

**Supplementary Table S1.** Mixed-effects model using Poisson regression of TPP counts for eggs, nymphs, adults, and TPP infested leaves, including the individual effect of each treatment, time and their interactions.

	Count of TPP:			
	Eggs	Nymphs	Adults	Leaves
<i>Trichoderma</i>	-0.496 (1.076)	-0.791 (1.634)	-0.841 (0.777)	-0.344 (0.833)
<i>Engytatus</i>	-4.174*** (1.229)	-4.259** (1.857)	-3.201*** (0.851)	-2.834*** (0.996)
Combined	-4.304*** (1.175)	-9.270*** (2.069)	-4.070*** (0.864)	-2.886*** (0.988)
Days	0.066*** (0.001)	0.066*** (0.001)	0.077*** (0.002)	0.066*** (0.003)
<i>Trichoderma</i> *Days	0.0005 (0.002)	-0.006*** (0.001)	0.004 (0.003)	-0.001 (0.005)
<i>Engytatus</i> *Days	-0.034*** (0.003)	-0.055*** (0.003)	-0.024*** (0.006)	-0.021** (0.008)
Combined*Days	-0.009*** (0.003)	0.003 (0.003)	-0.012* (0.006)	-0.026*** (0.008)
Intercept	1.088 (1.296)	1.306 (1.961)	0.385 (0.879)	-0.794 (0.989)
Block Controls	YES	YES	YES	YES
Observations	252	252	252	252
Groups	28	28	28	28
SD of Random Intercepts	2.007	3.032	1.419	1.482
Log Likelihood	-3,883.646	-2,482.526	-1,245.393	-386.504
Akaike Inf. Crit.	7,797.292	4,995.052	2,520.787	803.008

Standard errors in parentheses; \*  $p < 0.10$ , \*\*  $p < 0.05$ , \*\*\*  $p < 0.01$ ; The Poisson coefficients are in the log of expected count scale. Exponentiating these coefficients will give incident rate ratios.

**Supplementary Table S2.** Tentative identification and quantification of compounds present in the headspace samples of tomato plants (ng x gDW<sup>-1</sup> x h<sup>-1</sup>). UIP= Uninfested plant, TRI = *Trichoderma atroviride*, TPP = tomato potato psyllid (*Bactericera cockerelli*), E= *Engytatus nicotianae* (predatory bug).

