

POSITIONING FOR SUCCESS IN THE ECONOMIC RESET

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Macro Clinic Video Blog: <http://agstar.com/edge/>

Road Warrior of Agriculture: www.cornandsoybeandigest.com

Ag Globe Trotter: www.northwestfcs.com

Dave's GPS & Dashboard Indicators: www.farmermac.com

Global & Domestic Economic Views

- worldwide surplus of most commodities
- wide spectrum of economic growth rates-
BRICS & KIMT
- oil- the drive towards efficiency
- weather-July, August paradox
- Federal Reserve strong dollar
- elections in Europe
- international trade agricultural agreements
- NAFTA/Asian continent
- black swans

Strategic Shifts in U.S. Agriculture - Commodities

- massive consolidation
- use of technology
- drive towards efficiency
- outside money
- debt concentration
- 12%/65% rule
- potential issues in portfolio
- exit
- growth vs. business acumen

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Strategic Shifts in U.S. Agriculture- Emerging Entrepreneurs

- organic, local, or natural
- diversified within agriculture
- diversified outside agriculture
- local, national, and international markets
- boomerangers
- youth, women, and minorities
- business plan emphasis
 - working capital
 - less core equity
- growth vs. business acumen

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Strategic Shifts in U.S. Agriculture-Tweeners

- too big to be small and too small to be big
- 10-15% exit with equity
- 10-15% partial or total liquidation
- 10- 15% negative cash flow, net worth
- transitional customer / inter-generational
- exit planning / wealth preservation

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State of Customers

- deterioration in cash
- deterioration in working capital
- cash flow strategies/restructure
- less equity in collateral secured loans
- increasing loan balances
- more time and focus on loan monitoring
- 5 times rule: performing vs. non-performing

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Top 40% Proactive Producers

- 5 percent rule
- 10-25 percent marketing advantage
- lower rent cost \$20- \$50 per acre
- lower fertilizer cost \$20- \$50 per acre
- modest living expenses
- sound financial system
- systems approach



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Bottom 30% of Producers

- marginal resources
- demographics cycling out
- rent & lease - equity in devaluing machinery
- lack of financial/marketing systems skills
- operate using Schedule F with “minimize taxes” mentality
- rusted out, worn out or faded out assets
- high maintenance living
- undisciplined pursuit of more
- lack HUT principle
- know it all/victim mentality

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Recent Views of Ag Lenders: Customers With Negative Profits 2016

Percentage	Midwest	Coast
<10%	0%	40%
10-25%	41%	13%
26-50%	38%	33%
>50%	22%	13%

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Recent Views of Ag Lenders: Losing Equity on Balance Sheet

Percentage	Midwest	Coast
<10%	0%	33%
10-25%	16%	47%
26-50%	39%	20%
>50%	44%	0%

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Recent Views of Ag Lenders: Refinancing/Restructure

Customers Sought Refinancing/Restructure In Last 2 years

Percentage	Midwest	Coast
<10%	27%	33%
10-25%	41%	47%
26-50%	27%	20%
>50%	5%	0%

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Recent Views of Ag Lenders: Land Values Last 2 Years

Change	Midwest	Coast
Increasing	0%	33%
Stable	16%	53%
Decline 1-10%	62%	13%
Decline >10%	22%	0%

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Recent Views of Ag Lenders: Factors Creating Financial Stress to Portfolio

Factors	Midwest Ranking	Coast Ranking
Negative Profits	1	1
Growing/Expanding	6	4
Land Value Decline	3	6
High Family Living	2	3
Loss of Staff	5	2
Competition/Financing	4	5

Ranking Scale:
1= Highest Concern
6= Lowest Concern

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2016 Family Living

Household and Personal Expenses
(Farms Sorted By Net Farm Income)

