

Table S4 Component matrix among traits under CCC

	Prin1	Prin2	Prin3	Prin4	Prin5	Prin6
Plant height (cm)	0.38561	0.31542	0.10235	0.10025	0.45211	0.21255
Internode number	-0.30414	0.20429	-0.03337	0.00981	-0.05846	-0.03473
Internode length (cm)	0.31757	0.03972	0.05726	-0.17375	-0.07512	-0.05796
Stem diameter (mm)	0.14548	0.49595	-0.15705	0.02191	-0.0882	0.29607
Flag leaf width (mm)	-0.28329	0.1618	-0.00698	-0.02265	0.6508	0.17821
Flag leaf length (cm)	0.20071	0.34848	0.36597	0.30146	-0.13414	-0.14527
Width of top second leaf (mm)	-0.28439	0.23719	-0.16818	0.07857	-0.11733	0.29235
Length of top second leaf (cm)	0.28317	-0.05909	0.37071	0.16035	0.00906	-0.14305
The number of fertile tillers·m ⁻²	0.29633	0.1681	-0.20845	-0.04434	-0.13805	0.25907
The number of fertile tillers·m ⁻²	0.24956	0.05473	-0.28922	0.66705	0.48101	-0.15154
Florets per spikelet	0.13471	-0.47497	0.18333	-0.04085	0.24938	0.61168
Seed setting rate (%)	0.23248	0.26717	-0.09977	-0.61742	0.42397	-0.3052
1000-grain weight (g)	-0.03197	0.3165	0.67604	-0.03789	0.16144	0.2205
Actual seed yield (kg·hm ⁻²)	0.31682	0.0142	-0.15414	-0.11062	-0.06413	0.20635
Theoretical seed yield (kg·hm ⁻²)	0.30516	0.15624	-0.13595	0.0242	-0.03405	0.29816