FAPRI Beginning Farmer and Rancher Development Project

Online Decision Making Tools Summary

FAPRI-MU Report #16-10

Providing objective analysis for over 25 years
Online Decision Tools

During the research process the following general guidelines were considered. The tool...

- Is of no cost.
- Is downloadable or online accessible.
- Has an application or tool, not just informative.
- Is from a reputable source.

The tool must be able to do one or more of the following...

- Calculate a production or input cost.
- Calculate and/or compare returns provided differing factors.
- Compare economic impacts given differing factors.
- Assist in making a financial decision.

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CROPS
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: [http://www.agmanager.info/farmmgt/machinery/default.asp#3](http://www.agmanager.info/farmmgt/machinery/default.asp#3)

Sponsor: Kansas State AgManager.Info

Name: GPS Guidance

Format: Downloadable Excel File

Entities Supported: Crops

Description: Excel spreadsheet for evaluating the economics of machine guidance and section control investment. There is no corresponding paper; however, the spreadsheet contains "mouse overs" which provide the necessary explanations.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: [http://www.agmanager.info/farmmgt/machinery/default.asp#3](http://www.agmanager.info/farmmgt/machinery/default.asp#3)

Sponsor: Kansas State  AgManager.Info

Name: OwnSprayer

Format: Downloadable Excel File

Entities Supported: Crops

Description: Excel spreadsheet for evaluating the economics of owning a self-propelled crop sprayer. Accompanying paper (PDF file) is explanation of the inputs and output associated with the spreadsheet.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: [http://www.agmanager.info/farmmgt/machinery/default.asp#3](http://www.agmanager.info/farmmgt/machinery/default.asp#3)

Sponsor: Kansas State AgManager.Info

Name: OwnCombine

Format: Downloadable Excel File

Entities Supported: Crop

Description: Excel spreadsheet for evaluating the economics of owning and operating a combine. Helps make the decision on it is a better economic decision to buy or rent a baler.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: http://www.agmanager.info/farmmgt/machinery/default.asp#3

Sponsor: Kansas State AgManager.Info

Name: MachCost

Format: Downloadable Excel File

Entities Supported: Crops

Description: Excel spreadsheet for evaluating the total cost of owning and operating machinery by field operation. Accompanying paper (PDF file) is explanation of the inputs and output associated with the spreadsheet.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website:
http://www.agmanager.info/farmmgt/machinery/Tools/GuidanceSectionControlProfitCalculator.html

Sponsor: Kansas State AgManager.Info

Format: Online “Web Dashboard” & Downloadable Excel File

Entities Supported: Crops

Description: Online web tool for evaluating the economics of guidance system and section control technologies. Accompanying video (WMV) and written (PDF) users guide explanation of the inputs and output associated with the tool.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website:  http://agecon.okstate.edu/planner/

Sponsor: Oklahoma State Extension

Name: Wheat vs Wheat Stocker Production Planner

Format: Downloadable Excel File

Entities Supported: Wheat

Description: The wheat and wheat-stocker production planner enables a user to describe farm-specific situations and to compare the economic consequences of alternative uses of land seeded to wheat. It is a microcomputer decision aid program developed to assist wheat producers evaluate the economic consequences of alternative wheat and wheat-stocker production systems.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website:  http://agecon.okstate.edu/planner

Sponsor: Oklahoma State Extension

Name: Wheat and Wheat Stocker Production Planner

Format: Downloadable Excel File

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Description: The wheat and wheat-stocker production planner enables a user to describe farm-specific situations and to compare the economic consequences of alternative uses of land seeded to wheat. It is a microcomputer decision aid program developed to assist wheat producers evaluate the economic consequences of alternative wheat and wheat-stocker production systems.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: http://aede.osu.edu/Programs/FarmManagement/Budgets/download.htm

Sponsor: The Ohio State University

Name: Machinery Rental Rates Calculator

Format: Downloadable Excel File

Entities Supported: Crops

Description: The Machinery Rental Rates Calculator takes user input to determine the recommended rate for renting material. This uses the 2008 Custom Rates Fact Sheet, and/or the Custom Rate Calculator above to get the current custom rate data to determine these recommendations.
Website: http://aede.osu.edu/Programs/FarmManagement/Budgets/download.htm

Sponsor: The Ohio State University

Name: Custom Rate Calc

Format: Downloadable Excel File

Entities Supported: Crops

Description: The Custom Rate Calculator calculates a more accurate portrayal of the current Custom Rates based on the increase in fuel prices. Using the cost of fuel during the time of 2008 Custom Rate Survey collection, this will calculate newer custom rate numbers based on current fuel prices.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website:
http://aede.osu.edu/Programs/FarmManagement/Budgets/download.htm

Sponsor: The Ohio State University

Name: Crop Share Calculator

Format: Downloadable Excel File

Entities Supported: Crops

Description: The Crop-Share Lease Calculator is a tool designed to allow the user to input costs and shares of each to fairly allocate revenue in a crop share lease arrangement. This tool shows the tenant and landowner returns above total costs given share percentages and costs.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: [http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=farm](http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=farm)

Sponsor: University of Illinois

Name: Rotation Tool

Format: Downloadable Excel File

Entities Supported: Corn/Soybean/Wheat

Description: User can calculate the returns of changing corn/soybean/wheat rotations to decide which specific rotation will maximize returns in their situation.
Beginning Farmer and Rancher

*Online Decision, Management and Educational Tools*

Website: [http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=farm](http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=farm)

