

# Radiation on Bean Growth Update

Derek Boylan & Stephanie Durham

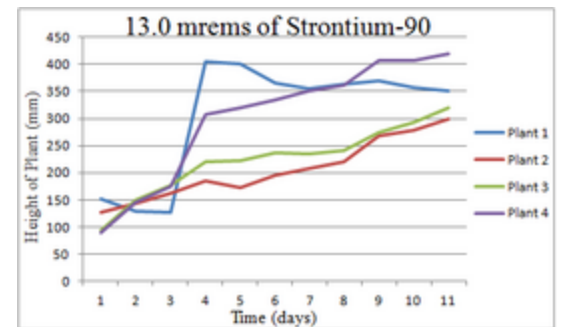
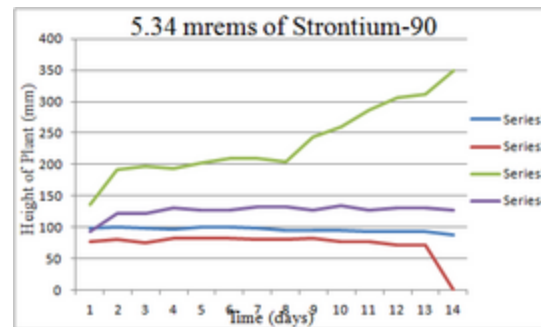
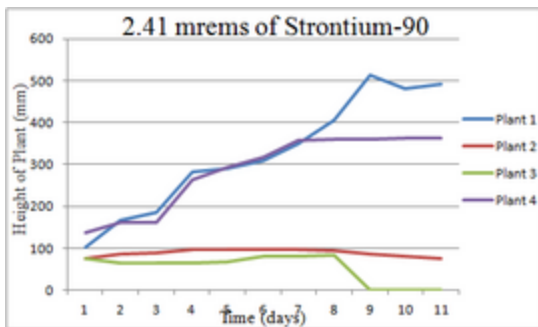
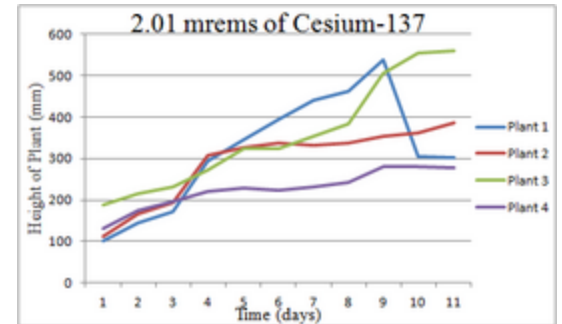
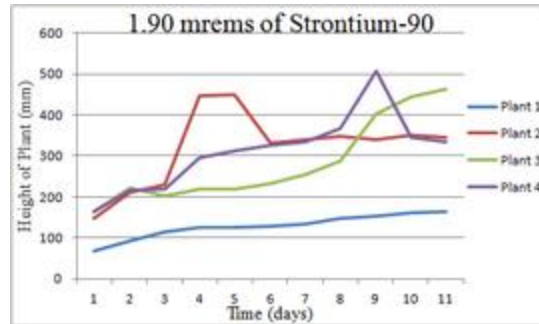
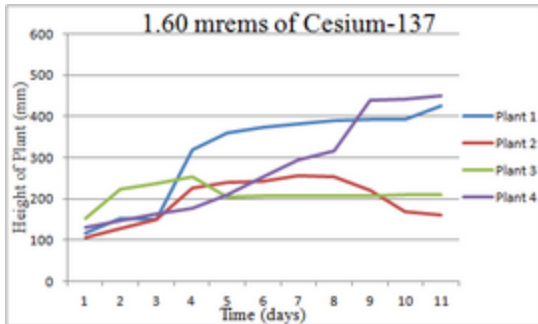
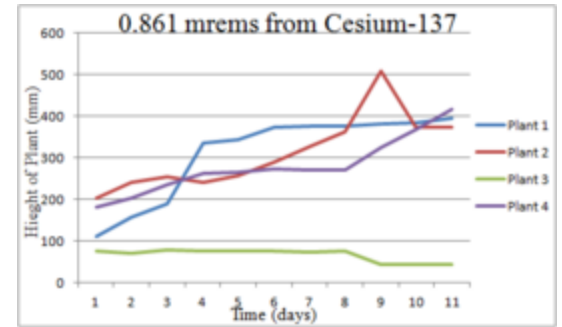
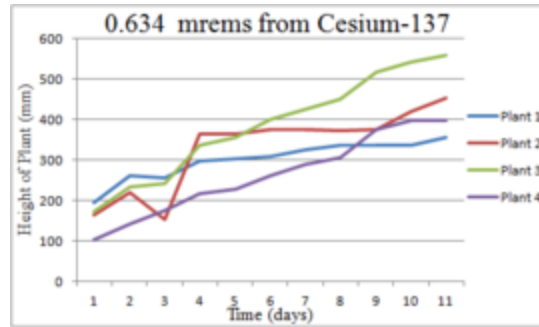
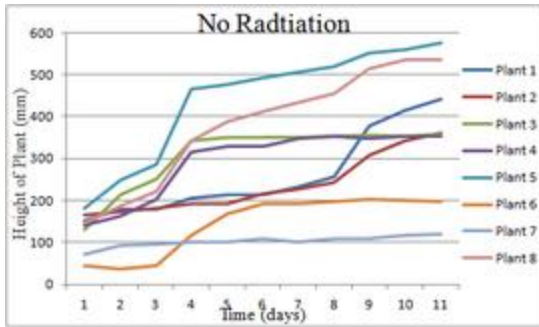
A decorative graphic consisting of several horizontal lines of varying lengths and colors (red, white, and dark red) extending from the right side of the slide towards the center.

