

Table 1. Surfclam density within each combination of Box Size (LG – 2-ft x 2-ft; SM – 1-ft x 2-ft) and Clam Size (LG – 12. ± 0.4 mm; SM – 9.6 ± 0.4 mm). Three unique densities occurred within each combination of box size and clam size. (n = 5)

Box Size	Clam Size	Density/Box	Density/ft ²
LG	LG	30	7.5
		120	30.0
		200	50.0
LG	SM	120	30.0
		180	45.0
		240	60.0
SM	LG	60	30.0
		100	50.0
		160	80.0
SM	SM	60	30.0
		100	50.0
		180	90.0

Table 2. Analysis of variance skeleton and expected mean squares. A priori contrasts are indented below the Density source of variation. All three factors are fixed. (n = 5)

Source of Variation	df	EMS
Box Size (LG vs. SM)	1	$\sigma_e^2 + bc n \alpha_A$
Clam Size (LG vs. SM)	1	$\sigma_e^2 + ac n \alpha_B$
Box x Clam	1	$\sigma_e^2 + cn \alpha_{AB}$
Density (Box, Size)	8	$\sigma_e^2 + n \alpha_{C(AB)}$
LG-Box, LG-Size	2	$\sigma_e^2 + n \alpha_{C(AB)}$
LG-Box, SM-Size	2	$\sigma_e^2 + n \alpha_{C(AB)}$
SM-Box, LG-Size	2	$\sigma_e^2 + n \alpha_{C(AB)}$
SM-Box, SM-Size	2	$\sigma_e^2 + n \alpha_{C(AB)}$
Error	48	σ_e^2
Total	59	