Sponsor: University of Illinois

Name: Farmland Lease Analysis

Format: Downloadable Excel File

Entities Supported: Crop

Description: Calculates the revenues received, costs, and returns for share rent, cash rent, and dry bushel farmland leases.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=farm

Sponsor: University of Illinois

Name: Crop Insurance Calculator

Format: Downloadable Excel File

Entities Supported: Crops

Description: This program calculates gross revenue under certain crop insurance revenues.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=farm

Sponsor: University of Illinois

Name: Corn/Soybean Rotation Tool

Format: Downloadable Excel File

Entities Supported: Corn/Soybean

Description: User can calculate the returns of changing corn and soybean rotations to maximize profitability.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=farm

Sponsor: University of Illinois

Name: Crop Budgeting Tool with Breakeven Analysis

Format: Downloadable Excel File

Entities Supported: Crop

Description: User can calculate per-acre budgets for various crops. Budgets can then be used to formulate a whole farm budget and calculate breakeven points. Projected financial statements and return sensitivities are calculated.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=farm

Sponsor: University of Illinois

Name: ACRE Payment Estimator

Format: Downloadable Excel File

Entities Supported: Crop

Description: Allows user to estimate the amount their ACRE payments will be if enrolled in the program.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=farm

Sponsor: University of Illinois

Name: ACRE Comparison Program

Format: Downloadable Excel File

Entities Supported: Crop

Description: Program compares the payments under ACRE and Traditional commodity program options that are available in the 2008 Farm Bill. Assists producers in decisions on which programs to enroll in.
Beginning Farmer and Rancher

*Online Decision, Management and Educational Tools*

Website: [http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=financial](http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=financial)

Sponsor: University of Illinois- Farmdoc

Name: Fast Tool- Late Planting Evaluator

Format: Downloadable Excel File

Entities Supported: Crops

Description: This program is designed to aid farmers evaluate the economic alternatives of late planting for three options given that a crop has not been planted.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: [http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=invest](http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=invest)

Sponsor: University of Illinois- Farmdoc

Name: Grain Bin Analysis

Format: Downloadable Excel File

Entities Supported: Grain

Description: This program evaluates the feasibility of purchasing a grain bin on a farming operation.
Website: [http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=grain](http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=grain)

Sponsor: University of Illinois

Name: Grain Pricing Model

Format: Downloadable Excel File

Entities Supported: Grain

Description: Program estimates future distribution of corn and soybean prices based on futures prices and options premiums.
Website: http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=grain

Sponsor: University of Illinois

Name: Crop Storage Analysis

Format: Downloadable Excel File

Entities Supported: Crops

Description: Calculates breakeven prices for storage and compares breakeven prices to projected prices.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=grain

Sponsor: University of Illinois

Name: Grain Inventory Model

Format: Downloadable Excel File

Entities Supported: Grain

Description: This program is used as an accounting system to track grain inventory from harvest to sale.
Website: [http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=grain](http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=grain)

Sponsor: University of Illinois

Name: Grain Delivery Model

Format: Downloadable Excel File

Entities Supported: Grain

Description: Allows user to compare the net returns of delivering grain to alternative locations.
Website: [http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=grain](http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=grain)

Sponsor: University of Illinois

Name: Corn & Soybean Basis Tool

Format: Downloadable Excel File

Entities Supported: Corn/Soybean

Description: The user can calculate, monitor, and evaluate the nearby basis, as well as cash and nearby futures prices for corn and soybeans in a given year.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: [http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=risk](http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=risk)

Sponsor: University of Illinois

Name: Farm Rent Evaluator

Format: Downloadable Excel File

Entities Supported: Crops

Description: This program compares the risks and returns of different leases
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=risk

Sponsor: University of Illinois

Name: Marketing and Crop Insurance Risk Model

Format: Downloadable Excel File

Entities Supported: Crops

Description: User can estimate the impact alternative risk management strategies have on gross revenue distributions.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=risk

Sponsor: University of Illinois

Name: 2011 Crop Insurance Decision Tool

Format: Downloadable Excel File

Entities Supported: Crops

Description: Calculates premiums, evaluates insurance payments, and provides historical data useful when making crop insurance decisions for multiple crops. Estimates are for crops in states that are harvested in 2010
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=data

Sponsor: University of Illinois

Name: Iowa Crop Yield Database

Format: Downloadable Excel File

Entities Supported: Crops

Description: Used to access historic crop yield data from 1972-2008. Sort able by state total, county level, and NASS crop reporting district.
Website: [http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=data](http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=data)

Sponsor: University of Illinois

Name: Indiana Crop Yield Database

Format: Downloadable Excel File

Entities Supported: Crops

Description: Used to access historic crop yield data from 1972-2008. Sort able by state total, county level, and NASS crop reporting district.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=data

Sponsor: University of Illinois

Name: Illinois Crop Yield Database

Format: Downloadable Excel File

Entities Supported: Crops

Description: Used to access historic crop yield data from 1972-2008. Sort able by state total, county level, and NASS crop reporting district.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: [http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=data](http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=data)

Sponsor: University of Illinois

Name: Minnesota Crop Yield Database

Format: Downloadable Excel File

Entities Supported: Multiple

Description: Used to access historic crop yield data from 1972-2008 for corn, soybean, and wheat; sortable by state total, county level, and NASS crop reporting district. Can assist in making decisions on enrollment in government programs.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: http://westcentral.unl.edu/agecon2

Sponsor: University of Nebraska- Ag Econ

Name: Corn or Soybeans after Corn?

