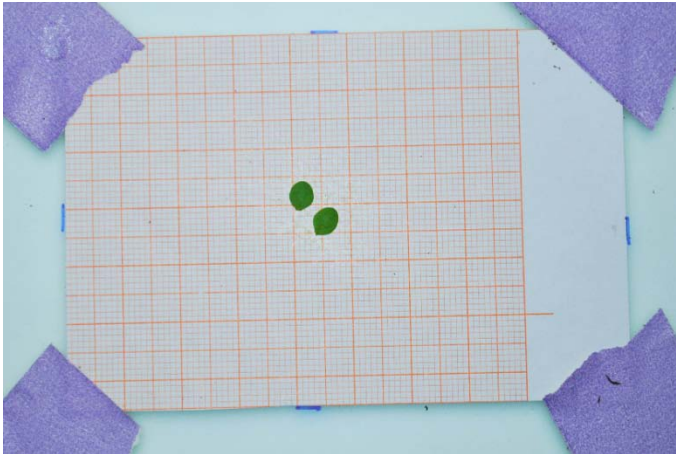


Measurement of leaf size

AIM: Measuring the size of arabidopsis leaves.

Input: Pictures taken by a digital foto camera on millimeter paper.

Description: First the leaves were recognized, then the squares of the millimeter paper were marked. By comparing the pixel number of leaves and squares the absolute leaf area could be calculated.



A original image
B classified objects

● leaves
● squares



Output:

class_name	leaf area (square cm)	leaf area (Pxl)	mean area squares (Pxl)
Leaf 1	0.290592113	4396	3781.933333
Leaf 2	0.292971849	4432	3781.933333