

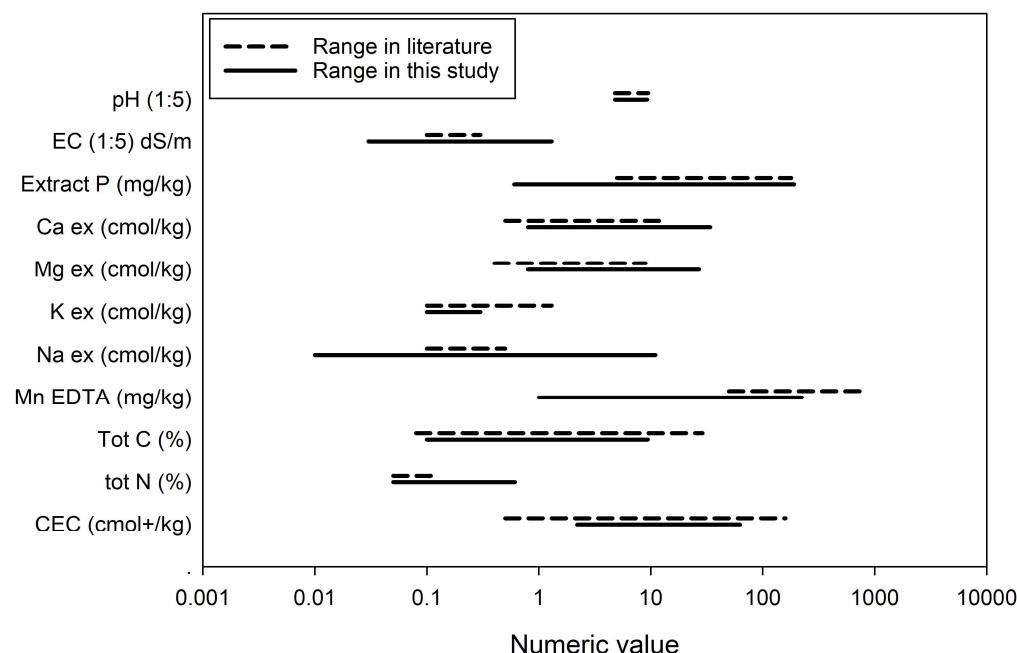
Article

Gamma Irradiation with 50 kGy Has A Limited Effect on Agronomic Properties of Air-Dry Soil

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Figure S1. Ranges (minimum to maximum) of values for various soil chemical parameters in studies reporting irradiation effects on soil (shown with red lines) compared to the range in values for the soils used in this study (shown with black lines),

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Table S1. Complete data set.

ID_bag	Soil no	ASC Order	USDA	Texture Grade	Horizon Codes	Treatment	C (%)	N (%)	P (mg/kg)	Cu (mg/kg)	Fe (mg/kg)	Mn (mg/kg)	Zn (mg/kg)	Ca ex cmol(c)/kg	K ex cmol(c)/kg	Mg ex cmol(c)/kg	Na ex cmol(c)/kg	CEC cmol(c pH w (1:5)) /kg	EC 1:5	
BROTH-ERS004/100-200	1	Vertosol	Vertisol	clay	B22	ctrl	1.42	0.05	4.96	0.80	2.18	13.43	0.24	16.94	0.51	21.54	10.73	49.72	9.21	1.29
						gamma	1.47	0.05	6.43	0.83	2.16	12.84	0.26	17.18	0.55	21.60	11.06	50.40	9.22	1.26
						% diff	3.81	-2.29	29.62	4.39	-0.98	-4.37	8.94	1.44	8.34	0.28	3.14	1.37	0.11	-1.87
BROTH-ERS005/100-200	2	Vertosol	Vertisol	clay	B22	ctrl	0.45	0.05	10.28	0.82	2.47	23.82	0.18	29.13	0.57	27.05	5.28	62.02	9.03	0.31
						gamma	0.48	0.05	11.29	0.84	2.49	21.75	0.20	29.62	0.57	27.06	5.33	62.59	8.97	0.32
						% diff	4.96	-7.10	9.76	2.39	0.74	-8.70	12.27	1.69	1.03	0.06	1.07	0.92	-0.66	3.19
BROTH-ERS005/200-300	3	Vertosol	Vertisol	clay	C2	ctrl	0.68	0.06	2.69	0.57	1.39	18.65	0.26	30.86	0.56	25.99	4.96	62.38	8.91	0.34
						gamma	0.66	0.06	1.40	0.59	1.26	17.91	0.25	31.15	0.56	25.88	4.86	62.44	8.89	0.34
						% diff	-2.54	-1.86	-48.01	3.30	-9.25	-3.97	-2.82	0.93	-1.01	-0.44	-2.00	0.11	-0.22	1.19
BROTH-ERS005/20-100	4	Vertosol	Vertisol	clay	B2	ctrl	1.44	0.09	3.05	1.16	5.05	9.66	0.32	33.24	0.50	24.84	1.83	60.41	8.69	0.25
						gamma	1.46	0.08	3.57	1.02	5.16	10.96	0.35	33.39	0.50	24.98	1.96	60.82	8.62	0.26
						% diff	0.97	-1.85	17.24	-12.13	2.19	13.50	6.22	0.47	-0.78	0.55	6.88	0.69	-0.81	3.84
BROTH-ERS007/20-100	5	Vertosol	Vertisol	clay	B2	ctrl	4.36	0.05	4.20	0.47	1.23	8.16	0.26	24.03	0.23	19.30	2.63	46.19	9.22	0.27
						gamma	4.32	0.05	5.35	0.46	1.28	7.32	0.26	23.81	0.24	19.38	2.74	46.18	9.21	0.28
						% diff	-0.87	8.15	27.49	-2.54	3.85	-10.31	-1.09	-0.89	6.25	0.42	4.20	-0.02	-0.11	3.72
BROTH-ERS009/200-300	6	Vertosol	Vertisol	clay	2B2	ctrl	5.01	0.05	0.74	0.37	1.60	7.38	0.24	11.33	0.30	20.97	10.56	43.18	9.31	1.11
						gamma	4.98	0.05	0.63	0.42	1.70	5.50	0.28	11.58	0.31	21.03	10.65	43.57	9.31	1.09
						% diff	-0.50	3.59	-15.75	12.71	6.01	-25.43	18.01	2.21	2.22	0.26	0.83	0.92	0.00	-1.27
BROTH-ERS009/20-100	7	Vertosol	Vertisol	clay	B2	ctrl	1.42	0.09	4.28	1.39	2.66	7.51	0.34	20.93	0.60	22.21	10.21	53.95	8.86	1.16
						gamma	1.45	0.08	5.38	1.45	2.69	9.21	0.35	20.93	0.63	22.31	10.31	54.18	8.84	1.14
						% diff	1.62	-6.47	25.61	4.03	1.42	22.66	3.16	-0.02	4.62	0.43	1.03	0.42	-0.23	-1.55
HCC001/1	8					ctrl	9.45	0.61	94.07	0.84	44.48	53.42	0.47	3.10	0.60	1.72	0.25	5.66	5.40	0.11
						gamma	9.33	0.60	104.37	0.90	48.48	51.34	0.50	3.08	0.66	1.85	0.28	5.86	5.35	0.12
						% diff	-1.22	-0.87	10.95	7.37	8.99	-3.89	5.05	-0.70	9.50	7.85	12.89	3.56	-0.93	9.86
HCC001/2	9	Ferralsol	Oxisol	clay	AB	ctrl	1.98	0.18	37.96	0.20	13.08	8.22	0.19	1.59	0.32	2.88	0.20	4.99	5.24	0.05
						gamma	1.99	0.18	39.20	0.23	13.27	9.26	0.20	1.57	0.33	2.92	0.22	5.02	5.17	0.06
						% diff	0.66	0.49	3.28	12.89	1.46	12.74	6.48	-1.59	2.60	1.20	6.58	0.62	-1.34	11.71
HCC001/3	10	Ferralsol	Oxisol	clay	B	ctrl	0.69	0.10	38.64	0.14	9.54	1.01	0.15	1.15	0.33	3.27	0.38	5.13	5.49	0.05
						gamma	0.70	0.11	41.75	0.16	9.74	1.33	0.15	1.09	0.35	3.22	0.41	5.07	5.39	0.05
						% diff	1.01	3.47	8.06	10.68	2.05	31.23	-3.76	-5.53	5.54	-1.31	7.25	-1.17	-1.82	11.02
HCC002/1	11	Ferralsol	Oxisol	clay	A1	ctrl	2.07	0.19	50.30	1.72	41.61	42.21	0.74	10.20	1.05	12.04	0.20	23.49	5.75	0.07
