

Base Premise:
History Always Repeats Itself (if one knows where to look)

Genuinely Different Market Forecasting

**Unique computerized, proprietary, mathematical technology
Using cycle-summation and pattern-recognition techniques**

Identifies Action/Reaction dynamics in price patterns

Refined over 30 years

**\$1 Million portfolio increased 301% with 87% accuracy
from March 24, 2011 to Feb 4, 2015**

(see Appendix: Documented Hypothetical Portfolio)



Blue Apple Trends

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Opportunity

- Increase wealth
- Diversify market exposure
- Using tools based on core natural laws, which operate from a deeper level of understanding of market mechanics
(that for the most part, have been hidden)
- By using these tools (instead of techniques commonly used by other funds), a fund manager is better capable of *forecasting* market movements



Better tools improve results for fund management

Trading accuracy: Dependable results over a long period of time

Risk Management: Know the probability a trade will win, and gauge strength of the trend

Systematic Spread Forecasting of the high and low points of any spread

Buy and sell physical products, futures contracts, and financial assets

Forecast markets, contracts, stocks, spreads, and track records

Hedge difficult-to-hedge commodities

Allocate assets

Identify price support and resistance levels

Increase certainty of trend duration

Increase certainty of entry and exit points



Technology: Overview

OVERVIEW: Blue Apple Trends Technology is a unified analytical approach. It consists of four different tools and then putting the pieces together.

1. Timing signals (wave mechanics). Pure buy and sell dates based on a proprietary cycle decomposition method dissecting the data and recombining the cycle components going forward. This is the backbone of the system.
2. Bollinger bands and MACD filters. These help confirm the cycles.
3. Pattern recognition. Computer software to help locate price patterns that may be repeating. This is a synthesis approach to compare with an analytical approach of timing signals. **When the two approaches agree on the future forecast, we have a strong forecast probability.**
4. Price support and resistance lines. A proprietary and uniquely accurate approach to price-level generation.
5. Putting the pieces together. **The final assessment, or the bottom line in the summary pages of each section.** We will **override** the computer signals when appropriate. They give us the odds and backbone, which we start with but don't follow slavishly.



I. How we use Wave Mechanics

II. To identify where history is repeating itself

III. Additional techniques

IV. Examples of trade performance

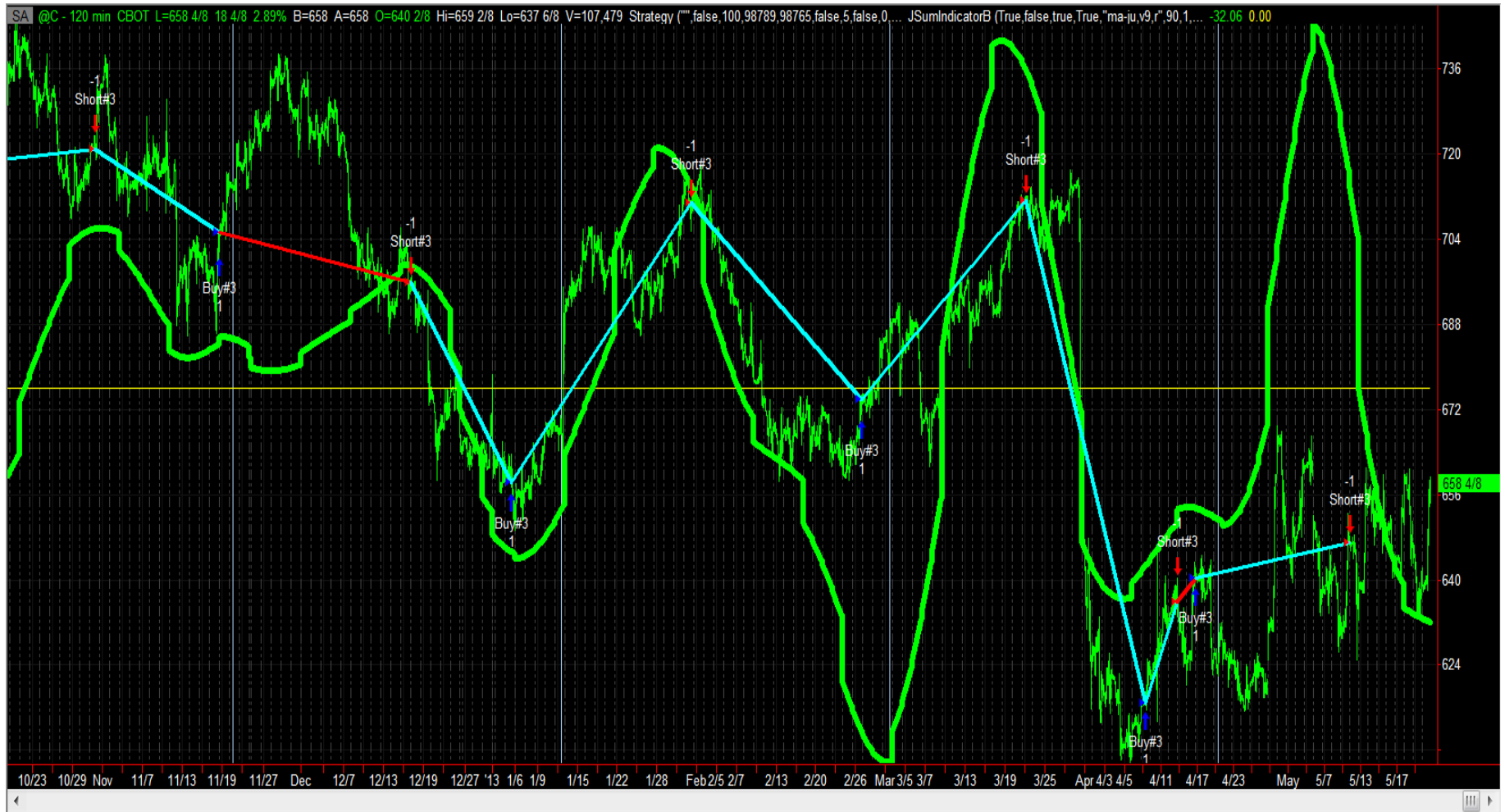


Wave Mechanics



Introduction to Blue Apple Trends: Wave mechanics

Corn 10/2012-5/2013: Solid green curve was our forecasted path; the green bars the actual time series. Winning trades are solid blue lines. Losing trades in red.



