

Excel 9 Outline – Corn Plot Final

For this exercise students will use many of the Excel functions used in previous lessons. Students will calculate the gross income for each hybrid, the cost of seed for 160 acres, and the difference in income when figuring seed expense for each hybrid, along with analyzing which hybrid is the best and worst performer.

Instructions:

Download these files: [Assignment Corn Plot Final.docx](#) and [Corn Plot Final.xlsx](#)

Students will complete the spreadsheet provided, calculate and analyze each brand of seed for performance. **Enter dollar signs where needed.**

Objectives

- Use formulas to calculate data
- Use the average function

The spreadsheet must include:

- All steps indicated
- Complete all calculations
- Format data correctly

- Analyze and arrange data in a chart

- Include all graphs

1. Open the workbook

1. **Open:** *MS Office 2013 Excel* spreadsheet program
2. **Download:** the *Corn Plot Final* spreadsheet from this assignment to your class folder
3. **Double click:** on *file name* to open

Or

1. **Open:** *MS Office 2013 Excel* spreadsheet program
2. **Select:** *Open Other Workbooks*, find the *Corn Plot Final* file and open

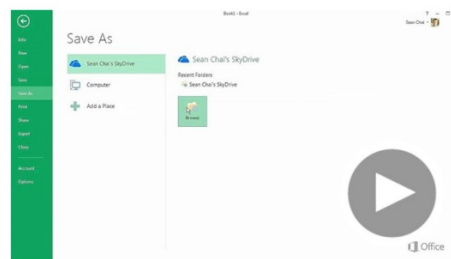


2. Save the spreadsheet

Save the spreadsheet the first time by following these steps:

1. **Click** on the *File* tab; **Click:** *Save As*
2. **Select** or **browse** to a folder you created on the desktop
3. In the *File name* box, **type** a name for the document: **lastname_spreadsheet cornfinal**
4. **Click:** *Save*

Video: Save and print an Excel workbook



Remember to **Save** (Ctrl+S) as you complete each step.

The spreadsheet contains numbers received from your neighbor's test plot. Using the information given, complete the following steps:

1. Using \$5 corn, **calculate** the gross income for each hybrid if it were to be planted on 160 acres of dryland farm ground.
2. Knowing that a bag of seed contains 80,000 seeds, what would be the cost of seed for 160 acres?
3. Find the Average, Minimum, and Maximum for each column.
4. Create a bar chart showing the difference in gross income on the hybrids. Label the chart 'Gross Income per Hybrid'.
5. Create a bar chart showing the difference in seed cost on the hybrids. Label the chart 'Seed Cost per Hybrid'.
6. Create a bar chart showing the difference in seed cost on the hybrids. Label the chart 'Seed Cost per Hybrid'.
7. Using the sort function, **sort** the above information from highest income after seed expense to worst.
8. Insert a comment in **cell J23** and **cell J24** indicating which hybrid is the best and worst.
9. Add your name to the project.
10. Save your work

3. Upload your completed spreadsheet to *Excel 9 Corn Plot final*