

Supplementary Table S1. Effect of antiseptic and disinfectant agents at different concentrations on growth parameters of tomato seedlings infected by *Sclerotium rolfsii* at 35 DAP.

Treatments		Root length (cm plant ⁻¹)		Shoot length (cm plant ⁻¹)		Total length (cm plant ⁻¹)		Fresh weight (g)		Dry weight (g)	
Disinfectants	Concentrations	Means ± SE	%	Means ± SE	%	Means ± SE	%	Means ± SE	%	Means ± SE	%
Control infected soil	NA	2.1±0.06 ^h	0	14.6±0.50 ⁱ	0	16.7±0.56 ⁱ	0	1.84±0.07 ^f	0	0.11±0.004 ^g	0
Control sterilized soil	NA	3.8±0.08 ^{ab}	81	33.0±0.55 ^a	126	36.8±0.58 ^a	120	3.52±0.08 ^a	92	0.24±0.003 ^a	122
	125µl 100ml ⁻¹	2.4±0.08 ^g	14	22.3±0.61 ^f	53	24.7±0.68 ^f	48	2.37±0.05 ^d	29	0.16±0.004 ^{cd}	47
Phenol formulated (7%)	250µl 100ml ⁻¹	2.7±0.09 ^{ef}	29	24.6±0.60 ^e	68	27.3±0.69 ^{de}	63	2.63±0.06 ^c	43	0.17±0.003 ^c	58
	500µl 100ml ⁻¹	3.4±0.06 ^c	62	27.0±0.53 ^d	85	30.4±0.59 ^c	82	2.94±0.08 ^b	60	0.19±0.004 ^b	79
	1000µl 100ml ⁻¹	4.0±0.09 ^a	90	29.6±0.46 ^b	103	33.6±0.54 ^b	101	3.38±0.05 ^a	84	0.20±0.005 ^b	89
	125µl 100ml ⁻¹	2.8±0.06 ^e	33	26.2±0.56 ^{de}	79	29.0±0.61 ^{cd}	74	2.54±0.06 ^{cd}	38	0.16±0.004 ^c	55
Chloroxylenol (10%)	250µl 100ml ⁻¹	3.6±0.06 ^{bc}	71	28.7±0.65 ^{bc}	97	32.3±0.71 ^b	93	2.90±0.05 ^b	58	0.19±0.004 ^b	82
	500µl 100ml ⁻¹	2.5±0.09 ^{fg}	19	24.6±0.55 ^e	68	27.1±0.63 ^e	62	2.37±0.06 ^d	29	0.15±0.005 ^{de}	42
	125µl 100ml ⁻¹	2.5±0.08 ^{fg}	19	22.7±0.59 ^f	55	25.2±0.66 ^f	51	2.37±0.05 ^d	29	0.14±0.005 ^e	34
Phenic (10%)	250µl 100ml ⁻¹	2.4±0.07 ^g	14	20.0±0.50 ^g	37	22.4±0.57 ^g	34	2.17±0.05 ^e	18	0.12±0.003 ^f	15
	500µl 100ml ⁻¹	2.3±0.08 ^{gh}	10	17.3±0.54 ^h	18	19.6±0.61 ^h	17	1.97±0.07 ^f	7	0.11±0.005 ^{fg}	6
Atrio (80%)	2 g L ⁻¹	3.1±0.10 ^d	48	27.1±0.59 ^{cd}	86	30.2±0.67 ^c	81	3.03±0.05 ^b	65	0.19±0.004 ^b	81

The values showed in the table are means ± standard error, followed by different alphabetic letter/s are significantly different ($P < 0.05$) following Tukey's post-hoc test. Percent change (%) calculated based on control infected soil.

Supplementary Table S2. Effect of antiseptic and disinfectant agents at different concentrations on leaf pigments of tomato seedlings infected by *Sclerotium rolfii* at 35 DAP.

