Supplementary Table S2. ANOVA table for all the growth, and yield attributes

Source	DF	Sum of Squares	F Ratio	Prob > F
Plant height (cm)				
Variety	3	4498.41	31.21	<.0001
Treatment	1	522.66	10.87	0.0045
Variety*Treatment	3	219.13	1.52	0.2475
Number of tillers/hill				
Variety	3	48.38	6.75	0.0037
Treatment	1	4.86	2.03	0.1729
Variety*Treatment	3	11.50	1.61	0.2275
Number of effective tillers/hill				
Variety	3	35.22	4.58	0.0169
Treatment	1	4.00	1.56	0.2296
Variety*Treatment	3	11.42	1.48	0.2567
SPAD				
Variety	3	282.23	13.71	0.0001
Treatment	1	248.39	36.21	<.0001
Variety*Treatment	3	151.63	7.37	0.0026
Days to 50% flowering (DAT)				
Variety	3	205.55	49.23	<.0001
Treatment	1	120.60	86.66	<.0001
Variety*Treatment	3	53.33	12.77	0.0002
Days to harvesting (DAT)				
Variety	3	212	113.07	<.0001
Treatment	1	37.50	60	<.0001
Variety*Treatment	3	0.50	0.27	0.8484
Panicle length (cm)				
Variety	3	2.51	1.11	0.3748
Treatment	1	0.04	0.06	0.8156
Variety*Treatment	3	1.07	0.47	0.7076
Number of spikelets/panicle				
Variety	3	11205.41	43.63	<.0001
Treatment	1	98.42	1.15	0.2995
Variety*Treatment	3	1603.38	6.24	0.0052
Number of filled grains/panicle				
Variety	3	8362.53	36.53	<.0001
Treatment	1	23.21	0.30	0.5889
Variety*Treatment	3	1304.39	5.70	0.0075

Table S2: Continued

Source	DF	Sum of Squares	F Ratio	Prob > F
Number of unfilled grains/panicle				
Variety	3	249.99	9.83	0.0006
Treatment	1	26.04	3.07	0.0987
Variety*Treatment	3	94.49	3.72	0.0335
1000-grain weight (g)				
Variety	3	9.11	2.96	0.0638
Treatment	1	3.10	3.02	0.1015
Variety*Treatment	3	5.57	1.81	0.1859
Grain yield (t/ha)				
Variety	3	9.08	20.26	<.0001
Treatment	1	1.04	6.97	0.0178
Variety*Treatment	3	0.24	0.52	0.6718
Straw yield (t/ha)				
Variety	3	38.66	98.26	<.0001
Treatment	1	7.21	54.94	<.0001
Variety*Treatment	3	4.57	11.60	0.0003
Harvest index (%)				
Variety	3	1521.90	134.97	<.0001
Treatment	1	53.19	14.15	0.0017
Variety*Treatment	3	116.58	10.34	0.0005
Nitrogen content in grains (%)				
Variety	3	0.228	12.796	0.0002
Treatment	1	0.056	9.421	0.0073
Variety*Treatment	3	0.028	1.580	0.2331
Nitrogen content in shoots (%)				
Variety	3	0.075	1.937	0.1643
Treatment	1	0.001	0.115	0.7385
Variety*Treatment	3	0.129	3.310	0.047