# Trigger Efficiency Test

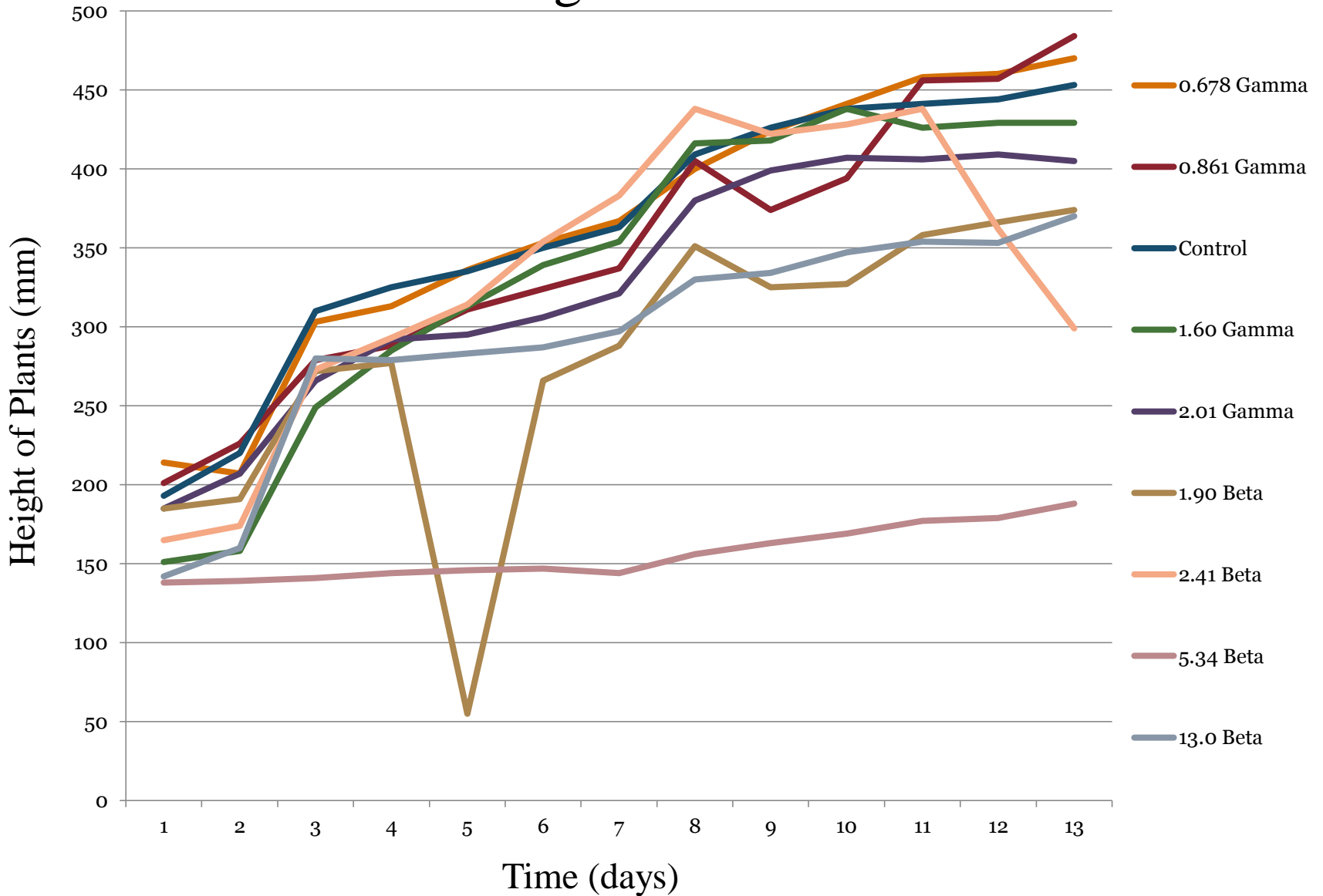
- Gluing vertically worked much better
- In the process of running a test with all three paddles
- Started count yesterday afternoon and so far it is at about 400 counts

