# FARMER MAC

Accelerating Rural Opportunities

Thriving in Economic Chaos

By Dr. David M. Kohl & Jackson Takach

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# OBSERVATIONS FROM THE ROAD

- Marketing & risk management programs that are executed & closely monitored
- Farms not going broke but having profit, cash flow & liquidity issues
- Non-traditional lenders are tightening credit
- Banks & Farm Credit are refinancing LOC's of non-traditional lenders
- Character, ego & management are emerging & eroding credit quality rather than financials
- "Magic wand" issues
  - Producer/lender combination

# OBSERVATIONS FROM THE ROAD: SCHOOL & CONFERENCE PERSPECTIVES (1)

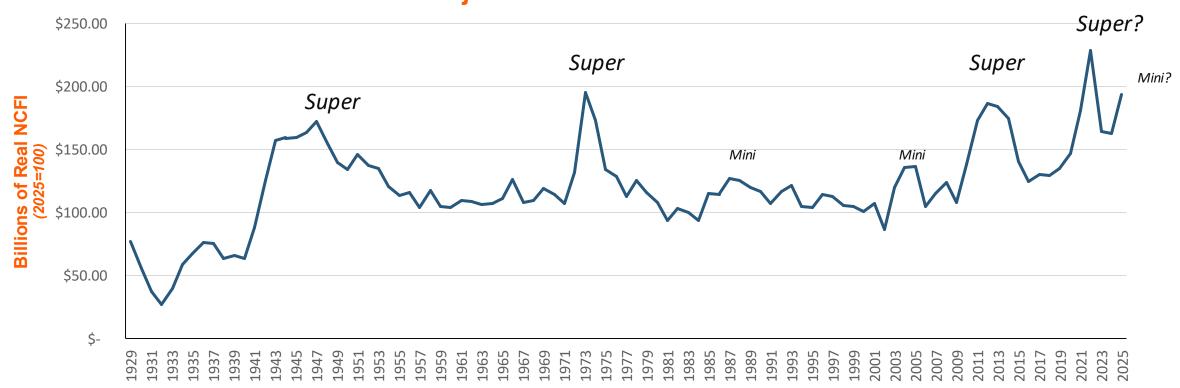
- More hiring of lenders with local family ties
- 75% of lenders hired indicated that the bank found them
- None of the credit analysts had been on a farm visit
- New regulators- more scrutinization of all credits including risk rating & credit scoring systems
- 50% of new lenders worked in other businesses ranging from farming, IT, sales & irrigation
- Many were hired on work ethic & trained on aptitude

# OBSERVATIONS FROM THE ROAD: SCHOOL & CONFERENCE PERSPECTIVES (2)

- 25-50% of class did not have farm or ranch background
- 33% of lenders did have farm/ranch or other business on the side
- The classes in general were punctual, engaged & off their technology
- A critical mistake is that school administration is making is not having paper handouts
- Al (Artificial Intelligence) applications was used in class for the first time for case study applications

