# TRANSFORMING A BLACK SWAN TO A PHOENIX IN THE GLOBAL DAIRY INDUSTRY

#### Dr. David M. Kohl

Professor Emeritus, Agricultural and Applied Economics

Member of Academic Hall of Fame, College of Agriculture & Life Sciences

Virginia Tech, Blacksburg, VA



(540) 961-2094 (Alicia Morris) | (540) 719-0752 (Angela Meadows) | sullylab@vt.edu

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Macro Clinic Video Blog: www.compeer.com/education
Road Warrior of Agriculture: www.cornandsoybeandigest.com
Ag Globe Trotter: www.northwestfcs.com
Dave's GPS & Dashboard Indicators: www.farmermac.com

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## Views From Cyberville for 2020 & Beyond

- a black swan usually occurs each decade with two babies
- a black swan accelerates change for consumers, society, and businesses
- black swans are disruptors and challenging but they also create opportunities
- the COVID -19 black swan accelerated the economic and financial divide for the decade of the 2020s



## Black Swan Progression -**Dirty Bird**



### Dirty Bird or Phase I - Splash (March 1 to May 1, 2020)

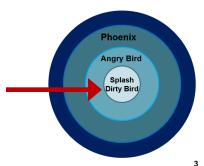
- job losses
- preventative health
- consumer shutdown, back to the basics
- 40% consumer based economy
  - 0-25% of sales
- global economy on life support

#### **Business & Personal:**

- shock
- numbness
- anxiety

#### Needs:

- time to absorb information
- reality check



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## Black Swan Progression -**Angry Bird**



### Angry Bird or Phase II - Ripple (May 1 to December 31, 2020)

- recovery plan nationally/globally
- realization of job loss
- business failures
- systems of health surveillance
- deglobalization discussions
- trade issues
- volatility based on headlines

#### Personal/Society/Government:

- revenge
- blame
- confusion
- frustration

#### Needs:

- support
- okay to feel a loss
- collaboration
- critical thinking
- unintended consequences



More baby black swans?

## Black Swan Progression - Phoenix "Mythical Bird"



## Phoenix or Phase III – Ripple (January 1, 2021 - 2022 & Beyond)

- commitment to move forward driven by young leadership
- new business models
- question of consolidation:
  - big business vs. small business
- accelerated deglobalization
- Al & privacy balance
- accelerated innovation in health systems
- TSA all the time

#### Personal:

- more energy
- commitment to move forward
- adjustment & focus



More baby black swans?



creative leadership

new models for success

innovation

adaptation

Needs:

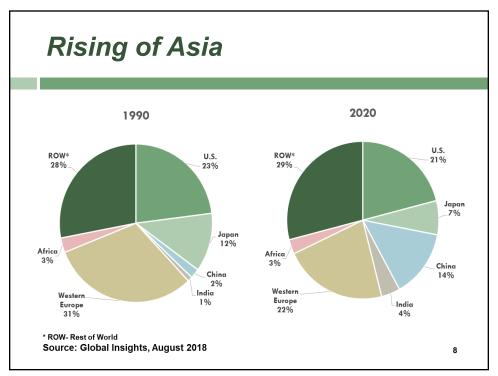
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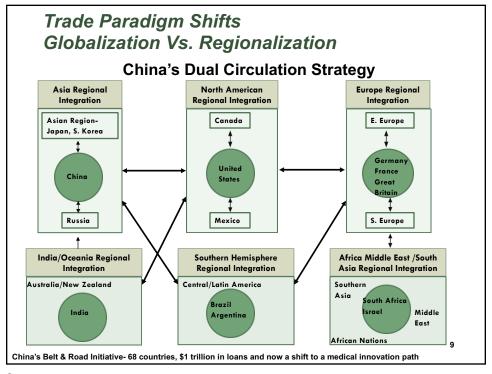
## Global Macro Economic Risk (1)

- globalization vs. deglobalization
  - 1995-2017 purchasing power parity, hyperglobalization
    - emerging nations 2x plus
    - rich nations 44%
  - 1990-2008 global trade share of GDP 39% increase to 61%
  - 2009-2017 global trade share down 9%
    - financial crisis
    - governments, businesses and consumers agendas
  - (ISI) import substitution industrialization strategy
    - supply & marketing chains
    - made in China 2025
    - India, Europe, & U.S. more self reliant
    - concentration vs. diversification

