

"Knowledge for Life"

## 9. A Financial Tool You Can Use: The DuPont Profitability Model

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Brian Briggeman is an Associate Professor in Agricultural Economics at KSU, and the Director of the Arthur Capper Cooperative Center. His research and extension program include topics on agricultural finance, agribusiness and cooperative management and macroeconomic implications for U.S. agriculture. He also teaches agricultural finance. Prior to joining KSU, Brian was an economist with the Federal Reserve Bank of Kansas City. He holds a bachelor's degree in agribusiness from KSU, an M.S. degree in agricultural economics from Texas A&M University and a Ph.D. degree in agricultural economics from Purdue University. He is originally from luka, Kansas where his parents own and operate the family farm.

## Abstract/Summary

Making sound financial decisions about your farming operation is critical to near and long-term success. These decisions can become quite complex because one financial decision can have a ripple effect, positive or negative, throughout your entire farm. While unraveling and discussing all of these decisions can take days if not months to figure out, there is one straightforward financial model that can help start the process of identifying financial areas to fix and/or growth opportunities. In this session, Dr. Brian Briggeman will introduce and apply the DuPont Model to Kansas farmers by discussing the fundamentals of maximizing return on equity (ROE). For more, please read the following article:

http://www.agweb.com/topproducer/article/financial\_decisions\_made\_easy\_NAA\_Ed\_Clark/



at FIRM!	Name th		DuPont Model	Breaking down ROE tells us a lot.
nat FIRM! ios in a DuPont Analysis, m with the following r (2010 KFMA data) rporation <b>URNS X LEVERAGE</b>	Name th nly the key rati he mystery firr ge Kansas Farme art peake Energy Co can Express ROE = EARNS X TI	<ul> <li>Using or match t firms:         <ul> <li>Averag</li> <li>Walma</li> <li>Chesan</li> <li>Amerin</li> </ul> </li> </ul>	Viodel The minodes of science: Ve discussed	<ul> <li>Financial Linkage N</li> <li>Developed in 1919 by DuPont</li> <li>Needed a way to easily assess fir position <ul> <li>Operating Performance</li> <li>Financial Performance</li> </ul> </li> <li>Links key financial ratios we have</li> </ul>











Acceptable

CCC 🐨

If both Asset Turnover and Operating Margin are acceptable, Increase size

Look at Cost Controls. Look for ways to decrease expenses without reducing revenues. Reevaluate: • Production costs

IMPROVE REVENUES!

Rents
 Capital Spending Plans
 Purchasing Practices
 Inventory Management
 Outsourcing
 Control Procedures
 Management Priorities

4

13

