

697 **Table S1.** Back-transformed aphid loadings (No. root aphid g⁻¹) on roots of *L. perenne* infected
 698 with endophytes AR1, AR37 and CT, or endophyte-free (Nil) and treated (TR) or untreated (UN)
 699 with insecticide at different Sample times.
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Endophyte	Trt	Year 2			Year 3	
		Autumn ¹	Spring	Summer	Autumn A ²	Autumn B ³
AR1	UN	220.0	103.0	2.9	84.0	38.5
	TR	3.9	3.23	0.6	1.2	0.3
AR37	UN	4.4	13.3	0.7	3.6	1.1
	TR	3.0	3.2	0.9	0.8	0.3
CT	UN	36.5	33.0	7.6	25.3	7.7
	TR	4.6	3.4	0.5	1.4	0.2
Nil	UN	89.4	140.3	24.4	26.8	11.3
	TR	4.6	2.9	0.6	1.0	0.3
SED		66.84	30.19	1.13	25.70	9.33
P	UN	<0.001	<0.001	<0.001	<0.001	<0.001

701 ¹Autumn Year 2 = Sample 3; Spring Year 2 = Sample 4; Autumn Year 3 = Sample 6

702 ²Root outgrowth; ³Main plant roots in the inner bag

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