Inputs

- min daily temp (C) → time series
- max daily temp (C) time series
- daily precipitation (mm) time series

Model

$$Yield = -0.015T_n - 0.0046T_n^2 - 0.07P_1 + 0.0043P_1^2 + 0.28$$

Outputs

- max yield anomaly ton/acre
- mean yield anomaly ton/acre
- min yield anomaly ton/acre

Parameters

Min temp - $-0.015T_n - 0.0046T_n^2$

Precip - $-0.07P_1 + 0.0043P_1^2$