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Wave Mechanics applied to forecasting

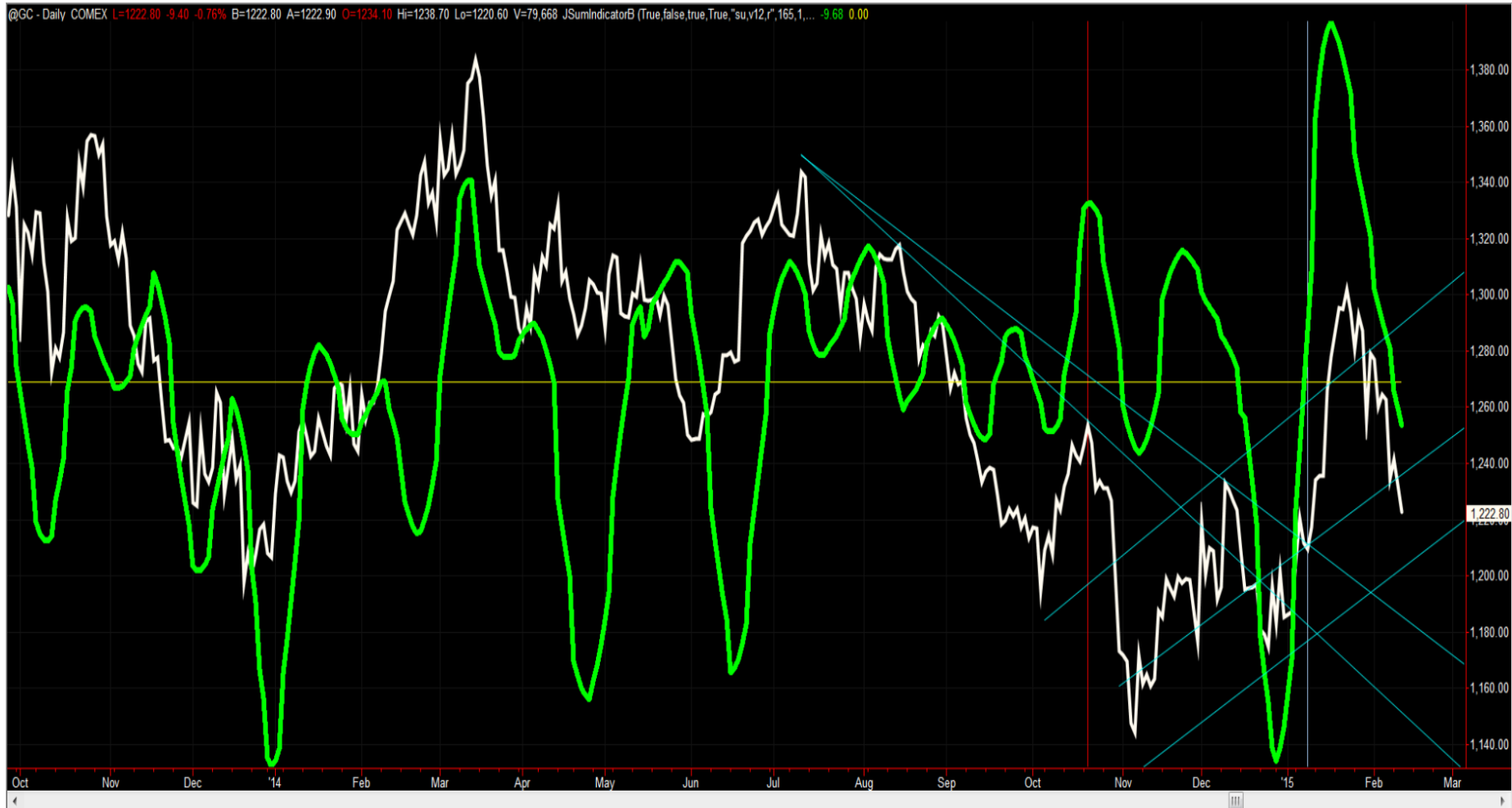
Gold Forecast 1982-2015: The blue curve was our forecast for 33 years of gold prices





Wave mechanics applied to forecasting

GOLD 10/2013-2/2015 daily chart: Solid green curve was the forecasted path; the white lines the actual gold market time series.



