

Table 1 The Phenotypic performance of DH population and their parental lines

Traits of leaf sheath	Parents		DH population				
	CJ06	TN <sub>1</sub>	Mean±SD	CV (%)	Range	Skewness	Kurtosis
Length of 1 <sup>st</sup> sheath from top (cm)	35.40±0.46	30.900±1.62	25.260±4.17	16.53	15.4–36.9	-0.16	-0.01
Length of 2 <sup>nd</sup> sheath from top (cm)	27.50±0.29	20.200±0.90	20.510±3.09	15.08	13.5–34.7	0.55	1.11
Length of 3 <sup>rd</sup> sheath from top (cm)	25.10±0.21	17.600±0.80	19.600±3.21	16.77	11.0–28.4	0.46	-0.17
Dry weight of 1 <sup>st</sup> sheath from top (g)	0.398±0.02	0.287±0.00	0.242±0.085	35.05	0.091–0.529	0.604	-0.14
Dry weight of 2 <sup>nd</sup> sheath to top (g)	0.343±0.01	0.190±0.04	0.222±0.096	42.99	0.078–0.673	0.987	1.237
Dry weight of 3 <sup>rd</sup> sheath from top (g)	0.316±0.01	0.151±0.03	0.182±0.09	48.62	0.05–0.504	1.05	1.21
Thickness of 1 <sup>st</sup> sheath from top (mg/cm)	12.60±0.65	8.600±2.30	9.500±2.72	24.25	3.99–17.8	0.497	-0.269
Thickness of 2 <sup>nd</sup> sheath from top (mg/cm)	12.50±0.38	9.400±1.70	10.540±3.44	29.43	3.90–20.93	0.583	-0.559
Thickness of 3 <sup>rd</sup> sheath from top (mg/cm)	11.30±0.25	9.300±1.24	9.200±3.53	34.11	2.55–23.33	0.908	0.959