# Radiation's Effect on Bean Growth

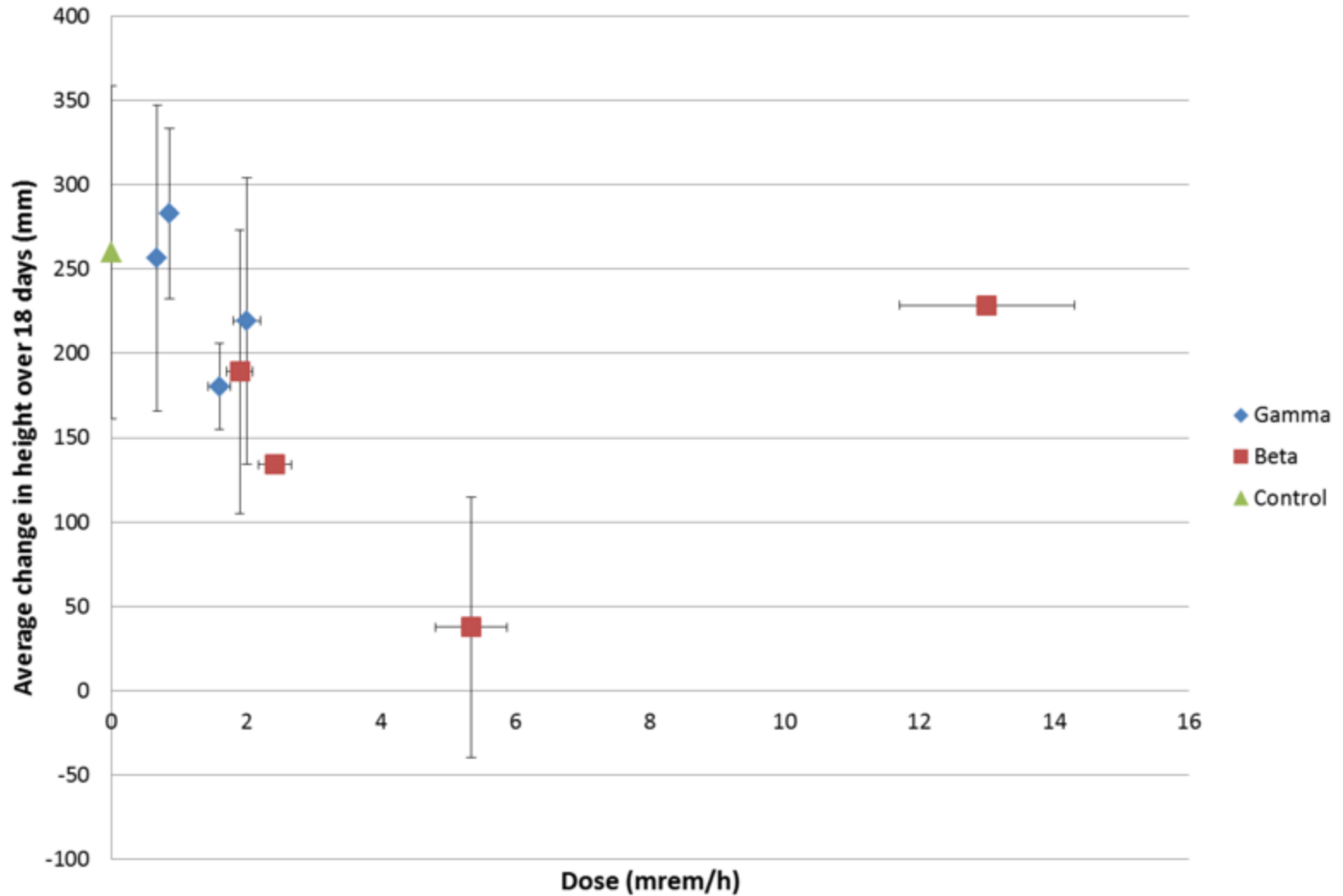
- Finished the first part of the experiment
  - Going to finish analyzing the all the data
  - Tomorrow, we will observe root and stem cells under the compound microscopes
- Preparing to begin the stages of development experiment
  - Five different stages of development (three weeks after germination, two weeks after germination, a week after germination, right after germination, and germination)

