

Table 1. Percentage of participants completing each of three stages of Milestones 4 and 6.

No. of participants	% of original 27 chosen for participation	% of 22 participants who inoculated 100 logs	% of 18 participants who sold mushrooms
who Inoculated (23)	85		
who Sold (18)	66	82	
who Reported (15)	56	56	72

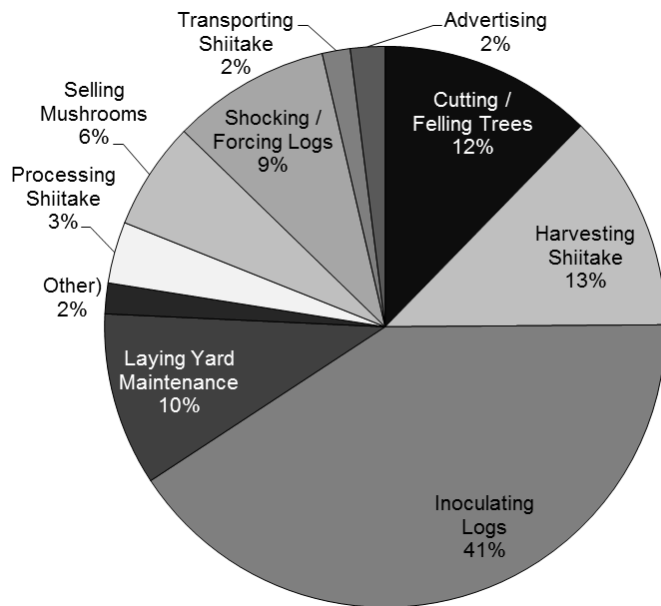


Figure 1. Pie chart visualizing the average portion of time that each participant devotes to each activity

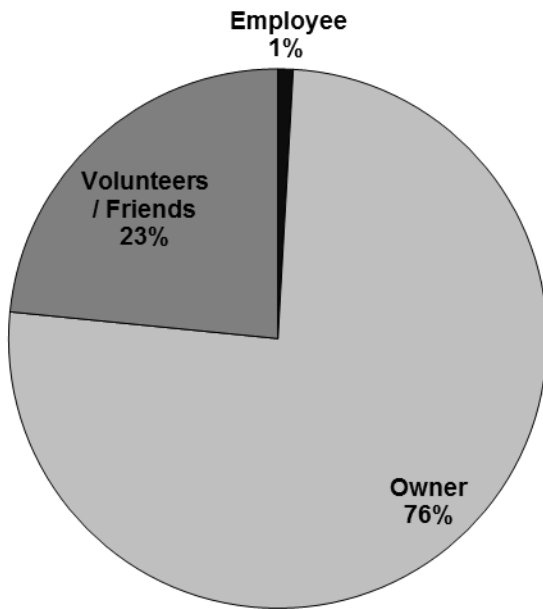


Figure 2. Pie chart visualizing the proportion of labor completed by employees, volunteers, and owners.

Table 2. Inputs (labor and expenses), shiitake mushroom production, earnings and profit on a per bolt basis for 22 project participants.