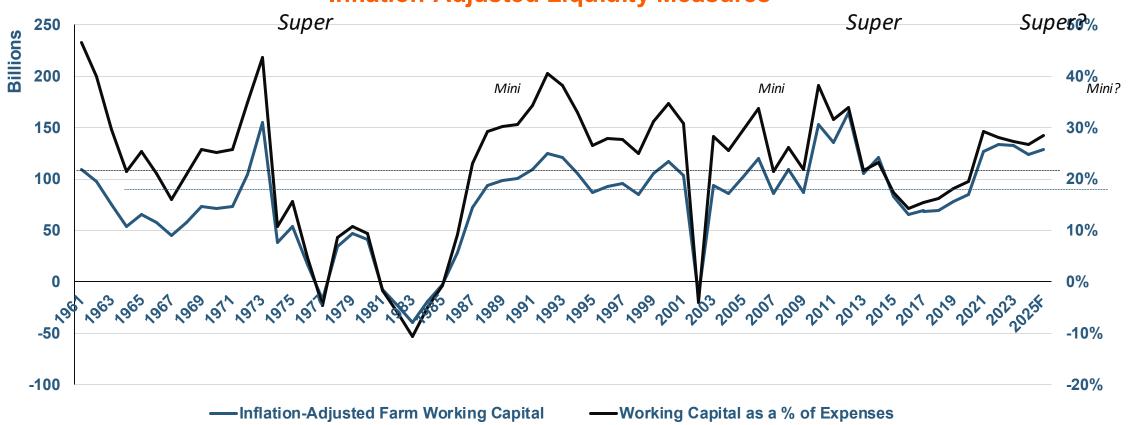
## INCOME LONG-TERM AG ECONOMIC CYCLE

#### **Inflation-Adjusted Net Cash Farm Income**



## LIQUIDITY LONG TERM AG ECONOMIC CYCLE

#### **Inflation-Adjusted Liquidity Measures**



# QUICK AGRICULTURAL ECONOMIC UPDATE

- Grain and row crops "bearish"
- Livestock, diversified, value added "bullish"
- Export market watchlist
- Tariffs, sanctions & currency valuation
- Profit, liquidity, cash flow vs. going broke



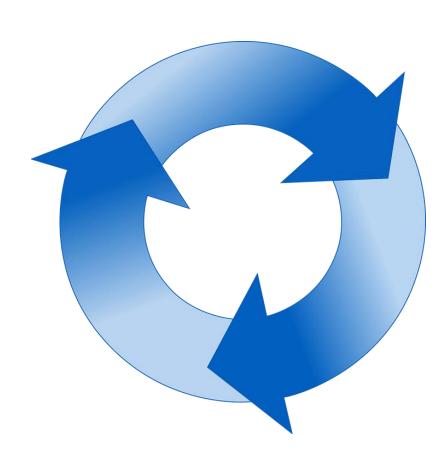
# IMPLICATIONS OF TARIFFS & SANCTIONS

- Long-term relationship with major trading partners/allies
- Loss of public support for agriculture
- Negotiations, end-of-year tax law
- Government support to agriculturei.e. Farm Bill
- Increased competition from Global South
- Smoot Hawley (June 1930) 2.0?



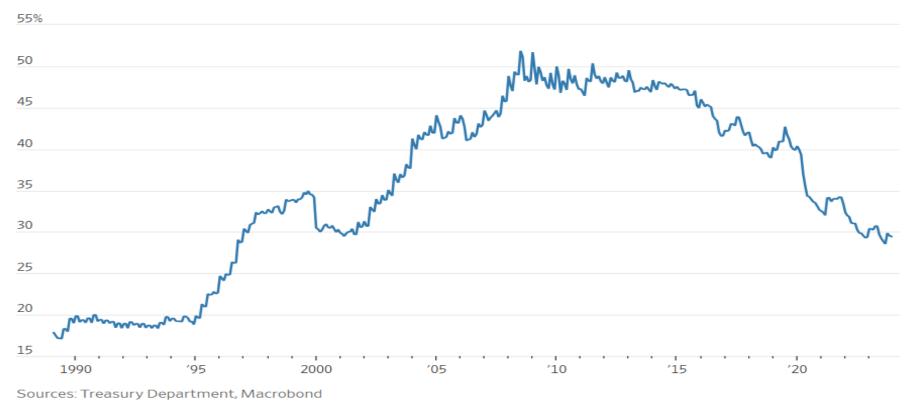
## **DURATION OF THE CYCLE**

- Export markets trade sanctions, tariffs, "counter tariffs"
- Weather globally
- Fiscal policy
  - \$1 trillion deficit
  - Cost of long term money
  - \$37 trillion federal debt
  - June is the "critical month"
- Competition from Global South