						gamma	1.90	0.18	51.84	1.76	40.65	47.23	0.76	9.83	1.07	11.94	0.22	23.06	5.69	0.09

						% diff	-7.80	-6.75	3.07	2.34	-2.30	11.90	2.53	-3.59	1.70	-0.79	7.72	-1.82	-1.04	18.92
HCC003/1	12	Hydrosol	Alfisol	clay	A1	ctrl	4.13	0.35	34.05	1.85	28.09	121.94	0.76	13.43	0.41	10.50	0.20	24.54	6.73	0.12
						gamma	4.21	0.35	39.60	1.92	28.34	126.69	0.76	13.35	0.39	10.62	0.23	24.59	6.76	0.13
						% diff	1.79	2.54	16.29	3.82	0.88	3.90	-0.15	-0.62	-4.96	1.16	13.22	0.18	0.45	6.91
HCC004/1	13	Kurosol	Ultisol	clay loam	A1	ctrl	3.63	0.32	100.54	1.31	28.79	7.89	1.02	4.78	1.16	10.26	0.12	16.31	6.82	0.14
						gamma	3.70	0.33	105.74	1.31	30.29	8.84	1.04	4.79	1.17	10.32	0.13	16.41	6.79	0.14
						% diff	1.87	1.79	5.17	0.12	5.21	12.02	1.55	0.19	0.57	0.58	15.13	0.57	-0.44	2.95
HCC004/2	14	Kurosol	Ultisol	clay	B2	ctrl	0.82	0.12	19.67	0.13	4.49	15.56	0.10	3.18	0.56	1.77	0.14	5.65	5.43	0.06
						gamma	0.80	0.10	18.49	0.13	4.21	17.36	0.09	3.07	0.59	1.85	0.16	5.67	5.37	0.07
						% diff	-2.32	-11.31	-6.02	0.76	-6.20	11.58	-10.37	-3.25	4.96	4.22	18.16	0.44	-1.10	9.88
HCC005/1	15	Kurosol	Ultisol	sandy clay loam	A1	ctrl	4.28	0.24	29.96	0.49	122.65	26.13	0.59	0.81	0.37	0.84	0.22	2.24	4.88	0.07
						gamma	4.30	0.25	29.71	0.54	125.82	28.40	0.58	0.78	0.37	0.84	0.24	2.24	4.80	0.08
						% diff	0.49	7.48	-0.85	9.45	2.58	8.69	-1.20	-3.54	1.46	-0.22	10.88	-0.06	-1.64	15.92
HCC006/1	16	Kurosol	Ultisol	sandy clay loam	A1	ctrl	4.66	0.28	32.49	0.49	48.46	106.77	0.67	2.99	0.84	1.34	0.14	5.30	5.42	0.06
						gamma	4.50	0.27	33.11	0.50	49.42	115.61	0.64	3.01	0.87	1.37	0.14	5.40	5.37	0.07
						% diff	-3.41	-3.17	1.90	1.89	1.98	8.28	-4.42	0.82	3.69	2.61	6.27	1.87	-0.92	17.17
HCC007/1	17	Kurosol	Ultisol	sandy clay loam	A1	ctrl	3.91	0.24	26.79	0.53	66.48	41.66	0.46	1.55	0.95	1.04	0.19	3.74	5.15	0.08
						gamma	3.98	0.25	27.53	0.61	68.87	40.72	0.45	1.50	0.96	1.04	0.21	3.71	5.12	0.09
						% diff	1.84	4.13	2.79	14.78	3.58	-2.26	-3.22	-3.40	1.46	-0.45	8.32	-0.73	-0.58	10.55
HCC008/1	18	Sodosol	Alfisol	clay loam	A1	ctrl	3.69	0.31	86.32	1.57	58.31	141.39	4.24	8.80	0.89	2.00	0.13	11.83	5.85	0.07
						gamma	3.75	0.31	83.55	1.57	55.84	140.52	4.18	8.43	0.87	1.97	0.14	11.42	5.86	0.07
						% diff	1.68	2.72	-3.21	-0.46	-4.25	-0.62	-1.40	-4.29	-1.67	-1.52	8.02	-3.49	0.17	1.51
HCC008/2	19	Sodosol	Alfisol	silty clay loam	A2	ctrl	0.95	0.12	49.25	2.43	17.04	50.12	0.44	9.28	0.21	1.69	0.11	11.29	6.70	0.04
						gamma	1.02	0.13	50.03	2.47	16.45	51.41	0.48	9.33	0.20	1.68	0.10	11.31	6.72	0.04
						% diff	7.47	9.83	1.59	1.68	-3.47	2.57	9.51	0.55	-7.29	-0.52	-5.29	0.18	0.30	4.21
HCC009/1	20					ctrl	3.60	0.35	59.27	2.31	13.79	80.00	0.86	23.53	0.64	1.99	0.09	26.24	7.25	0.12
						gamma	3.55	0.35	70.55	2.33	12.53	82.59	0.89	23.63	0.65	2.03	0.10	26.41	7.38	0.12
						% diff	-1.39	-0.06	19.03	1.22	-9.09	3.24	3.44	0.41	1.59	2.21	12.76	0.62	1.79	5.11
HCC010/1	21	Chromosol	Alfisol	clay loam	A1	ctrl	1.23	0.15	79.03	3.89	78.93	216.66	0.84	7.78	0.88	1.79	0.12	10.57	5.94	0.07
						gamma	1.31	0.14	71.35	3.80	75.92	223.92	0.80	7.78	0.87	1.63	0.11	10.39	5.90	0.07
						% diff	6.26	-4.13	-9.72	-2.33	-3.82	3.35	-4.87	-0.04	-0.76	-9.24	-7.02	-1.74	-0.67	10.72
HCC011/1	22	Sodosol	Alfisol	silty clay loam	A1	ctrl	3.86	0.35	64.00	1.14	66.68	180.05	2.28	6.67	0.66	2.32	0.10	9.75	5.95	0.10
						gamma	4.08	0.36	64.91	1.28	68.69	183.50	2.30	6.59	0.74	2.38	0.13	9.83	5.89	0.11
						% diff	5.75	3.32	1.42	11.94	3.03	1.92	0.84	-1.21	11.34	2.69	24.85	0.85	-1.01	12.82
HCC012/1	23	Sodosol	Alfisol	silty loam	A1	ctrl	3.73	0.40	86.55	1.08	232.28	134.85	17.70	3.62	0.31	1.77	0.18	5.87	5.01	0.08
						gamma	3.67	0.41	96.53	1.14	228.47	142.09	17.91	3.57	0.32	1.79	0.18	5.86	5.09	0.07
						% diff	-1.48	4.35	11.53	5.51	-1.64	5.36	1.17	-1.33	4.41	0.99	4.31	-0.16	1.60	-17.44
