

Table 1 Performance of agronomic traits of introgression lines at the two sites

Characters	Xundian		Yiliang		t value
	Mean±SE	Var	Mean±SE	Var	
SPAD value	45.32±0.04	2.81	39.53±0.05	6.03	96.196**
CK	45.41±0.20	5.79	39.56±0.20	7.47	19.237**
Tiller number	4.74±0.02	0.98	10.00±0.03	2.47	140.812**
CK	4.40±0.12	1.94	10.33±0.12	8.2	19.692**
Effective panicle number	4.42±0.02	0.51	7.21±0.03	1.48	96.598**
CK	3.71±0.13	2.35	7.42±0.13	5.29	12.074**
Plant height	82.31±0.11	25.55	107.58±0.16	50.67	176.58**
CK	78.86±0.45	29.24	104.73±0.50	37.19	37.243**
Panicle length	21.75±0.05	5.5	22.47±0.18	65.18	3.96**
CK	22.12±0.22	7.19	21.68±0.16	3.52	1.732
Panicle neck length	2.65±0.07	11.1	6.25±0.04	1.8	46.47**
CK	2.82±0.18	0.99	6.52±0.15	0.41	14.93**
Grains per spike	122.00±0.48	477.24	134.35±0.49	488.09	20.246**
CK	122.00±2.41	845.69	134.35±2.13	660.89	3.028**
Seed setting rate	84.57±0.002	0.01	89.18±0.002	0.09	21.30**
CK	90.08±0.004	0.01	95.17±0.001	0.01	3.74**