**Hypocotyl measurement with ImageJ**

**Needed**

1. ImageJ (from <http://rsb.info.nih.gov/ij/>)
2. Working scanner (can be hard)

**Scanner Settings**

1. Set to Grayscale.
2. Set to 600 ppi.
3. Set to wtb points.
4. Set to Custom ~130,255.
5. Set Preferences -> Scan Material -> Positive.
6. Set Preferences -> More -> Scan Quality -> Quality.
7. Set Preferences -> More -> Interpolation -> Speed.

**Image J**

1. Go to Analyze -> Set Scale.
2. Over there change:

Distance in Pixels -> 600

Known Distance -> 25.4

Pixel Aspect Ratio -> 1

Unit of Length -> mm