INDEX OF FAST CD RESOURCES

HOW TO USE THE CD

FAST SPREADSHEET TOOLS

Financial Analysis
Simple Balance Sheet: Prepares financial statements for a farm based on beginning and ending balance sheets and revenue and expense items.
Benchmark Ratio Analysis: Provides key ratio calculations and benchmarks for Illinois farms based on Sales, Age, Farm Type, Tenure, and All Farms.
Ratio Calculator: Calculates key financial performance ratios and identifies strengths or weaknesses of various ratios.
Cash Flow Planning: Prepares monthly pro-forma flows for an operation.
Cash to Accrual Income Approximation: Approximates accrual income from a Schedule F.
Repayment Capacity Analysis: Computes the income level needed to support debt payments, income taxes and family living expenses.
Net Worth Allocation: Computes net worth allocation of market value net worth into valuation equity and retained earnings.
Investment Analysis
Capital Budgeting: Computes net present value, compares price and terms, evaluates IRR and MIRR for basic capital budgeting/investment analysis programs.
Grain Bin Analysis: Evaluates the feasibility of purchasing a grain bin.
Land Purchase Analysis: Calculates maximum bid prices for farmland and sensitivity to terms.
Lease vs. Purchase: Compares lease vs. purchase alternative and calculates the terms to make the options equivalent in NPV.
Machinery Financing: Calculates annualized cash flows for different methods of financing machinery acquisitions.
MACRS Calculator: Calculates tax depreciation schedules for depreciable items.
Savings Calculator: Calculates the time value of earnings of investing money.
Time Value of Money Tools: Computes interest rate factors and solves basic time value of money problems.
Loan Analysis
Loan Amortization: Calculates principal, interest and outstanding balance.
Loan Comparison: Compares loan terms across different loans.
Revolving Loan Calculator: Keeps track of accrued interest and revolving loans.

Grain Marketing and Management
Crop Storage Analysis: Calculates breakeven prices for storage and compares breakeven prices to projected prices.
Grain Delivery Model: Calculates revenue and costs for delivering grain to three different points.
Grain Inventory Management: Tracks grain inventory from harvest to sale.
Risk Management
Crop Insurance Historical Evaluator: Examines payments from crop insurance products for corn and soybeans.
Farm Rent Evaluator: Compares the risks and returns for 7 different types of farm leases.
Marketing and Crop Insurance Risk Model: Measures the risk exposure of alternative crop insurance programs and marketing plans.

Yield and Land Database Utilities
Illinois Crop Yield Database: Used to access historic crop yield data from the period 1972-2002 for corn, soybeans, and wheat; sortable by state total, county level, and NASS crop reporting district.
Iowa Crop Yield Database: Used to access historic crop yield data from the period 1972-2003 for corn, soybeans, and wheat; sortable by state total, county level, and NASS crop reporting district.
Illinois Farmland Sales Database: Database tool used to retrieve and analyze actual Illinois Farmland Sales data from 1970-2000 forecast. Price per acres, acreage, and turnover statistics, as well as individual parcel information can be accessed, and screened by specific acreage and price criteria. Tabular and graphical reports generated by time period and location selected.

Help: Program Descriptions
Visit Farmdoc: FAST Tools Web Site

FAST Case Studies and Program Descriptions
Cash Flow Planning – Hoosiers: Generates an annual profitability and cash flow for an example farm operation, “Hoosiers.”
Simple Balance Sheet – Prior Case: Generates financial statements for an example farm operation, “Prior.”
Enterprise Allocate: Generates cost of production for enterprises using alternative allocation procedures for an example farm operation, “Allis.”

INSTALL CD RESOURCES
Install Tools and Resources CD to Hard Drive
Acrobat Reader Install
Acrobat Reader Web Site

HOW TO USE THE CD
Directions for using the FAST Tools and Resources CD

CD CONTENTS
Index of FAST CD

EXPLORE CD RESOURCES
By clicking this button, you are directed to the C: of your computer using Windows Explorer. While in Windows Explorer, click on Program Files. To locate information found on the FAST CD, click on FAST Resources. The spreadsheets are in the “Spreadsheets” folder and the program descriptions are in the “Program Descriptions” folder.
INDEX OF FAST CD RESOURCES

AGMAS Reports
2004
The Profitability of Technical Analysis: A Review
Crop Farmers’ Use of Market Advisory Services
Advisory Service Marketing Profiles for Soybeans in 2001
Advisory Service Marketing Profiles for Corn in 2001
2003
Understanding USDA Corn and Soybean Production Forecasts: An Overview of Methods, Performance and Market Impacts
The Pricing Performance of Market Advisory Services in Corn and Soybeans Over 1995-2001
Advisory Service Marketing Profiles for Soybeans Over 1995-2000
Advisory Service Marketing Profiles for Corn Over 1995-2000
Portfolios of Agricultural Market Advisory Services: How Much Diversification is Enough?
New Generation Grain Marketing Contracts

