

Table S1: ANOVA table for S content in root.

2018-19						
Source	DF	SS	MS	F	p-value	
REPLICATIONS	2	0	0	1.08	0.357	NS
A	3	0.01	0	12.29	0	** 1%
B	2	0	0	8.88	0.001	** 1%
AB	6	0	0	0.39	0.874	NS
ERROR	22	0.01	0			
2019-20						
REPLICATIONS	2	0	0	1.14	0.337	NS
A	3	0.01	0	8.19	0.001	** 1%
B	2	0	0	5.04	0.016	* 5%
AB	6	0	0	0.24	0.959	NS
ERROR	22	0.01	0			
Pooled						
REPLICATIONS	2	0	0	1.82	0.185	NS
A	3	0.01	0	21.08	0	** 1%
B	2	0	0	14.22	0	** 1%
AB	6	0	0	0.53	0.781	NS
ERROR	22	0	0			

NS: non-significant

Table S2: ANOVA table for S content in grain.

2018-19						
Source	DF	SS	MS	F	p-value	
REPLICATIONS	2	0	0	1.2	0.321	NS
A	3	0.03	0.01	30.4	0	** 1%
B	2	0.02	0.01	26.29	0	** 1%
AB	6	0	0	0.37	0.887	NS
ERROR	22	0.01	0			
2019-20						
REPLICATIONS	2	0.01	0	3.94	0.035	* 5%
A	3	0.05	0.02	16.4	0	** 1%
B	2	0.03	0.01	12.47	0	** 1%
AB	6	0	0	0.52	0.787	NS
ERROR	22	0.02	0			
Pooled						
REPLICATIONS	2	0	0	4.66	0.021	* 5%
A	3	0.04	0.01	34.26	0	** 1%
B	2	0.02	0.01	27.93	0	** 1%
AB	6	0	0	0.42	0.857	NS
ERROR	22	0.01	0			

NS: non-significant

Table S3: ANOVA table for S content in stover.

2018-19						
Source	DF	SS	MS	F	p-value	
REPLICATIONS	2	0	0	0.31	0.74	NS
A	3	0.02	0.01	23.67	0	** 1%
B	2	0.01	0.01	21.62	0	** 1%
AB	6	0	0	0.1	0.995	NS
ERROR	22	0.01	0			
2019-20						
REPLICATIONS	2	0	0	4.53	0.023	* 5%
A	3	0.02	0.01	17.87	0	** 1%
B	2	0.01	0.01	20.06	0	** 1%
AB	6	0	0	0.26	0.949	NS
ERROR	22	0.01	0			
Pooled						
REPLICATIONS	2	0	0	1.42	0.263	NS
A	3	0.02	0.01	33.43	0	** 1%
B	2	0.01	0.01	33.79	0	** 1%
AB	6	0	0	0.14	0.989	NS
ERROR	22	0	0			

NS: non-significant

Table S4: ANOVA table for Agronomic Use Efficiency.

2018-19						
Source	DF	SS		MS	F	p-value
REPLICATIONS	2	95.32	47.66	6.08	0.008	** 1%
A	3	460.46	153.49	19.58	0	** 1%
B	2	7.68	3.84	0.49	0.619	NS
AB	6	4.59	0.76	0.1	0.996	NS
ERROR	22	172.42	7.84			
2019-20						
REPLICATIONS	2	21.71	10.85	2.1	0.146	NS
A	3	279.99	93.33	18.06	0	** 1%
B	2	8.28	4.14	0.8	0.462	NS
AB	6	7.88	1.31	0.25	0.952	NS
ERROR	22	113.71	5.17			
Pooled						
REPLICATIONS	2	45.07	22.53	5.2	0.014	* 5%
A	3	364.22	121.41	28.01	0	** 1%
B	2	7.87	3.93	0.91	0.418	NS
AB	6	3.96	0.66	0.15	0.987	NS
ERROR	22	95.36	4.33			

NS: non-significant

Table S5: ANOVA table for Apparent Recovery Efficiency.

2018-19						
Source	DF	SS	MS	F	p-value	
REPLICATIONS	2	46.11	23.05	1.9	0.173	NS
A	3	1913.86	637.95	52.64	0	** 1%
B	2	207.33	103.66	8.55	0.002	** 1%
AB	6	87.25	14.54	1.2	0.343	NS
ERROR	22	266.61	12.12			
2019-20						
REPLICATIONS	2	99.21	49.6	2.25	0.13	NS
A	3	2624.07	874.69	39.6	0	** 1%
B	2	125.31	62.66	2.84	0.08	NS
AB	6	73.68	12.28	0.56	0.76	NS
ERROR	22	485.9	22.09			
Pooled						
REPLICATIONS	2	20.61	10.31	0.94	0.406	NS
A	3	2251.88	750.63	68.38	0	** 1%
B	2	150.69	75.35	6.86	0.005	** 1%
AB	6	71.42	11.9	1.08	0.402	NS
ERROR	22	241.49	10.98			

NS: non-significant

Table S6: ANOVA table for Physiological Use Efficiency.

2018-19						
Source	DF	SS	MS	F	p-value	
REPLICATIONS	2	1215.84	607.92	1.14	0.338	NS
A	3	19946.4	6648.79	12.46	0	** 1%
B	2	386.99	193.5	0.36	0.7	NS
AB	6	677.27	112.88	0.21	0.969	NS
ERROR	22	11738.9	533.58			
2019-20						
REPLICATIONS	2	455.22	227.61	0.39	0.682	NS
A	3	13531.1	4510.35	7.72	0.001	** 1%
B	2	165.52	82.76	0.14	0.869	NS
AB	6	700.08	116.68	0.2	0.973	NS
ERROR	22	12855	584.32			
Pooled						
REPLICATIONS	2	167.5	83.75	0.71	0.504	NS
A	3	8556.92	2852.31	24.08	0	** 1%
B	2	124.6	62.3	0.53	0.598	NS
AB	6	162.56	27.09	0.23	0.963	NS
ERROR	22	2605.73	118.44			

NS: non-significant