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

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

Name (ID#): Joe Shlobotnik (01234567) shlobj@myumanitoba.ca

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.

**Week 1 - \_0\_ days in culture**

|  |  |  |
| --- | --- | --- |
| **A** 0.5 mg/L 2,4-D rooting | **B** 2.0 mg/L BAP shooting | **C** 2.0 mg/L BAP, 0.5 mg/L 2,4-D shooting |
| **D** 2.0 mg/L 2,4-D, 0.5 mg/L BAP rooting | **E** - Control (no hormones) |  |

**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**