CROP INSURANCE RESOURCES
Guidelines For Choosing Among Crop Products
CAT: Catastrophic Insurance
Strong farm financial position, low yield variability, no crop disasters
APH: Actual Production History Insurance
Moderate to vulnerable financial position, use of pre-harvest hedging, high yield variability, some high-risk farmland
IP or RA-BP: Income Protection Insurance/Revenue Assurance Insurance
Moderate to vulnerable financial position, little use of pre-harvest hedging, desires a revenue guarantee
CRC or RA-HP: Crop Revenue Coverage Insurance/Revenue Assurance Insurance
Moderate to vulnerable financial position, aggressive use of pre-harvest hedging, desires a revenue guarantee
GRP: Group Risk Plan Insurance
Strong financial position, relatively high-quality farmland or farm yields closely track county yields, use of pre-harvest hedging
GRIP-NoHR: Group Risk Income Plan Insurance
Strong financial position, relatively high-quality farmland or farm yields closely track county yields, little use of pre-harvest hedging
GRIP: Group Risk Income Plan Insurance
Strong financial position, relatively high-quality farmland or farm yields closely track county yields, little use of pre-harvest hedging

FARM INCOME 2005 PROCEEDINGS
Farm Income Situation
Outlook for Commodity Prices
More Corn and Less Soybeans? Does it Pay?
The WTO, the Federal Budget, and Future Farm Policy
FAST Tools: Hands-on Computer Applications
Farmland Markets in Illinois: Historical Context and Contemporary Issues
Legal Checkup: Land and Recreation Use Liabilities
Sizing up Your Marketing Advisory Program
Executive Summary: All Presentations

FARM MANAGEMENT RESOURCES
Farm Economics: Facts and Opinions
Advance Report: 2003: Farm Income and Production Cost Summary
Costs of Operating Machinery
Summary
Combines
Tractors
Field Operations
Forage Operations
Costs of Production
Cost to produce corn and soybeans
Hog production costs and profits by quarter
Costs to produce hogs
Costs to produce milk
Costs to produce beef
Family Living Expenditures
Crop Budgets
Corn following corn
Corn following soybeans
Soybeans
Wheat
Double crop soybeans
Alfalfa - establishment year
Alfalfa - after establishment
Crop Revenue Less Variable Costs
Northern Illinois
Central Illinois, high productivity level
Central Illinois, low productivity level
Southern Illinois
Hog Budgets
Nursery and finishing costs
Farrowing costs for weaned pigs
Feeder pig and farrow-to-finish costs
Quantities for different feed conversions
Feed costs for different feed conversions
Break-even feeder pig prices
Break-even feeder pig prices for different prices
Investment costs for nursery and finishing buildings
Historic costs for finishing pigs from 45 to 255 pounds
Historic costs for finishing pigs from 10 to 255 pounds
Farmland Index Numbers
Editable Leasing Forms
Cash rent lease
Crop share lease
Share Rent Leasing Characteristics by Crop Reporting District
Northwest
Northeast
Western
Central
Eastern
West Southwest
East Southwest
Southeast
Southwest

FINANCIAL MANAGEMENT RESOURCES
A Farmer’s Guide to Agricultural Credit
Getting Ready to Prepare a Balance Sheet
Financial Statement Primer: Slideshow
Credit Analysis Reports
Family Living Tables
Financial Characteristics 2002-2003
Financial Characteristics Historical Tables
Machinery Investment Per Acre
Time Value of Money Concepts
Investment Analysis and Capital Budgeting Guide
INDEX OF FAST CD RESOURCES

GRAIN MARKETING RESOURCES
  Weekly Outlook Newsletter
  Grain Price Outlook Newsletter

ILLINOIS RURAL POLICY CENTER DIGEST

LAW AND TAXATION PUBLICATIONS
  Starlink
    Non-StarLink Farmer Litigation: Where Is My Settlement Payment?
    How Much Is It? What Do I Do When It Arrives? How Is It Taxed?
  Agricultural Biotechnology
    Regulating Genetically Engineered Foods
    Biotechnology and the Pew Initiative
  Selling Agricultural Products
    New Assessments On Farmers And Lender
    Greater Protection To Farmers And Lenders If A Grain Elevator Fails
  Acquiring Farmland
    Lease Forms (Cash and Crop Share)
    The Illinois Landlord's Lien: Securing Agricultural Rent Payments after August 21, 2002
    Notice to Terminate Farm Leases
    Water, Natural Resources & Environment
  Illinois Drainage
    Using Water From Streams
    Using Groundwater
    Pesticide Drift
  Labor Law
    Child Labor Law
  Taxation
    Internal Revenue Code §179 Expensing
    New 50% Special Depreciation Allowance
    Combing the 30%/50% Special Depreciation Allowance with the IRC §179 Expensing Allowance
    Taxation of Commodity Credit Loans
    Agricultural Labor Taxation
    Self Employment Tax on CRP Payments
    Self Employment Tax on Rented Farmland
    Charitable Contributions of Commodities