## ESTIMATED FOREIGN OWNERSHIP OF U.S. TREASURY SECURITIES AS A SHARE OF PUBLICLY HELD DEBT

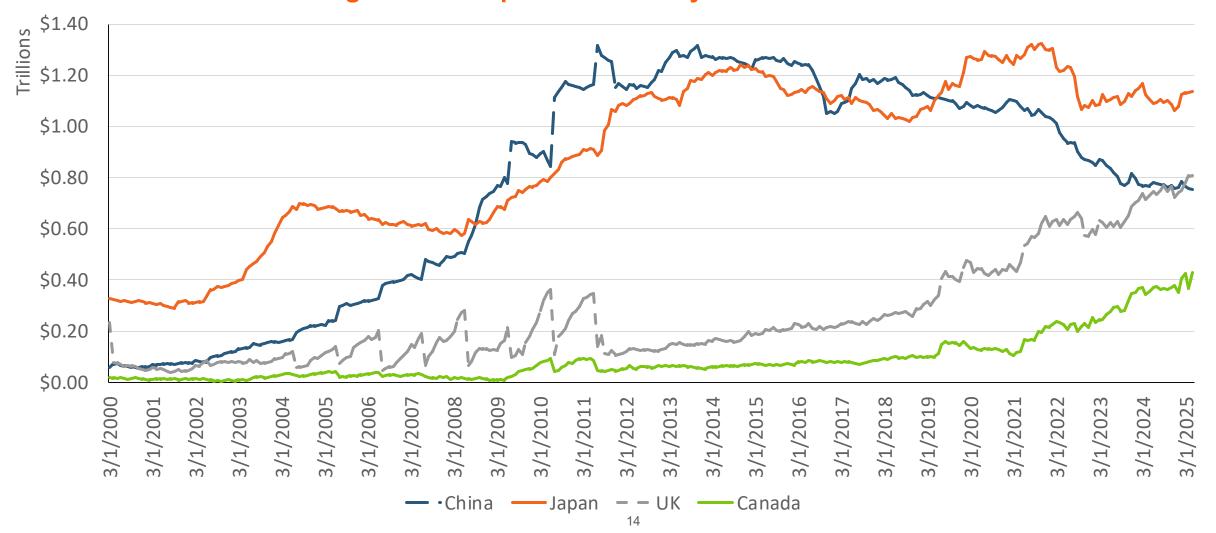
#### Estimated foreign ownership of U.S. Treasury securities as a share of publicly held debt



Source: Wall Street Journal, April 20, 2025

## TRADE + DEFICITS = LEVERAGE

## **Foreign Ownership of US Treasury Debt Instruments**



## QUICK GLOBAL ECONOMIC ASSESSMENT

#### China

- Demographic
  - 1980 19% of population urban
  - 2024 65% of population urban
- Housing value decline
- Stock market value decline
- Sanction/tariffs/trade

#### India

Farm policy protectionism



#### Europe

- Tourism
- Greenwave/backlash

#### Mexico/Canada

- New leader, same policy
- Downgraded economy to negative
- Canada: slow economy
- Southern Hemisphere
  - Belt & Road Initiative
  - Currency challenges

