

Heat Sums Calculator

The Heat Sums Calculator is a tool for predicting fruit maturity from flowering data. It can be used to effectively organise resources (such as transport and harvest labour) to avoid bottlenecks; for planning and marketing purposes.

The heat sum formula adds the daily average temperatures until a pivotal heat unit is reached. Forecasts are based on historical average temperatures, different varieties have slightly different heat units.

Instructions

1. Select your state (QLD, WA, NT),
2. Type the flowering date into the green box corresponding to that region.
3. The calculator will give you an approximate dry matter and harvest date for the main varieties (KP, R2E2 etc).
4. You can re-use the calculator to predict the start of your harvest or the peak (when you had the most flowers) etc.

If you wish to calculate the heat sums for individual areas not listed you will need daily minimum and maximum temperature data for you farm:

1. Go to the individual use calculator.
2. Copy and paste your temperatures into the columns in the “temperatures” tab.
3. Go to the “front page” tab and type in your flowering date.
4. The calculator will give you an approximate harvest date and a date to test dry matter (1 week prior to harvest).
5. You can re-use the calculator to predict the start of your harvest or the peak (when you had the most flowers) etc.



Disclaimer

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