HCC012/4	24	Sodosol	Alfisol	clay	2B2	ctrl	0.10	0.07	5.21	0.75	4.50	19.35	0.31	5.81	0.16	16.89	6.36	29.21	8.39	0.40
						gamma	0.13	0.07	4.02	0.81	4.63	16.48	0.33	5.95	0.14	16.90	6.41	29.40	8.43	0.38
						% diff	33.40	-1.76	-22.81	8.01	2.72	-14.85	5.33	2.42	-13.37	0.06	0.87	0.63	0.48	-3.79

HCC013/1	25	Vertosol	Vertisol	clay	A1	ctrl	1.99	0.19	38.84	1.71	13.21	69.13	0.83	18.50	0.29	4.12	0.07	22.99	7.91	0.14
					gamma		2.07	0.21	43.85	1.68	12.28	76.79	0.80	18.50	0.31	4.16	0.08	23.06	7.85	0.15
					% diff		4.01	7.33	12.90	-2.12	-7.01	11.08	-4.09	-0.02	6.60	1.06	18.38	0.32	-0.76	9.42
HCC014/1	26	Sodosol	Alfisol	silty loam	A1	ctrl	3.31	0.33	89.71	1.81	125.18	127.26	5.47	7.99	0.98	1.97	0.09	11.03	5.64	0.07
					gamma		3.44	0.33	87.60	1.85	121.05	125.52	5.54	7.94	1.03	2.03	0.12	11.12	5.62	0.09
					% diff		3.87	0.83	-2.35	2.28	-3.31	-1.37	1.16	-0.60	5.00	3.14	32.41	0.83	-0.35	18.53
HCC014/2	27	Sodosol	Alfisol	silty loam	A2	ctrl	0.77	0.15	41.24	2.22	45.29	35.15	1.06	6.99	0.32	1.81	0.05	9.16	5.83	0.03
					gamma		0.78	0.15	39.46	2.28	44.93	33.41	1.06	7.12	0.32	1.82	0.05	9.31	5.75	0.04
					% diff		1.69	-0.61	-4.29	2.72	-0.79	-4.95	-0.49	1.96	-0.08	0.77	-10.52	1.58	-1.37	20.58
HCC014/3	28	Sodosol	Alfisol	clay	B2	ctrl	0.45	0.10	27.03	1.32	16.13	47.70	0.36	13.76	0.31	4.93	0.30	19.29	6.83	0.04
					gamma		0.47	0.10	24.64	1.26	15.26	48.23	0.39	13.86	0.28	4.83	0.28	19.25	6.80	0.05
					% diff		3.43	7.86	-8.84	-4.28	-5.38	1.12	8.11	0.72	-8.26	-2.00	-7.50	-0.24	-0.44	9.88
HCC015/1	29	Dermosol	Mollisol	clay loam sandy	A1	ctrl	2.21	0.25	65.03	0.96	29.54	80.92	1.99	14.43	1.94	1.57	0.01	17.94	7.95	0.20
					gamma		2.25	0.24	71.22	0.93	28.24	81.15	1.94	13.58	2.03	1.60	0.02	17.23	7.95	0.20
					% diff		1.72	-2.61	9.52	-2.54	-4.38	0.29	-2.70	-5.85	4.77	2.50	76.64	-3.93	0.00	2.55
HCC016/1	30	Sodosol	Alfisol	silty clay loam	A1	ctrl	1.05	0.14	38.58	0.87	52.21	151.69	2.51	4.59	0.43	0.97	0.03	6.02	5.95	0.06
					gamma		1.08	0.14	43.36	0.88	52.00	155.58	2.47	4.55	0.43	0.97	0.03	5.98	5.73	0.06
					% diff		2.38	-3.54	12.40	0.94	-0.40	2.56	-1.60	-0.74	-0.24	0.38	-16.76	-0.62	-3.70	5.38
HCC017/1	31	Sodosol	Alfisol	sandy clay	A1	ctrl	1.65	0.12	19.68	0.81	14.43	66.80	0.88	19.89	0.58	4.01	0.06	24.55	7.09	0.10
					gamma		1.61	0.13	24.14	0.77	13.24	67.04	0.80	19.77	0.55	3.94	0.07	24.33	6.98	0.11
					% diff		-2.67	3.35	22.69	-4.89	-8.22	0.36	-9.42	-0.58	-4.94	-1.78	6.38	-0.86	-1.55	12.86
HCC018/1	32	Vertosol	Vertisol	clay	A1	ctrl	2.83	0.22	24.96	2.13	18.19	109.42	0.88	27.85	0.80	7.83	0.14	36.63	6.97	0.09
					gamma		2.82	0.21	28.78	2.11	17.69	102.52	0.94	28.09	0.85	7.88	0.14	36.95	6.82	0.12
					% diff		-0.39	-3.49	15.32	-0.99	-2.74	-6.31	6.46	0.88	5.70	0.54	-4.44	0.89	-2.15	33.69
HCC018/2	33	Vertosol	Vertisol	clay	B2	ctrl	2.00	0.09	8.07	0.80	4.13	7.88	0.30	34.21	0.17	7.05	0.10	41.53	8.73	0.13
					gamma		1.91	0.09	8.43	0.85	4.10	8.65	0.33	34.12	0.15	6.91	0.08	41.27	8.71	0.13
					% diff		-4.25	-7.95	4.44	6.77	-0.77	9.75	10.93	-0.25	-8.07	-2.07	-18.53	-0.64	-0.23	1.78
HCC019/1	34	Dermosol	Mollisol	clay	A1	ctrl	4.26	0.26	44.35	1.20	29.23	63.53	1.72	30.48	0.62	5.66	0.03	36.79	6.37	0.14
					gamma		4.35	0.27	43.42	1.25	28.48	65.82	1.70	30.02	0.68	5.75	0.04	36.48	6.25	0.15
					% diff		1.99	3.44	-2.11	4.25	-2.58	3.59	-1.22	-1.53	9.50	1.57	39.10	-0.84	-1.88	7.28
HCC020/1	35	Sodosol	Alfisol	silty clay loam	A1	ctrl	1.34	0.22	20.89	1.36	24.04	109.52	0.99	12.33	0.22	3.83	0.42	16.80	6.20	0.09
					gamma		1.37	0.21	24.06	1.43	24.95	105.85	1.02	12.35	0.22	3.76	0.41	16.75	6.02	0.09
					% diff		1.71	-3.90	15.14	4.74	3.78	-3.35	3.27	0.17	-1.03	-1.66	-2.93	-0.34	-2.90	7.21
HCC020/3	36	Sodosol	Alfisol	sapric peat	B2	ctrl	1.02	0.20	15.73	1.32	16.56	66.84	0.47	23.28	0.23	7.27	1.40	32.18	6.66	0.09
					gamma		1.15	0.19	12.45	1.30	17.15	64.43	0.42	23.45	0.26	7.34	1.47	32.53	6.51	0.10
					% diff		12.72	-4.92	-20.88	-1.56	3.60	-3.60	-10.67	0.77	10.38	1.03	4.92	1.08	-2.24	12.67
