

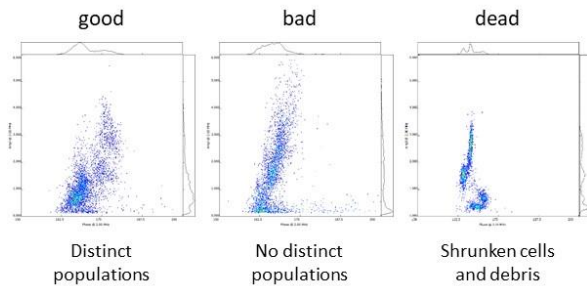
Insights in pollen quality



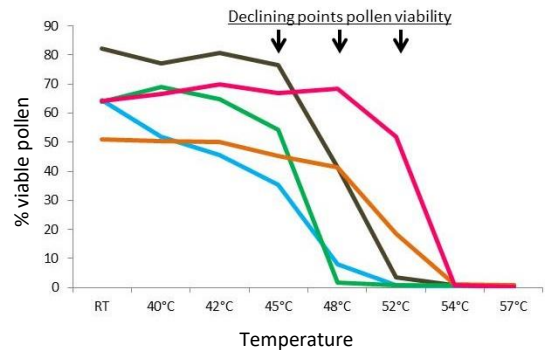
Pollen quality

- is important for breeding, fruit and seed production
- is affected by genetics and environment
- can be analysed in a single measurement

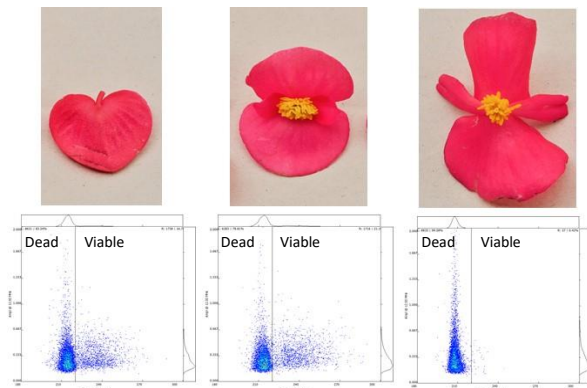
Pollen quality in different varieties



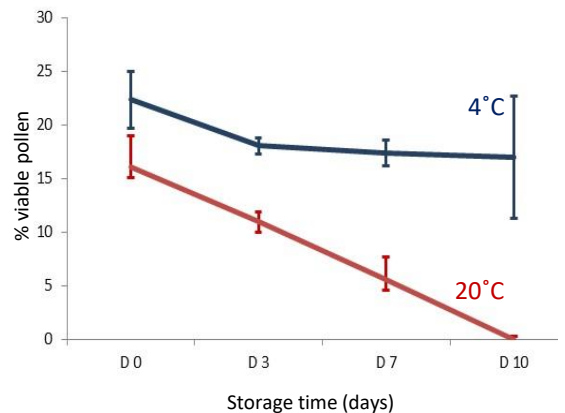
Species-dependent heat sensitivity



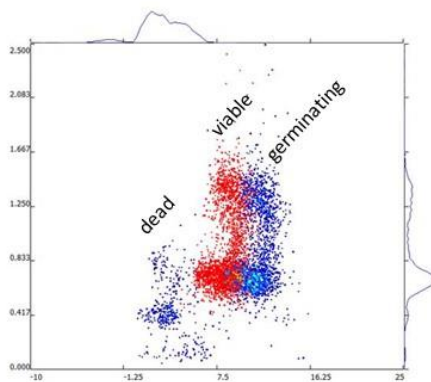
Pollen ages like the flower



Wrong storage kills pollen



Prediction of pollen germination



Use the analysis to

- Select parental lines
- Optimise growth conditions for high pollen quality production
- Determine the recovery of pollen quality after pesticide treatment
- Optimise the time point and flower stage for pollen harvest.
- Develop storage and reactivation protocols
- Predict pollen germination
- Reduce production costs