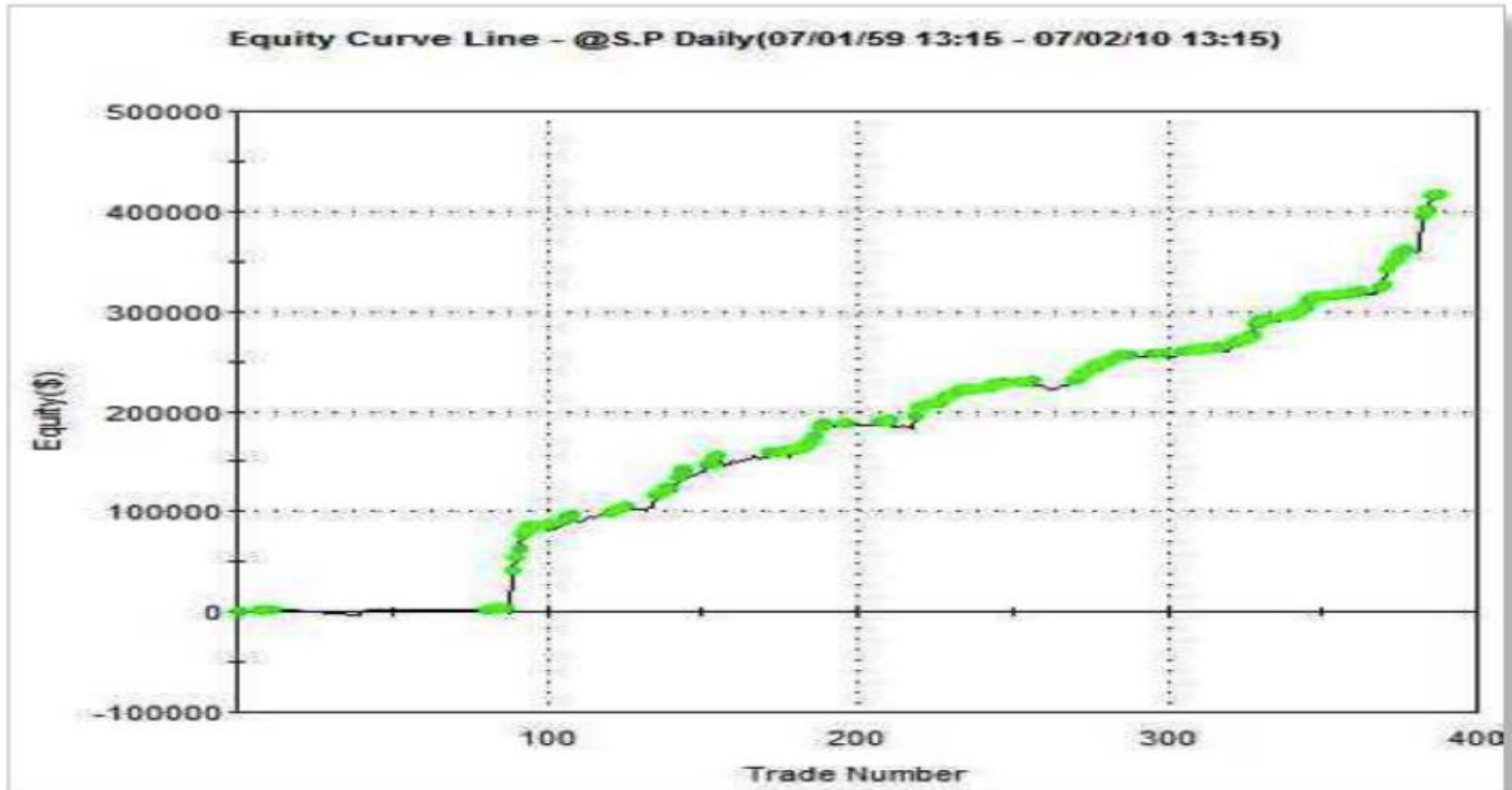
10/5/2017

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Wave mechanics applied to forecasting

Soybeans Futures Equity curve 1959-2010: The cumulative results of profits and losses trading one soybeans futures contract. Green dots are new high points in the continuous equity curve of almost 400 trades. 63% accuracy on short- and intermediate-term trades. These trades were based on the Wave-Mechanical approach. The formula has not changed in 55 years. It continues to be profitable.





History Repeating Itself

Many traders see repeating patterns.

Unless the CAUSE of the cycle is known, the patterns could be illusory accidents and may not continue.

The uniqueness of our approach allows for identifying when a pattern will most likely start repeating, and then stop.



Pattern Recognition Component of the tools

Dow Jones Correlation: The 2007-2009 decline was 92% correlated with the 1930-1932 decline, due to a 76.8-year cycle.





SP 500 upper chart 240 min bars of the 1997 market overlaid on the 2017 market with the same calendar dates. Ending 7/27/17. The lower chart is the projected future if the pattern continues.



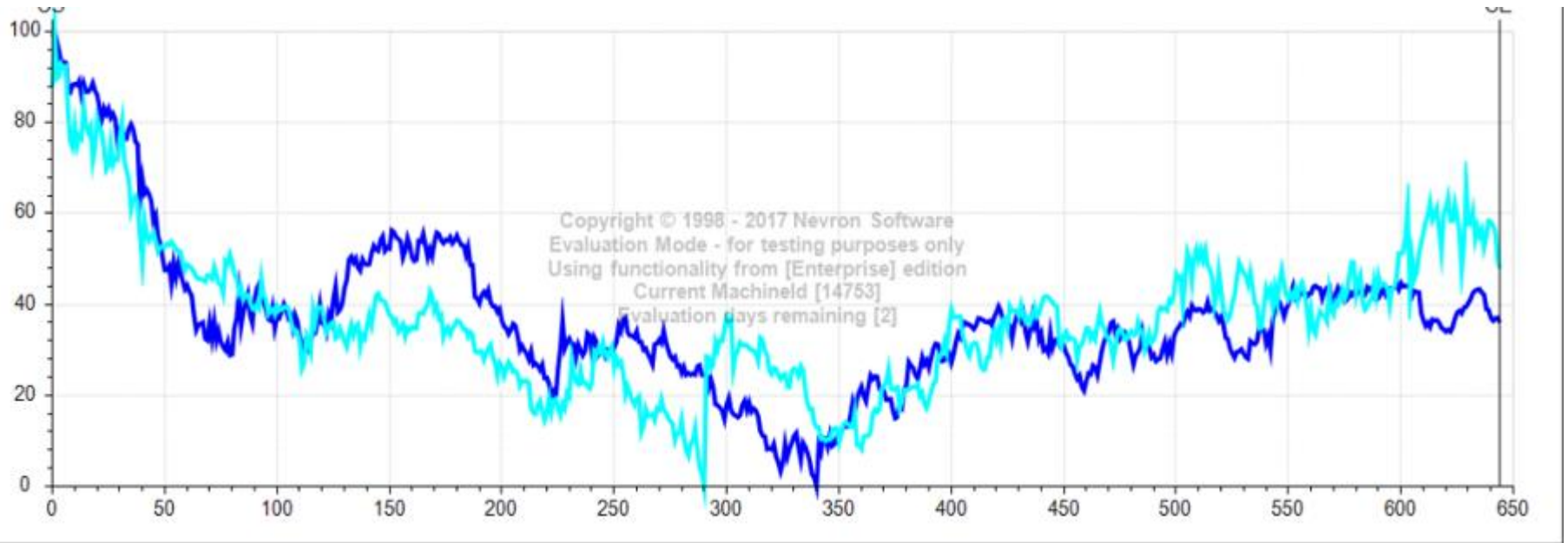
09/25/2017

This is a general idea of the future path. It is not meant as an exact forecast



CRUDE OIL (Daily data): Comparing the two periods, current performance and 17 years ago. An amazing level of repetition is happening. The last 2.5 years are 77% correlated. The prior chart shows the forecast.

The present market from Dec 2014 to May 15, 2017 in dark blue the light blue line from Dec 1997-May 2000. This explains why we think the future forecast may continue to be correct. The 17 and 27 year cycles agree before and after the present time very tightly together.





