

Welcome to MaltVis,

This web tool allows you to upload a .csv from Airtable to visualize malting specs. In general, you can move through the tabs going left to right and will most likely only need the BatchVis and QC Plot tabs. The Parameter Correlations and Visualize tabs are for data exploration and troubleshooting specs that may be off.

In general, each tab does the following:

- Upload- Upload data in the form of a .csv file
- BatchVis – View several finished malt specs for a batch in comparison to other batches of the same variety
- QC Plot – Visualize a single malt spec across any number of batches
- Parameter Correlations – Highlights interactions between parameters. If something is off this could tell you what may have caused it
- Visualize – Pick any two variables and see how they affect each other
- Look Up Data – A searchable table that will show values from the .csv uploaded into MaltVis

Visit the Help tab for specific examples on how to use the app. Start with BatchVis to see how a current batch looks. If everything looks good, stop there. If something is outside of the acceptable range, or approaching it, use the QC Plot to see if it was a unique batch or if it is part of a trend. If a bad value is part of a trend, use the Parameter Correlations tab to see what affects that Hartwick Parameter the most. The highest values on the Correlations tab can then be fed into the Visualize tab to see how a specific process step affects the parameter. The image below is a rough outline of this process.