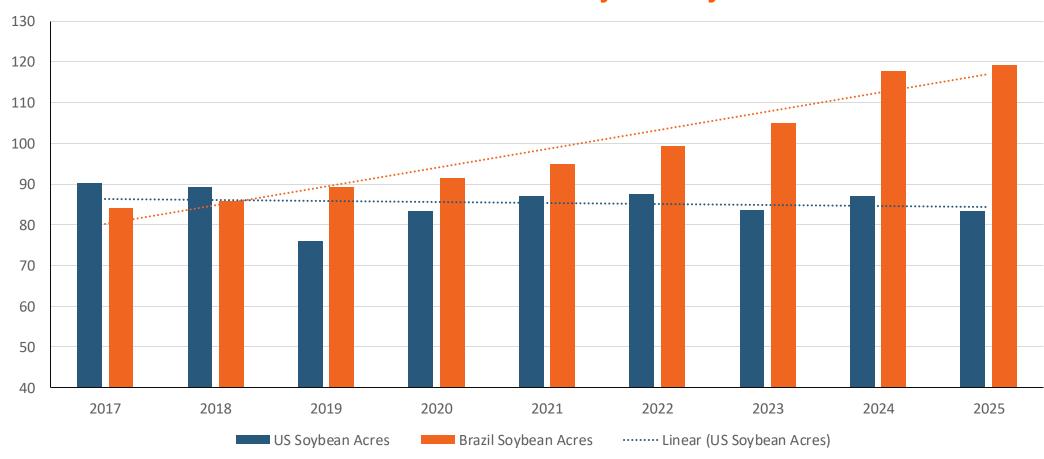
## LARGEST EXTRAREGIONAL TRADING PARTNERS, BY TOTAL VALUE OF GOODS TRADED



Source: https://www.wsj.com/world/china-xi-jinping-latin-america-acf6dbc1?page=1

# LAND – THEY AIN'T NOT MAKING MORE OF IT IN BRAZIL

### Million Acres Planted to Soybeans by Year



# U.S.A. ECONOMY SNAPSHOT: ALICE

- ALICE- Asset Limited, Income Constrained, fully Employed
- Less than 5% spending
- Stimulus checks during & post pandemic
- Consumer credit card debt buildup
- Credit card debt \$1.3 trillion
- Delinquency rate on credit cards & auto loans is highest since 2012

# U.S.A. ECONOMY SNAPSHOT: HENRY

- HENRY- High Earners, Not Rich Yet
- \$100,000 \$500,000 household earnings
- High level of graduate school debt
- Priced out of housing market
- Lack of stock & real estate appreciation
- High levels of consumer spending & buying experiences
- Very vulnerable for job layoff and Al replacement

## U.S.A. ECONOMY SNAPSHOT: HERMAN

- HERMAN: High Earners, Rich, Mobile, Appreciated Net Worth
- 10% of population, 49% of consumer spending from 36%
- Household or business wealth, paper wealth accumulation \$1 million to \$10 to 25 million
- Older demographic, frequently above 60 years of age
- Spent 58% more in the last 4 years vs. 21% inflation increase
- HERMANs account for one third of gross national product
- Top 20% of earners, net worth has increased \$35 trillion or 45% since 2019
- Increased \$14 trillion for the bottom 80%

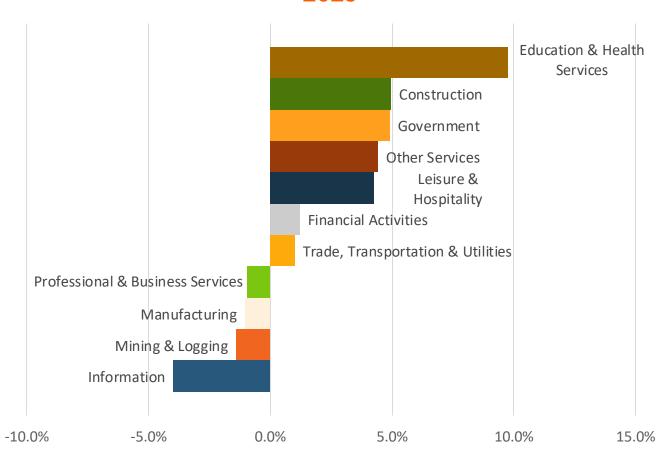
## WEALTH EFFECT

- When stock and real estate values increase a dollar in value, consumers spend 4 cents more.
- When stock and real estate values decrease a dollar in value, consumers spend 8 cents less.
- Those over 60 years of age spend20 cents less
- Short investment horizon