Soybeans 40 year cycle repeating in 2017

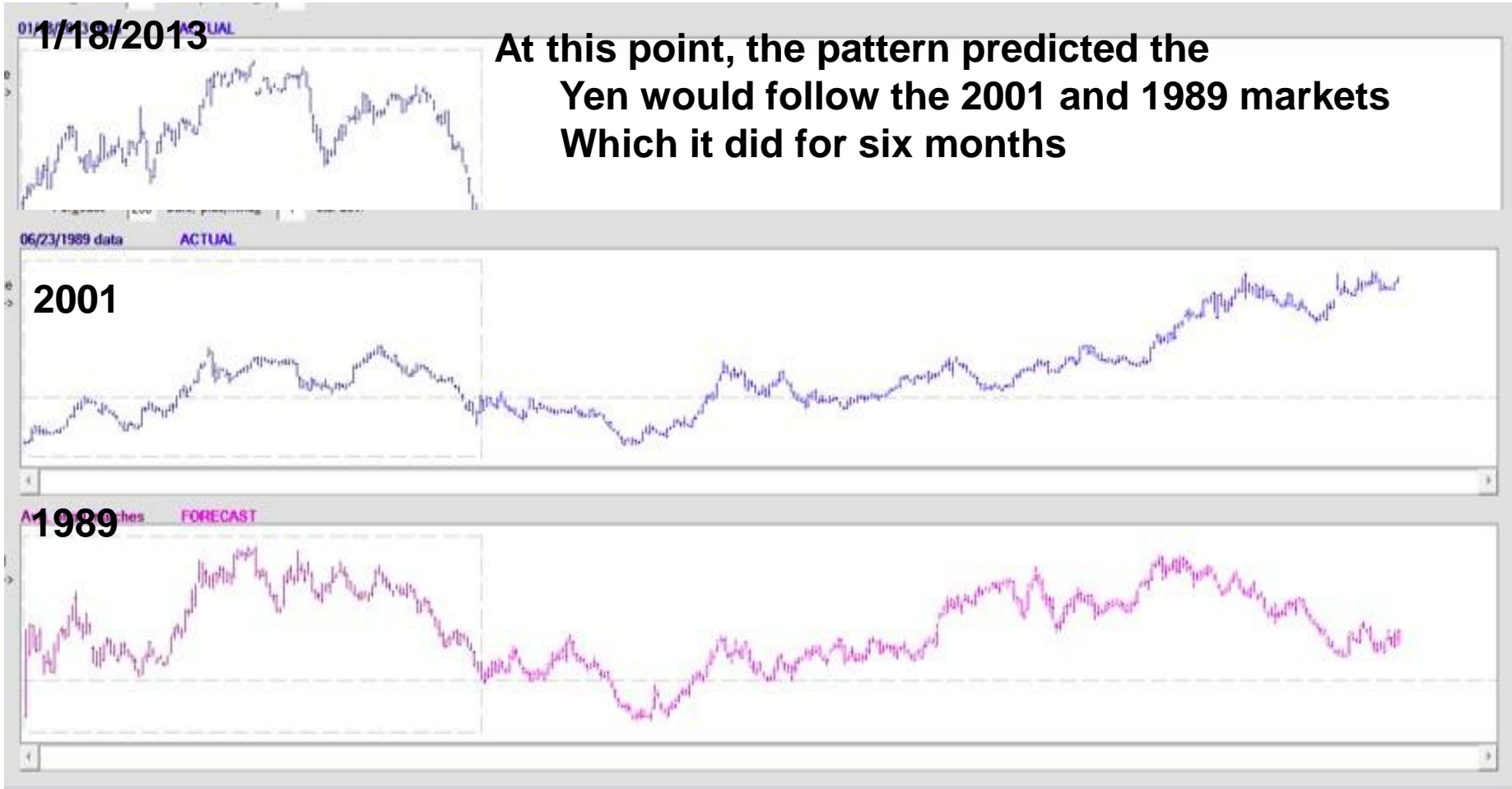
11INC+X(D) - Monthly CBOT L=0 -968 2/8 -100.00% B=0 A=1085 O=0 Hi=0 Lo=0 V=0





Pattern Recognition Component of the tools

Japanese Yen futures: This interval is 11.8 years.





History repeating itself: **Inverted**

Short-Term Crude Oil Forecast: 786-trading-day interval (inverted), repeating. We forecasted the huge decline in crude oil from point J, in real time, partly based on this model.



10/5/2017



Additional Techniques

The techniques we use are proprietary and come from diverse sources.

We have discovered many laws of markets while standing on the shoulders of great teachers such as Dr. Jerome Baumring, of the Investment Institute.



Slide technique: Identify the correct interval and Know how long it will repeat

Long-Term Soybeans Forecast: 218-week cycle (interval), repeating. Note the high and low points are repeating at the specific dates indicated by the letters A,B,C etc. These are consecutive correct pivots, repeated at the **same interval**. These pivots were forecasted in real time as part of our weekly reports, far in advance of the actual occurrences. This technique would be a major tool for any fund; a very profitable approach.



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10/5/2017

Yellow Lines at Points A are not only high points, but the beginning of a sequence of repeating pivots.

20



Gold Futures 2008-2015: Support and resistance levels generated by the harmonics of one single number: 10,759. It is a highly unusual technique we discovered. Arrows are buy and sell indicators using these important price levels.

Lines were not generated after the fact, but existed before the time period started.

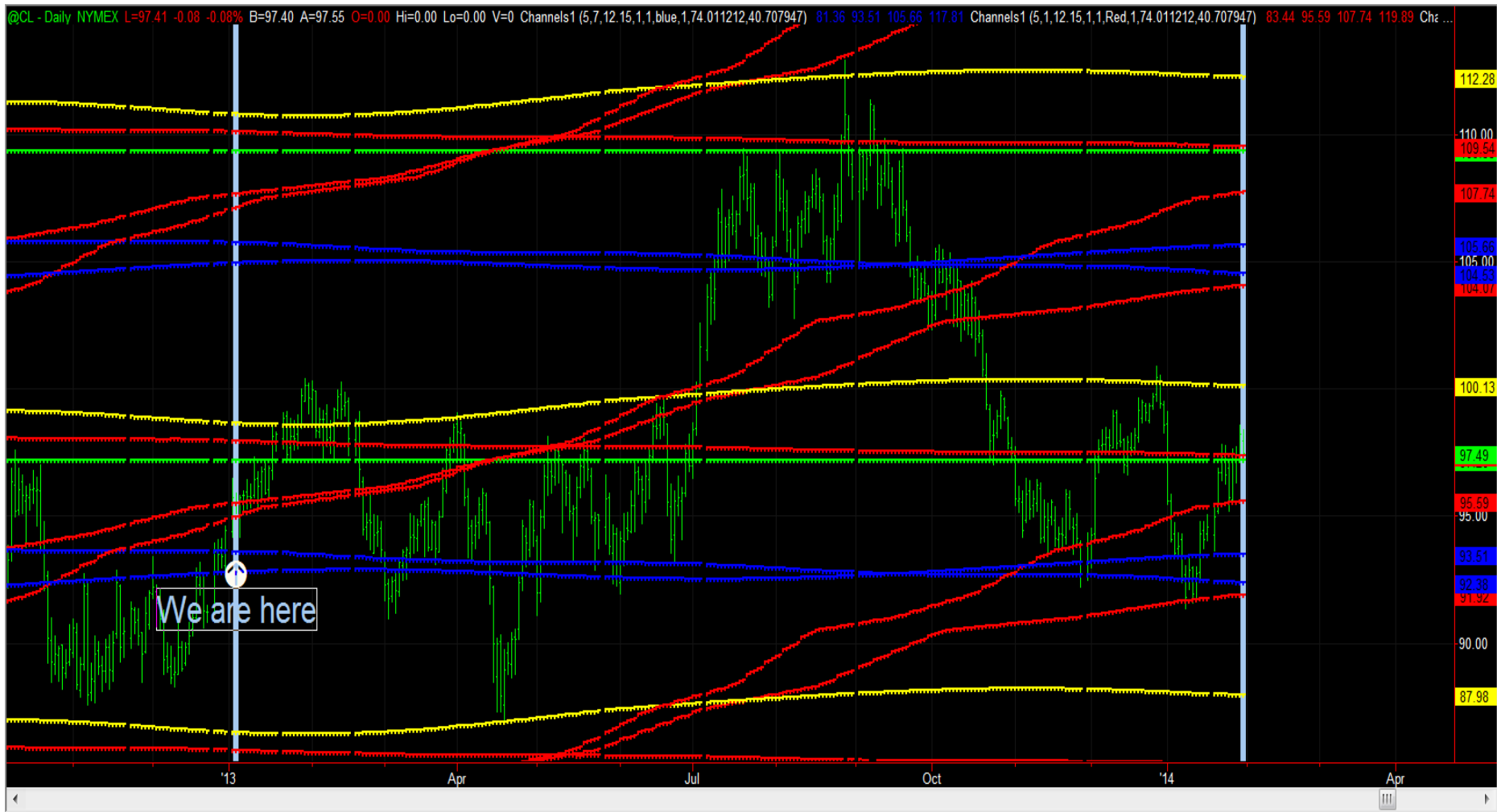
This is not forecasting based on past price action.





