## [PLNT2530 Plant Biotechnology](http://home.cc.umanitoba.ca/~frist/PLNT2530/)

# **Lab - Plant** **Regeneration**

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This assignment is worth 30 points.

1**. (15 points) Weekly Observations**

For each week, fill in the number of days after beginning culture of the explants. Insert images from your plates which best illustrate the differences between treatments, from week to week. Briefly describe what evidence is seen for hormone effects. In particular, take note of greening in callus tissue, or organ inititiation (the beginnings or leaves, shoots or roots).

**Week 1 - \_\_ days in culture**

**Week 2 - \_\_ days in culture**

**Week 3 - \_\_ days in culture**

**Week 4 - \_\_ days in culture**

**Week 5 - \_\_ days in culture**

**Week 6 - \_\_ days in culture**

**Week 7 - \_\_ days in culture**

**Week 8 - \_\_ days in culture**

**2. (15 points) Answer the following questions:**

*Questions to be provided based on 2024 results*