Tutorial Set 2: Data interpolation
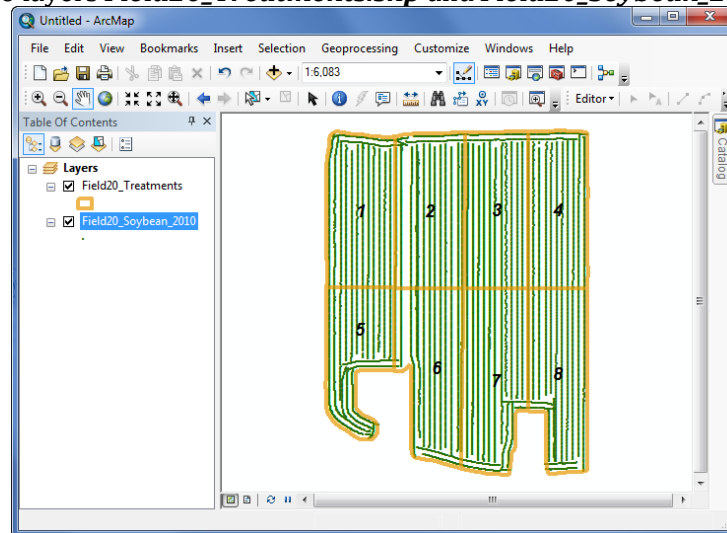
Exercise Site20_2-5 Summarizing points data within polygon

