What is Temperature Sensitivity Coefficient and How to input correctly?

**Temperature Sensitivity Factor:**
Accounts for changes in muzzle velocity with changes in temperature. Features custom input or general table with commonly used long-range powders.

![Graph showing the relationship between Temperature and Muzzle Velocity (MV). The graph illustrates the increase in MV with temperature, with a specific slope indicating the Temperature Sensitivity Coefficient.](image)

**Temperature Sensitivity Coefficient** is the slope of this line. A big advantage of using a Temperature Sensitivity Factor is that you can input a single entry for MV at a certain temperature and then use the slope to get a very good approximation across all temperatures.

**In the app the Temp Sen. Factor is found at the bottom of the profile. You can enter the factor directly or select from the library of different powders available.**

**Select the powder that you are using from the provided list (if available).**

If not available, you can try contacting the manufacturer or Hornady directly.

Be sure to fill in the temperature at which you were shooting and the MV that was detected using a chronograph.

On the Kestrel, this value can be entered or viewed by going to Gun->MV->MV Temp.