Participant	No. of Bolts	Total Hours per bolt <sup>1</sup>	Total Owner Hours per bolt <sup>1</sup>	Total Expenses per Bolt <sup>1,2</sup>	Annual Production per Bolt (lbs)	Annual Earnings per Bolt	Profit per Bolt <sup>**</sup>
1	100	0.74	0.53	\$1.28	-	\$0.79	(\$0.49)
2	100	1.10	0.50	\$0.91	1.01	\$11.94	\$11.03
3	100	1.88	1.72	\$4.73	2.04	\$19.61	\$14.89
4	132	1.36	0.99	\$5.93	1.69	\$7.33	\$1.39
5	140	0.61	0.05	\$6.62	0.64	\$7.01	\$0.39
6	100	2.00	0.02	\$7.10	1.42	\$14.73	\$7.63
7	100	0.62	0.58	\$3.00	0.46	\$5.60	\$2.60
8*	100	0.86	0.61	\$1.88	-	-	-
9	100	1.09	0.97	\$6.37	0.39	\$2.99	(\$3.38)
10*	100	0.73	0.67	\$6.02	0.66	\$4.84	(\$1.18)
11*	100	1.82	0.75	\$4.47	-	-	-
12	100	2.21	2.15	\$3.91	0.92	\$12.80	\$8.89
13	100	0.92	0.82	\$10.73	0.49	\$5.46	(\$5.27)
14*	100	0.63	0.59	\$1.63	-	-	-
15*	100	0.31	0.31	\$29.87	0.23	-	-
16 <sup>3</sup>	100	0.30	0.30	\$0.99	-	\$4.37	\$3.38
17	100	0.47	0.26	\$4.57	0.44	\$1.94	(\$2.63)
18	120	1.02	0.90	\$5.20	1.57	\$18.87	\$13.67
19	100	0.82	0.66	\$2.91	1.30	\$21.79	\$18.88
20*	100	0.91	0.82	\$2.51	-	-	-
21*	100	0.62	0.59	\$10.49	-	-	-
22*	100	0.57	0.57	\$1.61	-	-	-
Average	102.86	1.12	0.77	\$4.74	1.06	\$9.89	\$5.15
Standard Deviation	10.69	0.61	0.61	\$2.83	0.67	\$6.87	\$7.47
Totals***	2312	2231	1574	\$12,746.00	--	\$14,609.00*	

\* Participants did not submit harvest or sales data. Their incomplete data was not used in the calculations of average and total earnings or profit.

\*\* Numbers in parentheses denote losses.

\*\*\* Sum of all the information provided by participants. Not calculated on a per-bolt basis.

<sup>1</sup> Values were calculated excluding any labor or expenses incurred felling trees or inoculating logs in 2012.

<sup>2</sup> Values includes both the expenses incurred on durable and non-durable goods as well as expenses on associated employee labor

<sup>3</sup> All logs fruited as a result of heavy rain

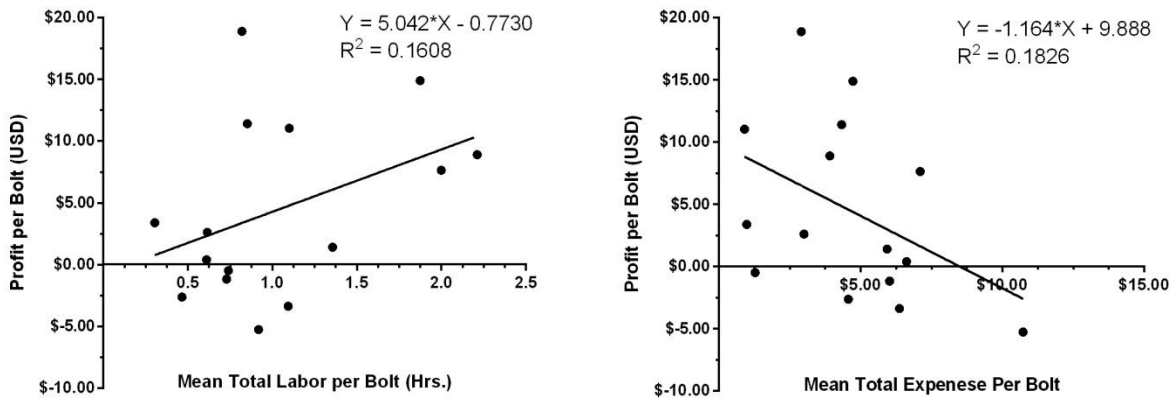


Figure 3. (A) Correlation between the mean number of hours each participant invested per bolt and the mean profit generated per bolt. The relationship is not significantly non-zero ( $p < 0.1386$ ). (B) Correlation between the total expenses each participant invested per bolt and the mean profit generated per bolt. The relationship is not significantly non-zero ( $p < 0.1121$ ).

