Table 10.2	ANOVA table for RCB design			
Source	SS	df	MS	
A (treatments)	$q \sum_{i=1}^{p} (\bar{y}_i - \bar{y})^2$	$p - 1$	$\dfrac{SS_A}{p - 1}$	
B (blocks)	$p \sum_{j=1}^{q} (\bar{y}_j - \bar{y})^2$	$q - 1$	$\dfrac{SS_B}{q - 1}$	
Residual	$\sum_{i=1}^{p} \sum_{j=1}^{q} (\bar{y}_{ij} - \bar{y}_i - \bar{y}_j + \bar{y})^2$	$(p - 1)(q - 1)$	$\dfrac{SS_{Residual}}{(p - 1)(q - 1)}$	
Total	$\sum_{i=1}^{p} \sum_{j=1}^{q} (y_{ij} - \bar{y})^2$	$pq - 1$		