

QuickCalcs

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Paired *t* test results

P value and statistical significance:

The two-tailed P value equals 0.5499

By conventional criteria, this difference is considered to be not statistically significant.

Confidence interval:

The mean of BIOCHAR spinach, Crooked Door minus CONTROL spinach, Crooked Door equals -3.400

95% confidence interval of this difference: From -19.511 to 12.711

Intermediate values used in calculations:

$t = 0.6716$

$df = 3$

standard error of difference = 5.062

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 spinach, Crooked Door	CONTROL spinach, Crooked Door
Mean	25.800	29.200
SD	3.352	12.428
SEM	1.676	6.214
N	4	4



GraphPad Prism

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