## Global Macro Economic Risk (2)

- disjointed U.S. & global recovery
  - 90% economy
  - 50-75% economy
  - 125% economy
- trade agreement uncertainty
  - Australia vs. China
  - rich nations vs. China
  - Belt & Road Initiative, medical innovation path
- central banks/government supports for ag
  - U.S./global support \$2 billion per day
  - duration of support & global competitiveness
  - government encroachment, taxes, regulations, other





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## Global Trade Perspectives

Trade Agreement	# Countries	<u>Population</u>	<u>GDP</u>	<u>Trade Value</u>
RCEP <sup>1</sup>	15	2.7 Billion	\$25.8 Trillion	\$12.5 Trillion
CPTPP <sup>2</sup>	11	508 Million	\$11.1 Trillion	\$7.6 Trillion
USMCA <sup>3</sup>	3	493 Million	\$24.4 Trillion	\$7.8 Trillion

1RCEP- Regional Comprehensive Economic Partnership (15 Asian Countries)
 2CPTPP- Comprehensive & Progressive Agreement for Trans-Pacific Partnership (Canada & 10 countries in the Asia-Pacific region).

<sup>3</sup>USMCA- United States-Mexico-Canada Agreement (North America)

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## Grain Industry Radar Screen for U.S. & Abroad

- economic health of protein sector
- economic health of trading partners
- weather
- value of the dollar
- consumer trends
- trade issues
- ethanol



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### Livestock & Other

- access to markets & marketing changes
- concentration, cannibalization
- competitive products
  - non-meat alternatives
  - non-dairy alternatives
- regulation
- labor, immigration
- health of the U.S. economy



## U.S. Economy

#### 2020 Pandemic

- sudden impact/shock disruption
- economic behavioral changes/basics
- no pattern of corrective action- health
- three D's: <u>Depth</u>, <u>Diffusion & Duration</u>
- Nike swoosh shaped recession with a jagged tail "w"
  - size 6 or size 14-18?
- deeper global recession?
- re-emerging bio shocks / cyber attacks
- southern hemisphere bio shocks

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## Mega Trends on the Radar Screen Production/Consumer Paradigms

- soil & water health
- plant, animal & human environment
- air quality & pandemic
- weather in extremes

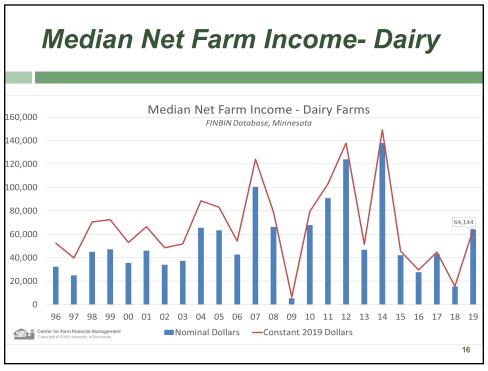


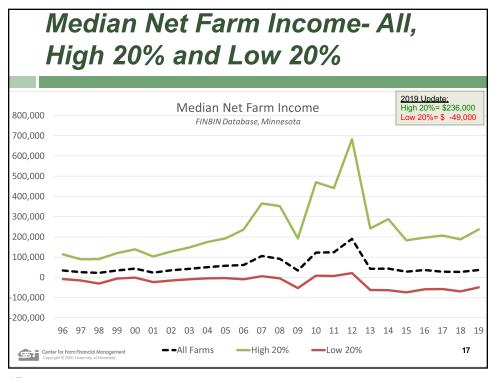
### COVID-19 The Black Swan Disruptor-Positives for Agriculture