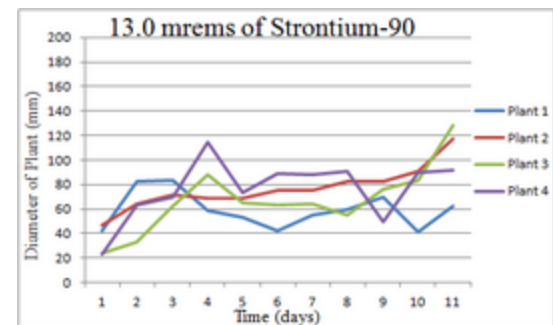
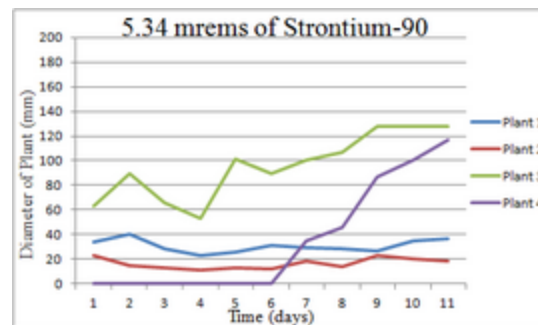
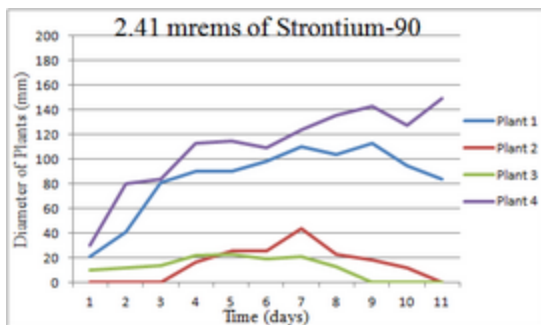
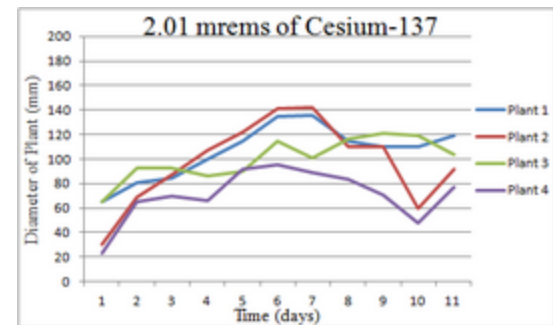
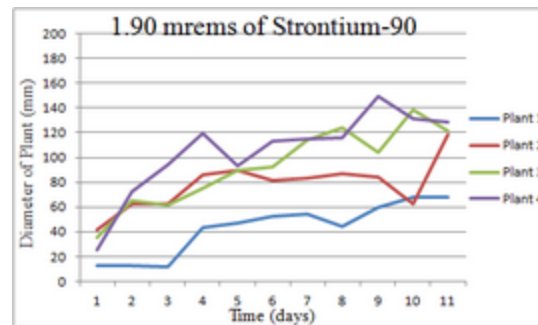
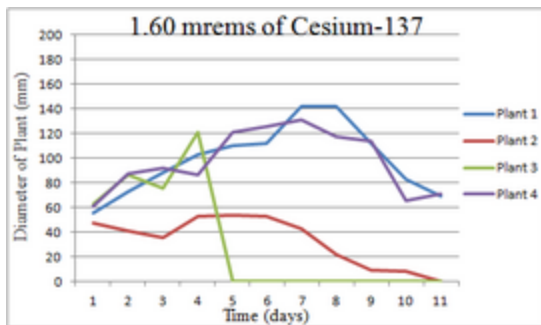
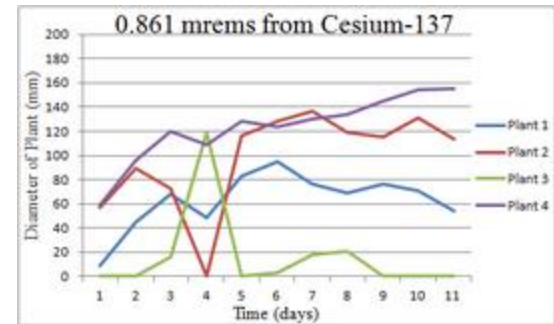
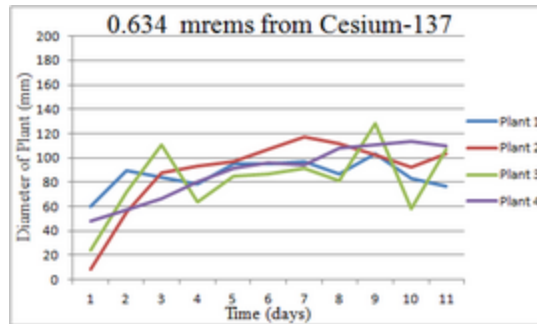
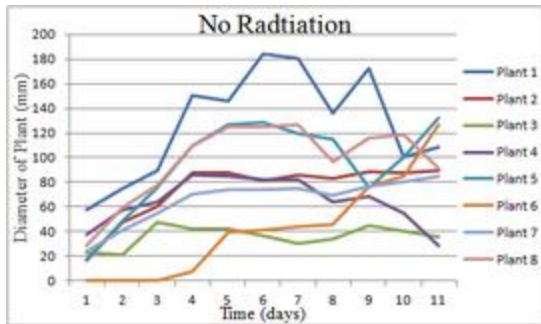