CRUDE OIL: Support and resistance levels during 2013

For optimum trade entries, we use Proprietary price levels (which are NOT moving averages)



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Natural Gas: The same colored lines are all equally spaced. The distance from the first yellow line to the second is equal to the distance of the first red line to the second etc. This is an interval of repetition. Note the sequence of repeated pivots all high to high and low to low as the lines progress. What should a trader due at the top in 2008 at the second yellow line: **SELL!**
Note the 2006 and 2008 declines were very similar as well.





Performance of Trades



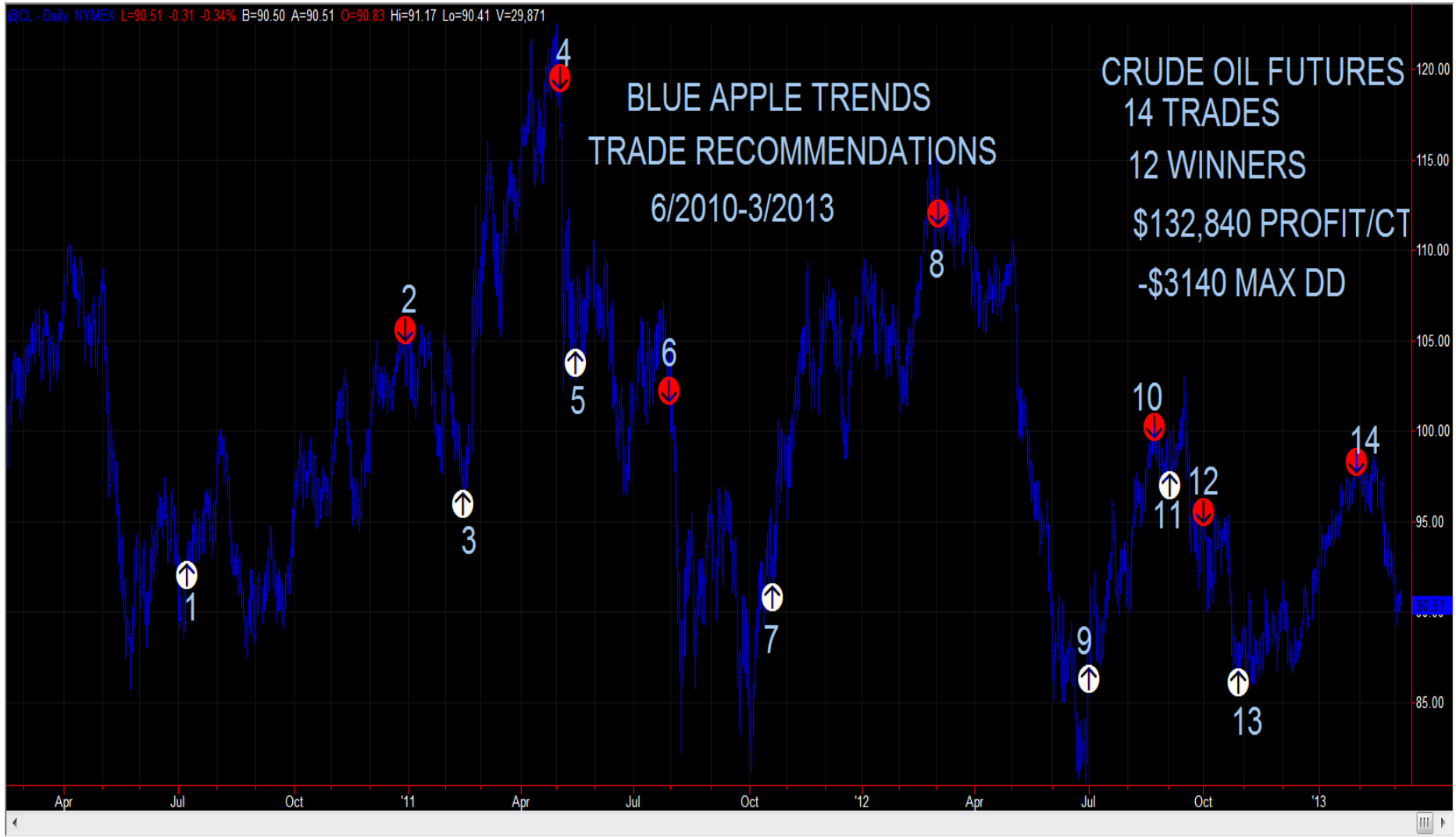
Corn 3/2011-3/2013: Real-time recommendations of Buy and Sell Points



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Crude Oil 6/2010-3/2013: Real-time Buy and Sell recommendations to clients



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Blue Apple Weekly Worksheet

Blue Apple Trends Portfolio (began with \$1 Million)

***\$3,670,375 profit on (hypothetical)
completed trades 3/24/2011 to 09/29/2017.
with 82% accuracy.***



Blue Apple Weekly Worksheet

Soybeans

Entry Date	No. of Contracts	Short or Long	Entry Price	Projected Exit Date	Actual Exit Date	Exit Price	Profit/Loss	P/L \$
6/14/11	50 sx11	long	\$13.6375	7/27/2011	7/27/2011	\$13.805	\$837.5/ contract	\$41,775
6/17/11	50sx11	long	\$13.3375	8/5/2011	7/15/2011	\$13.93375	\$3000/ contract	\$150,000
12/14/11	25 sn12	long	\$11.3125	12/30/2011	1/4/2012	\$12.4875	\$5875/ contract	\$146,875
5/25/12	25 sn12	short	\$13.82	9/27/12	6/01/2012	\$13.25	\$2850/ contract	\$71,250