Format: Downloadable Excel File

Entities Supported: Crops

Description: File allows producer to use commodity prices and various input costs to decide what crop to plant after corn. File include an irrigated and dry land option.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: http://westcentral.unl.edu/agecon2

Sponsor: University of Nebraska- Ag Econ

Name: Sorghum or Soybeans after Wheat

Format: Downloadable Excel File

Entities Supported: Crops

Description: File allows producer to use commodity prices and various input costs to decide whether to plant sorghum or soybeans after wheat. File includes an irrigated and dry land option.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: http://westcentral.unl.edu/agecon2

Sponsor: University of Nebraska- Ag Econ

Name: Established Wheat or Corn

Format: Downloadable Excel File

Entities Supported: Crops

Description: File allows producer to use commodity prices and various input costs to decide whether to plant established wheat or corn. File includes an irrigated and dry land option.
Beginning Farmer and Rancher

*Online Decision, Management and Educational Tools*

Website: [http://westcentral.unl.edu/agecon2](http://westcentral.unl.edu/agecon2)

Sponsor: University of Nebraska- Ag Econ

Name: Soybeans or Sorghum after Soybeans

Format: Downloadable Excel File

Entities Supported: Crops

Description: File allows producer to use commodity prices and various input costs to decide whether to plant soybeans or sorghum after soybeans. File includes an irrigated and dry land option.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: [http://westcentral.unl.edu/agecon2](http://westcentral.unl.edu/agecon2)
Sponsor: University of Nebraska- Ag Econ
Name: Corn or Sorghum after Soybeans
Format: Downloadable Excel File
Entities Supported: Crops
Description: File allows producer to use commodity prices and various input costs to decide whether to plant corn or sorghum after soybeans. File includes an irrigated and dry land option.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: http://westcentral.unl.edu/agecon2

Sponsor: University of Nebraska- Ag Econ

Name: Corn or Sorghum after Wheat

Format: Downloadable Excel File

Entities Supported: Crops

Description: File allows producer to use commodity prices and various input costs to decide whether to plant corn or sorghum after wheat. File includes an irrigated and dry land option.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: http://westcentral.unl.edu/agecon2

Sponsor: University of Nebraska- Ag Econ

Name: Corn or Soybeans after Wheat

Format: Downloadable Excel File

Entities Supported: Crops

Description: File allows producer to use commodity prices and various input costs to decide whether to plant corn or soybeans after wheat. File includes an irrigated and dry land option.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: http://westcentral.unl.edu/agecon2

Sponsor: University of Nebraska- Ag Econ

Name: Corn or Soybeans after Soybeans

Format: Downloadable Excel File

Entities Supported: Crops

Description: File allows producer to use commodity prices and various input costs to decide whether to plant corn or soybeans after soybeans. File includes an irrigated and dry land option.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: [http://westcentral.unl.edu/agecon2](http://westcentral.unl.edu/agecon2)

Sponsor: University of Nebraska- Ag Econ

Name: Corn or Soybeans after Corn?

Format: Downloadable Excel File

Entities Supported: Crops

Description: File allows producer to use commodity prices and various input costs to decide what crop to plant after corn. File include an irrigated and dry land option.
Website: http://driftwood.unl.edu/weedsoft/YieldLossCalc/YieldLossTwo.php

Sponsor: University of Nebraska- Lincoln

Name: WeedSOFT Yield Loss Calculator

Format: Online

Entities Supported: Crop

Description: This is a tool to estimate the season-long yield loss, as well as the yield loss that has already occurred, for a crop at a particular growth stage. It will also estimate the additional yield loss that may occur if you delay treatment.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: http://driftwood.unl.edu/weedsoft/TankMixCalc/TankMixTwo.php

Sponsor: University of Nebraska- Lincoln

Name: WeedSOFT Tank Mix Calculator

Format: Online

Entities Supported: Crop

Description: This is a tool to help you calculate the amount of herbicide needed for a field and the amounts to add per tank load.
DAIRY
**Dairy Profitability Tool**

**Format:** Downloadable Excel File

**Entities Supported:** Dairy

**Description:** The program calculates the breakeven prices for a dairy operation including group feeding cost summaries. A net income summary on a per cwt, per cow and per farm basis after all costs is also generated.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: http://www.dairymgt.info/tools.php#1

Sponsor: University of Wisconsin

Name: Wisconsin Dairy Farm Ratio Benchmarking Tool

Format: Downloadable Excel File

Entities Supported: Dairy

Description: The Wisconsin Dairy Farm Ratio Benchmarking is a spreadsheet based tool especially created for this project. It compares dairy farm's financial status with +500 dairy farms in the State of Wisconsin.
Website: [http://www.dairymgt.info/tools.php#1](http://www.dairymgt.info/tools.php#1)

Sponsor: University of Wisconsin

Name: Return to Labor

Format: Downloadable Excel File

Entities Supported: Dairy

Description: Calculates the cow's return to labor or the net revenue of a cow before covering the costs of labor
Website: [http://www.dairymgt.info/tools.php#1](http://www.dairymgt.info/tools.php#1)

Sponsor: University of Wisconsin

Name: Seasonal Prediction of Manure Excretion

Format: Downloadable Excel File

Entities Supported: Dairy

Description: Predicts seasonal manure excretion of lactating cows
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: http://www.dairymgt.info/tools.php#1