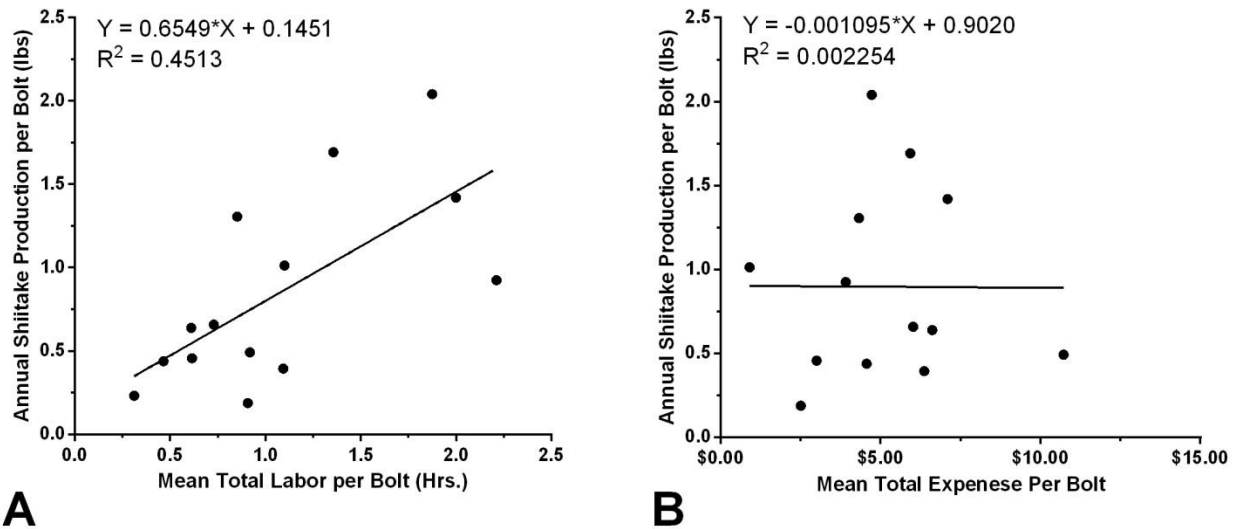
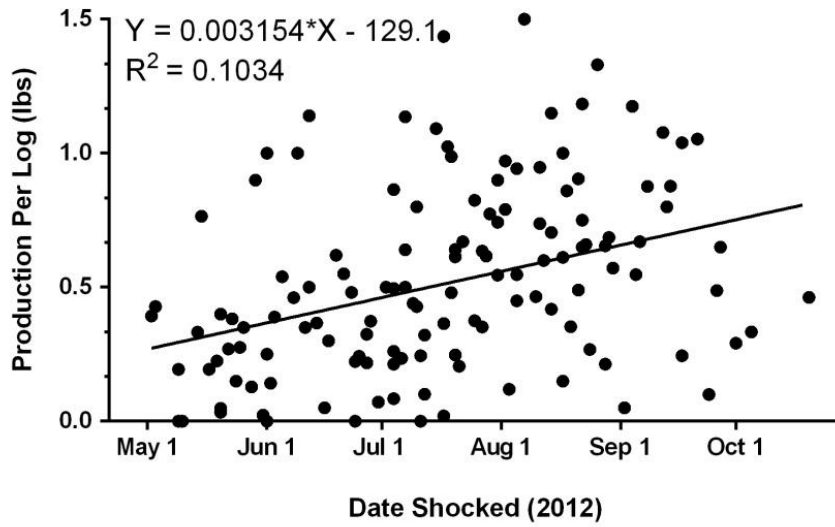
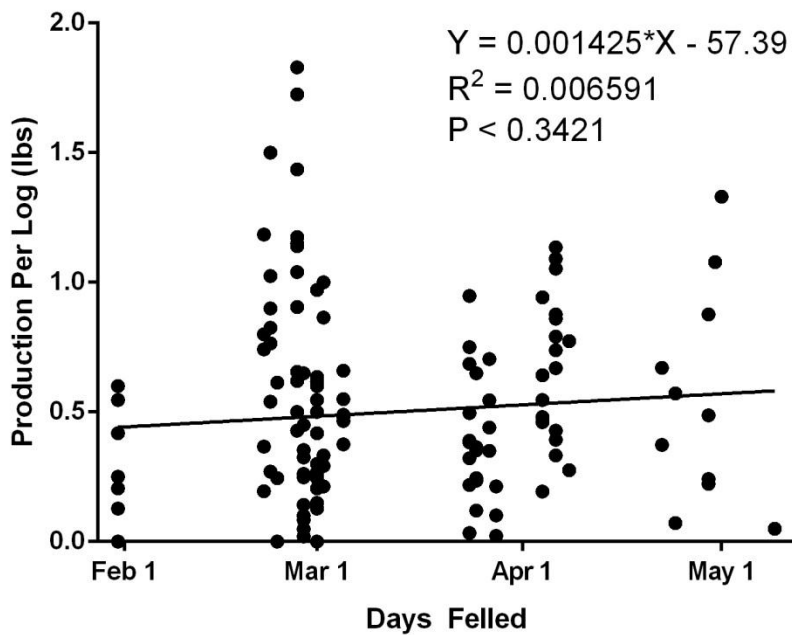