Blue Apple Trends Portfolio

Soybeans (p. 2)

Entry Date	No. of Contracts	Short or Long	Entry Price	Projected Exit Date	Actual Exit Date	Exit Price	Profit/Loss	P/L %
6/08/12	40 SN12	Short	\$14.14	7/30/12	7/2/2012	\$15.26		<\$224,000>
6/15/2012	10sn12	short	\$14.51	7/30/12	7/2/2012	\$15.26		<\$37,500>
7/03/2012	25 sx12	Short	\$14.54	7/24/2012	9/27/2012	\$15.60	-5300/ct	<\$132,500>.
7/03/12	25sx12	short	\$14.54	11/2012	11/12/2012	\$14.10	\$2200/ct	Closed
6/29/2012	50aug \$15	Short	\$.53					\$55,000
11/15/12	25 sk13	short	\$13.78	12/14/12	1/09/2013	\$13.70		closed
6/29/12	50 Aug 15.00puts	short	\$.53	7/24/12		\$.25	\$1600/ct	\$10,000 Closed
								\$80,000 closed
7/16	100 Sept \$16.00 puts	Short	\$1.2537 5	8/3/2012	8/23/2012	\$.09		\$581,850 closed
9/10/2012	100Nov\$1 7.80 puts	Short	\$.52	10/14/2012	9/17/2012	1.52		0 Closed
10/1/2012	50 nov 17.00 puts	short	\$1.89	10/16/2012	10/18/2012	\$1.58	\$1550/ct	\$77,500 closed



Blue Apple Trends Portfolio

Soybeans (p. 3)

Entry Date	No. of Contracts	Short or Long	Entry Price	Projected Exit Date	Actual Exit Date	Exit Price	Profit/Loss	P/L %
5/14/2013	50	Long	\$14.12	6/18/2013				closed
	15				5/22/2013	\$14.82	\$3500/ct	\$52,500close
	15				5/23/2013	\$15.30	\$5900/ct	\$88,500
	20				6/13/2013	\$15.12	\$5000/ct	\$100,000
1/27/2014	15 sh14	Short	\$12.90	2/18/2014	Lightened up position	\$12.90	-3250/ct	\$-48,750
	35 sh14	short	\$12.90		2/03/2014	\$12.70	0	0
	50 sh14	short	\$12.90		1/29/2014		\$1000/ct	\$50,000
								closed
3/5/2014	25 sk14	Long	\$14.20		3/10/2010	\$14.20	0	\$0 closed
	25sk14	Long	\$14.20		03/07/2014	\$14.50	\$1500./ct	\$37,500
								closed



Blue Apple Trends Portfolio

Corn (p. 1)

Entry Date	No. of Contracts	Short or Long	Entry Price	Projected Exit Date	Actual Exit Date	Exit Price	Profit/Loss	P/L %
3/24/2011	50	Short CN11	\$7.08	10/14/2011	6/17/2011	\$7.00	\$400/contract	\$20,000
3/24/2011	50	Short CN11	\$7.08	6/1/2011	6/1/2011	\$7.51	<\$2350> loss/contract	<\$117,000>
6/17/2011	50	Short cz11 Roll over to Dec corn	\$6.60	10/14/2011	7/1/2011	\$5.83	\$3850/cont	\$192,500
8/3/2011	25	Short cz11	\$7.13	10/14/2011	9/23/2011	\$6.385	\$3725	\$93,125



Blue Apple Trends Portfolio

Corn (p. 2)

Entry Date	No. of Contracts	Short or Long	Entry Price	Projected Exit Date	Actual Exit Date	Exit Price	Profit/Loss	P/L %
8/3/2011	15	Short Cz11	\$7.13	10/14/2011	10/4/2011	\$5.8775	\$6262/ct	\$93,937
8/3/2011	10	Short Cz11	\$7.13	10/28/2011	10/14/2011	\$6.3975	\$3662.5/ct	\$17,500
12/14/2011	25	Long cn12	\$5.9575	12/28/2011	12/28/2011	\$6.56	\$3012.5/ct	\$75,312.5
4/26/2012	25	Long cn12	\$6.20	5/14/2012	5/14/2012	\$5.83	\$-1850/ct	<\$46,250>
11/01/2012	25	Short cz12	\$7.55	3/16/2013	11/07/12	\$7.39	\$800/ct	\$20,000
11/29/2012	25	Short ck13	\$7.64	3/06/2013	12/20/2012	\$6.97	\$3350/CT	\$83,750
1/09/2013	25	Long ck13	\$6.89	1/25/2013	1/16/2013	\$7.30	\$2050/ct	\$51,250
2/01/2013	25	Short ck13	\$7.47	3/06/13	03/08/2013	\$7.01	\$2300/ct	\$57,500
2/08/2013	15	Short ck13	\$7.18	03/06/13	3/01/13	\$7.01	\$850/ct	\$12,750
03/13/2013	25	Long ck13	\$7.03	03/20/2013	03/20/13	\$7.25	\$1200/ct	\$30000



Blue Apple Trends Portfolio

Corn (p. 3)

Entry Date	No. of Contracts	Short or Long	Entry Price	Projected Exit Date	Actual Exit Date	Exit Price	Profit/Loss	P/L %
4/10/2013	25	long cn13	\$6.20	6/01/2013	4/19/2013	\$6.31		\$13,750 closed
5/22/2013	25	Long cn13	\$6.40	6/18/2013	06/13/2013	\$6.45		\$6.250 closed
	25	Sell cn13	\$6.70		06/07/13			\$37,500 closed
6/17/2013	26	Long cn13	\$6.55	6/21/2013	6/21/2013	\$6.65		\$12,500 closed
11/08/2013	50	Long cz13	4.20	12/04/13 rollover	11/26/2013	\$4.22		\$5000closed
11/26/2013	50	Long ch14	4.265 rollover	2/04/2013	2/04/2014	4.41		\$36,250
2/24/2014	25	Long CK14	4.52	3/25/2014	03/25/2014	\$4.86		\$55,000closed
	25	Long ck14	4.52		3/07/2014	\$4.98		\$57,500 closed



Blue Apple Trends Portfolio

Spread Positions for Grains (p. 1)

