

Table 2 Comparison of agronomic traits of the different lines under field conditions (Wuhan 2009, China)

Names	Plant height (cm)	Heading stages (d)	Tillers/plant	Grains/Plant	1000 grain weight (g)	Yield/plant (g)	Spikelet fertility (%)	Grains/Tillers
Fuhui838 (Control)	109.0±1.5	94	9	612.2±145.9	35.0±0.6	21.5±5.3	71.8±3.0	67.3±9.7
LX83 (Fuhui838/1C*)	110.5±1.3	92	9	796.3±143.2*	34.4±1.0	27.2±4.1*	72.4±12.1	88.8±16.5*
LX124 (Fuhui838/2A*)	107.3±1.2	94	9	627.8±52.5	36.3±1.7	22.2±2.8	71.0±5.0	69.9±5.4
LX111 (Fuhui838/1Ac)	112.7±1.1	95	9	679.3±106.7	35.0±0.5	23.8±4.0	65.1±0.4	74.8±15.1
9311 (Control)	115.1±1.4	97	10	1255.5±229.8	28.1±0.9	35.2±5.3	74.4±3.5	135.3±40
LX7 (9311/1C*)	113.3±1.5	98	9	1370.0±180.5	30.7±0.7	42.0±5.1	84.7±3.8	152.7±19.9
LX64 (9311/2A*)	115.7±1.9	96	10	1260.0±311.5	29.0±0.9	36.4±8.1	85.6±5.7	128.2±19.6
LX21 (9311/1Ac*)	114.6±1.0	98	8	1176.0±224.3	28.7±1.9	34.0±8.5	86.1±4.1	147.8±10.7

Note: * means 0.05 probability level, ** means 0.01 probability level