

Table S6: Two-way ANOVA analysis for yield per plant under fertilizer treatments (Alpha 0.05).

Source of Variation	% of total variation	<i>p</i> value	<i>p</i> value summary	Significant?	
Interaction	0.6977	< 0.0001	****	Yes	
Row Factor	93.76	< 0.0001	****	Yes	
Column Factor	4.706	< 0.0001	****	Yes	
ANOVA table	SS	DF	MS	F (DFn, DFd)	<i>p</i> value
Interaction	267.1	17	15.71	F (17, 72) = 3.535	<i>p</i> < 0.0001
Row Factor	35893	17	2111	F (17, 72) = 475.1	<i>p</i> < 0.0001
Column Factor	1802	1	1802	F (1, 72) = 405.4	<i>p</i> < 0.0001
Residual	320.0	72	4.444		
Difference between column means					
Mean of Fertilizer 1	50.10				
Mean of Fertilizer 2	58.27				
Difference between means	-8.169				
SE of difference	0.4057				
95% CI of difference	-8.977 to -7.360				