Sponsor: University of Wisconsin

Name: Dairy Nutrient Manager

Format: Downloadable Excel File

Entities Supported: Dairy

Description: Balances nutrients according to user-defined crops planted, soil analyses, effluent irrigated, dry manure applied, and chemical fertilizers supplemented
Website:

http://www.uwex.edu/ces/ag/costofproductiondecisionmakingtools.html

Sponsor: University of Wisconsin

Purpose: Spreadsheet for calculating the cost of producing milk

Format: Downloadable Excel File

Entities Supported: Dairy

Description: This worksheet looks at three methods (per unit sold, residual claimant, equivalent production) commonly used to calculate the cost of production. Developed by Dr. Gary Frank, Emeritus Professor, Center for Dairy Profitability.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: [http://www.dairymgt.info/tools.php#1](http://www.dairymgt.info/tools.php#1)

Sponsor: University of Wisconsin

Name: Loan Calculator

Format: Downloadable Excel File

Entities Supported: Dairy

Description: Calculates the principal and interest to be paid for user defined loan amount, interest rate, and period of payments
Website: [http://www.dairymgt.info/tools.php#1](http://www.dairymgt.info/tools.php#1)

Sponsor: University of Wisconsin

Name: LGM- Dairy Premium Sensitivity

Format: Downloadable Excel File

Entities Supported: Dairy

Description: Graphs the gross margin guarantee and premium of a livestock gross margin (LGM-Dairy) insurance contract to selected levels of feed such as corn and soybean meal equivalents to cover together with every cwt of milk.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website:  http://www.dairymgt.info/tools.php#1

Sponsor: University of Wisconsin

Name: Heifer Replacement

Format: Downloadable Excel File

Entities Supported: Dairy

Description: Calculates the number of heifers needed as replacement to maintain constant the herd size in the long-term
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website:  http://www.dairymgt.info/tools.php#1

Sponsor: University of Wisconsin

Name: Heifer Break-Even

Format: Downloadable Excel File

Entities Supported: Dairy

Description: Calculates the total cost of raising heifers in three points in time: at 12 months, 24 months, and after 24 months
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: [http://www.dairymgt.info/tools.php#1](http://www.dairymgt.info/tools.php#1)

Sponsor: University of Wisconsin

Name: Grazing N

Format: Downloadable Excel File

Entities Supported: Dairy

Description: Application that estimates the N balance for grazing activity of dairy heifers or dry cow
**Beginning Farmer and Rancher**

*Online Decision, Management and Educational Tools*

Website: [http://www.dairymgt.info/tools/sexedsemen/EV_SexedSemen.swf](http://www.dairymgt.info/tools/sexedsemen/EV_SexedSemen.swf)

Sponsor: University of Wisconsin

Name: Economic Value of Sexed Semen Program for Dairy Heifers

Format: Online

Entities Supported: Dairy

Description: Estimates the difference of the net present value of various sexed semen reproductive programs and a conventional semen reproductive program for dairy heifers.

![Economic Value of Sexed Semen Programs for Dairy Heifers](http://www.dairymgt.info/tools/sexedsemen/EV_SexedSemen.swf)
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website:  http://www.dairymgt.info/tools.php#1

Sponsor: University of Wisconsin

Name: Reproductive Economic Analysis Tool

Format: Downloadable Excel File

Entities Supported: Dairy

Description: Calculates and compares the economic value of dairy reproductive programs including timed artificial insemination (TAI), heat detection (HD), and combinations of TAI and HD programs. It applies probabilistic reproduction survival curves with expected monetary values to assess the net present value (NPV) of defined reproductive programs.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: http://www.dairymgt.info/tools.php#1

Sponsor: University of Wisconsin

Name: Decision System for Production and Expansion

Format: Downloadable Excel File

Entities Supported: Dairy

Description: The DE-DSS is designed to help dairy producers explore “what-if” situations as they predict changes in dairy production and expansion. Dairy producers using the tool are able to forecast changes in herd structure for all calves, heifers, and cows.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: [http://www.dairymgt.info/tools.php#1](http://www.dairymgt.info/tools.php#1)

Sponsor: University of Wisconsin

Name: Dynamic Dairy Farm Model

Format: Downloadable Excel File

Entities Supported: Dairy

Description: DyNoFlo performs dynamic nitrogen balances of entire dairy farm systems. DyNoFlo was created for North Florida Dairy Farms, but it can be customized by the input data.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: [http://www.dairymgt.info/tools.php#1](http://www.dairymgt.info/tools.php#1)

Sponsor: University of Wisconsin

Name: Corn Feed Strategies

Format: Downloadable Excel

Entities Supported: Dairy

Description: Calculates the income over feed cost (IOFC), the marginal value of milk to corn, and the optimal level of corn usage for defined milk price, feed costs, and stage of lactation.
Website: [http://www.dairymgt.info/tools.php#1](http://www.dairymgt.info/tools.php#1)

Sponsor: University of Wisconsin

Name: The 4-State Dairy Extension Feed Cost Evaluator

Format: Online or Downloadable Excel

Entities Supported: Dairy

Description: Benchmarks feed costs and income over feed cost (IOFC) for a group of participating herds
**Beginning Farmer and Rancher**

*Online Decision, Management and Educational Tools*

Website: [http://www.dairymgt.info/lgm/lgm_cov.php](http://www.dairymgt.info/lgm/lgm_cov.php)

