

Table S6 Component matrix among traits under TE

	Prin1	Prin2	Prin3	Prin4	Prin5	Prin6
Plant height (cm)	0.33315	0.01513	-0.13953	-0.12931	0.18418	-0.03159
Internode number	0.26274	0.26494	-0.29688	-0.10603	0.1994	0.17341
Internode length (cm)	0.30508	-0.07076	0.12092	0.08594	0.25913	-0.57598
Stem diameter (mm)	-0.05777	-0.07392	-0.49015	0.62168	-0.51569	-0.09572
Flag leaf width (mm)	-0.19998	0.28538	0.4191	0.18891	-0.05657	0.11593
Flag leaf length (cm)	0.252	-0.26092	0.31961	0.23514	0.01763	0.13169
Width of top second leaf (mm)	-0.13397	0.34678	0.41772	0.36748	-0.01619	-0.04342
Length of top second leaf (cm)	0.32666	-0.14877	0.00949	0.13711	-0.06179	-0.21293
The number of fertile tillers·m ⁻²	0.19906	0.48137	0.05816	-0.00114	-0.04988	0.10796
The number of fertile tillers·m ⁻²	0.32989	-0.09715	0.13791	0.09136	-0.14691	-0.17935
Florets per spikelet	-0.21089	0.19088	-0.29803	0.43159	0.66703	-0.12227
Seed setting rate (%)	0.23287	0.36971	-0.24868	-0.0703	-0.15915	0.21542
1000-grain weight (g)	0.20774	-0.36636	0.05108	0.30569	0.25461	0.66256
Actual seed yield (kg·hm ⁻²)	0.32234	0.20322	0.05059	0.04823	-0.15707	0.07016
Theoretical seed yield (kg·hm ⁻²)	0.31812	0.19341	0.08324	0.19495	0.04252	-0.03031