Figure 1. Illinois Corn Yields, 1960-2007

1960-1995: +1.5 bu./yr.

1996-2007: +3.4 bu./yr.
Figure 2. Estimated Trends in Illinois, Indiana, and Iowa Corn Yields after Adjusting for the Effect of Weather, 1960-2007
Figure 3. Key Illinois Weather Variables for Corn Production, 1960-2007
Panel A. Total June-July Precipitation

Average = 8.4"

Panel B. Average July-August Temperature

Average = 73.2°

Figure 4. Key Indiana Weather Variables for Corn Production, 1960-2007
Figure 5. Key Iowa Weather Variables for Corn Production, 1960-2007

Panel A. Total June-July Precipitation

Precipitation (inches)

Temperature (degrees Fahrenheit)

Average = 8.7"

Panel B. Average July-August Temperature

Average = 72.9°

Figure 5. Key Iowa Weather Variables for Corn Production, 1960-2007
Figure 6. Weather and Technology Regression Model Errors for Corn Yields in Illinois, Iowa, and Indiana, 1960-2007
Figure 7. Illinois Corn Yields over 1940-2007 and Alternative Trend Yield Projections to 2030