Sponsor: University of Wisconsin

Name: Optimum Coverage for LGM- Dairy Insurance

Format: Downloadable Excel File and Online

Entities Supported: Dairy

Description: This application finds the monthly level of LGM-Dairy contract that gives you the least cost premium for a target income over feed cost.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: http://dairymgt.info/web/

Sponsor: University of Wisconsin

Name: Income over Feed Supplement Cost

Format: Online or Downloadable Excel

Entities Supported: Dairy

Description: Maximizes the income over feed supplement cost (IOFSC) for a fixed amount of forage used in the diet and graphs the IOFSC to a substitution of two selected feed supplements.
**Beginning Farmer and Rancher**

*Online Decision, Management and Educational Tools*

Website: [http://www.dairymgt.info/tools/rbST/bst.swf](http://www.dairymgt.info/tools/rbST/bst.swf)

Sponsor: University of Wisconsin

Name: Analysis of using bST

Format: Online

Entities Supported: Dairy

Description: Evaluates the cost/benefit of using recombinant bovine Somatotropin
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: [http://www.dairymgt.info/tools/mailbox/milkprice.swf](http://www.dairymgt.info/tools/mailbox/milkprice.swf)

Sponsor: University of Wisconsin

Name: Estimating Mailbox Milk Price

Format: Online

Entities Supported: Dairy

Description: Predicts your mailbox price according to expected Class III price and future month

![Image of the Estimating Your Mailbox Milk Price tool](image-url)

What is your best guess as to the Class III milk price? 12.51

What is the month of concern? January

Predicted Mailbox Price ($/cwt) $14.14
Website: [http://www.dairymgt.info/lgmfeeds/index.html](http://www.dairymgt.info/lgmfeeds/index.html)

Sponsor: University of Wisconsin

Name: LGM Dairy Feed Equivalent Calc

Format: Online

Entities Supported: Dairy

Description: The tool will provide the CP and NEL (Avg. 3x & 4x) for the selected feed (NRC, 2001)
**Beginning Farmer and Rancher**

*Online Decision, Management and Educational Tools*

Website:  [http://www.dairymgt.info/tools/lactationbench/benchmark1.swf](http://www.dairymgt.info/tools/lactationbench/benchmark1.swf)

Sponsor: University of Wisconsin

Name: Lactation Benchmark Curves

Format: Online

Entities Supported: Dairy

Description: Compares Wisconsin benchmark lactation curves with your own data. Benchmarks for 18,000 to 30,000 lb/cow/year of RHA and for parities 1, 2, 3 and higher from 3.6 million records provided by Wisconsin AgSource Cooperative Services.
Website: http://www.dairymgt.info/tools/DairyRation/Additive.swf

Sponsor: University of Wisconsin

Name: Dairy Ration Feed Additive Breakeven Analysis

Format: Online

Entities Supported: Dairy

Description: Estimates the break-even milk production needed to pay for a ration feed additive ingredient.
Beginning Farmer and Rancher

*Online Decision, Management and Educational Tools*

Website: [http://www.dairymgt.info/tools/cowvalue/CowVal.swf](http://www.dairymgt.info/tools/cowvalue/CowVal.swf)

Sponsor: University of Wisconsin

Name: Cow Value Calculator

Format: Online

Entities Supported: Dairy

Description: Calculates how much you can afford to pay for a cow if she does not add to the overhead costs
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: [http://www.dairymgt.info/tools/CostBenefit/Accelerated.swf](http://www.dairymgt.info/tools/CostBenefit/Accelerated.swf)

Sponsor: University of Wisconsin

Name: Cost-Benefit of Accelerated Liquid Feeding Program for Dairy Calves

Format: Online

Entities Supported: Dairy

Description: Evaluates the use of accelerated heifer feeding programs with respect to conventional feeding programs
Beginning Farmer and Rancher

*Online Decision, Management and Educational Tools*

Website: [http://www.dairymgt.info/tools/eco2x3x/Milk3X_1.swf](http://www.dairymgt.info/tools/eco2x3x/Milk3X_1.swf)

Sponsor: University of Wisconsin

Name: 2X to 3X Milking

Format: Online

Entities Supported: Dairy

Description: Estimates the economic benefit (or loss) of a change in the milking frequency from 2 times a day (2X) to 3 times a day (3X) based on user-defined parameters.
Website: [http://dairymgt.info/optigen/optigen.html](http://dairymgt.info/optigen/optigen.html)

Sponsor: University of Wisconsin

Name: Optigen Evaluator

Format: Online

Entities Supported: Dairy

Description: Calculates the economic value of using Optigen® with lactating cows. Optigen® replaces a user-defined source of protein and adds a user-defined source of energy.
LIVESTOCK
**Beginning Farmer and Rancher**  
*Online Decision, Management and Educational Tools*


**Sponsor:** Certified Angus Beef

**Purpose:** Calculate break even prices of cow/calf and feeder operations

**Format:** Downloadable Excel spreadsheet

**Entities Supported:** Cow/Calf & Feeder Cattle Operations

**Description:** Uses Finished Cattle Marketing, Feeder Calf Delivery, Feeding, and Grid Marketing parameters to calculate an estimated breakeven price of a calf crop and/or feeder cattle.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website:  http://www.beefextension.com/new%20site%202/cccalc.html

Sponsor: Oklahoma State Extension

Name: RanchCalc

Format: Downloadable Excel File

Entities Supported: Cow/Calf and Stocker

Description: can be used to input cow/calf and stocker information for an individual beef cattle operation. From these inputs, the program calculates net operating returns and annual cash flow for the ranch under different production-marketing alternatives available to the manager.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website:  http://www.beefextension.com/new%20site%202/cccalc.html