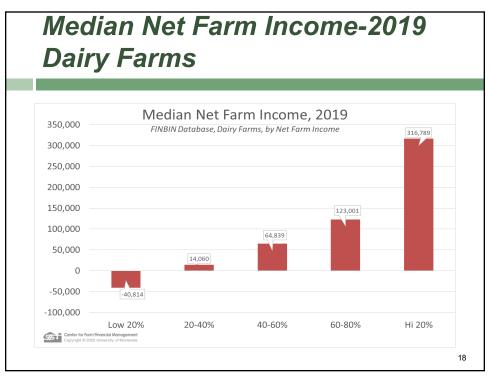
- importance of a diversified safe food, fiber & fuel source- basics of life
- reassurance of transparency in where food is produced, processed & distributed
- healthy soil & water
  - plants, humans, animals & environment
- niche markets, U.S. & globally
- repositioning of the image of agriculture

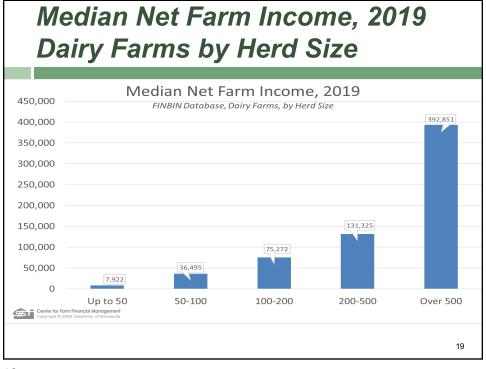
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## High 20% Characteristics

- moderate financial leverage
- high Business IQ
- strong working capital
- strong production and operational efficiency
- strong earns and turns



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## Low 20% Characteristics

- higher equity
- refinanced, restructured financial leverage
- high government payments to net income
- weak production and operational efficiency
- lower Business IQ
- lower liquidity



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## Management Mindsets for the 2020s



## Aligning with Mindsets

#### **Producer A**

- How do I compare?
- What are others doing?
- think longer term & what is on the horizon

#### **Producer B**

- Will a lender finance me?
- Will I survive for another year?
- often a know it all or victim

### School vs. Real World Perspective:

In school, you get the lesson first, then the test. In the real world, you get the test first, then the lesson.

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## Management Assessment

#### Greens

- adaptive to a situation- proactive
- 5% rule
- get efficient before getting bigger
- sweat the small stuff
- plan, strategize, execute & monitor
- process oriented
- advisory teams

#### Yellows

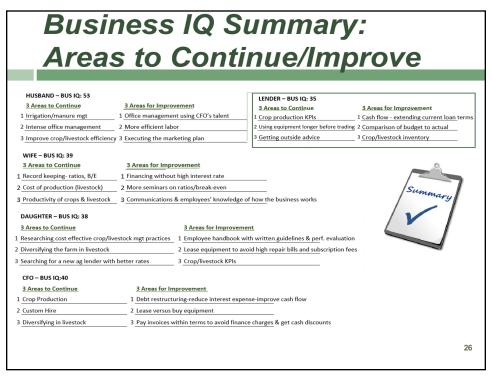
- success because of equity & history vs. profitability & cash flow
- preparing the next generation
- bigger before better, examine human horse power
- magic bullet- the next big thing

#### Reds

- waiting for prices & markets to save them
- excuse game, not my fault
- lose money, equity keeps them going
- 80/20 rule is alive & well

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	Critical Questio	ns fo	or Cru	ıcia	I Convers	sations
	Farmer Checklist	Your Score	Green (3 poin		Yellow (2 points)	Red (1 point)
1.	Knows cost of production		Writte	n	In head	No idea
2.	Knows cost of production by enterprise		Writter	*	In head	No idea
3.	Goals - business, family, & personal		Writter	*	In head	No idea
4. Record keeping system			Accrual		Schedule F (one & done)	No idea
5. Projected cash flow			Written*		In head	No idea
6. Financial sensitivity analysis			Written*		In head	No idea
7. Understand financial ratios, break evens			Written*		In head	No idea
8. Work with advisory team and lender			Yes*		Sometimes	Never
9.	Marketing plan written and executed		Yes		Sometimes	Never
10.	Risk management plan executed		Yes		Sometimes	Never
11. Modest lifestyle habits, family living budget			Yes*		Sometimes	Non existent
12. Written plan for improvement executed & strong people management			Yes*		Sometimes	Non existent
13. Transition plan/Business Owner plan			Yes		Working on plan	Non existent/controversy
14. Educational seminars/courses			Yes		Sometimes	Never attend
15. Attitude			Proactive*		Reactive	Indifferent
	Total					
*Extra Points: - Progressive Business may receive 4 points for #2,6,7,8,14 - Struggling Business Attempting Turnaround may receive 4 points for #3,5,8,11,12					nalysis	
					management rating & viability	
					rate risk & viability; will most likely show previous refinancing	



