

Data used in Examples

The data set used for the examples in this workshop contains the following factors:

1) Varieties

- Levels 2
- Variable name VAR
- Qualitative

2) Nitrogen Fertilizer

- Levels 3
- Variable name FERT
- Qualitative

3) Blocks or replications

- Levels 4
- Variable name BLOCKS
- Qualitative

4) Yield

- Levels numerous
- Variable name YIELD
- Quantitative

5) Time*

- Levels 5
- Variable name TIME
- Quantitative

* Not in the data set below. See WEB site for full data.

The data are read in as follows:

```
DATA YIELD;  
      INPUT VAR $ FERT BLOCK pH YIELD;  
      CARDS;  
VAR1 1 1 7.07 0.42  
VAR1 1 2 7.06 0.22  
VAR1 1 3 7.08 0.65  
VAR1 1 4 7.09 0.82  
VAR1 2 1 7.13 1.78  
VAR1 2 2 7.12 1.56  
VAR1 2 3 7.15 2.18  
VAR1 2 4 7.14 1.96  
VAR1 3 1 7.18 2.68  
VAR1 3 2 7.18 2.60  
VAR1 3 3 7.14 1.99  
VAR1 3 4 7.15 2.08  
VAR2 1 1 7.06 0.35  
VAR2 1 2 7.05 0.13  
VAR2 1 3 7.06 0.20  
VAR2 1 4 7.06 0.24  
VAR2 2 1 7.13 1.76  
VAR2 2 2 7.11 1.37  
VAR2 2 3 7.14 1.89  
VAR2 2 4 7.15 2.09  
VAR2 3 1 7.15 2.06  
VAR2 3 2 7.17 2.43  
VAR2 3 3 7.14 1.92  
VAR2 3 4 7.16 2.39  
;
```

Notice that the variety is alphabetic and read as character data.