	Avg. Of All Farms	Low 33%	33 - 66%	High 34%
Number of farms	37	12	13	12
Average family size	3.6	3.4	2.9	4.6
Family Living Expenses				
Food and meals expense	9,708	9,302	7,462	12,548
Medical care	5,354	4,802	5,094	6,187
Health insurance	7,594	8,193	6,401	8,286
Cash donations	3,636	3,075	2,350	5,590
Household supplies	5,023	5,875	3,351	5,982
Clothing	2,722	1,311	2,449	4,429
Personal care	5,953	8,121	5,233	4,565
Child / Dependent care	653	478	542	948
Alimony and child support	-	-	-	-
Gifts	3,839	3,829	6,154	1,341
Education	1,930	244	930	4,699
Recreation	5,187	4,931	3,344	7,438
Utilities (household share)	2,952	2,930	2,251	3,734
Personal vehicle operating exp	3,832	6,154	2,521	2,931
Household real estate taxes	1,196	456	1,582	1,520
Dwelling rent	101	-	286	-
Household repairs	2,403	3,695	1,337	2,267
Personal interest	3,167	4,025	1,303	4,328
Disability / Long term care ins	242	254	228	245
Life insurance payments	6,005	7,140	4,316	6,049
Personal property insurance	488	332	927	167
Miscellaneous	11,225	13,531	8,883	11,457
Total cash family living expense	83,210	88,680	67,545	94,710
Family living from the farm	-	-	-	-
Total family living	83,210	88,680	67,545	94,710
Other Nonfarm Expenditures				
Income taxes	33,212	12,566	38,841	47,759
Furnishing & appliance purchases	1,791	5,524	-	-
Nonfarm vehicle purchases	2,183	-	3,775	2,639
Nonfarm real estate purchases	18,116	15,831	-731	40,818
Other nonfarm capital purchases	12,412	-956	35,584	679
Nonfarm savings & investments	-3,207	8,739	-20,409	3,482
Total other nonfarm expenditures	64,507	41,704	57,061	95,377
Total cash family living investment & nonfarm capital purch	147,717	130,383	124,605	190,088

Source: Nebraska Farm Business, Inc. www.nfbi.net

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2007 - 2016 Family Living Summary

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
No. of Families Included	60	47	48	38	49	39	25	40	48	43	37
Average Family Size	2.9	2.9	3.0	3.3	3.3	3.3	3.7	3.7	3.4	3.4	3.6
Expense Item											
Food & Meals	\$6,273	\$7,063	\$7,007	\$8,386	\$8,688	\$9,167	\$10,037	\$10,069	\$9,927	\$8,322	\$9,708
Medical Care	4,522	5,306	5,068	5,037	6,728	5,966	7,060	6,699	5,066	5,275	5,354
Health Insurance	3,358	3,364	4,860	5,283	6,966	6,628	7,506	6,996	6,634	7,530	7,594
Cash Donations	2,983	2,781	3,392	3,592	4,360	6,259	5,545	5,130	5,401	5,431	6,636
Household Supplies	2,053	3,015	2,756	3,189	3,763	6,376	8,789	7,078	6,304	5,456	5,023
Clothing	1,639	2,130	2,272	2,616	2,893	2,803	3,706	4,119	3,979	2,440	2,722
Personal Care	1,778	1,286	1,969	1,555	3,234	7,137	11,792	7,471	7,711	8,414	5,953
Child/Dependent Care	804	820	1,081	1,055	981	1,023	958	1,293	1,577	1,045	653
Alimony and Child Support	0	0	528	421	1,147	235	0	103	0	0	0
Gifts	2,833	2,418	3,480	2,185	5,753	4,839	3,690	4,674	4,138	4,097	3,839
Education	1,041	852	1,183	1,986	1,861	2,836	2,439	3,237	1,892	2,441	1,930
Recreation	2,129	2,759	4,313	3,579	5,155	5,308	7,151	9,081	8,126	7,860	5,187
Utilities (household share)	2,201	2,305	2,767	3,347	2,854	2,721	2,576	2,952	3,129	2,935	2,952
Personal Auto	3,322	2,822	3,327	2,629	3,010	3,264	3,627	4,185	4,382	3,456	3,832
Household Real Estate Taxes	292	384	603	1,238	1,093	1,113	1,151	1,372	1,489	925	1,196
Dwelling Rent	228	224	60	234	367	856	1,273	514	224	212	101
Household Repairs	2,946	2,109	4,692	3,022	4,340	5,457	4,040	3,529	7,086	3,648	2,403
Personal Interest	1,000	2,043	1,972	1,668	2,204	1,638	2,125	1,909	2,187	2,513	3,167
Disability/Long Term Care Ins	184	196	679	461	676	394	382	612	779	696	242
Life Insurance Payments	3,161	2,126	3,483	4,324	3,981	4,672	6,662	5,606	5,444	5,486	6,005
Personal Property Insurance	179	99	210	229	183	47	68	175	83	143	488
Miscellaneous	7,240	7,590	9,924	8,927	8,691	6,260	9,429	9,979	10,956	13,666	11,225
Total Family Living Expense	\$50,166	\$51,692	\$65,626	\$64,963	\$78,928	\$84,999	\$100,006	\$96,680	\$96,617	\$91,991	\$83,210
Furnishing & Appliance Purchases	106	72	500	250	322	734	0	523	649	1,121	1,791
Nonfarm Vehicle Purchases	3,293	2,536	4,650	5,639	2,606	3,860	6,521	5,170	2,266	4,402	2,183
Nonfarm Real Estate Purchases	10,579	14,937	16,599	12,188	735	25,719	33,551	27,932	9,152	17,772	18,116
Other Nonfarm Capital Purchases	1,178	1,293	6,688	627	6,887	9,799	120,159	9,847	3,321	2,767	12,412
Nonfarm Savings & Investments	9,381	9,933	14,974	13,269	19,205	14,247	16,728	11,357	6,992	15,166	-3,207
Total Non Farm Costs	\$74,703	\$80,463	\$109,037	\$96,936	\$108,683	\$139,358	\$276,965	\$151,509	\$118,997	\$133,219	\$114,505
Income, Soc. Sec. Taxes	\$11,648	\$12,887	\$26,078	\$27,844	\$30,059	\$40,354	\$43,740	\$56,269	\$48,855	\$30,727	\$33,212
Total Taxes & Family Living	\$86,351	\$93,350	\$135,115	\$124,780	\$138,742	\$179,712	\$320,705	\$207,778	\$167,852	\$163,946	\$147,717

