

Shape & Color: Intelligent computer vision methods to assess fruit quality traits in horticultural plant breeding

*Dirk Jollet & Mark Müller-Linow
Shoot Dynamics Group*



- The assessment of fruit quality traits by hand is a time-consuming, subjective, and costly procedure, which is in need of trained workers
 - Bottleneck in breeding programs
- Computer vision methods can help to open this bottleneck. They are fast, objective, cheap, and offer a high resolution.
- The *Shape & Color* project faces these challenges with three horticultural crops to be investigated: Bush Bean, Cabbage, Carrot