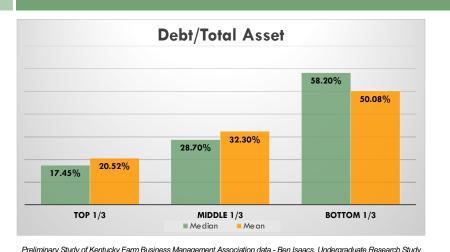
## How Can Team Members Use Business IQ as a Tool for Producers?

- screener for attitude to improve
- each family member, business partner, spouse complete the Business IQ separately
- assists in prioritizing improvements
- communication tool- internal and external to team of advisors
- customer develops plan for improvement to improve or buy in
- objective way to measure management
- monitoring tool, year over year

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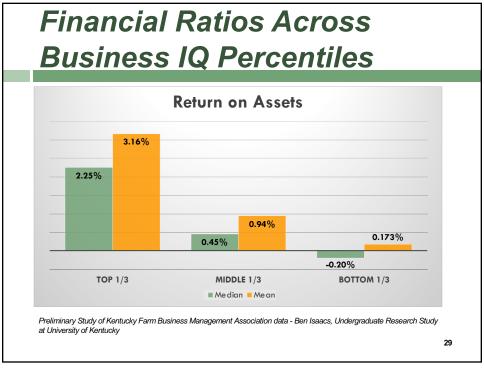
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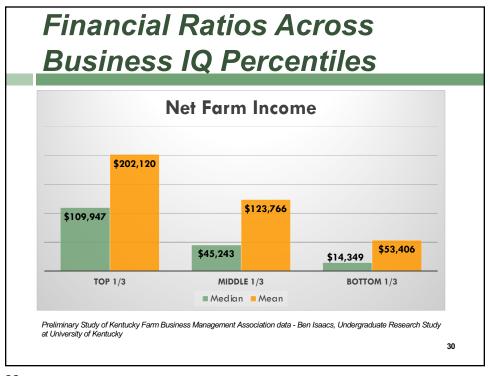
## Financial Ratios Across Business IQ Percentiles



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at University of Kentucky





## Four Pillars of the Business Model of the Future



### **Four Pillars:**

#### Resilient

- know cost of production
- marketing & risk management program
- capital/equity borrowing capacity

#### **Agile**

- working capital
- market for product
- optimization/efficiency vs. diversification/resiliency

#### Which pillar is more important?

#### **Entrepreneurial / Innovative**

- "people first" business
  - invest in people
- align with rapidly changing marketplace
- quarterly sprints/journey of sustainability

#### Strong Business IQ

- high scores in all 15 areas
- plan, strategize, execute & monitor
- written plan for improvement
- dashboards

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## Value Added Thoughts

- 1. time: commodity that is limited
- 2. trust: once violated, jeopardizes the relationship
- 3. attitude: "own it" or makes excuses
- 4. innovation: forward thinking
- driving business: doer or manager, future data driven
- collaboration: team of advisors
- A&P's of customer service:
  - available, amenable & attitude
  - persistent, patient & polite

## Perspectives for the 21st Century

- 20<sup>th</sup> century one of physics, 21<sup>st</sup> century- one of biology & bioshocks
- meshing of bio engineering information "make the complex simple" – the napkin approach
- human health on your wrist make high tech more high touch
- 50% of world buying power will reside in the Asian Rim
- sterile households will create an environment for increased pandemic
- degrees will be replaced by a series of certificates of customized lifelong learning

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## Quotes for the 2020s

- "Black swans accelerate changes and disruptions but also create opportunities."
- "Success is about attitude, do you own it or make excuses?"
- "Execution requires the <u>HUT</u> principle <u>Hear</u>, <u>Understand</u> and <u>Take action</u>."
- "Your network of people will be equal to your self worth & financial net worth."
- "Never equate your self worth to your net worth, it is only one of the pillars of success."