

Supplementary Information

Tab. S1: beneficial arthropods introduced on participating farms shown separately for farms with *A. lycopersici* presence and those without.

Beneficial organism	<i>A. lycopersici</i> present (28 of 33 farms reported beneficials)	<i>A. lycopersici</i> absent (10 of 17 farms reported beneficials)	total frequency
<i>Encarsia formosa</i>	23	9	32
<i>Macrolophus pygmaeus</i>	18	3	21
<i>Eretmocerus sp.</i>	8	1	9
<i>Amblyoseius swirskii</i>	5		5
<i>Phytoseiulus persimilis</i>	3	1	4
Braconidae	1		1
<i>Amblyoseius cucumeris</i>	1		1
<i>Orius majusculus</i>	1		1
<i>Aphidius ervi</i>		3	3
<i>Amblyoseius barkeri</i>	1		1
<i>Amblyoseius californicus</i>	2		2
<i>Dacnusa sibirica</i>	1		1
<i>Steinernema feltiae</i>	1		1
<i>Aphidoletes aphidimyza</i>	2		2
<i>Aphidius colemani</i>	2	2	2

Tab. S2: Farms that provided specific information on strategies against *A. lycopersici* infestation.

FarmID	Detailed description of countermeasure
2	Sulphur treatment with vaporizer
3	First and strongest symptoms in the areas most exposed to sunlight
4	preventive predatory mites, after <i>A. lycopersici</i> infestation Sulphur treatments
21	removal of symptomatic leaves followed by acaricide treatments
40	After <i>A. lycopersici</i> infestation local treatments with abamectin, broad treatments with sulphur
8	After <i>A. lycopersici</i> infestation local but spacious treatment around symptomatic areas with Sulphur repeated three times with three to four days time between single treatments
12	Treatment with herbal mixtures
13	So far only local and late <i>A. lycopersici</i> infestations which were contained with removal of symptomatic plants
36	abamectin with high water volume, two to three treatments per infested nest
39	Removal of whole plants as soon as symptoms occur