Sponsor: Oklahoma State Extension

Name: X-Breeding

Format: Downloadable File

Entities Supported: Beef

Description: From data entered by the user, this program generates profit or loss by industry segment for purebreds, two-breed terminal, three-breed terminal, three-breed rotational and three-breed special cross. It is capable of using up to 14 different breeds of cattle.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website:  http://www.beefextension.com/new%20site%202/cccalc.html

Sponsor: Oklahoma State Extension

Name: PRECON2001

Format: Downloadable Excel File

Entities Supported: Cattle Preconditioning

Description: PRECON2001 evaluates the economic aspects of preconditioning programs.
Website: http://www.beefextension.com/new%20site%202/cccalc.html
Sponsor: Oklahoma State Extension
Name: Inbreeding
Format: Downloadable Application
Entities Supported: Cow/Calf

Description: **Inbreeding** Calculates the inbreeding of all individuals in a given pedigree that may be stored as a data file or entered directly into the portion of the program that calculates inbreeding.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website:  http://www.beefextension.com/new%20site%202/cccalc.html

Sponsor: Oklahoma State Extension

Name: Cowgame

Format: Downloadable

Entities Supported: Cow/Calf

Description: **Cowgame** is a beef herd genetic simulation program. The player starts with a fifty cow herd and makes selections based upon weaning weight, feedlot gain or yearling weight. The next year's calf crop is generated during each session and the genetic information is saved so that future selections can be made. AI sires can also be used.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website:  http://www.beefextension.com/new%20site%202/cccalc.html

Sponsor: Oklahoma State Extension

Name: Cowculator

Format: Downloadable Excel File

Entities Supported: Cow/Calf Operations

Description: OSU Cowculator is a Windows based Computer software program designed to assist cattlemen in making informed decisions associated with beef cow nutrition. Animal criteria (such as cow weight, body condition, stage of production and breed), as well as the feed and forage library can be customized to each operation or to specific scenarios within an operation.
Beginning Farmer and Rancher
Online Decision, Management and Educational Tools

Website:  http://www.beefextension.com/new%20site%202/cccalc.html

Sponsor: Oklahoma State Extension

Name: Preconditioning Costs and Benefits

Format: Downloadable Excel File

Entities Supported: Beef

Description: Spread sheet allows producer to compare the increase or decrease in revenue that may come from using a preconditioning program compared to a traditional management program.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: http://www.beefextension.com/new%20site%202/cccalc.html

Sponsor: Oklahoma State Extension

Name: Cull Cow Calculator

Format: Downloadable Excel File

Entities Supported: Beef

Description: Budget tool for cull cows. Includes expenses and revenues to determine what the breakeven point will need to be to profit off of cull cows.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: http://www.beefextension.com/new%20site%202/cccalc.html

Sponsor: Oklahoma State Extension

Name: Cow Share

Format: Downloadable Excel File

Entities Supported: Beef

Description: Spread sheet to figure the expected income value of a cow herd.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website:  http://www.beefextension.com/new%20site%202/cccalc.html

Sponsor: Oklahoma State Extension

Name: Oklahoma Beef Calf Retention Decision Aid 2.0

Format: Downloadable Excel File

Entities Supported: Beef

Description: This aid is used to determine how many stages of retention that calves should be kept to maximize profitability. The stages included in the aid are weaning, preconditioning, grass and feedlot.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: http://www.agecon.purdue.edu/extensio/finance/

Sponsor: Purdue

Name: Measuring & Analyzing Farm Financial Performance

Format: Downloadable Excel

Entities Supported: Livestock

Description: These spreadsheets can be used for measuring the current financial position of the business and analyzing how changes will affect this position.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools


Sponsor: University of Illinois

Name: Cost of Feedstuffs Calculator

Format: Downloadable Excel File

Entities Supported: Livestock

Description: The user of this program can calculate per unit cost of energy and crude protein with the cost of the feed ingredients on an as-fed basis.
**Beginning Farmer and Rancher**

*Online Decision, Management and Educational Tools*


Sponsor: University of Illinois

Name: Beef Tool

Format: Downloadable Excel File

Entities Supported: Beef

Description: Calculates the cost of feed rations for beef cattle, as well as net income produced per cwt, per cow and per farm after all costs.
MULTIPLE ENTITIES
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: [http://www.agmanager.info/farmmgt/machinery/default.asp#3](http://www.agmanager.info/farmmgt/machinery/default.asp#3)

Sponsor: Kansas State AgManager.Info

Name: OwnTractor

Format: Downloadable Excel File

Entities Supported: Multiple

Description: Excel spreadsheet for evaluating the cost of owning a tractor. Accompanying paper (PDF file) is explanation of the inputs and output associated with the spreadsheet.
**Beginning Farmer and Rancher**  
*Online Decision, Management and Educational Tools*

Website: [http://www.agmanager.info/farmmgt/machinery/default.asp#3](http://www.agmanager.info/farmmgt/machinery/default.asp#3)

Sponsor: Kansas State AgManager.Info

Name: OwnBaler

Format: Downloadable Excel File

Entities Supported: Forage & Hay

Description: Excel spreadsheet for evaluating the total cost of owning and operating large round and square balers. Accompanying paper (PDF file) is explanation of the inputs and output associated with the spreadsheet.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: http://aede.osu.edu/Programs/FarmManagement/Budgets/download.htm

