Notation (suppressing subscripts throughout):

- $Y$ for the response variable (the yield). This needs to be the same as in the Regression Chapter.
- $\mu$ for the mean.
- $\tau$ for treatment effects.
- $\beta$ for block effects.
- $r$ for the replication of a treatment.
- $E$ for the random error term, $\hat{E}$ for estimated residuals. Again should match regression chapter.
- For a factorial treatment structure, $\alpha$ and $\gamma$ for the main effects of the two factors, and $(\alpha\gamma)$ for the interaction.
- I’d have ’hats’ for estimates/estimators, because they will be ML estimates/ors, even if I don’t prove this.