* **61280\_screenshot\_15 (8.4)**
* (In the section “Analysis” on the left hand side of the screen, click on the subsection “Graph viewer”. Under the “Filters” section, set the “From” and “To” dates for the experiment. In “Labels”, choose the genotypes. In the “Plants”, select or deselect the plants that belong to the genotypes. In the “Y1 parameter”, select “weight”. You can select any parameter of choice and add a second parameter for comparison in “Y2 parameter”). 00:02 – 00:22
* (Click on “Show Graph”. Line graphs of the values of the selected parameter appear in the “Graph Viewer” window for each plant. Click and hold on the Y-axis to move and adjust as required. You can hover the cursor over each line graph to display the details of the particular plant. (**Supplementary** **Figure 5**)) 00:23 – 00:44
* (To examine the line graph of an individual plant, double-click on it’s legend symbol on the right side of the graph. You can add or remove more plants one by one by single-clicking on their respective legend symbols.) 00:45 – 01:04
* (Options to modify the graph will appear if the cursor is moved to the top right corner of the screen (these functions are relevant to all other subsections).) 01:05 – 01:16
* (In the top right corner, there are also options for exporting the data as a spreadsheet and for enlarging the Graph Viewer window to view the data at full screen mode (these two functions are relevant to all other subsections).) 01:17 – 01:28
* **61280\_screenshot\_16 (8.5)**
* (Click on the subsection “Histogram”. Under the “Filters” section, set the date and time, the “Parameter”, the “Labels” and the “Plants”. In the “Labels” choose the genotype and treatment combination of interest. Select multiple labels or groups by clicking on the “**+”** symbol.) 00:02 – 00:38
* (Click on “Show Graph”. The histogram appears in the “Histogram” section, in which there is the option to change the “Bins” and “Date” at the top of the screen.) 00:39 – 00:55
* (In the “Location Diagram” section, the actual location of the plants on the experimental table and their respective trait values can be seen (**Supplementary** **Figure 7**).) 00:56 – 01:00

* **61280\_screenshot\_17 (8.6)**
* (Click on the subsection “T test”. Under the “T test parameters” section, set the dates, “Labels” and “Plants” for the two groups to be compared in both “Group 1” and “Group 2”. Set the “Parameter” and “Hours range” for a specific time of day.) 00:02 – 00:38 (Click on “Show Graph”. Two windows will appear on the right side of the screen. The top one is the individual plants’ “Graph viewer” section for all of the plants selected from both groups.) 00:39 – 00:45
* (On the bottom, the “T-test” section presents a *t*-test comparison of the two groups of the physiological parameter selected. Levels of significance can be adjusted by changing the “α-value” on the top left corner of the “T-test” section. Red dots will appear on the X-axis where significant differences are present between the two chosen groups (**Supplementary** **Figure 8**).) 00:46 – 00:50
* **61280\_screenshot\_18 (8.7)**
* (Click on the subsection “Anova”. Under the “Filters” section, set the dates, “Parameter”, “Labels”, “Plants” and “Hours range”.) 00:02 – 00:32
* (Click on “Show Graph”. The line graphs in “Anova” section shows ANOVA test (Tukey’s HSD) to compare the physiological parameter of the multiple groups. Bars represent the standard errors (±SE).) 00:33 – 00:46
* (Click on the line graph to view a bar-graph comparison for a particular day. Different letters under the bar graph indicate groups that are significantly different from one another (**Supplementary Figure 9A**).) 00:47 – 00:52
* **61280\_screenshot\_19 (8.8)**
* (Click on the subsection “Piecewise linear curve”. Under the “Filters” section, set the dates, “Parameters”, “Labels”, “Plants” and “Hours range”. It is important that only the drought period should be used in setting the dates.) 00:01 – 00:38
* (Click on “Show Graph”. After line curves appear in the “Piecewise linear curve” section, click on “Select all recommendations” in the “Filters” section, and again click on “Show Graph”.) 00:39 – 00:50
* (After the curves appear, click on any outlier points you want to remove and then click “Recalculate”. After the curves reappear with better fit, click on “Reverse X Axis”. Scroll down to see the detailed parameters of the curves (**Supplementary** **Figure 10**).) 00:51 – 01:12