

SUPPLEMENTAL TABLES AND FIGURES

Table S1: Diet Recipe. Ingredient amounts are for each diet and are listed used in order of addition. All ingredients were mixed with a Waring industrial blender. Xanthotoxin was added for experimental diets but not colony rearing.

<u>Ingredient</u>	<u>Amount</u>	<u>Source</u>
Soy Flour	12.5 g	Bio-Serv
Wheatgerm	37.5 g	Bio-Serv
Casein	25 g	Bio-Serv
Torula Yeast	31.25 g	Bio-Serv
Alfalfa meal	25 g	Bio-Serv
Ascorbic Acid	3 g	Bio-Serv
Sorbic Acid	1.5 g	Bio-Serv
Methyl Paraben	2.5 g	Sigma-Aldrich
Tetracycline	62.5 mg	Sigma-Aldrich
Xanthotoxin	0, 0.5, 1, 1.5, or 2 g	Sigma-Aldrich
Pinto Beans + Water (cooked)	62.5 g + 250 mL	
7.4% Formalin	10 mL	Mollinckrodt (Formaldehyde)
Raw Linseed Oil	6.75 mL	Sonyside
Agar (heated with water)	11.25 g + 500 mL	MoorAgar
Vitamin Mix	5 g	Bio-Serv

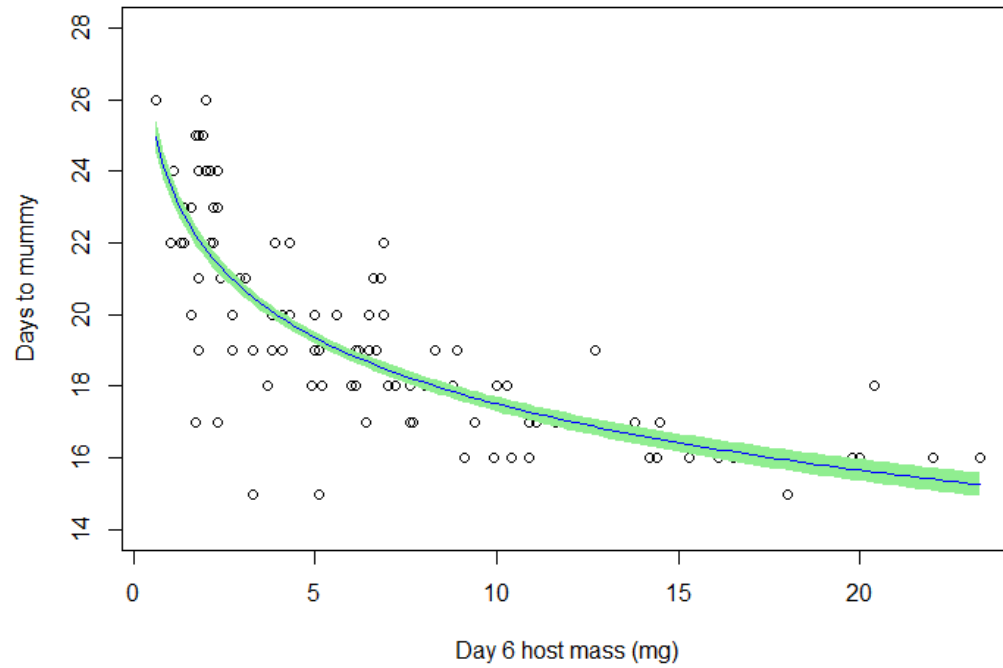


Figure S1. Relationship between host day six mass and parasitoid development time. Fit regression line represents development time as a logarithmic function of caterpillar mass at day six ($F_{1,38} = 78.26$, $p < 0.0001$, $R^2 = 0.673$).