**Multispectral Imaging with PixelCam**

**Experiment: 1\_BIG10\_20210305\_2**

* Plants
  + Col-0
  + 21 days
* 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: 4:37 PM
    - RH: 82
  + Imaging start: 5:21 PM
    - RH: 74
  + Stress initiated: 5:50 PM
    - RH: 72
* PixelCam Scene Layout

1 M NaCl

Control

1 M NaCl

1 M NaCl

* Brinno Scene Layout

1 M NaCl

Control

1 M NaCl

1 M NaCl

Scissors

* Note: Water added prior to treatment was tap water and not DI water.