



- 1** Monitoring disease is important on a corn farm to keep the crop healthy. Your task is to look for Grey Leaf Spot – a disease caused by a fungus. This disease looks like small grey rectangles in the leaf where the leaf tissue has died. Which of the photos do you think shows Grey Leaf Spot? _____
- 2** Farmers use GPS on their combines to keep track of how much corn is harvested in every part of the field. This map shows areas with very high yields in red and areas of very low yields in blue. Did this field have more areas of high-yielding corn or more areas of low-yielding corn? _____
- 3** The tassel is where pollen is produced by corn. It takes one piece of pollen to make one kernel of corn. Corn plants can self-pollinate, but almost all corn in the U.S. is a hybrid – meaning the pollen from one line of corn pollinates another line of corn. The offspring of a hybrid cross has a special title. What is it? _____
- 4** Corn can be made into an ethanol fuel to blend into regular gasoline. 1 bushel of corn can produce 2 ½ gallons of ethanol. If this corn shown in this photo produced 50 bushels of corn, how many gallons of ethanol could be produced? _____