Figure 1. Estimated farm energy use, 1998

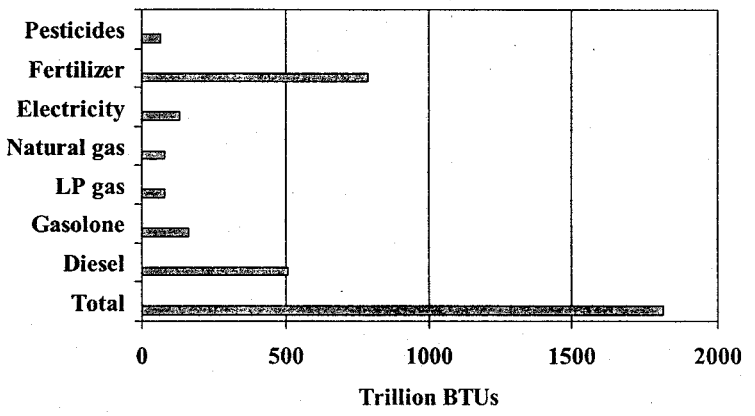


Figure 2. Farm output per unit of energy

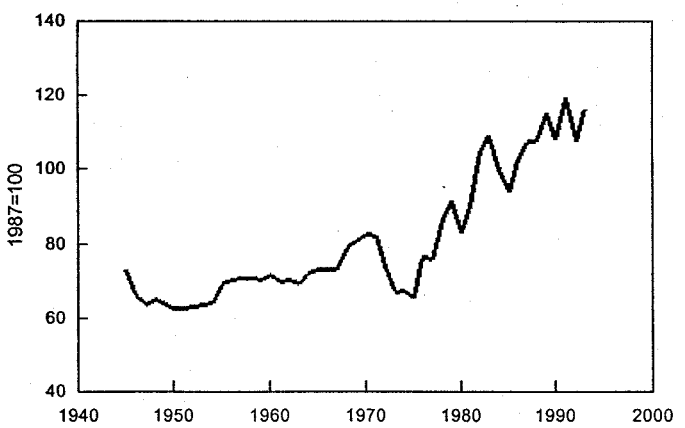


Figure 3. Direct energy expenditures as percent of total production expenses, 1998

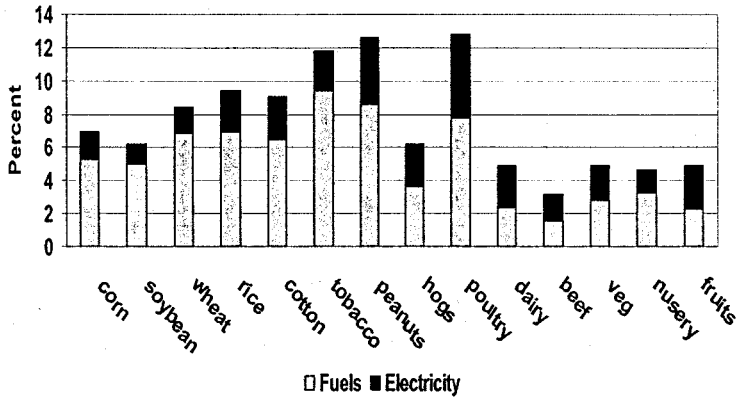


Figure 4. Anhydrous Ammonia and Natural Gas Prices

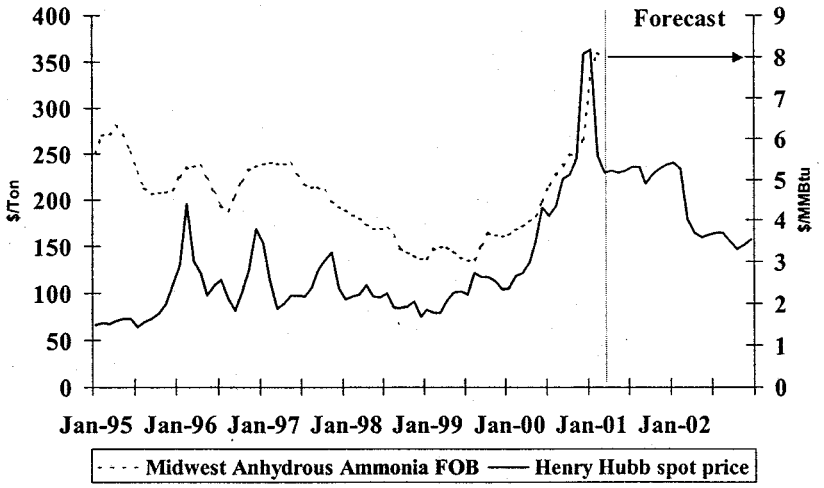
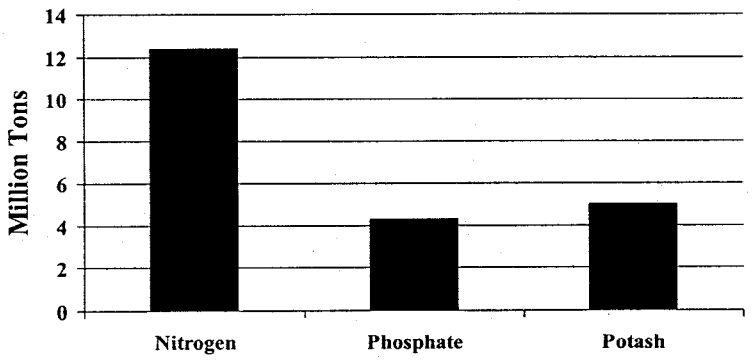


