0.34	0.12
1	1	2	1.98	1.50	0.44	0.34	0.10
1	1	2	1.97	1.48	0.44	0.34	0.10
1	1	2	2.00	1.49	0.44	0.33	0.10
1	3	1	2.45	1.49	0.44	0.36	0.08
1	3	1	2.34	1.52	0.43	0.34	0.09
1	3	1	2.50	1.48	0.43	0.34	0.09
1	3	2	2.15	1.55	0.42	0.34	0.07
1	3	2	2.10	1.52	0.42	0.35	0.07
1	3	2	2.13	1.56	0.42	0.34	0.08
1	5	1	3.60	1.56	0.41	0.32	0.08
1	5	1	3.50	1.58	0.40	0.32	0.08
1	5	1	3.69	1.59	0.41	0.32	0.08
1	5	2	2.55	1.60	0.39	0.33	0.06
1	5	2	2.50	1.61	0.39	0.33	0.06
1	5	2	2.60	1.62	0.39	0.34	0.06
2	1	1	1.89	1.26	0.53	0.36	0.16
2	1	1	1.85	1.24	0.53	0.36	0.16
2	1	1	1.92	1.25	0.53	0.37	0.16
2	1	2	1.78	1.35	0.50	0.36	0.14
2	1	2	1.58	1.31	0.50	0.36	0.14
2	1	2	1.57	1.30	0.50	0.36	0.14
2	3	1	2.02	1.41	0.48	0.37	0.11
2	3	1	1.90	1.42	0.48	0.36	0.11
2	3	1	1.96	1.31	0.48	0.40	0.08
2	3	2	1.85	1.47	0.45	0.37	0.08
2	3	2	1.80	1.46	0.44	0.36	0.08
2	3	2	1.70	1.48	0.45	0.36	0.08
2	5	1	2.80	1.40	0.46	0.36	0.10
2	5	1	2.83	1.45	0.46	0.36	0.09
2	5	1	2.62	1.46	0.46	0.36	0.10
2	5	2	2.10	1.54	0.42	0.35	0.06
2	5	2	2.04	1.56	0.42	0.36	0.06
2	5	2	2.09	1.53	0.42	0.36	0.06
3	1	1	2.08	1.35	0.49	0.35	0.13
3	1	1	1.90	1.34	0.49	0.36	0.13
3	1	1	1.90	1.37	0.49	0.36	0.13
3	1	2	1.96	1.41	0.47	0.35	0.13
3	1	2	1.94	1.39	0.47	0.35	0.13
3	1	2	1.84	1.40	0.47	0.35	0.13
3	3	1	2.34	1.44	0.45	0.37	0.08
3	3	1	2.30	1.46	0.45	0.37	0.08
3	3	1	2.28	1.48	0.45	0.37	0.08
3	3	2	2.03	1.53	0.43	0.35	0.07
3	3	2	1.98	1.51	0.42	0.36	0.07
3	3	2	2.01	1.54	0.43	0.35	0.07
3	5	1	2.98	1.52	0.43	0.35	0.08

	3	5	1	3.02	1.51	0.43	0.35	0.08
	3	5	1	2.94	1.50	0.43	0.35	0.08
	3	5	2	2.46	1.54	0.41	0.35	0.06
	3	5	2	2.42	1.57	0.41	0.35	0.06
	3	5	2	2.38	1.60	0.41	0.34	0.06
treatment								
	1	CT						
	2	FYM						
	3	GM						
depth								
	1	0-10 cm						
	2	10-20 cm						
penetration resistance		Mpa						
bulk density		gr cm ⁻³						
total porosity		cm ³ cm ⁻³						
macroporosity		cm ³ cm ⁻³						
microporosity		cm ³ cm ⁻³						