Entry Date	Number of Contracts	Short Contract	Entry Price	Long Contract	Entry Price	Proj. Exit Date	Actual Exit Date	Exit Price	Profit/Loss	P/L %
4/14/11	100 short CN11, and 50 long SN11	CN 11	\$7.474	SN 11	\$13.4275	8/23/11	6/17/11	\$7.00 And \$13.33	\$4700 -\$475= \$4225 Per spread	\$237,500
6/3/11	100 shortBOZ 11 100long SMZ11	BOZ11	60.04	SMZ11	\$360.4		6/17/11	\$57.40 And \$345.50	\$1800 -\$1450 = \$350 per spread	\$35,000
6/17/11	100 short Cz11 50 long sx11	cz11	\$6.60	sx11	\$13.3325	8/23/11	6/30/11	\$5.83 and \$13.07	\$3850x2= \$7,700 -\$1312.50 =\$6387.50 Per spread	\$385,000



Blue Apple Trends Portfolio

Spread Positions for Grains (p. 2)

Entry Date	Number of Contracts	Short Contract	Entry Price	Long Contract	Entry Price	Proj. Exit Date	Actual Exit Date	Exit Price	Profit/Loss	P/L %
8/5/11	50	wz12	784.75	kwz12	\$821.75		11/30/2012	52.50	\$875	\$43,750 closed



Blue Apple Trends Portfolio

Wheat trades

Entry Date	Number of Contracts	Short Contract	Entry Price	Long Contract	Entry Price	Proj. Exit Date	Actual Exit Date	Exit Price	Profit/Losses	P/L %
9/24/2013	50			kwz13	\$654.5	10/22/13	10/24/13	\$7.01	\$325	\$58,125 closed
	25						10/4/2013	\$6.90		\$45,625 closed
1/3/14	25			wh14	\$5.99	2/7/2014	01/09/2014	\$5.99	0	\$0 closed
2/25/14	50	Wk14	\$6.17				2/27/14	\$5.97	\$1000/ct	\$50,000cl.
2/25/14	25	Wk14	\$6.17			4/2/2014	4	\$6.57	-\$2000/ct	<\$50,000>
	25	Wk14	\$6.17				03/03/2014	\$6.17		Closed 0 closed
4/30/14	25	Wn14	\$7.22			6/05/14	5/15/14	\$6.72		\$62,500 closed
	15	Wn14	\$7.22				4			\$87,500 cl
	10	Wn14	\$7.22				05/30/14	\$6.32		\$55,000 cl
		wn14					06/05/14	\$6.12		

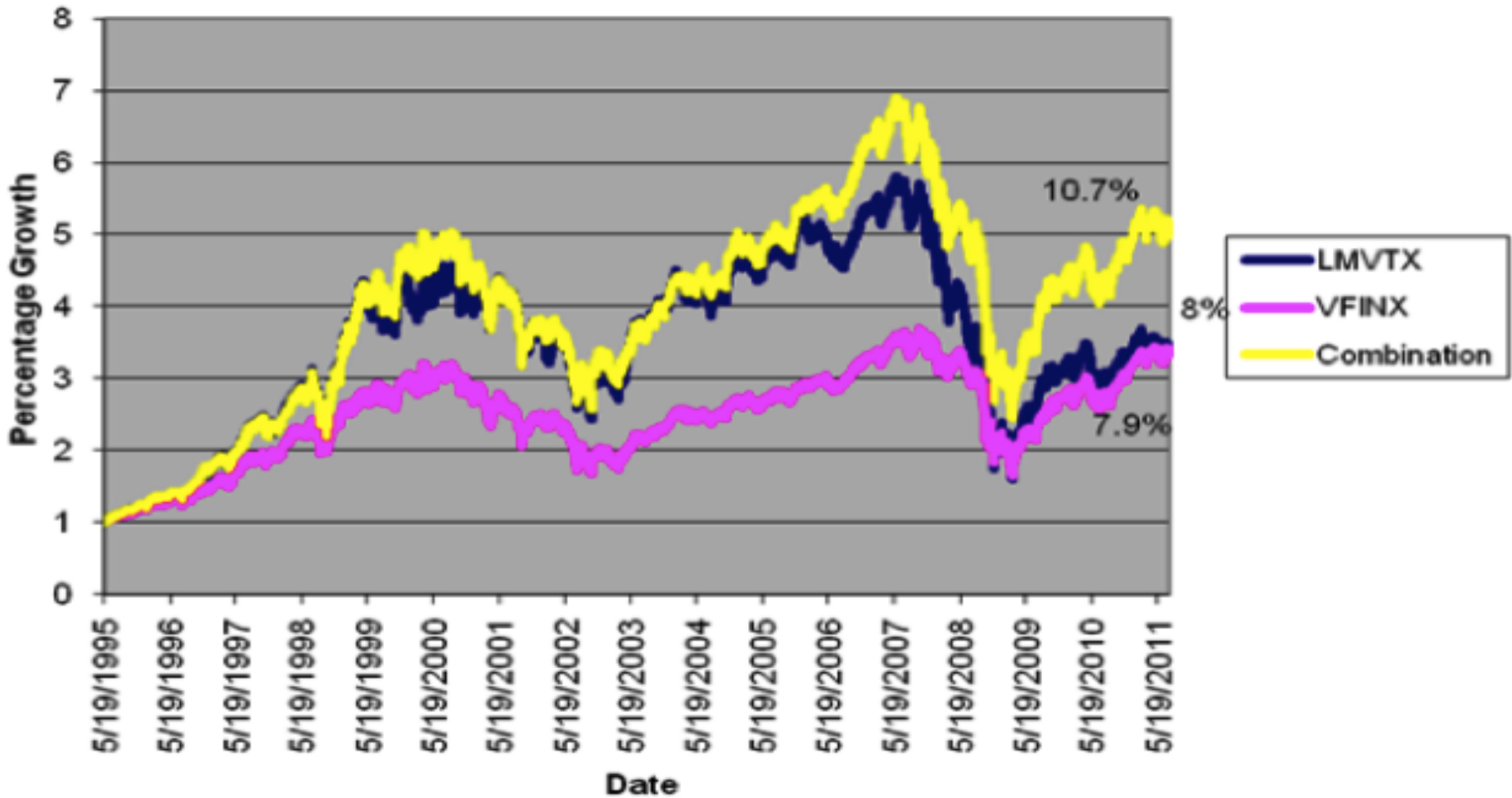


Final Notes



Equity mutual fund switching model: Buy large cap when it is forecast to be stronger in the future, and small cap when it is likely to be stronger.