HCC021/1	37	Rudosol	Entisol	silty clay loam	A	ctrl	3.46	0.38	51.78	0.61	17.83	154.24	1.73	22.18	0.86	4.21	0.06	27.30	6.80	0.11
					gamma		3.57	0.37	53.26	0.67	17.62	146.10	1.79	22.28	0.85	4.19	0.06	27.38	6.75	0.13
					% diff		2.97	-2.42	2.86	10.62	-1.18	-5.28	3.18	0.46	-0.75	-0.43	-1.24	0.28	-0.74	21.11
HCC022/1	38	Chromosol	Alfisol	clay loam	A1	ctrl	1.24	0.19	20.27	0.96	41.03	148.46	0.69	2.28	0.22	3.42	0.98	6.90	6.15	0.06
					gamma		1.29	0.18	21.02	1.02	40.17	153.94	0.75	2.28	0.20	3.48	0.96	6.93	6.02	0.07

						% diff	4.53	-1.89	3.69	6.25	-2.12	3.69	8.10	0.12	-6.26	1.73	-2.09	0.40	-2.11	14.54
HCC023/1	39	Dermosol	Alfisol	sandy clay	A1	ctrl	0.83	0.16	83.45	1.45	23.15	70.61	0.36	14.86	0.91	7.17	0.57	23.51	7.07	0.10
						gamma	0.81	0.15	79.23	1.39	21.71	68.87	0.32	14.41	1.01	7.20	0.64	23.27	7.08	0.11
						% diff	-2.64	-5.86	-5.05	-4.31	-6.23	-2.46	-12.11	-3.00	11.11	0.45	13.26	-1.01	0.14	10.73
HCC023/4	40	Dermosol	Alfisol	clay	3B2	ctrl	0.48	0.12	109.18	1.03	12.46	33.57	0.24	17.26	0.76	6.88	0.64	25.54	7.76	0.07
						gamma	0.46	0.12	112.77	0.98	12.45	32.65	0.21	17.34	0.68	6.72	0.56	25.30	7.69	0.08
						% diff	-4.05	1.03	3.29	-5.20	-0.07	-2.73	-14.27	0.51	-10.46	-2.39	-12.65	-0.93	-0.90	19.51
HCC024/1	41	Sodosol	Alfisol	silty loam	A1	ctrl	1.68	0.21	32.10	1.35	61.02	83.83	0.99	5.12	0.71	2.41	0.16	8.41	6.20	0.07
						gamma	1.64	0.20	35.51	1.38	58.26	80.82	1.04	4.97	0.77	2.52	0.19	8.45	6.02	0.08
						% diff	-2.26	-4.53	10.64	2.32	-4.51	-3.59	5.26	-3.08	8.64	4.52	18.67	0.51	-2.90	6.85
HCC024/3	42	Sodosol	Alfisol	clay	B1	ctrl	0.84	0.13	9.76	1.03	9.41	48.84	0.36	13.46	0.41	10.57	2.16	26.60	7.41	0.12
						gamma	0.81	0.13	10.22	0.96	9.30	50.45	0.34	13.47	0.41	10.46	2.17	26.51	7.38	0.13
						% diff	-3.80	-1.01	4.71	-6.84	-1.15	3.29	-4.62	0.03	-0.02	-0.99	0.49	-0.34	-0.40	6.14
HCC025/1	43	Chromosol	Alfisol	clay loam	A1	ctrl	2.91	0.34	30.74	1.71	19.90	154.75	5.59	12.43	1.20	4.27	0.18	18.08	6.92	0.12
						gamma	3.03	0.35	32.65	1.79	20.05	149.15	5.55	12.55	1.19	4.28	0.18	18.20	6.94	0.14
						% diff	4.02	4.67	6.21	4.50	0.74	-3.62	-0.76	0.99	-0.94	0.26	-1.57	0.67	0.29	10.71
HCC026/1	44	Sodosol	Alfisol	sandy clay loam	A1	ctrl	2.57	0.24	43.54	0.71	123.73	104.97	17.55	4.33	0.28	2.14	0.31	7.06	5.45	0.08
						gamma	2.63	0.25	49.67	0.75	117.40	103.44	17.53	4.20	0.26	2.08	0.29	6.82	5.37	0.09
						% diff	2.37	5.79	14.08	5.74	-5.11	-1.46	-0.10	-2.93	-6.66	-3.04	-7.58	-3.31	-1.47	9.94
HCC026/3	45	Sodosol	Alfisol	clay	B2	ctrl	0.48	0.07	7.67	0.70	17.04	10.45	0.33	7.81	0.22	9.78	3.26	21.07	6.65	0.07
						gamma	0.48	0.06	8.23	0.64	16.37	11.61	0.26	8.03	0.20	9.65	3.19	21.07	6.55	0.08
						% diff	-1.12	-16.01	7.30	-8.93	-3.93	11.07	-21.50	2.84	-11.44	-1.34	-1.92	0.01	-1.50	14.67
HCC027/1	46	Tenosol	Inceptis- sol	sandy loam	A1	ctrl	1.97	0.20	51.85	0.96	27.01	87.11	1.74	11.13	0.72	2.92	0.20	14.96	6.42	0.05
						gamma	1.90	0.19	51.67	1.01	24.98	83.66	1.80	11.02	0.70	2.84	0.18	14.74	6.45	0.06
						% diff	-3.26	-7.12	-0.35	5.68	-7.52	-3.95	3.72	-0.95	-2.50	-2.62	-8.66	-1.45	0.47	7.09
HCC028/1	47	Sodosol	Alfisol	silty clay loam	A1	ctrl	2.22	0.24	74.74	0.96	98.11	135.17	2.57	4.32	0.79	1.34	0.14	6.60	5.57	0.06
						gamma	2.20	0.24	82.27	0.98	97.86	143.20	2.61	4.17	0.83	1.33	0.17	6.50	5.47	0.06
						% diff	-0.68	-1.40	10.08	2.23	-0.25	5.94	1.19	-3.45	4.22	-0.32	18.55	-1.42	-1.80	6.11
HCC029/1	48	Chromosol	Alfisol	silty clay loam	A1	ctrl	2.47	0.28	86.76	0.90	98.49	122.30	2.38	5.95	0.77	1.88	0.10	8.70	5.75	0.07
						gamma	2.37	0.27	88.99	0.97	96.35	120.76	2.31	5.77	0.84	1.99	0.14	8.74	5.72	0.07
						% diff	-4.21	-2.68	2.57	7.21	-2.17	-1.25	-3.07	-3.10	9.26	5.85	37.38	0.39	-0.52	7.61
HCC030/1	49	Dermosol	Alfisol	clay loam	A1	ctrl	2.81	0.28	68.71	0.71	64.44	116.71	2.21	7.82	0.62	4.33	0.15	12.91	5.83	0.29
