

Table 1: Average bat passes per hour in different cropping systems with tree line (T) or without tree line (NT) detected using Pettersson D500x (Dx) or AR125 (AR) in study sites located within the 135 hectare Rodale Institute farm in Kutztown, PA, 2016.

Crop System	Dx - 1	Dx - 2	Dx - Mean	AR-1	AR-2	AR-Mean
-----Average Bat Passes Hour ⁻¹ -----						
CNV Grain T	38ab	83a	61a	53a	71a	58a
ORG Apple T	42a	22b	32b	32a	22b	32b
ORG Veg Mix NT	17abc	5b	11bc	24a	21b	17bc
ORG Grain T	12bc	14b	13bc	21a	14b	17bc
ORG Veg Insect NT	9bc	4b	6bc	19a	14b	13bc
CNV Grain NT	5bc	4b	5bc	14a	9b	8c
ORG Apple NT	5c	5b	9bc	19a	17b	6c
ORG Grain NT	4c	13b	7bc	6a	10b	7c
CNV Veg NT	2c	2b	2c	13a	8b	6c
CNV Apple NT	1c	2b	2c	6a	11b	4c
<i>P</i>	<i>0.10</i>	<i>0.0002</i>	<i>0.0036</i>	<i>0.19</i>	<i>0.0109</i>	<i>0.0006</i>

Means within a column followed by the same letter are not statistically significant (LSD; $\alpha = 0.05$)

Table 2: Comparison of mean bat passes per hour between conventional (CNV) and organic (ORG) cropping systems with or without tree lines detected using Pettersson D500x (Dx) or AR125 (AR) in study sites located within the 135 hectare Rodale Institute farm in Kutztown, PA, 2016.

Crop	Dx - 1	Dx - 2	Dx - Mean	AR-1	AR-2	AR-Mean
-----Average Bat Passes Hour ⁻¹ -----						
CNV Tree Line	38a	83a	61a	53a	71a	58a
ORG Tree Line	27a	18b	23b	26b	18b	24b
ORG No Tree Line	9b	6bc	8c	17bc	15b	11c
CNV No Tree Line	3b	2c	3c	11c	9b	6c
<i>P (System)</i>	<i>NS</i>	<i><0.0001</i>	<i>0.0167</i>	<i>0.17</i>	<i>0.0014</i>	<i>0.0096</i>
<i>P (Treatment)</i>	<i>0.0026</i>	<i><0.0001</i>	<i><0.0001</i>	<i>0.0019</i>	<i><0.0001</i>	<i><0.0001</i>
<i>P (Treatment*System)</i>	<i>NS</i>	<i><0.0001</i>	<i>0.0019</i>	<i>0.0373</i>	<i>0.0001</i>	<i>0.001</i>

Means within a column followed by the same letter are not statistically significant (LSD; $\alpha = 0.05$)