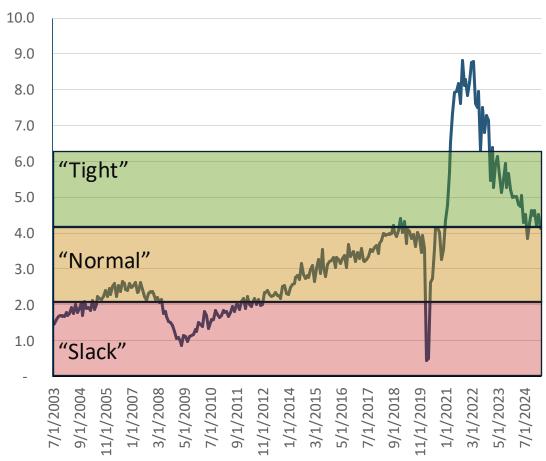


# RESILIENT LABOR MARKET LABORS ON

% Change in Employment – Jan 2023 to May 2025



## # Job Openings per Job Layoff



# FISCAL AND MONETARY TRAINWRECK?

Government revenues	\$4.4 Trillion
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- Government outlays \$6.3 Trillion
- Net Interest on public debt \$870 Billion
- Military spending \$753 Billion
- Deficit in 2023 \$1.7 Trillion
- Deficit in 2024 \$1.8 Trillion
- Deficit through July 2025 YTD \$1.3 Trillion

**Sources:** Congressional Budget Office, see link below.

# **EXCESSIVE PUBLIC DEBT – FERGUSON'S LAW**

- Great powers of the globe that spend more on debt service than defense risk ceasing to be a great power.
- How much debt is too much debt?
  - Debt service (interest and principal) > defense spending
  - In 2024:
    - Defense spending \$1.107 trillion
    - Interest on payments \$1.12 trillion
  - Compounded by a welfare system
    - Lower birth rates
    - High social welfare system

# THE RISE & FALL OF FARM LAND VALUES 1

## **1970s RISE**

- Global export markets
- Farm debt tripled
- Land: the inflation hedge
- Transition acceleration
  - Great Depression to WWII Generation to Baby Boomers
- Farm loans: character/collateral
- Weak dollar

## 1980s DECLINE

- Loss of export markets
- Tightening of credit
  - Regulators
  - Lenders
- Rapid rise of interest rates
- Higher rates of return on CDs and money market accounts
- Financial liquidity crunch

# THE RISE & FALL OF FARM LAND VALUES 2

## 21<sup>ST</sup> CENTURY RISE

- China & Great Commodity Supercycle
- Zero bound interest rates
- Ethanol
- Value of outside agricultural returns
  - Water & minerals
  - Green energy
  - 1031 exchanges
  - Development
- Baby boomer producers in the power age zone of investment

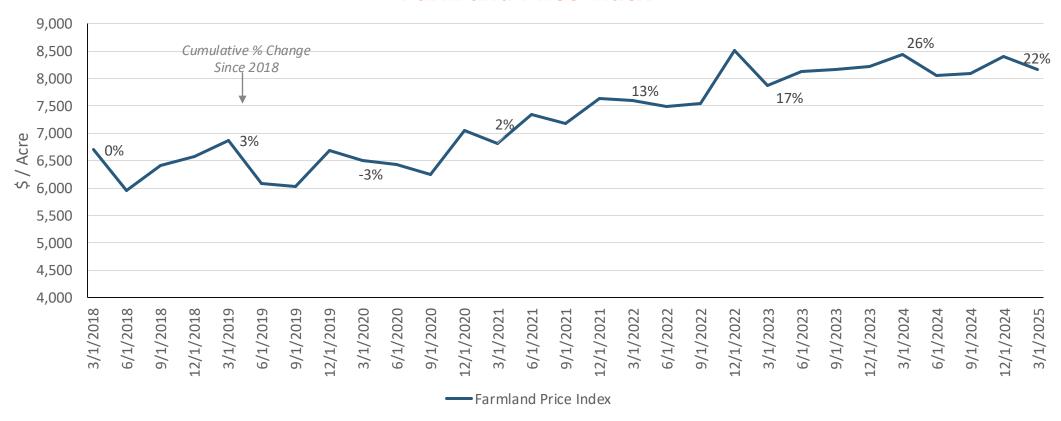
## 2025 & BEYOND-MARKERS FOR DECLINE

- Doubling interest rates
- Bearish commodity markets
- Tightening of credit
  - Regulators
  - Lenders
- Resistant plane markers
  - Crop/livestock insurance
  - TINA/Baby Boomers
- Water & minerals
- Development