						gamma	2.74	0.28	73.57	0.83	62.86	114.68	2.17	7.67	0.67	4.38	0.17	12.88	5.93	0.31
						% diff	-2.25	-1.88	7.07	16.18	-2.45	-1.74	-1.89	-1.85	8.33	1.15	7.86	-0.24	1.72	8.85
HCC032/1	50	Kandosol	Alfisol	sandy clay loam	A1	ctrl	7.72	0.46	55.41	0.61	40.07	33.22	0.56	2.60	0.98	1.37	0.35	5.30	5.48	0.10
						gamma	7.81	0.46	58.22	0.60	42.20	34.98	0.58	2.43	1.03	1.38	0.39	5.23	5.43	0.11
						% diff	1.18	1.15	5.08	-1.66	5.31	5.30	3.25	-6.40	4.52	0.89	10.79	-1.35	-0.91	9.04
HCC034/2	51					ctrl	0.63	0.07	54.09	1.06	10.12	58.68	0.36	30.33	0.83	16.17	0.31	47.64	7.19	0.13
						gamma	0.63	0.06	49.90	1.15	9.45	56.22	0.37	30.55	0.82	16.25	0.32	47.94	7.19	0.13
						% diff	0.32	-10.72	-7.74	8.23	-6.62	-4.20	1.20	0.73	-1.42	0.48	4.25	0.63	0.00	0.23

HCC036/2	52					ctrl	0.99	0.07	37.24	1.46	28.63	62.54	0.45	13.80	0.37	3.72	0.14	18.03	6.38	0.05
						gamma	0.95	0.07	40.08	1.57	28.43	63.21	0.48	13.88	0.40	3.62	0.13	18.03	6.28	0.06
						% diff	-4.44	11.80	7.62	7.49	-0.68	1.08	8.77	0.53	8.27	-2.71	-1.06	0.01	-1.57	28.72
HCC037/1	53	Kandosol	Alfisol	clay loam	A1	ctrl	1.86	0.18	42.10	2.19	44.40	76.95	0.56	10.18	0.33	1.86	0.10	12.47	6.08	0.05
						gamma	1.90	0.18	45.79	2.24	43.98	80.53	0.55	10.00	0.31	1.75	0.08	12.13	6.03	0.06
						% diff	2.26	0.78	8.75	2.03	-0.95	4.65	-0.90	-1.73	-8.01	-6.27	-20.30	-2.72	-0.82	9.28
HCC038/1	54	Rudosol	Entisol	silty clay loam	A1	ctrl	3.36	0.33	103.53	1.25	99.14	114.98	3.51	9.80	0.72	1.68	0.08	12.28	5.81	0.08
						gamma	3.19	0.32	114.80	1.28	96.56	108.45	3.46	9.61	0.74	1.72	0.09	12.15	5.74	0.08
						% diff	-5.29	-2.91	10.88	2.38	-2.60	-5.68	-1.51	-1.92	2.23	2.22	14.38	-1.00	-1.20	2.41
HCC039/1	55	Tenosol	Inceptisol	clay loam sandy	A1	ctrl	3.17	0.30	61.19	0.93	77.61	48.70	3.94	11.99	0.54	3.00	0.07	15.60	5.92	0.08
						gamma	3.23	0.30	68.51	0.90	76.98	47.85	3.89	11.60	0.54	3.03	0.08	15.25	5.93	0.08
						% diff	1.89	2.10	11.98	-3.93	-0.80	-1.75	-1.34	-3.26	1.02	0.80	14.94	-2.25	0.17	4.85
HCC040/3	56					ctrl	0.58	0.07	7.02	0.99	2.83	6.94	0.28	12.21	0.43	3.17	0.28	16.09	7.01	0.22
						gamma	0.59	0.07	10.07	1.04	3.04	6.73	0.31	12.72	0.47	3.21	0.31	16.71	7.00	0.23
						% diff	1.10	3.60	43.37	5.16	7.57	-3.02	9.25	4.23	9.60	1.21	8.99	3.86	-0.14	1.79
HCC041/1	57	Chromosol	Alfisol	silty clay loam	A1	ctrl	1.11	0.16	17.40	0.81	26.87	57.26	0.86	8.04	0.40	1.74	0.02	10.20	6.48	0.05
						gamma	1.16	0.16	17.83	0.86	25.30	56.52	0.91	7.95	0.39	1.70	0.02	10.07	6.51	0.05
						% diff	4.78	1.77	2.47	5.40	-5.85	-1.28	5.50	-1.02	-2.24	-1.90	-14.56	-1.25	0.46	1.64
HCC043/1	58	Vertosol	Vertisol	clay	A1	ctrl	2.80	0.16	8.60	0.91	4.89	30.01	0.47	29.35	0.47	6.05	0.12	35.98	8.40	0.19
						gamma	2.90	0.16	9.14	0.91	4.83	34.60	0.44	29.50	0.44	5.88	0.10	35.91	8.41	0.19
						% diff	3.46	-3.22	6.22	-0.10	-1.36	15.29	-5.50	0.51	-6.88	-2.78	-13.72	-0.19	0.12	2.13
HCC044/1	59	Rudosol	Entisol	sandy clay loam	A1	ctrl	1.94	0.21	32.27	0.92	23.17	61.04	1.68	12.96	0.22	4.38	0.09	17.65	6.86	0.08
						gamma	1.87	0.20	34.35	1.01	21.69	54.33	1.60	13.04	0.24	4.49	0.11	17.87	6.67	0.08
						% diff	-3.87	-6.80	6.45	8.70	-6.37	-10.98	-4.60	0.66	9.70	2.31	21.39	1.28	-2.77	-1.22
HCC045/1	60	Dermosol	Alfisol	silty clay loam	A1	ctrl	2.89	0.23	67.17	2.46	39.11	99.91	1.36	21.63	0.42	6.83	0.09	28.97	6.78	0.09
						gamma	2.87	0.22	73.83	2.34	38.83	108.47	1.44	21.91	0.42	6.95	0.09	29.36	6.70	0.09
						% diff	-1.00	-4.61	9.92	-4.99	-0.72	8.57	5.38	1.29	-0.85	1.64	4.72	1.35	-1.18	-1.64
HCC046/1	61	Sodosol	Alfisol	sandy clay loam	A1	ctrl	3.76	0.27	23.65	1.32	36.40	137.51	1.61	14.83	0.23	2.93	0.06	18.05	6.62	0.13
						gamma	3.80	0.26	27.53	1.26	35.05	141.07	1.57	14.58	0.29	3.04	0.13	18.04	6.56	0.14
						% diff	1.17	-3.23	16.37	-4.92	-3.72	2.59	-2.65	-1.67	27.70	3.48	116.72	-0.06	-0.91	6.81
HCC047/1	62	Chromosol	Alfisol	clay loam	A1	ctrl	2.49	0.22	21.39	2.62	19.11	129.76	1.26	11.13	1.52	8.10	0.06	20.81	6.55	0.09