Sponsor: The Ohio State University

Name: Flexible Cash Lease Calculator

Format: Downloadable Excel File

Entities Supported: Multiple

Description: This flexible cash lease tool is intended to help landowners and tenants agree on terms of their flexible cash lease. This Flexible Cash Lease Calculator can assist users in developing a flexible cash rent model.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website:
http://aede.osu.edu/Programs/FarmManagement/Budgets/download.htm

Sponsor: The Ohio State University

Name: The Value of Manure

Format: Downloadable Excel File

Entities Supported: Crops & Livestock

Description: The Value of Manure worksheet shows the amount, and cost/lb unit of N, P, and K in various livestock manure. Simply select your fertilizer types and type your cost per ton (Yellow cells), and the tool automatically adjusts the value of the manure.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website:
http://aede.osu.edu/Programs/FarmManagement/Budgets/download.htm

Sponsor: The Ohio State University

Name: Manure Rate Calculator

Format: Downloadable Excel File

Entities Supported: Crops & Livestock

Description: The Ohio State University Manure Rate Calculator is a complement to the tool above. This allows you to select various inputs, and uses to give you a manure rate calculation. The OSU Manure Rate Calculator was developed by the OSU AgCrops.
Website: http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=invest

Sponsor: University of Illinois- Farmdoc

Name: Savings Calculator

Format: Downloadable Excel File

Entities Supported: Multiple

Description: Calculates how saving accumulates over time and the amount of savings needed to achieve specific targets.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=loan

Sponsor: University of Illinois

Name: Loan Amortization

Format: Downloadable Excel File

Entities Supported: All entities

Description: Program allows farmers to input their loans into a simple loan amortization program. Calculates principal, interest and outstanding balances.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=data

Sponsor: University of Illinois

Name: Illinois Soil Productivity Index Utilities

Format: Downloadable Excel File

Entities Supported: Multiple

Description: Designed to assist with common computations related to Illinois Soil Productivity measures and associated predicted yields.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: [http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=farm](http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=farm)

Sponsor: University of Illinois

Name: Machinery Economics

Format: Downloadable Excel File

Entities Supported: Multiple

Description: Analyzes the cost of completing fieldwork and generates machinery costs.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=farm

Sponsor: University of Illinois

Name: Enterprise Allocation and Analysis

Format: Downloadable Excel File

Entities Supported: All

Description: Estimates cost of production across farm enterprises. May help in deciding what enterprises to expand and/or eliminate.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=financial

Sponsor: University of Illinois- Farmdoc

Name: Fast Tool- Specialty Commodity Breakeven Analysis

Format: Downloadable Excel File

Entities Supported: All Entities

Description: With this program, the user can enter budgets and calculate breakeven levels for a set of specialty commodities.
**Beginning Farmer and Rancher**

*Online Decision, Management and Educational Tools*

Website: [http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=financial](http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=financial)

Sponsor: University of Illinois- Farmdoc

Name: Fast Tool- Repayment Capacity Analysis

Format: Downloadable Excel File

Entities Supported: All entities

Description: The user can estimate the cash needs required to meet living, debt and investment payments
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=financial

Sponsor: University of Illinois- Farmdoc

Name: Fast Tool- Ratio Calculator

Format: Downloadable Excel File

Entities Supported: All entities

Description: Calculates the key financial ratios and provides a financial health index for levels and trends
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=financial

Sponsor: University of Illinois- Farmdoc

Name: Fast Tool- Quick Cash Flow Projections

Format: Downloadable Excel File

Entities Supported: All entities

Description: Prepares a quarterly cash flow projection and performs sensitivity analysis
Website: http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=financial

Sponsor: University of Illinois- Farmdoc

Name: Fast Tool- Personal Financial Statements

Format: Downloadable Excel File

Entities Supported: All Entities

Description: Prepares a family budget that produces a balance sheet and an income statement.
**Beginning Farmer and Rancher**

*Online Decision, Management and Educational Tools*

Website: [http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=financial](http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=financial)

Sponsor: University of Illinois- Farmdoc

Name: Fast Tool- New Company Simulator

Format: Downloadable Excel File

Entities Supported: All Entities

Description: With this program, the user can project earnings, financial conditions, and break even levels and prices
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=financial

Sponsor: University of Illinois- Farmdoc

Name: Fast Tool- Net Worth Allocation

Format: Downloadable Excel File

Entities Supported: All entities

Description: Provides an estimate of the separation of earned net worth and valuation of market valuation equity.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=financial

Sponsor: University of Illinois- Farmdoc

Name: Fast Tool: Appraisal of Current Financial Position

Format: Downloadable Excel File

Entities Supported: All entities

Description: Evaluates the potential operating loan needs of a farm business by taking a forward look at the business’ income, expenses, and cash flow requirements.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website:  http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=financial

Sponsor: University of Illinois- Farmdoc

Name: Fast Tool- Farm Bill Scenario Analyzer

Format: Downloadable Excel File

Entities Supported: All Entities

Description: Compares payments between the 2007 Farm Bill alternatives: The Bill passed by the House and the Durbin-Brown amendment offered in the Senate
**Beginning Farmer and Rancher**

*Online Decision, Management and Educational Tools*

Website: [http://www.farmdoc.illinois.edu/pubs/FASTool.asp?category=financial](http://www.farmdoc.illinois.edu/pubs/FASTool.asp?category=financial)