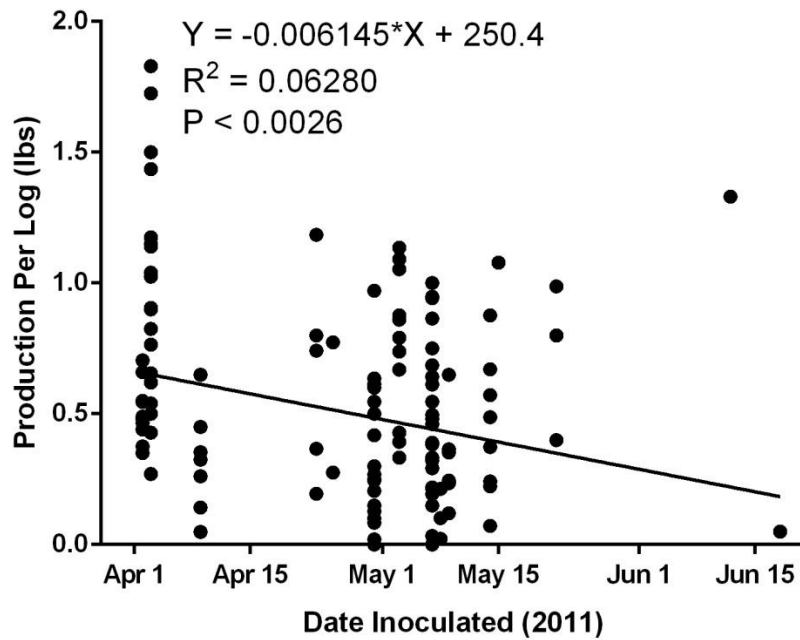
Figure 4. (A) Correlation between the mean number of hours each participant invested per bolt and the annual production of shiitake mushroom per bolt. The relationship is significantly non-zero ( $p < 0.0085$ ). (B) Correlation between the total expenses each participant invested per bolt and the annual production of shiitake mushroom per bolt. The relationship is not significantly non-zero ( $p < 0.9877$ ).



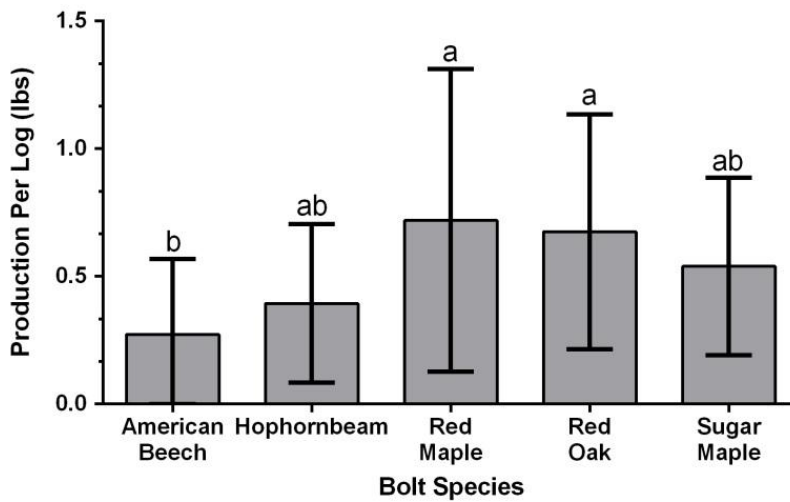
**Figure 5.** Correlation between time of year the logs were shocked and the average shiitake mushroom production per log. Relationship is significantly non-zero ( $F=17.42$ ;  $p < 0.0001$ ).