						gamma	2.43	0.21	19.40	2.68	19.45	126.98	1.24	11.15	1.54	7.88	0.04	20.61	6.52	0.10
						% diff	-2.45	-4.84	-9.31	2.30	1.78	-2.15	-1.96	0.16	1.34	-2.76	-28.84	-0.98	-0.46	12.16
HCC048/1	63	Dermosol	Alfisol	clay loam	A1	ctrl	2.90	0.26	36.80	1.33	42.57	139.54	1.44	11.29	0.77	1.22	0.03	13.31	6.30	0.09
						gamma	2.99	0.25	36.89	1.25	41.73	140.17	1.41	11.38	0.68	1.17	0.07	13.30	6.22	0.10
						% diff	2.96	-3.01	0.24	-6.07	-1.96	0.45	-2.14	0.77	-11.22	-4.04	130.67	-0.07	-1.27	11.06
HCC050/1	64	Sodosol	Alfisol	silty clay loam	A1	ctrl	3.05	0.29	82.93	0.48	127.73	110.88	2.32	4.14	1.02	0.91	0.01	6.08	5.21	0.09
						gamma	2.88	0.28	85.68	0.56	121.95	108.53	2.26	4.13	1.06	0.88	0.02	6.10	5.14	0.10

						% diff	-5.48	-3.40	3.32	17.95	-4.52	-2.12	-2.39	-0.19	4.11	-2.70	119.03	0.33	-1.34	14.21
HCC053/1	65	Sodosol	Alfisol	silty clay loam	A1	ctrl	2.24	0.25	38.78	1.13	72.71	84.27	0.94	3.00	0.92	2.95	0.04	6.90	6.01	0.07
						gamma	2.19	0.24	45.09	1.16	68.42	79.63	1.00	2.93	0.88	2.91	0.01	6.73	5.93	0.08
						% diff	-2.36	-3.75	16.28	2.28	-5.90	-5.51	6.83	-2.26	-3.40	-1.55	-85.77	-2.53	-1.33	15.35
HCC054/1	66	Kandosol	Alfisol	clay loam	A1	ctrl	2.12	0.20	25.69	1.23	18.48	138.58	1.06	7.54	1.09	2.52	0.03	11.18	6.78	0.10
						gamma	2.19	0.20	33.24	1.18	17.66	131.21	0.96	8.04	1.12	2.56	0.03	11.75	6.82	0.11
						% diff	3.26	3.07	29.40	-3.84	-4.47	-5.32	-8.79	6.58	3.28	1.65	-17.26	5.08	0.59	7.24
HCC057/1	67	Chromosol	Alfisol	clay loam	A1	ctrl	2.31	0.18	52.46	1.90	48.11	187.93	1.53	7.45	0.34	2.37	0.03	10.18	6.10	0.06
						gamma	2.45	0.19	58.25	1.97	50.94	207.71	1.52	7.71	0.36	2.43	0.01	10.51	6.10	0.07
						% diff	5.94	4.95	11.03	4.01	5.89	10.53	-0.53	3.60	5.27	2.58	-67.40	3.24	0.00	15.00
HCC058/1	68	Dermosol	Alfisol	clay loam	A1	ctrl	2.70	0.17	18.33	1.01	58.97	176.37	0.41	4.18	0.80	3.06	0.03	8.08	5.57	0.08
						gamma	2.64	0.16	19.30	0.96	58.69	177.17	0.40	3.80	0.76	2.94	0.02	7.52	5.59	0.08
						% diff	-2.22	-7.62	5.31	-5.04	-0.47	0.45	-2.63	-9.22	-4.82	-3.83	-48.47	-6.90	0.36	5.16
HCC059/1	69	Tenosol	Inceptisol	silty clay loam	A1	ctrl	1.16	0.13	39.08	0.62	40.08	15.91	0.49	6.20	0.17	1.03	0.01	7.41	6.02	0.04
						gamma	1.11	0.13	38.98	0.67	42.49	17.19	0.52	6.15	0.19	1.07	0.04	7.45	5.98	0.05
						% diff	-4.33	1.01	-0.26	7.15	6.01	8.01	6.32	-0.81	9.34	4.00	349.37	0.50	-0.66	12.41
HCC061/1	70	Vertosol	Vertisol	clay	A1	ctrl	5.31	0.43	191.10	3.21	43.52	80.90	2.82	29.39	2.98	12.07	0.04	44.48	7.21	0.22
						gamma	5.21	0.42	191.72	3.27	43.69	83.52	2.76	29.42	3.03	12.16	0.05	44.65	7.19	0.22
						% diff	-1.85	-2.33	0.33	1.81	0.39	3.24	-1.96	0.08	1.55	0.76	23.28	0.39	-0.28	1.32
HCC063/1	71	Sodosol	Alfisol	silty clay loam	A1	ctrl	1.04	0.14	31.99	1.37	28.89	86.83	0.72	6.48	0.80	1.28	0.01	8.56	6.42	0.05
						gamma	1.02	0.13	29.71	1.33	27.08	95.44	0.69	6.53	0.79	1.30	0.01	8.63	6.39	0.06
						% diff	-1.82	-4.33	-7.11	-2.91	-6.29	9.92	-5.46	0.88	-1.36	1.65	10.74	0.79	-0.47	10.56
HCC063/2	72	Sodosol	Alfisol	silty loam	A2	ctrl	0.32	0.07	9.76	1.10	9.00	47.89	0.33	6.94	0.33	1.36	0.25	8.88	6.42	0.14
						gamma	0.30	0.06	9.18	1.15	7.62	47.86	0.35	7.16	0.31	1.33	0.24	9.04	6.42	0.14
						% diff	-6.73	-13.99	-5.93	4.76	-15.40	-0.07	5.04	3.11	-4.30	-1.86	-3.26	1.90	0.00	1.54
HCC063/3	73	Sodosol	Alfisol	clay	B2	ctrl	0.23	0.07	34.50	0.51	7.38	30.03	0.26	14.33	0.56	3.33	0.40	18.62	7.16	0.19
						gamma	0.22	0.07	35.94	0.48	7.11	30.62	0.23	14.21	0.57	3.36	0.43	18.57	7.15	0.19
						% diff	-4.60	5.36	4.17	-5.91	-3.74	1.98	-9.73	-0.82	2.15	0.82	6.56	-0.28	-0.14	2.64
JETT001/0-10	74	Dermosol	Alfisol	clay	A1	ctrl	1.35	0.17	91.36	3.25	21.67	35.25	2.46	15.55	1.24	7.35	0.17	24.30	6.76	0.12
						gamma	1.37	0.17	92.95	3.12	20.62	38.63	2.24	15.32	1.26	7.38	0.18	24.14	6.84	0.11
						% diff	1.11	2.77	1.74	-4.21	-4.84	9.60	-8.67	-1.50	2.12	0.44	5.50	-0.68	1.18	-2.85