Treatments		Chlorophyll a (mg g ⁻¹ FW)		Chlorophyll b (mg g ⁻¹ FW)		Total Chlorophyll (mg g ⁻¹ FW)		Total Carotenoids (mg g ⁻¹ FW)	
Disinfectants	Concentrations	Means ± SE	%	Means ± SE	%	Means ± SE	%	Means ± SE	%
Control infected soil	NA	0.31±0.007 ^g	0	0.18±0.003 ^e	0	0.49±0.010 ^h	0	0.097±0.002 ^e	0
Control sterilized soil	NA	0.42±0.005 ^a	36	0.26±0.004 ^a	46	0.68±0.008 ^a	39	0.123±0.004 ^a	27
	125µl 100ml ⁻¹	0.34±0.008 ^{ef}	9	0.19±0.005 ^d	9	0.53±0.012 ^{fg}	9	0.103±0.004 ^{cde}	6
Phenol formulated (7%)	250µl 100ml ⁻¹	0.36±0.006 ^{de}	14	0.20±0.003 ^d	14	0.56±0.009 ^{ef}	14	0.107±0.004 ^{cd}	10
	500µl 100ml ⁻¹	0.39±0.007 ^c	26	0.23±0.005 ^{bc}	29	0.62±0.010 ^{cd}	27	0.118±0.004 ^{ab}	22
	1000µl 100ml ⁻¹	0.42±0.005 ^{ab}	34	0.24±0.004 ^b	36	0.66±0.009 ^{ab}	34	0.119±0.003 ^{ab}	23
	125µl 100ml ⁻¹	0.37±0.006 ^d	19	0.23±0.004 ^{bc}	28	0.60±0.009 ^d	22	0.117±0.003 ^{ab}	21
Chloroxylenol (10%)	250µl 100ml ⁻¹	0.39±0.007 ^c	25	0.23±0.005 ^{bc}	31	0.62±0.011 ^{cd}	27	0.111±0.003 ^{bc}	14
	500µl 100ml ⁻¹	0.36±0.006 ^d	16	0.20±0.005 ^d	14	0.56±0.010 ^{ef}	15	0.110±0.003 ^{bc}	13
	125µl 100ml ⁻¹	0.37±0.007 ^d	19	0.20±0.006 ^d	11	0.57±0.013 ^e	16	0.110±0.004 ^{bc}	13
Phenic (10%)	250µl 100ml ⁻¹	0.34±0.008 ^{ef}	9	0.22±0.006 ^c	25	0.56±0.013 ^{ef}	15	0.111±0.003 ^{bc}	14
	500µl 100ml ⁻¹	0.33±0.008 ^f	7	0.19±0.006 ^d	8	0.52±0.013 ^g	7	0.100±0.002 ^{de}	3
Atrio (80%)	2 g L ⁻¹	0.40±0.006 ^{bc}	29	0.24±0.003 ^b	34	0.64±0.009 ^{bc}	31	0.119±0.003 ^{ab}	23

The values showed in the table are means ± standard error, followed by different alphabetic letter/s are significantly different ($P < 0.05$) following Tukey's post-hoc test. Percent change (%) calculated based on control infected soil.

Supplementary Table S3. Effect of antiseptic and disinfectant agents at different concentrations on chemical constituents of tomato seedlings infected by *Sclerotium rolfsii* at 35 DAP.

Treatments		Total Protein (mg g ⁻¹ DW)		Total Carbohydrates (mg g ⁻¹ DW)		Proline (μmole g ⁻¹ DW)		Total Phenols (mg g ⁻¹ DW)	
Disinfectants	Concentrations	Means ± SE	%	Means ± SE	%	Means ± SE	%	Means ± SE	%
Control infected soil	NA	12.5±0.36 ^h	0	8.5±0.31 ^h	0	1.20±0.029 ^a	0	8.5±0.21 ^a	0
Control sterilized soil	NA	23.3±0.38 ^a	86	14.2±0.33 ^a	67	0.55±0.026 ^e	-54	2.8±0.18 ^f	-67
	125μl 100ml ⁻¹	16.3±0.31 ^f	30	10.2±0.36 ^g	20	0.71±0.032 ^{bc}	-41	6.1±0.17 ^b	-28
Phenol formulated (7%)	250μl 100ml ⁻¹	18.2±0.33 ^d	46	11.7±0.32 ^{de}	38	0.63±0.029 ^{cde}	-48	5.3±0.17 ^c	-38
	500μl 100ml ⁻¹	21.7±0.35 ^c	74	11.7±0.33 ^{de}	38	0.63±0.025 ^{cde}	-48	4.7±0.22 ^d	-45
	1000μl 100ml ⁻¹	22.8±0.42 ^{ab}	82	13.2±0.32 ^b	55	0.60±0.031 ^e	-50	3.1±0.18 ^f	-64
	125μl 100ml ⁻¹	15.1±0.32 ^g	21	11.2±0.33 ^{ef}	32	0.73±0.025 ^b	-39	6.3±0.15 ^b	-26
Chloroxylenol (10%)	250μl 100ml ⁻¹	18.2±0.42 ^d	46	12.5±0.36 ^{bcd}	47	0.71±0.035 ^{bc}	-41	5.1±0.18 ^{cd}	-40
	500μl 100ml ⁻¹	17.6±0.32 ^{de}	41	10.5±0.40 ^{fg}	24	0.73±0.031 ^b	-39	5.3±0.17 ^c	-38
	125μl 100ml ⁻¹	18.0±0.35 ^{de}	44	11.8±0.33 ^{cde}	39	0.77±0.035 ^b	-36	5.4±0.16 ^c	-37
Phenic (10%)	250μl 100ml ⁻¹	17.2±0.31 ^{def}	38	11.8±0.31 ^{cde}	39	0.71±0.032 ^{bc}	-41	6.2±0.18 ^b	-28
	500μl 100ml ⁻¹	17.1±0.32 ^{ef}	37	12.0±0.32 ^{cde}	41	0.70±0.029 ^{bcd}	-42	6.2±0.19 ^b	-27
Atrio (80%)	2 g L ⁻¹	21.8±0.31 ^{bc}	74	12.7±0.35 ^{bc}	49	0.62±0.026 ^{de}	-48	3.7±0.16 ^e	-57

The values showed in the table are means ± standard error, followed by different alphabetic letter/s are significantly different ($P < 0.05$) following Tukey's post-hoc test. Percent change (%) calculated based on control infected soil.