**Learning objective:**   Obtaining descriptive statistics of yield under different agriculture treatment plots

            Techniques: Spatial Join

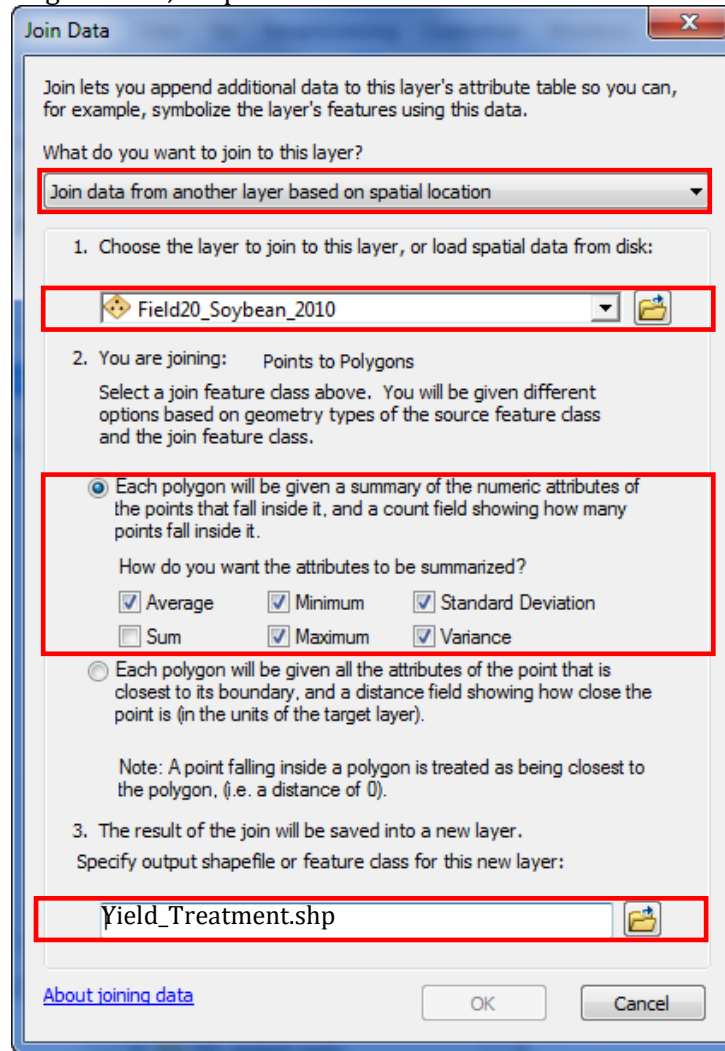   **Data Source**:   Dataset2

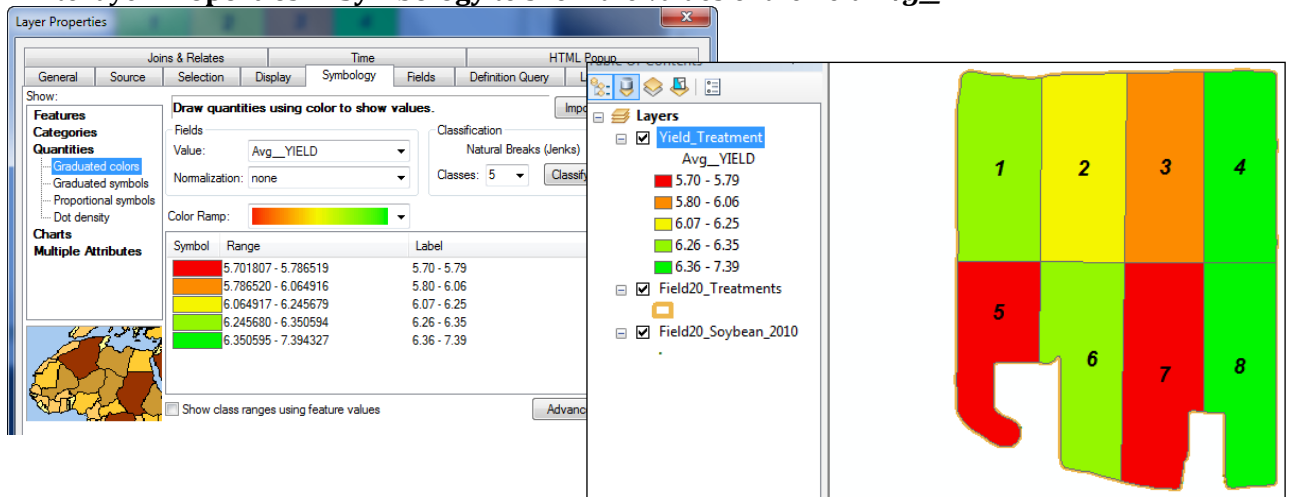1. Bring the two layers ***Field20_Treatments.shp*** and ***Field20_Soybean_2010.shp*** to ArcMap.

2. Label the block ID of ***Field20_Treatments*** (layer **properties>Labels**). Label field: **Block**

3. In **Table of Content**, right click on ***Field20_Treatment*** and go to **Joins and Relates** > **Join** …
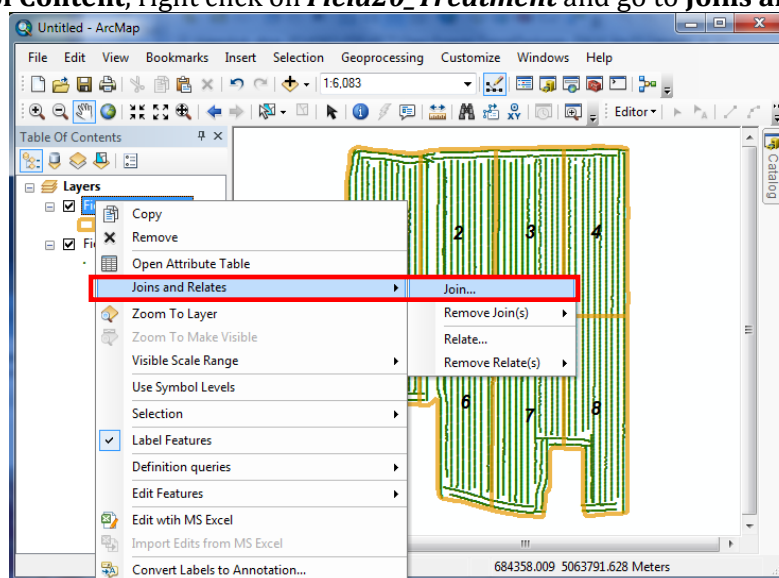
4. In **Join Data** dialog window, set parameters as:

5. Click **OK**.
6. A new layer **Yield_Treatment** is added to **Table of Content**. Right click on this layer, and go to layer **Properties** -> **Symbology** to show the values of the field **Avg_YIELD**.

7. Label the block ID of **Field20_Treatments** (layer **properties>Labels**). Label field: **Block**