

表 5 叶面喷施不同浓度硅肥对玉米产量构成因素的影响

Table 5 Effect of different concentrations of silicon fertilizer on maize yield composition factors

年份 Year	处理 Treatments	有效穗数(ears/hm ²) Effective ear number (ears/hm ²)	百粒重(g) 100-grains weight (g)	行粒数 Kernel number per row	穗行数 Row umber per ear	穗粒数 Kernel per spike	产量 (kg/hm ²) Yield (kg/hm ²)
2017	LCK	66 923.07 ^a	27.76 ^c	35.13 ^b	16.10 ^a	565.68 ^a	9192.21 ^c
	LS1	66 667.67 ^a	28.73 ^{bc}	35.30 ^b	15.67 ^a	552.99 ^a	9536.30 ^c
	LS2	67 692.31 ^a	29.51 ^{ab}	37.60 ^a	15.60 ^a	586.56 ^a	10868.97 ^b
	LS3	67 820.50 ^a	30.47 ^a	36.85 ^{ab}	15.53 ^a	572.40 ^a	11485.68 ^a
	LS4	68 076.92 ^a	28.49 ^{bc}	36.30 ^{ab}	15.70 ^a	569.65 ^a	10658.79 ^b
2018	LCK	65134.62 ^a	29.65 ^b	30.17 ^a	16.33 ^a	492.47 ^a	9681.84 ^b
	LS1	65334.61 ^a	29.70 ^b	30.47 ^a	15.73 ^a	478.87 ^a	10819.07 ^{ab}
	LS2	65516.92 ^a	31.73 ^{ab}	31.93 ^a	15.50 ^a	495.49 ^a	11393.68 ^a
	LS3	66030.00 ^a	33.30 ^a	33.00 ^a	15.40 ^a	508.40 ^a	12331.69 ^a
	LS4	67173.84 ^a	30.93 ^{ab}	32.07 ^a	15.67 ^a	502.37 ^a	11206.64 ^{ab}
显著性 Significance (<i>F</i> -value)	-	-	-	-	-	-	-
年份 Year (Y)		3.024	62.850 ^{**}	102.468 ^{**}	0.000	17.810 ^{**}	10.460 ^{**}
施硅水平 Si concentrations (SC)		0.435	11.547 ^{**}	4.129 [*]	0.397	0.267	13.695 ^{**}
年份×施硅水平 (Y×SC)		0.057	8.409 ^{**}	0.455	0.025	0.068	0.434

注: LCK: 清水对照处理; LS1: 4 g/L SiO₂ 处理; LS2: 8 g/L SiO₂ 处理; LS3: 12 g/L SiO₂ 处理; LS4: 16 g/L SiO₂ 处理; 同列及同年数据后不同小写字母表示差异达 0.05 显著水平; **代表 0.01 显著水平, *代表 0.05 显著水平

Note: LCK: water treatment for control check; LS1: 4 g/L SiO₂ treatment; LS2: 8 g/L SiO₂ treatment; LS3: 12 g/L SiO₂ treatment; LS4: 16 g/L SiO₂ treatment; values followed by different small letters in the same column and year are significantly different at the 0.05 probability level; **: significant difference at the 0.01 probability level; *: significant difference at the 0.05 probability level