# Height vs Time

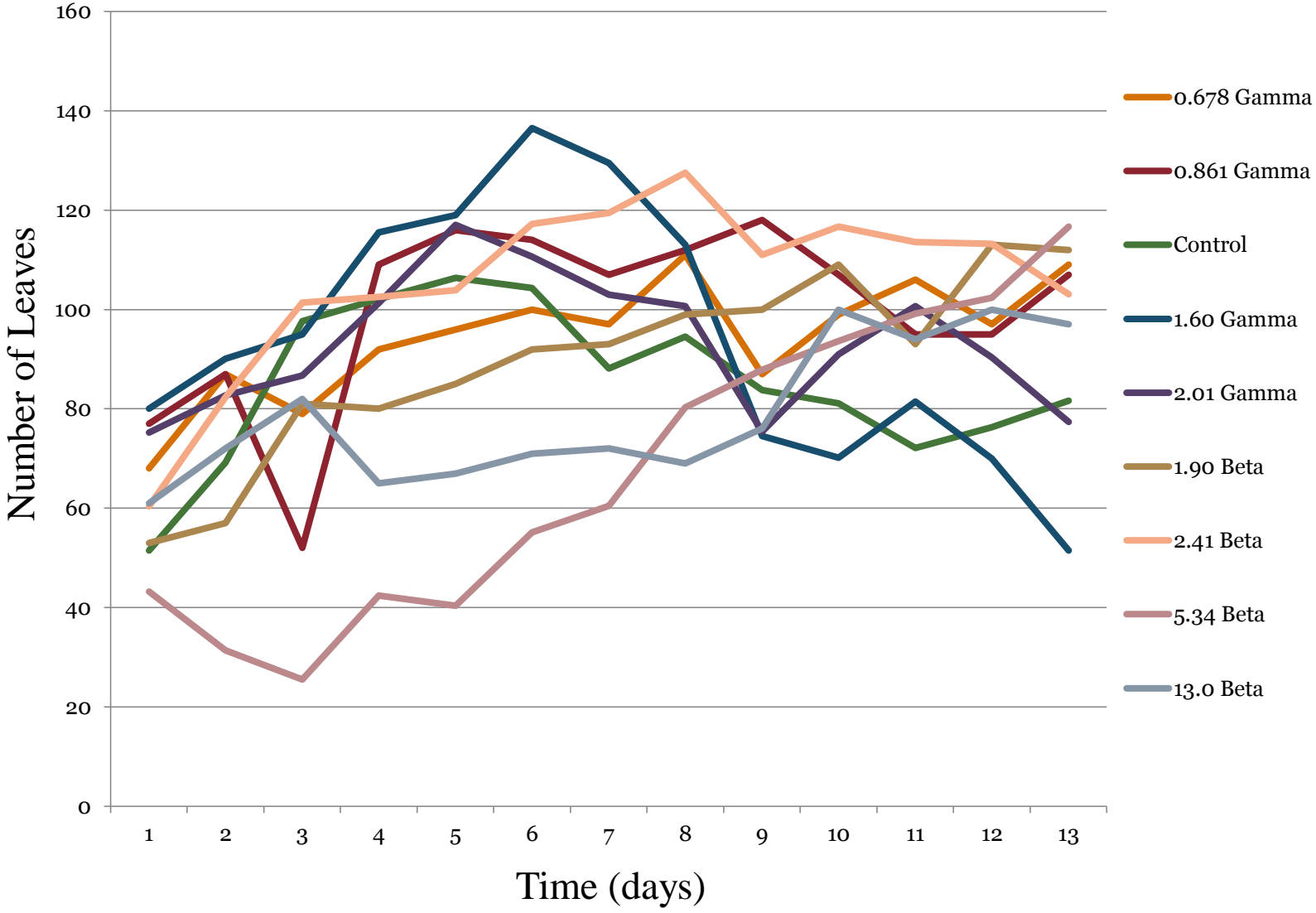


### Average Change in Height of Plants vs. Dose



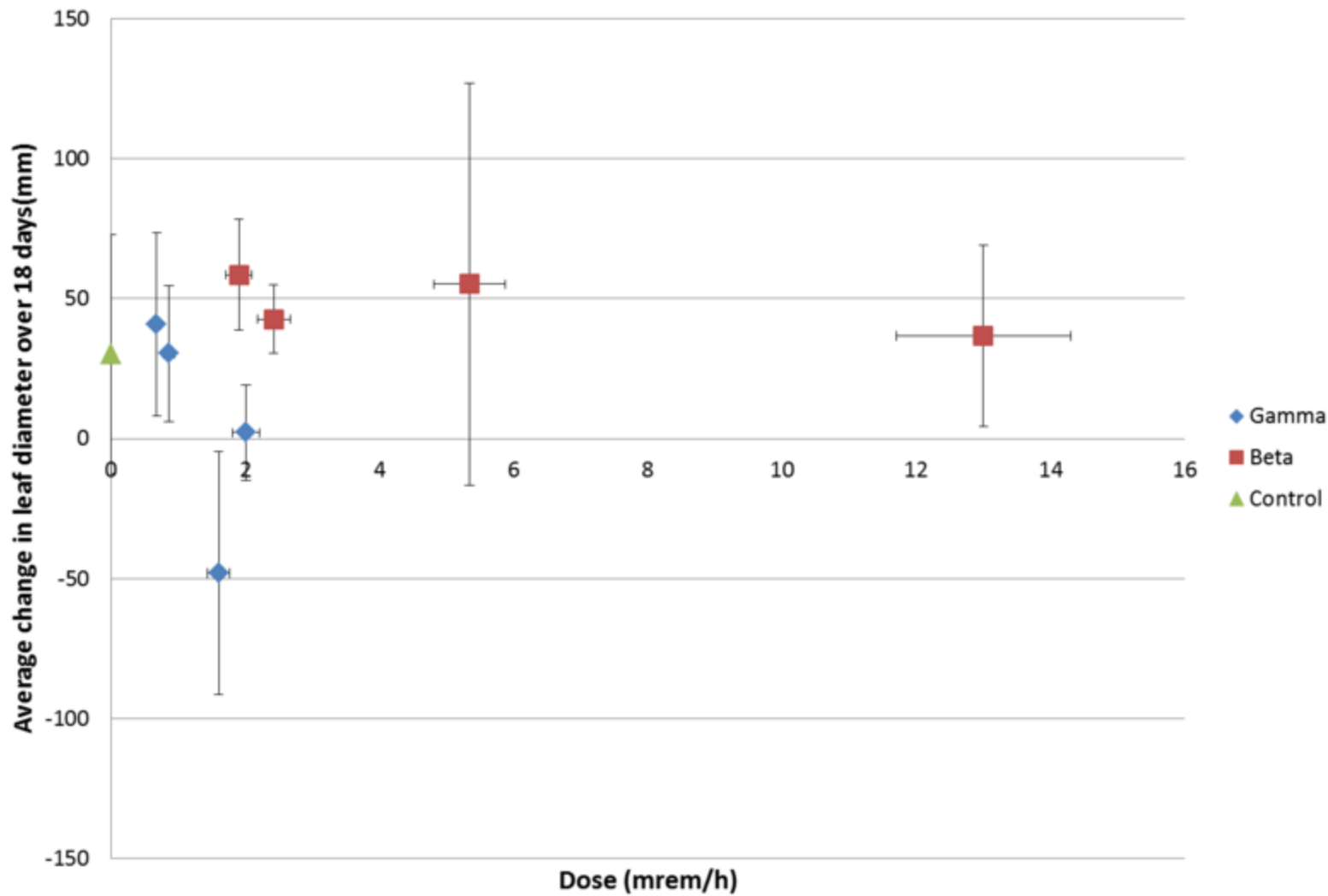