**Figure 6.** Correlation between the time of year trees were felled and the average shiitake mushroom production per log. Relationship is not significantly non-zero ( $F=0.9090$ ;  $p < 0.3421$ ).



**Figure 7.** Correlation between the date logs were inoculated and the between felling and the average shiitake mushroom production per log. Relationship is significantly non-zero ( $F=9.391$ ;  $p < 0.0026$ ).



**Figure 8.** Plot of mean shiitake mushroom production per log using different species of trees. Error bars represent one standard deviation from the mean. Letters show significant differences to the Tukey test ( $P < 0.05$ ).

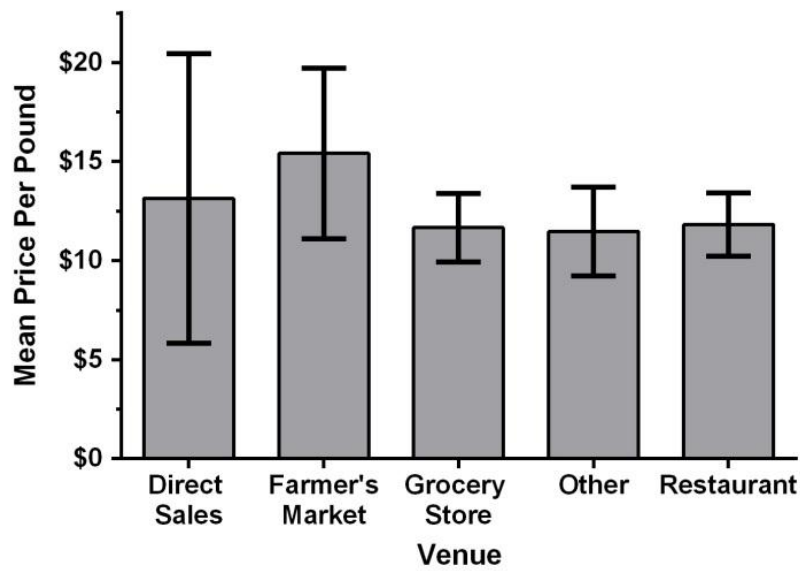


Figure 9. Effect of Sales Venue on sale price of fresh shiitake mushrooms.

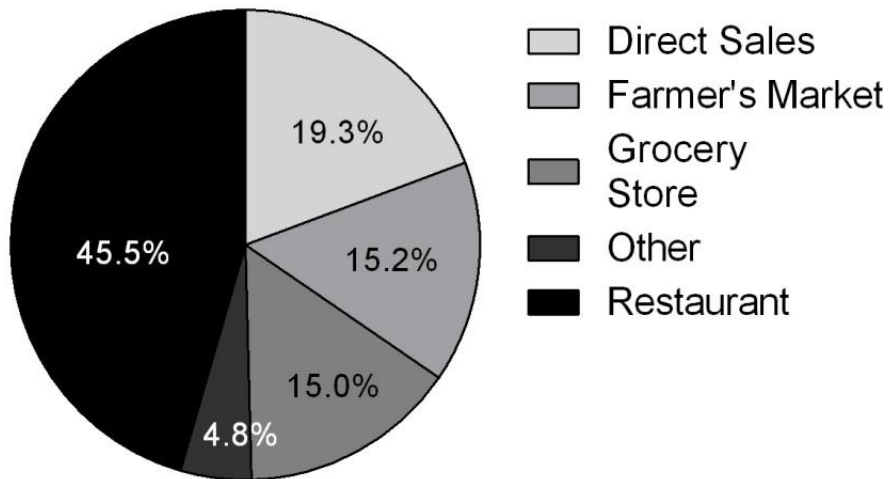


Figure 10. Proportion of sales of fresh shiitake mushroom among different venues.