	UIP		TRI		TPP		TRI+TPP		TPP+E		TRI+TPP+E	
Compound ID and abbreviation	MEAN	SEM	MEAN	SEM	MEAN	SEM	MEAN	SEM	MEAN	SEM	MEAN	SEM
Hexanal (Hex)	0.027	0.013	0.023	0.018	0.019	0.007	0.026	0.019	0.029	0.006	0.015	0.004
Butyl acetate (BAc)	0.095	0.024	0.133	0.044	0.119	0.029	0.116	0.028	0.153	0.036	0.114	0.037
Heptanol (Hep)	0.048	0.017	0.052	0.015	0.030	0.014	0.045	0.013	0.023	0.011	0.032	0.007
$\alpha$ -Thujene (aThuj)	0.048	0.013	0.037	0.011	0.022	0.007	0.036	0.015	0.045	0.004	0.032	0.013
$\alpha$ -Pinene (aPin)	2.381	0.525	1.545	0.311	1.460	0.212	2.051	0.619	1.995	0.273	1.887	0.354
3,7,7-Trimethyl-1,3,5-cycloheptatriene (HepTri)	0.954	0.237	0.455	0.103	0.519	0.096	0.947	0.288	0.882	0.128	0.789	0.175
Sabinene (Sab)	0.114	0.023	0.083	0.015	0.098	0.016	0.110	0.034	0.103	0.012	0.105	0.019
$\beta$ -Pinene (bPin)	0.136	0.029	0.109	0.020	0.102	0.019	0.113	0.016	0.123	0.015	0.107	0.017
$\beta$ -Myrcene (bMyr)	0.207	0.056	0.207	0.048	0.134	0.039	0.260	0.116	0.143	0.032	0.191	0.058
2-Carene (X2car)	19.119	4.441	13.226	2.881	11.417	1.622	15.990	4.728	15.662	2.235	14.976	3.109
$\alpha$ -Phellandrene (aPhel)	2.706	0.634	1.776	0.385	1.648	0.240	2.360	0.722	2.258	0.348	2.141	0.444
3-Carene (X3car)	0.086	0.027	0.074	0.016	0.059	0.013	0.094	0.025	0.081	0.010	0.081	0.021
4-Carene (C4Car)	0.922	0.238	0.586	0.142	0.532	0.089	0.827	0.273	0.764	0.138	0.735	0.151
p-Cymene (pCym)	0.118	0.023	0.095	0.026	0.076	0.022	0.100	0.030	0.121	0.017	0.115	0.025
$\beta$ -Phellandrene (bPhel)	56.395	12.538	39.855	8.569	35.497	4.974	48.476	13.723	48.259	6.634	45.154	9.730
Terpinolene (Terp)	0.257	0.058	0.203	0.045	0.149	0.018	0.206	0.059	0.199	0.031	0.197	0.038
(Z)- $\beta$ -Ocimene (ZBOci)	0.107	0.044	0.071	0.019	0.041	0.019	0.089	0.044	0.049	0.016	0.061	0.027
$\gamma$ -Terpinene (gTerp)	0.160	0.054	0.144	0.047	0.071	0.020	0.121	0.036	0.112	0.026	0.182	0.053
4-Methyl-3-(1-methylethylidene)-1-cyclohexene (Cyclohex)	0.241	0.054	0.175	0.034	0.153	0.021	0.206	0.062	0.211	0.036	0.172	0.043
Undecane (Undec)	0.139	0.041	0.168	0.026	0.146	0.045	0.153	0.023	0.187	0.041	0.127	0.017
6-Isopropylidene-1-methylbicyclo[3.1.0]hexane (X6Iso)	0.103	0.021	0.085	0.025	0.054	0.019	0.103	0.032	0.087	0.011	0.049	0.015
Camphor (Camph)	0.038	0.016	0.028	0.011	0.020	0.020	0.049	0.018	0.035	0.012	0.019	0.009
(E)-3(10)-Caren-4-ol (Caren)	0.045	0.014	0.035	0.013	0.031	0.011	0.027	0.015	0.053	0.014	0.039	0.016

3,9-Epoxy-p-menth-1-ene (Menth)	0.070	0.020	0.071	0.025	0.054	0.021	0.078	0.026	0.087	0.012	0.049	0.015
Isothujol (Isothuj)	0.111	0.022	0.103	0.032	0.083	0.017	0.082	0.027	0.103	0.015	0.071	0.035
$\delta$ -Elemene (dElem)	0.267	0.080	0.239	0.065	0.211	0.036	0.270	0.092	0.255	0.042	0.261	0.114
Copaene (Cop)	0.048	0.009	0.063	0.014	0.045	0.011	0.071	0.017	0.053	0.011	0.059	0.015
$\beta$ -Elemene (bElem)	0.015	0.011	0.024	0.011	0.027	0.007	0.033	0.014	0.035	0.007	0.017	0.017
( <i>E</i> )- $\beta$ -Caryophyllene (EBCar)	1.330	0.432	1.100	0.275	1.078	0.066	1.371	0.419	1.370	0.279	1.256	0.460
Isodene (Isoled)	0.026	0.012	0.033	0.009	0.032	0.010	0.028	0.014	0.025	0.008	0.028	0.012
Humulene (Hum)	0.246	0.074	0.214	0.051	0.198	0.018	0.255	0.073	0.261	0.051	0.237	0.088
Germacrene D (GermD)	0.033	0.019	0.035	0.020	0.032	0.014	0.030	0.011	0.040	0.017	0.057	0.019
Fanesyl Cyanide (FarCya)	0.554	0.216	0.581	0.207	0.441	0.089	0.357	0.083	0.305	0.078	0.390	0.097
<b>Total</b>	<b>87.144</b>	<b>19.657</b>	<b>61.626</b>	<b>13.152</b>	<b>54.598</b>	<b>7.455</b>	<b>75.080</b>	<b>21.374</b>	<b>74.106</b>	<b>10.256</b>	<b>69.746</b>	<b>14.965</b>