# Diameter vs Time



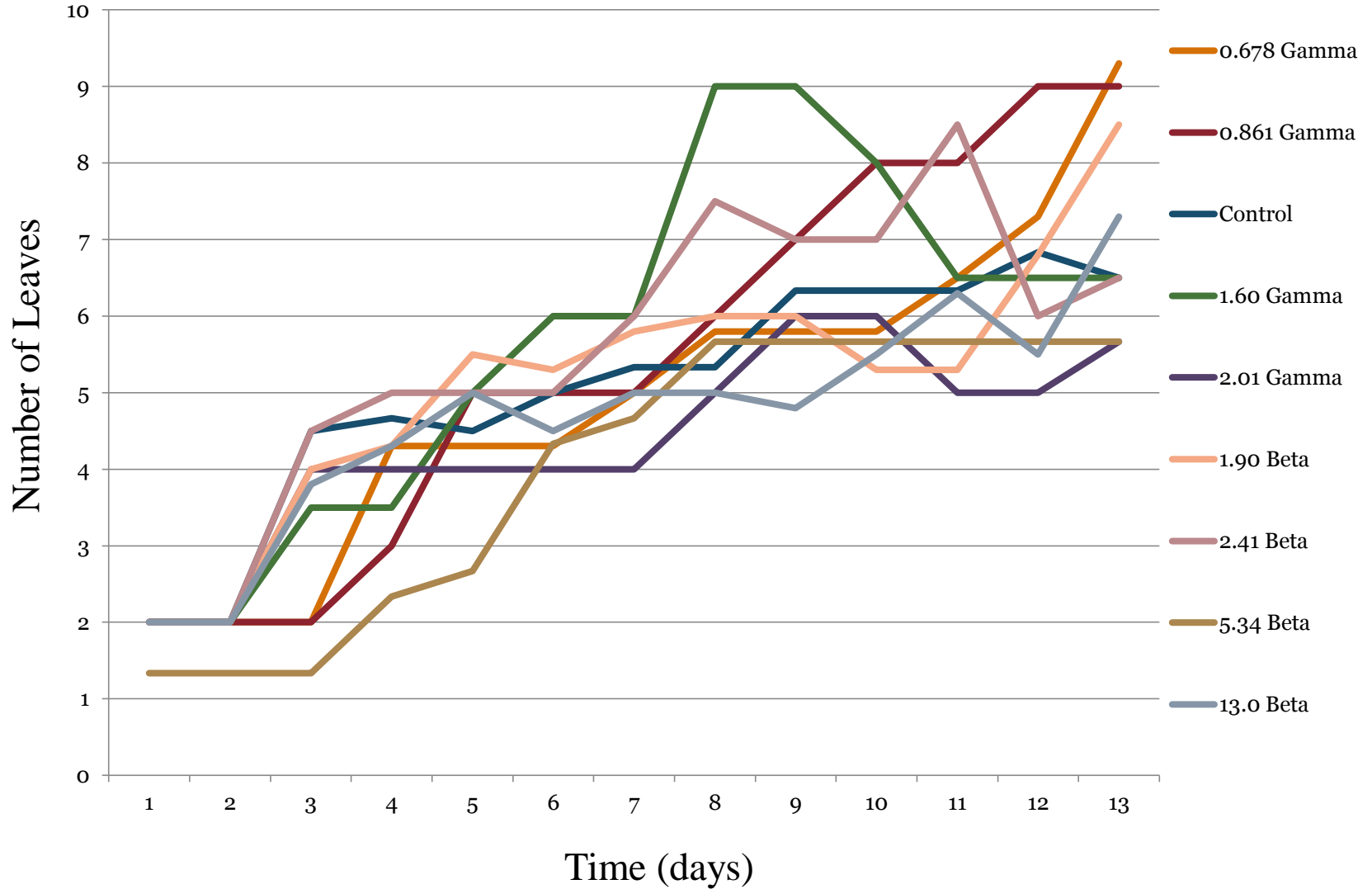


### Average Change in Leaf Diameter vs. Dose

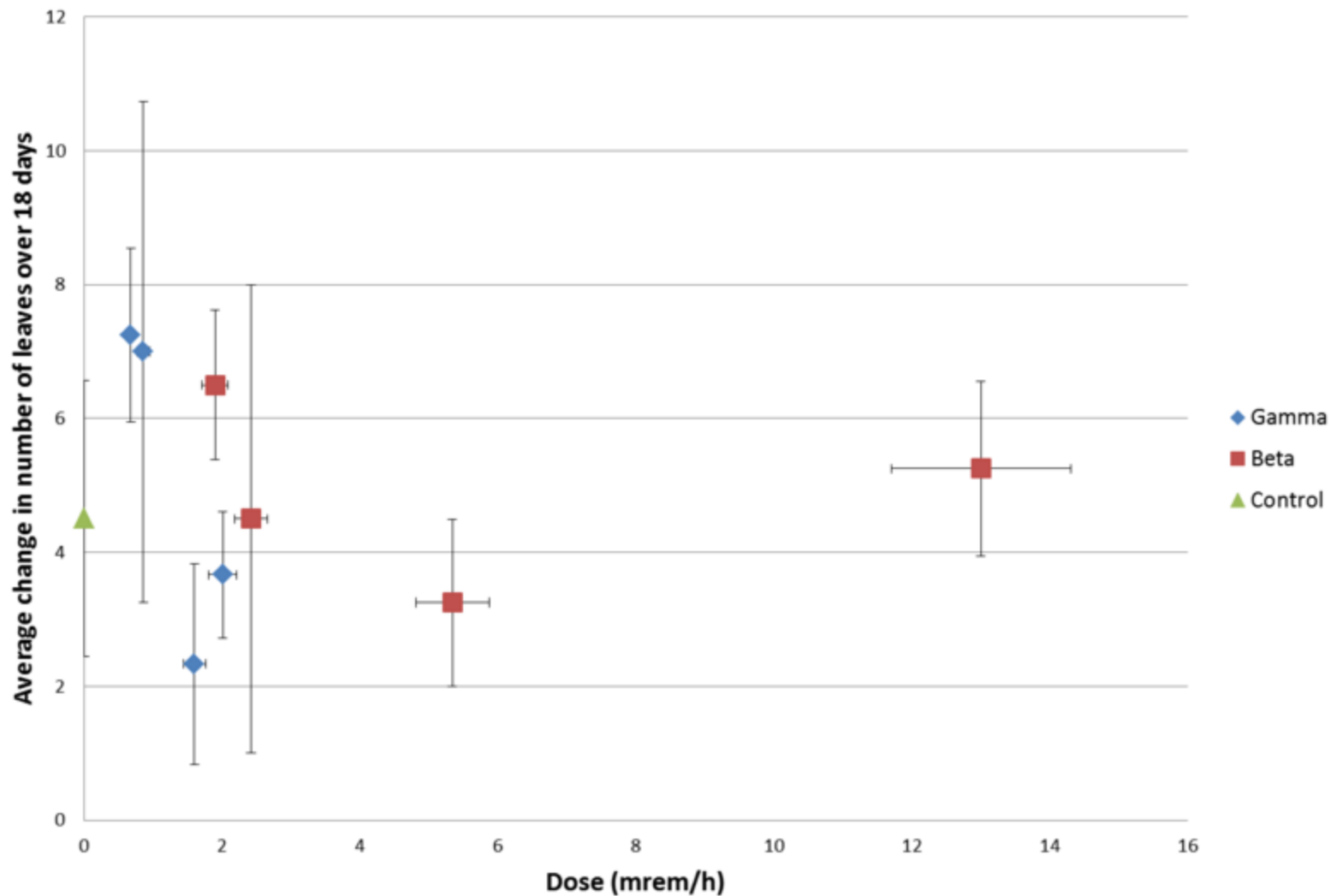




# Number of Leaves vs Time



### Average Change in Number of Leaves vs. Dose



# To Do List

- Start stages of development experiment
- Finish graphs
- Analyze all the data from the effect of radiation on bean growth experiment
- Analyze stem and root cells under the microscope
- Work on research paper