Source: Nebraska Farm Business, Inc. www.nfbi.net

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Thoughts on Financial & Credit Analysis

- Schedule F (cash basis) will postpone issues two to three years
- conducting an accrual analysis requires one to ask critical questions
- the stress shows in the current section of the balance sheet first
- 96-4-50 rule of downcycle
- drive-by financials – producer/lender

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What the Schedule F Doesn't Tell You

- disguises potential problems forward at least two years
- postpones crucial conversations concerning adjustments- i.e. payables, receivables, inventory
- failure to recognize potential deferred tax obligations
- producers in the tax minimization vs. tax management mode
- potential disaster in partial/total liquidation

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The Burn Rate – Working Capital Defense

Revenue	\$2,000,000	Current Assets	\$2,000,000
Expenses	<u>2,500,000</u>	Current Liabilities	<u>\$1,000,000</u>
Loss	\$500,000	Net Working Capital	\$1,000,000

Net Working Capital \$1,000,000 = 2.0 Years

Projected Loss \$500,000

Green >3.0 Years

Yellow 1.0-3.0 Years

Red <1.0 Year

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The Burn Rate – Debt Service Payments Offense

Revenue	\$2,000,000	Current Assets	\$2,000,000
Expenses	<u>1,800,000</u>	Current Liabilities	<u>\$1,000,000</u>
Profit	\$200,000	Working Capital	\$1,000,000

Debt Service Payments = \$200,000

Net Working Capital \$1,000,000 = 5.0 Years
 Debt Service Payments \$200,000

Green >5.0 Years
 Yellow 2.5-5.0 Years
 Red <2.5 Years

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The Burn Rate – Working Capital

▪ **Defensive**

Current Assets: \$2,000,000
 -Current Liabilities: \$1,000,000
 = Working Capital: \$1,000,000

Projected Loss: \$500,000

Working Capital = 2 Years
Projected Loss

Green >3.0 Years
 Yellow 1.0-3.0 Years
 Red < 1.0 Year

▪ **Offensive**

Current Assets: \$2,000,000
 -Current Liabilities: \$1,000,000
 = Working Capital: \$1,000,000

Debt Service Payments: \$200,000

Working Capital = 5 Years
Debt Service Payments

Green >5.0 Years
 Yellow 2.5-5.0 Years
 Red < 2.5 Years

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Burn Rate on Core Equity

(Assume \$500,000 Earnings Loss & 20% land value decline)

Assets- Market Value	Estimated Value	Loan Maximum	Collateral Position	Remaining Principal	Equity Excess Reserves
1. Long Term (20% Decline on Land)	\$6,000,000 \$4,800,000	X 70% X 70%	= \$4,200,000 = \$3,360,000	- \$2,200,000 - \$2,200,000	= \$2,000,000 = \$1,160,000
2. Intermediate	\$3,000,000	X 60%	= \$1,800,000	- \$800,000	= \$800,000
3. Current	\$1,650,000	X 80%	= \$1,320,000	- \$860,000	= \$460,000