Sponsor: University of Illinois- Farmdoc

Name: Fast Tool- Ethanol Plant Simulator

Format: Downloadable Excel File

Entities Supported: All Entities

Description: Simulate the performance of a dry mill ethanol plant over a 7-year period
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=financial

Sponsor: University of Illinois- Farmdoc

Name: Fast Tool- Cash to Accrual Income Approximation

Format: Downloadable Excel File

Entities Supported: All entities

Description: Approximates accrual income from schedule F.
**Beginning Farmer and Rancher**

*Online Decision, Management and Educational Tools*

Website: [http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=financial](http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=financial)

Sponsor: University of Illinois- Farmdoc

Name: Fast Tool- Estimation of Deferred Taxes

Format: Downloadable Excel File

Entities Supported: All entities

Description: Estimates deferred taxes for financial statement preparation
Website: http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=financial
Sponsor: University of Illinois- Farmdoc
Name: Fast Tool- Cash Flow Planning
Format: Downloadable Excel File
Entities Supported: All entities
Description: Prepares monthly pro-forma cash flows for an operation
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=financial

Sponsor: University of Illinois- Farmdoc

Name: Fast Tool- Balance Sheet & Historical Financial Statements

Format: Downloadable Excel File

Entities Supported: All entities

Description: Prepares financial statements for a farm based on beginning and ending balance sheets and revenue and expense items.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=financial

Sponsor: University of Illinois- Farmdoc

Name: Fast Tool- Benchmark Ratio Analysis

Format: Downloadable Excel File

Entities Supported: All entities

Description: Provides key ratio calculations and benchmarks for Illinois farms based on Sales, Age, Farm Type, Tenure, and All Farms
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: [http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=invest](http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=invest)

Sponsor: University of Illinois- Farmdoc

Name: Time Value Tools

Format: Downloadable Excel File

Entities Supported: Multiple

Description: Computes interest rate factors and solves basic time value of money problems.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=invest

Sponsor: University of Illinois- Farmdoc

Name: MACRS Calculator

Format: Downloadable Excel File

Entities Supported: Multiple

Description: Calculates tax depreciation schedules for depreciable items.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=invest

Sponsor: University of Illinois- Farmdoc

Name: Machinery Financing

Format: Downloadable Excel File

Entities Supported: Multiple

Description: Calculates annualized cash flows for different methods of financing machinery acquisitions.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=invest

Sponsor: University of Illinois- Farmdoc

Name: Lease vs. Purchase

Format: Downloadable Excel File

Entities Supported:

Description: Compare lease vs. purchase alternatives and calculates the terms to make the options equivalent in NPV
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=invest

Sponsor: University of Illinois- Farmdoc

Name: Land Purchase Analysis

Format: Downloadable Excel File

Entities Supported: Multiple

Description: Helps to calculate a maximum bid on farmland and sensitivity to terms
Website: [http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=invest](http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=invest)

Sponsor: University of Illinois- Farmdoc

Name: Capital Budgeting

Format: Downloadable Excel File

Entities Supported: Multiple

Description: Worksheet to compute net present value, compare price and terms, evaluate IRR and MIRR for basic capital budgeting/investment analysis programs. With this program, the user can evaluate capital budgeting problems and perform comprehensive investment analysis comparisons on up to 4 separate projects or investments.
Website: http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=loan

Sponsor: University of Illinois

Name: Revolving Loan Calculator

Format: Downloadable Excel File

Entities Supported: All entities

Description: This program calculates principal and interest balances for revolving loans.

FAST Tools

Loan Analysis

Download Tool Size Date User Guide Demo
Lean Amortization 976k 4/26/2005 Demo
Lean Comparison 525k 1/2/2005 Demo
Revolving Loan Calculator 117k 10/23/2005 Demo

Simple loan amortization program calculating principal, interest and outstanding balance.

Compares terms across different loans and evaluates the benefits of refinancing.

Calculates principal and interest balances for revolving loans.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=loan

Sponsor: University of Illinois

Name: Loan Comparison

Format: Downloadable Excel File

Entities Supported: All entities

Description: This program compares terms across different loans and assists in decisions on whether to refinance or not.
Website: [http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=data](http://www.farmdoc.illinois.edu/pubs/FASTtool.asp?category=data)

Sponsor: University of Illinois

Name: Illinois Farmland Sales Database

Format: Downloadable Excel File

Entities Supported: Multiple

Description: Database tool that is used to retrieve actual Illinois Farmland Sales data from 1979-2000 forecast. Price per acre, acreage, and turnover statistics, as well as individual parcel information can be accessed and screened by specific acreage and price.
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website: [http://www.dairymgt.info/tools.php#1](http://www.dairymgt.info/tools.php#1)

Sponsor: University of Wisconsin

Name: Alfalfa Yield Predictor

Format: Downloadable Excel File

Entities Supported: Forage and Hay

Description: Predicts the yield of alfalfa according to user-defined fall dormancy, cutting, height, growing degree days, and rainfall
Beginning Farmer and Rancher

Online Decision, Management and Educational Tools

Website:

http://agecon.uwyo.edu/farmmgt/software/fertilizer/FertilizerCalculator.htm

Sponsor: University of Wyoming, Agricultural Education Department

Purpose: Fertilizer Application Management

Format: Online

Entities Supported: Nitrogen and Phosphate Application for various forages

Description: worksheets are designed to help find the most economical level of fertilizer for the crop listed. Examples have been constructed for crops where commercial fertilizers are commonly applied.