Figure 5. U.S. Agriculture Fertilizer Use, 1999



Source: Association of American Plant Food Control Officials

Figure 6. Typical nitrogen application rates

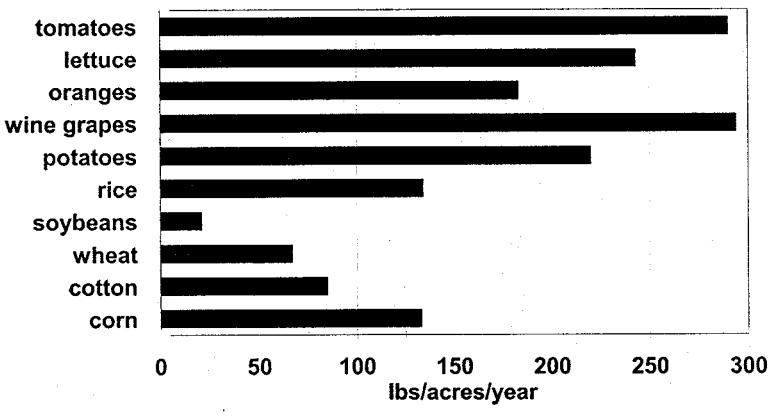


Figure 7. USDA Price Indices for Nitrogen and Potash/Phosphate

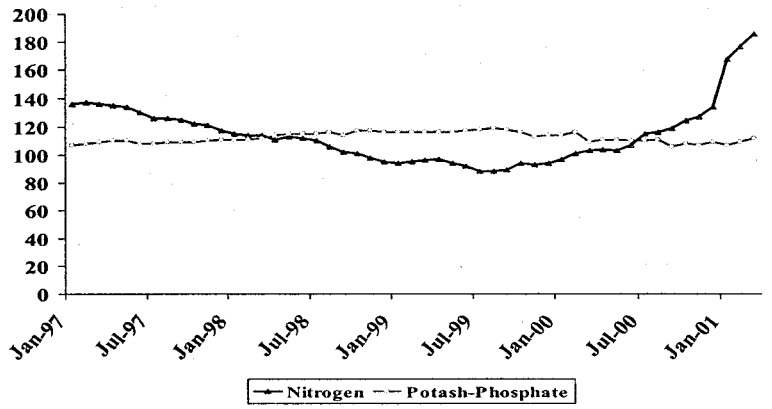
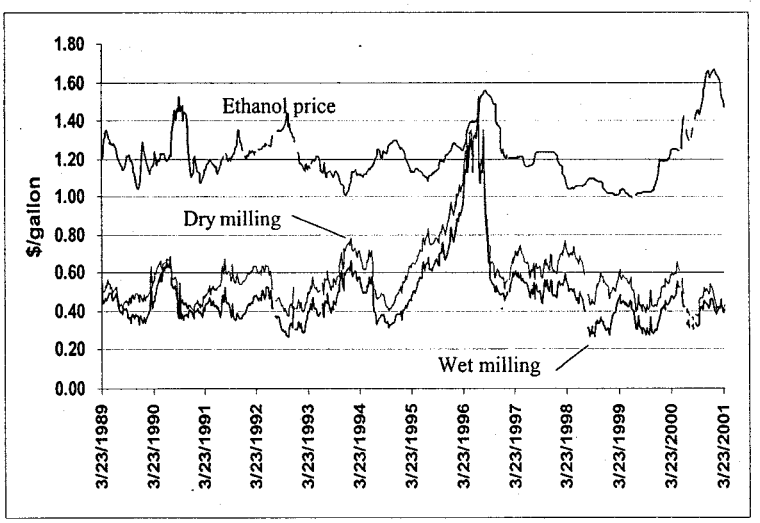



Figure 9. Net corn cost for ethanol producers