**Multispectral Imaging with PixelCam**

**Experiment 9\_BIG10\_20210326**

* Plants
  + Col-0
  + 21 days
* Experimental test groups
  + Stress: 8 mL 1 M NaCl
  + Control: 8 mL DI water
* Light settings

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **450nm** | **660nm** | **735nm** | **5700k** | **850nm** |
| 100 | 20 | 1000 | 50 | + |

* PixelCam Settings
  + F-stop 2.8
  + Gain: 0
  + Exposure: 20ms
  + 1 min time-lapse
* Timeline
  + Lids removed: 9:05 AM
    - RH: 70
  + Imaging start: 9:56 AM
    - RH: 82
  + Stress initiated:10:22 AM
    - RH: 84
* PixelCam Scene Layout

1 M NaCL

1 M NaCl

Control

1 M NaCl

* Brinno Scene Layout

1 M NaCL

1 M NaCl

Control

1 M NaCl

Scissors