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SEARCH

# QuickCalcs

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## Paired *t* test results

**P value and statistical significance:**  
 The two-tailed P value equals 0.1723  
 By conventional criteria, this difference is considered to be not statistically significant.

**Confidence interval:**  
 The mean of BIOCHAR potato, Crooked Door minus CONTROL potato, Crooked Door equals -2.1100  
 95% confidence interval of this difference: From -5.8721 to 1.6521

**Intermediate values used in calculations:**  
 $t = 1.7849$   
 $df = 3$   
 standard error of difference = 1.182

**Learn more:**  
 GraphPad's web site includes portions of the manual for GraphPad Prism that can help you learn statistics. First, review the meaning of [P values](#) and [confidence intervals](#). Then learn how to interpret results from an [unpaired](#) or [paired](#) *t* test. These links include GraphPad's popular *analysis checklists*.

**Review your data:**

Group	BIOCHAR potato, Crooked Door	CONTROL potato, Crooked Door
Mean	5.9125	8.0225
SD	2.6509	4.6670
SEM	1.3255	2.3335
N	4	4



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