**Multispectral Imaging with 4-channel PixelCam**

**Experiment 20210210\_1**

* Plants
  + Col-0
  + 19 days
* Stress: 8mL 0.5 M NaCl
* Control: 8mL 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
  + Plates were hardened off by removing lids the evening before, and increasing the humidity in the chamber. Plants were not covered with cheesecloth or kim wipes.
  + Imaging start: 7:55 AM
  + Stress initiated: 5:57 AM
    - RH: 83 at start, 78 when finished
* Frame Layout

Stress

Stress

Stress

Control

* Notes:
  + No water added during acclimation period