JETT001/120-150	75	Dermosol	Alfisol	sandy clay	D	ctrl	0.30	0.08	22.43	0.79	5.39	17.33	0.33	7.87	0.21	3.62	0.18	11.88	7.56	0.05
						gamma	0.29	0.09	24.49	0.85	5.46	19.08	0.33	8.18	0.23	3.76	0.18	12.36	7.57	0.06
						% diff	-3.56	5.58	9.18	7.18	1.15	10.13	-0.29	3.90	11.16	4.01	2.27	4.04	0.13	7.89
JETT001/300	76					ctrl	0.45	0.10	28.91	1.35	6.34	35.59	0.47	10.86	0.24	4.87	0.19	16.16	7.41	0.05
						gamma	0.46	0.09	25.87	1.33	6.20	39.77	0.43	11.18	0.24	4.91	0.19	16.52	7.39	0.06
						% diff	2.62	-5.99	-10.52	-1.82	-2.28	11.73	-9.90	2.99	-2.20	0.94	-3.20	2.22	-0.27	18.35
JETT001/30-60	77	Dermosol	Alfisol	clay	B2	ctrl	1.27	0.15	51.81	2.15	9.03	50.37	0.97	16.62	0.48	6.83	0.21	24.14	7.25	0.09
						gamma	1.36	0.16	52.31	2.28	8.94	53.57	1.24	16.57	0.49	6.81	0.23	24.10	7.24	0.10
						% diff	7.00	4.07	0.98	5.93	-1.08	6.34	28.62	-0.30	1.80	-0.24	8.64	-0.16	-0.14	12.86
JETT002/10-30	78	Dermosol	Alfisol	clay	A	ctrl	0.98	0.12	32.62	1.86	8.45	100.97	0.44	14.62	0.39	5.94	0.12	21.07	7.36	0.06

						gamma	0.98	0.13	33.06	1.91	7.97	99.64	0.46	14.65	0.39	5.99	0.13	21.16	7.38	0.07
						% diff	0.10	4.56	1.36	2.99	-5.66	-1.32	5.17	0.18	1.62	0.84	8.04	0.44	0.27	9.66
JETT003/0-10	79	Vertosol	Vertisol	clay	A1	ctrl	1.86	0.21	139.32	1.96	23.30	75.57	1.38	11.51	2.18	5.68	0.14	19.52	6.83	0.15
						gamma	1.90	0.20	142.82	2.02	23.09	76.70	1.41	11.39	2.15	5.69	0.14	19.37	6.87	0.16
						% diff	2.16	-2.69	2.52	3.24	-0.92	1.49	1.62	-1.05	-1.77	0.31	-0.56	-0.73	0.59	2.90
JETT003/10-30	80	Vertosol	Vertisol	clay	A1	ctrl	1.53	0.16	71.73	1.85	14.29	44.95	0.57	14.90	0.62	6.83	0.25	22.60	7.11	0.07
						gamma	1.51	0.15	76.20	1.89	13.89	47.25	0.61	14.92	0.60	6.84	0.24	22.61	7.04	0.07
						% diff	-1.31	-3.81	6.24	2.15	-2.80	5.13	7.51	0.13	-2.50	0.22	-2.37	0.06	-0.98	13.30
JETT003/120-150	81	Vertosol	Vertisol	clay	B22	ctrl	0.96	0.13	49.27	1.64	13.57	26.64	0.44	17.77	0.33	11.28	3.50	32.88	8.98	0.22
						gamma	0.97	0.12	50.42	1.66	13.38	34.82	0.51	17.81	0.31	11.26	3.49	32.87	8.99	0.24
						% diff	0.41	-8.26	2.33	0.99	-1.42	30.72	16.06	0.23	-7.49	-0.12	-0.15	-0.01	0.11	6.60
JETT004/0-10	82	Dermosol	Alfisol	clay	A	ctrl	0.96	0.13	54.75	2.02	14.97	74.72	0.62	12.07	0.45	8.64	1.68	22.84	7.35	0.12
						gamma	0.97	0.14	54.66	2.05	14.15	80.63	0.67	11.90	0.44	8.72	1.73	22.79	7.48	0.13
						% diff	0.94	3.25	-0.17	1.39	-5.51	7.91	8.61	-1.45	-1.78	0.91	2.84	-0.25	1.77	8.08
JETT004/200	83					ctrl	0.63	0.09	42.79	1.89	2.59	17.21	0.51	10.99	0.29	12.21	6.83	30.32	8.75	0.59
						gamma	0.64	0.10	42.70	1.90	2.92	19.40	0.47	11.12	0.28	12.32	6.84	30.57	8.81	0.61
						% diff	1.27	6.13	-0.21	0.69	12.82	12.70	-8.66	1.19	-2.71	0.93	0.20	0.82	0.69	2.87
JETT005/10-30	84	Dermosol	Alfisol	clay	A1	ctrl	1.26	0.15	62.53	1.39	12.08	83.39	0.47	15.20	0.56	5.03	0.06	20.85	7.20	0.06
						gamma	1.29	0.15	67.39	1.34	11.67	87.01	0.42	15.19	0.57	5.03	0.06	20.85	7.11	0.07
						% diff	2.47	2.10	7.76	-4.25	-3.36	4.34	-12.08	-0.03	1.41	-0.17	9.02	0.00	-1.25	20.90
JETT005/60-90	85	Dermosol	Alfisol	clay	AB2	ctrl	1.26	0.28	147.71	1.76	7.63	43.95	0.41	17.68	0.55	7.47	0.15	25.85	7.68	0.28
						gamma	1.22	0.28	149.64	1.80	7.64	49.84	0.38	17.94	0.56	7.56	0.15	26.20	7.59	0.26
						% diff	-2.70	-2.13	1.31	2.28	0.08	13.39	-7.02	1.46	0.30	1.19	0.17	1.35	-1.17	-5.09
JETT006/0-10	86	Dermosol	Alfisol	clay	A	ctrl	1.24	0.16	83.14	2.44	28.60	58.58	1.57	14.05	0.76	5.29	0.03	20.12	6.35	0.06
						gamma	1.23	0.15	90.65	2.38	26.94	60.18	1.69	13.91	0.79	5.31	0.05	20.06	6.42	0.06
						% diff	-0.81	-0.83	9.04	-2.32	-5.81	2.74	7.27	-0.99	4.38	0.47	42.91	-0.33	1.10	8.98
JETT006/300	87					ctrl	0.39	0.09	26.66	1.08	3.50	18.64	0.38	14.39	0.18	4.17	0.13	18.86	8.05	0.07
						gamma	0.40	0.10	28.85	1.13	3.27	19.98	0.42	14.50	0.17	4.20	0.13	19.00	8.13	0.07
						% diff	1.98	9.53	8.20	3.88	-6.47	7.18	12.64	0.79	-4.94	0.83	-1.47	0.73	0.99	5.63
