

<b>FARM MAPPING</b>
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**Superintendent:** Barry Johnson (696-1146)

**4-H Resources:** Farm Mapping worksheet

All posters, notebooks and display boards **MUST** include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of the notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibit for the manner in which references are listed.

**PROJECT REQUIREMENTS:**

**DIVISION 1:**

1. Obtain a copy of an aerial map of your farm. (Available from the Natural Resources Conservation Office.)
2. Identify major boundaries of your farm, buildings, woods, waterways, field rows, and number the fields on your farm.
3. Transfer this information to a horizontal poster 22" x 28", stiff backed, plastic covered, and any color. Identify the fields by number as they are tilled. It is a good idea to use symbols to represent water, buildings, trees, etc. You may choose to use whatever size scale you wish, but be sure it is uniform throughout the poster. It is not necessary to use an aerial map.

**DIVISION 2:**

1. Take a soil test.
2. Identify the different types of soil on your farm by obtaining a list of the major soil types in the county and locating them on your map.
3. Locate and identify drainage problems on your farm.
4. Transfer this information to a horizontal 22" x 28" poster, stiff backed, plastic covered, and any color.

**DIVISION 3:**

1. Identify the weed and insect problems found on your farm, and what you do to combat them.
2. Using the numbered field system, identify the different crops planted on your farm.
3. Identify the different fertilizers, herbicides, and insecticides applied to the fields on your farm.
4. Transfer this information to a horizontal, 22" x 28" poster, stiff backed, plastic covered, and any color.

**ADVANCED:**

Using the detailed description of your farm that you have compiled in Divisions 1-3 study the different types of tillage systems and identify which ones would work on your farm.

**POSTER RULE:** All posters should be 22" x 28", horizontal, plastic covered, stiff backed, and any color.