

# Supplementary Materials: Interactive Effects of [CO<sub>2</sub>] and Temperature on Plant Chemistry of Transgenic *Bt* Rice and Population Dynamic of a Non-Target Planthopper, *Nilaparvata lugens* (Stål) under Different Levels of Soil Nitrogen

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**Table S1.** Pearson correlation analysis of *Bt*-toxin content (ng/mg) with N% and C:N ratio in leaf sheath and leaf of *Bt* rice (cv. HH1) grown under various CO<sub>2</sub> and temperature (T) combinations with low- and high-N fertilizer in open-top chambers (*R*<sup>2</sup>/*p* values).

Rice stage	Fertilizer-N level	Treatment	Leaf Sheath		Leaf	
			N (%)	C:N Ratio	N (%)	C:N ratio
Tillering	Low N	CK	-0.124	-0.241	-0.387	0.384
		<i>e</i> Temp	1.000 **	-0.999 *	-0.194	-0.391
		<i>e</i> CO <sub>2</sub>	-0.853	-0.307	-0.178	0.075
		Combined	-0.304	-0.701	-0.883	0.883
	High N	CK	0.619	0.590	-1.000 **	0.993
		<i>e</i> Temp	0.994	-0.981	0.227	-0.286
		<i>e</i> CO <sub>2</sub>	0.983	-0.966	-0.888	0.888
		Combined	0.270	-0.270	-0.326	0.270
Heading	Low N	CK	-0.711	0.585	0.998 *	-0.993
		<i>e</i> Temp	-0.791	0.798	-0.830	0.839
		<i>e</i> CO <sub>2</sub>	0.680	-0.796	-0.400	-0.348
		Combined	0.839	-0.835	0.988	-0.988
	High N	CK	-0.167	-0.008	-0.511	0.389
		<i>e</i> Temp	-0.952	0.938	0.718	-0.870
		<i>e</i> CO <sub>2</sub>	0.906	-0.912	-0.928	0.982
		Combined	-0.956	0.953	0.988	-0.993

Note: \* *p* < 0.05; \*\* *p* < 0.01.