data tomato;
  infile 'tomato.txt' firstobs = 2;
  input group $ yield;
run;

/* a second way to read data */
data tomato2;
  input group $ yield;
  cards; /* or datalines; must be at very end of the data step */
a 29.9
 a 11.4
 b 26.6
 b 23.7
 a 25.3
 b 28.5
 b 14.2
 b 17.9
 a 16.5
 a 21.1
 b 24.3
;

proc print;
  title 'Tomato data set';
  run;

proc univariate;
  class group;
  histogram yield;
  run;

/* the boxplot requires all the 'a' obs to be together */
proc sort;
  by group;
  run;

proc boxplot;
  plot yield*group;
  title 'High resolution boxplots for each group';
  run;

proc ttest;
  class group;
  var yield;
  title 'T-test of tomato yield'; run;