# A NEW WAY TO MEASURE LAND VALUE CHANGE

## Farmer Mac Farmland Price Index (Powered by AcreValue)

#### **Farmland Price Index**



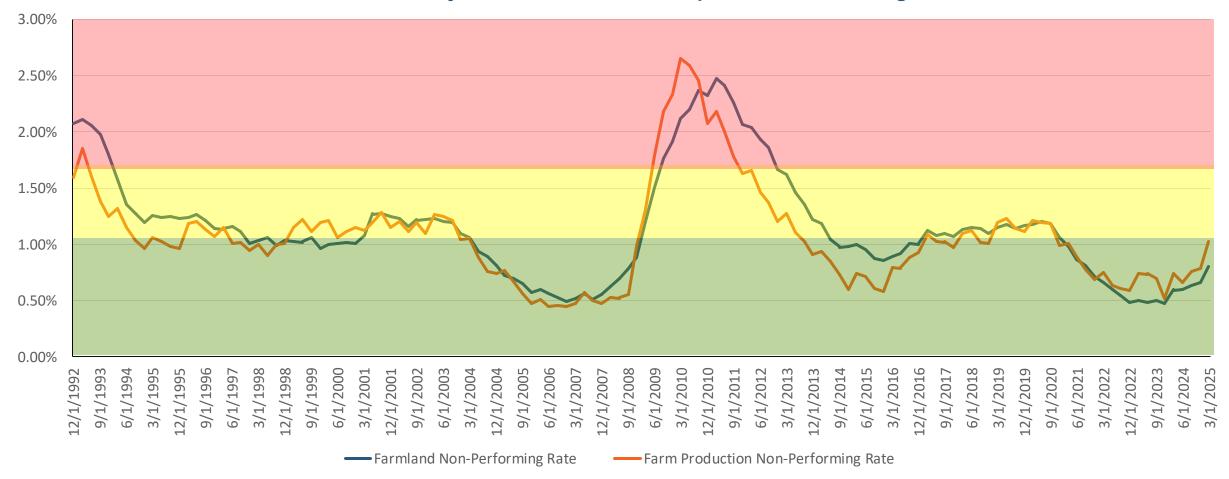
# WHERE CREDIT LOSSES OCCUR

- Fraudulent activities
- Non-transparent financial systems
- No ownership of financials
- Liquidity versus equity crunch
- Non-financial factors- "Deadly D's"
- Lifestyle creep
- Lenders' cultures



# DELINQUENCIES NORMALIZING FROM HISTORIC LOWS

Bank and Farm Credit System Combined Call Report Non-Performing Loan Rates



## SIGN POST OF OPPORTUNITIES

- Young, beginning farmers & ranchers, high business financial IQ - "alignment"
- Profitable farms, ranches & businesses in "growth mode"
- Accelerated transition in agriculture "be at the table"
- Selected refinancing "planning, execution, & monitoring"
- Value added − "agri-entrepreneurship mentality"
- Risk management programs "mitigation"
  - Crop/livestock insurances
  - FSA, SBA guarantees



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# LET'S CONTINUE THE CONVERSATION

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#### **Online Articles**

- Dave's GPS & Dashboard Indicators
   https://www.farmermac.com/news-events/daves-gps/
- Farm Progress Weekly Article: https://www.farmprogress.com/author/david-kohl
- Ag Trends & Insights Videos https://agwestfc.com/education-and-resources/industry-and-economic-insights/economic-updates/agricultural-trends

## **THANK YOU!**

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