

## **Field Map Layout**

Map layout is a virtual page on which you can place and arrange map elements such as titles, north arrows, legends and scale bars and get a preview of the map before printing. The map elements should be placed precisely to create useful, visually pleasing maps. In this activity a map layout of the different spatial data available for a selected field at Mead, Nebraska (University of Nebraska-Lincoln Agricultural Research and Development Center) is created and colorful maps of yield mapping, soil mapping and interpolation are produced.

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### ***Helper's Guide***

#### **How to Prepare**

Each instructor must complete this activity prior to his/her work with explorers. The data for this activity should be copied in your C directory. Browse to 4H-GISyear2\Data to view Boundary.shp, and all the data needed to complete this activity. The final map of this activity is located in C:\4H-GISyear2\Map\_finalprint

#### **Need to Emphasize**

- Like paper maps, digital maps should contain all the basic map elements.
- In agriculture, it is important to see different data layers and maps at the same time.

#### **Related Links**

- The Precision Farming Guide for Agriculturists by Dan Ess , Mark Morgan , Ralph Reynolds (John Deere)
- Designing better maps-A guide for GIS users by Cynthia A Brewer.(ESRI Press)
- <http://www.ianrpubs.unl.edu/epublic/live/ec704/build/ec704.pdf>
- <http://www.ianrpubs.unl.edu/epublic/live/ec154/build/ec154.pdf>

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