

TABLE 49. The influence of *Acorus calamus* growth on *Iris pseudacorus* as determined by fresh weight gain in g (of *Iris*) from a  $5 \times 5$  Latin square design experiment on logarithmic ( $\log(x + 1)$ ) transformed data

Characteristics	Treatments				
	All <i>Acorus</i>	2/3 <i>Acorus</i>	1/2 <i>Acorus</i>	1/3 <i>Acorus</i>	No <i>Acorus</i>
Original mean	0.0	404.4	531.1	687.5	1190.0
Adjusted transformed mean	-0.333	2.652	2.791	2.926	3.196
Duncan's 5% test	————	————	————	————	————
Duncan's 1% test	————	————	————	————	————
Corrected mean	-0.5	447.5	617.0	841.7	1570.6

Note: see Table 2 for note regarding Duncan's test.

Analysis of covariance:  $F_{4/11 \text{ df}} = 4.565$ ; significant at 0.025.

Bartlett's:  $\chi^2_{4 \text{ df}}$  for log of initial weight = 7.130; no significant variance at 0.1.

Bartlett's:  $\chi^2_{4 \text{ df}}$  for log of final weight = 2.682; no significant variance at 0.1.