**Multispectral Imaging with PixelCam**

**Experiment 5\_BIG10\_20210318\_1**

* Plants
  + Col-0
  + 20 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: 11:10 AM
    - RH: 92
  + Imaging start: 11:55 AM
    - RH: 81
  + Stress initiated: 12:22 PM
    - RH: 80
* PixelCam Scene Layout

Control

1 M NaCl

1 M NaCL

1 M NaCl

* Brinno Scene Layout

Control

1 M NaCl

1 M NaCl

1 M NaCl

Scissors