

### QUIZ#3: Alaska Tomatoes

Download and unzip the geodatabase **quiz3\_container** from :

<http://nrm.salrm.uaf.edu/~dverbyla/nrm341/quiz/>

The point theme has information about the yield and variety of tomatoes, spaced apart by 100 cm. The line theme represents irrigation lines that are randomly assigned treatments (1=low, 2=medium, 3=high irrigation).

For the Polar Beauty and Polar Star varieties, determine the mean and standard deviation of yield for each irrigation treatment. Create two dbf tables with the following information:

#### ***polar\_beauty.dbf***

Irrigation Class	Number of Plants	Mean Yield	Yield Standard Deviation
1			
2			
3			

#### ***polar\_star.dbf***

Irrigation Class	Number of Plants	Mean Yield	Yield Standard Deviation
1			
2			
3			

Email me ( [D.verbyla@uaf.edu](mailto:D.verbyla@uaf.edu) ) your two dbf tables as attachments and the following information:

Computer: ONEILL\_\_\_\_\_

Folder: c:\nrm341\\_\_\_\_\_

Arcmap document name: \_\_\_\_\_ .mxd

Grading: Data and map document in c:\nrm341\\_\_\_\_ folder 4pts

Correct number of plants for the two varieties 4pts

Correct mean yield for the two varieties 4pts

Correct yield standard deviation for the two varieties 4pts

Correct dbf tables ***polar\_beauty.dbf***, ***polar\_star.dbf*** emailed 4 pts