

Supplemental table 1. Effects of exogenous DIECA on potential seed yield, actual seed yield and female to male ratios of buffalograss in 2022.

Treatments	Potential seed yield	Actual Seed yield	Ratio of female to male
50 mg/L DIECA treatment in seedling-tillering stage	21.46 ^b	10.52 ^{ab}	0.76 ^{ab}
100 mg/L DIECA in seedling-tillering stage	31.70 ^a	14.74 ^a	1.08 ^a
150 mg/L DIECA in seedling-tillering stage	16.92 ^{bc}	6.90 ^{bc}	0.42 ^b
50 mg/L DIECA in jointing stage	14.82 ^{bc}	7.29 ^{bc}	0.33 ^b
100 mg/L DIECA in jointing stage	11.82 ^c	5.31 ^c	0.41 ^b
150 mg/L DIECA in jointing stage	8.90 ^c	3.99 ^c	0.81 ^{ab}
CK	11.59 ^c	4.97 ^c	0.53 ^{ab}

Values with superscript letters a, b, c and d are significantly different within columns ($p < 0.05$).