Burn Rate: Land & Long Term Equity Reserves = $\frac{\text{Excess Reserves} = \$2,000,000}{\text{Earnings Loss}^1 \$ 500,000} = 4.0 \text{ Years}$

20% Decline

Burn Rate: Land & Long Term Equity Reserves = $\frac{\text{Excess Reserves} = \$1,160,000}{\text{Earnings Loss}^1 \$500,000} = 2.32 \text{ Years}$

¹ Assume Earnings Loss of \$500,000

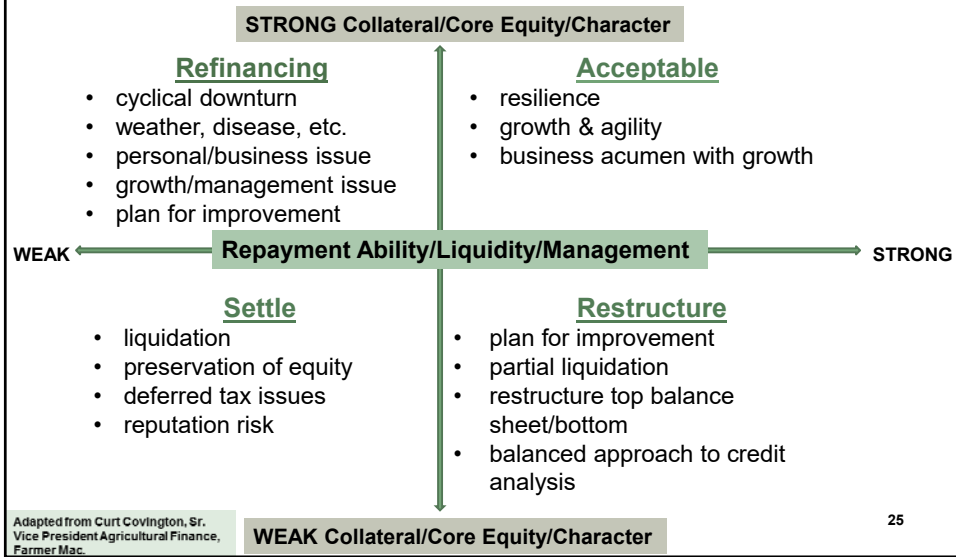
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Five Factors Influencing Burn Rate on Core Equity

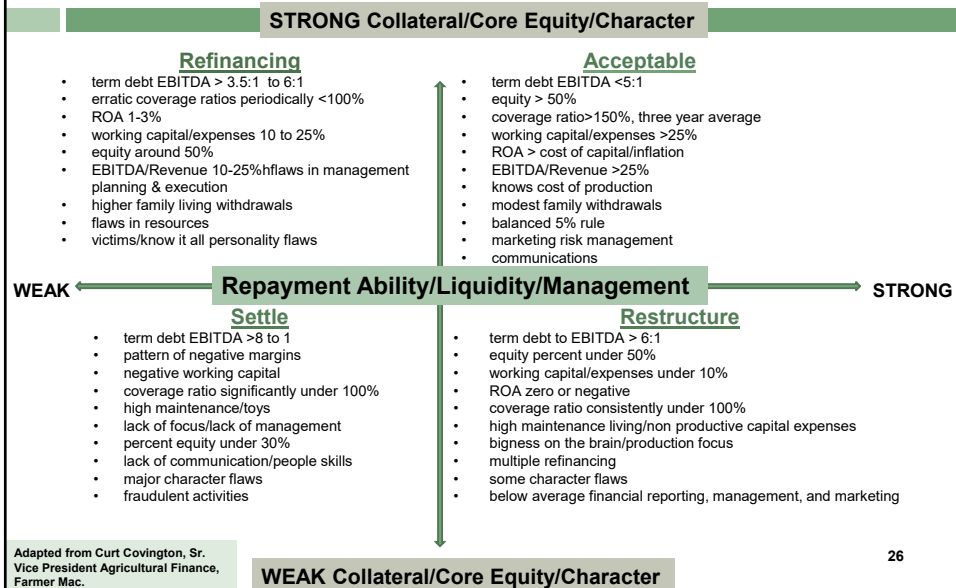
- asset value decline
- advance rate
- amount of losses cash/flow profits
- taxation of sale proceeds- deferred tax liability
- sense of urgency - negotiations “101”

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Agricultural Lending Crossroads



Agricultural Customer Crossroads



Questions

