

A 2^2 -experiment was replicated six times in order to obtain an idea of the interaction between Spacing and number of seedlings per hole in planting rice using Japanese method of cultivation.

The levels of two factors are:

A: 8" spacing; 10" spacing

B: 3 seedlings per hole; 4 seedlings per hole.

The field plan and yield of dry rice (in kg.) are given below:

k=1				k=2				k=3			
(1)	a	ab	b	ab	(1)	a	b	(1)	b	a	ab
117	106	109	114	114	120	117	114	111	117	114	106

k=4				k=5				k=6			
ab	b	a	(1)	ab	a	(1)	b	b	(1)	ab	a
98	121	112	108	75	97	73	38	58	81	105	117

Treatment combination	(1)	b	a	ab
Total yield from all runs	610	562	663	607

$$SS_T = 10550.5 \quad \text{and} \quad SS_E = 9697$$