JETT007/10-30	88	Dermosol	Alfisol	clay	A	ctrl	0.86	0.12	33.32	1.67	6.33	86.10	0.39	16.65	0.34	5.12	0.06	22.16	7.51	0.07
						gamma	0.88	0.12	32.27	1.72	6.14	88.80	0.38	16.62	0.34	5.12	0.06	22.14	7.53	0.07
						% diff	2.79	1.97	-3.15	3.04	-2.99	3.14	-2.06	-0.18	2.36	-0.01	3.70	-0.09	0.27	7.53
JETT007/30-60	89	Dermosol	Alfisol	clay	AB	ctrl	1.22	0.14	68.61	1.65	9.40	54.53	0.44	18.80	0.30	6.40	0.08	25.58	7.38	0.07
						gamma	1.19	0.14	70.18	1.62	8.61	61.62	0.44	18.90	0.31	6.43	0.08	25.72	7.36	0.07
						% diff	-2.78	-0.57	2.29	-1.66	-8.31	13.00	-1.56	0.52	2.00	0.48	6.93	0.55	-0.27	2.54
JETT008/120-150	90					ctrl	0.81	0.10	40.05	1.56	2.80	44.92	0.33	24.74	0.30	8.26	0.29	33.58	8.18	0.10
						gamma	0.82	0.09	45.16	1.58	3.01	42.37	0.35	24.67	0.30	8.35	0.32	33.65	8.17	0.11
						% diff	1.98	-5.76	12.75	1.56	7.55	-5.68	4.99	-0.25	1.11	1.16	10.03	0.20	-0.12	6.30
JETT008/30-60	91	Vertosol	Vertisol	clay	B2	ctrl	1.00	0.10	39.49	1.47	4.26	59.99	0.44	23.64	0.29	8.04	0.13	32.10	7.75	0.07
						gamma	1.06	0.11	39.25	1.46	3.99	50.90	0.42	23.90	0.28	7.90	0.12	32.19	7.67	0.08
						% diff	5.81	11.23	-0.59	-0.73	-6.47	-15.16	-5.71	1.10	-4.66	-1.70	-12.74	0.29	-1.03	9.52
JETT010/0-10	92	Vertosol	Vertisol	clay	A	ctrl	1.18	0.17	74.72	2.28	25.13	51.69	0.83	14.24	0.86	6.05	0.18	21.33	6.62	0.10
						gamma	1.16	0.17	77.89	2.24	24.80	54.99	0.85	14.68	0.86	6.07	0.16	21.77	6.61	0.08

								% diff	-1.86	-2.45	4.23	-1.82	-1.32	6.37	2.16	3.11	0.53	0.31	-13.09	2.07	-0.15	-15.68
JETT010/10-30	93	Vertosol	Vertisol	clay	A	ctrl	1.15	0.13	53.52	2.11	15.17	72.96	0.63	18.13	0.48	7.14	0.22	25.97	7.02	0.06		
						gamma	1.06	0.12	56.04	2.17	14.83	75.73	0.65	18.34	0.49	7.26	0.21	26.29	7.10	0.05		
						% diff	-8.10	-5.67	4.70	2.69	-2.24	3.80	3.28	1.16	2.29	1.61	-3.51	1.27	1.14	-7.98		
JETT010/120-150	94	Vertosol	Vertisol	clay	B22	ctrl	0.72	0.11	28.74	1.54	2.98	21.13	0.32	24.20	0.33	10.47	1.15	36.15	8.55	0.12		
						gamma	0.74	0.11	29.15	1.48	2.62	22.66	0.31	24.50	0.32	10.56	1.16	36.55	8.56	0.13		
						% diff	3.63	3.24	1.41	-3.92	-11.96	7.22	-2.78	1.24	-2.50	0.88	1.52	1.11	0.12	6.51		
JETT010/200	95					ctrl	0.47	0.09	14.52	1.38	2.85	20.57	0.25	21.82	0.33	9.25	1.09	32.49	8.50	0.12		
						gamma	0.46	0.09	17.16	1.37	2.87	22.22	0.23	22.05	0.33	9.32	1.08	32.78	8.47	0.13		
						% diff	-2.92	7.26	18.12	-1.16	0.90	8.02	-8.31	1.05	-0.90	0.73	-0.59	0.88	-0.35	7.59		
JETT010/300	96					ctrl	0.37	0.09	12.02	1.25	2.88	15.87	0.26	20.62	0.27	8.80	0.96	30.64	8.44	0.08		
						gamma	0.35	0.09	10.06	1.21	2.99	18.16	0.25	20.22	0.26	8.71	0.91	30.10	8.40	0.08		
						% diff	-6.12	-1.78	-16.29	-3.05	3.84	14.43	-1.43	-1.93	-3.55	-1.01	-4.46	-1.76	-0.47	4.96		
JETT010/30-60	97	Vertosol	Vertisol	clay	B2	ctrl	0.95	0.12	30.83	1.61	7.93	57.82	0.34	21.50	0.32	8.45	0.31	30.58	7.45	0.05		
						gamma	0.97	0.14	31.91	1.64	7.62	70.65	0.31	21.54	0.32	8.51	0.30	30.68	7.38	0.06		
						% diff	1.79	13.37	3.49	1.61	-3.81	22.19	-9.73	0.19	1.39	0.71	-4.09	0.30	-0.94	13.49		
JETT010/60-90	98	Vertosol	Vertisol	clay	B2	ctrl	0.90	0.13	34.53	1.35	4.21	40.33	0.26	22.60	0.28	9.36	0.61	32.85	8.33	0.07		
						gamma	0.86	0.12	36.31	1.48	4.28	38.14	0.29	22.97	0.27	9.43	0.61	33.28	8.24	0.08		
						% diff	-4.24	-8.18	5.16	9.15	1.80	-5.44	11.39	1.65	-2.68	0.80	-1.32	1.31	-1.08	14.18		
JETT010/90-120	99	Vertosol	Vertisol	clay	B2	ctrl	0.85	0.12	32.41	1.43	3.49	27.39	0.34	22.87	0.28	9.67	0.86	33.67	8.57	0.08		
						gamma	0.85	0.12	29.51	1.48	3.84	27.49	0.33	22.99	0.28	9.66	0.86	33.79	8.48	0.09		
						% diff	0.24	0.40	-8.95	3.42	9.90	0.37	-2.43	0.53	0.80	-0.05	0.46	0.36	-1.05	11.60		
LAPSKOV EM/001/3	100					ctrl	0.23	0.08	17.01	0.99	3.35	18.34	0.41	15.50	0.27	11.78	1.78	29.34	8.47	0.40		
						gamma	0.25	0.08	18.93	1.04	3.87	20.59	0.41	14.92	0.27	11.75	1.79	28.74	8.43	0.39		
						% diff	5.65	6.10	11.32	4.99	15.28	12.29	1.49	-3.75	-0.40	-0.24	0.67	-2.04	-0.47	-3.26		