Yellow line 1995-2011: 94% correct switching decisions



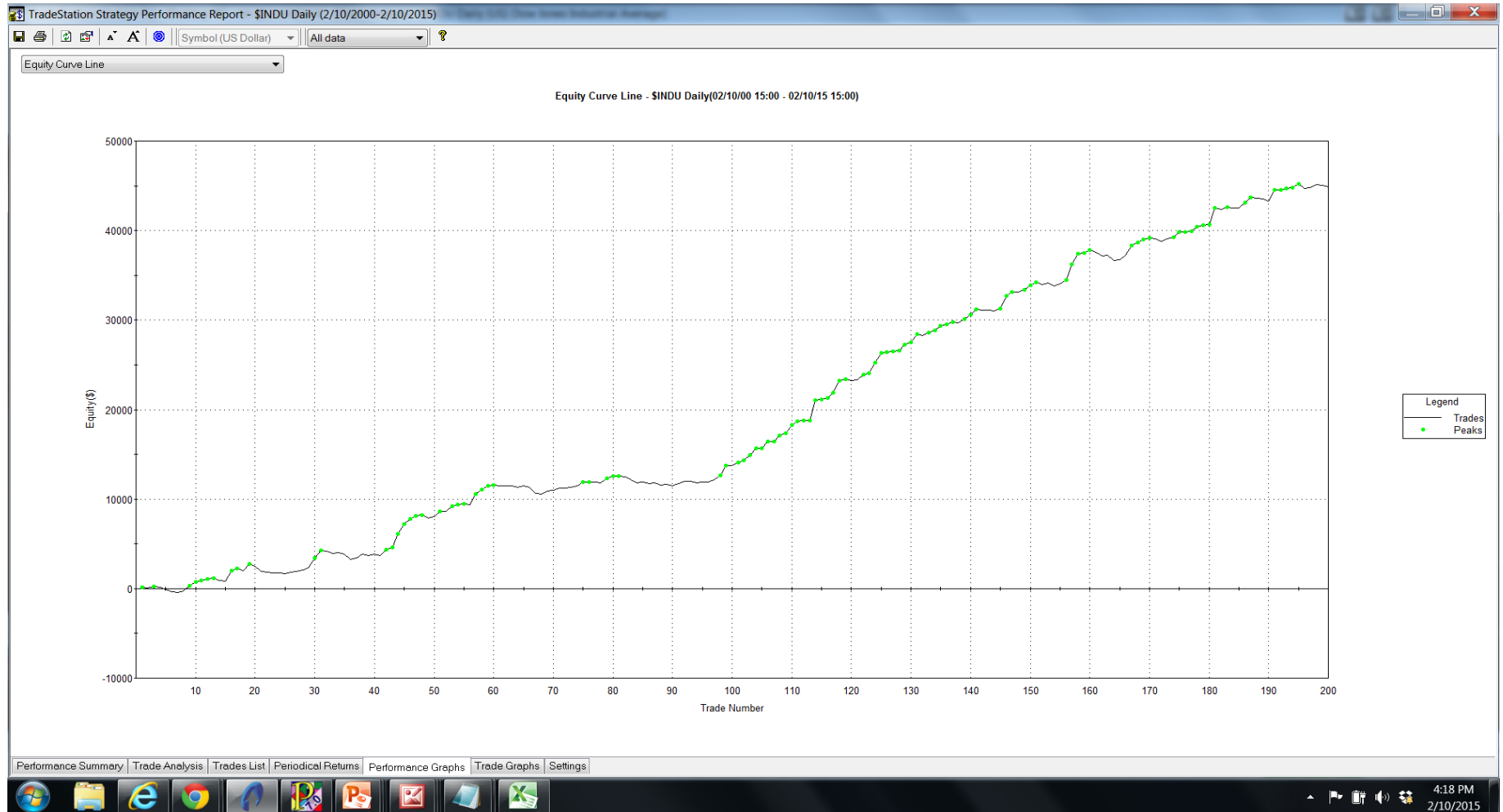


DJIA Trading results in DJIA Points, 2000-2015 time period: Equity Curve

70% accuracy in intermediate-term trades

\$44,000 points, 1196 points max dd

Approximately 40% per year with 10% maximum draw down





DJIA Trading results in DJIA Points, 2000-2015 time period: Statistics

TradeStation Strategy Performance Report - \$INDU Daily (2/10/2000-2/10/2015)

Symbol (US Dollar) | All data

Display: Column View

TradeStation Performance Summary

	All Trades	Long Trades	Short Trades
Total Net Profit	\$44,876.07	\$25,953.77	\$18,922.30
Gross Profit	\$56,193.31	\$29,919.71	\$26,273.60
Gross Loss	(\$11,317.24)	(\$3,965.94)	(\$7,351.30)
Profit Factor	4.97	7.54	3.57
Roll Over Credit	\$0.00	\$0.00	\$0.00
Open Position P/L	\$357.19	\$357.19	\$0.00
Select Total Net Profit	\$39,054.95	\$22,407.43	\$16,647.52
Select Gross Profit	\$50,372.19	\$26,373.37	\$23,998.82
Select Gross Loss	(\$11,317.24)	(\$3,965.94)	(\$7,351.30)
Select Profit Factor	4.45	6.65	3.26
Adjusted Total Net Profit	\$38,670.36	\$21,719.51	\$14,368.05
Adjusted Gross Profit	\$51,460.98	\$26,595.30	\$22,881.69
Adjusted Gross Loss	(\$12,790.62)	(\$4,875.79)	(\$8,513.64)
Adjusted Profit Factor	4.02	5.45	2.69
Total Number of Trades	200	100	100
Percent Profitable	70.50%	81.00%	60.00%
Winning Trades	141	81	60
Losing Trades	59	19	40
Even Trades	0	0	0
Avg. Trade Net Profit	\$224.38	\$259.54	\$189.22
Avg. Winning Trade	\$398.53	\$369.38	\$437.89
Avg. Losing Trade	(\$191.82)	(\$208.73)	(\$183.78)
Ratio Avg. Win:Avg. Loss	2.08	1.77	2.38
Largest Winning Trade	\$2,274.78	\$1,829.81	\$2,274.78
Largest Losing Trade	(\$648.72)	(\$648.72)	(\$623.72)
Largest Winner as % of Gross Profit	4.05%	6.12%	8.66%
Largest Loser as % of Gross Loss	5.73%	16.36%	8.48%
Net Profit as % of Largest Loss	6917.63%	4000.77%	3033.78%
Select Net Profit as % of Largest Loss	6020.31%	3454.10%	2669.07%
Adjusted Net Profit as % of Largest Loss	5961.02%	3348.06%	2303.61%
Max. Consecutive Winning Trades	19	38	9
Max. Consecutive Losing Trades	4	3	5
Avg. Bars in Total Trades	19.50	23.50	15.50

Performance Summary | Trade Analysis | Trades List | Periodical Returns | Performance Graphs | Trade Graphs | Settings

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Blue Apple Trends

Disclaimer

These trading signals are based on a theoretical model that has been tested in the past only.

The model has been produced in good faith as the basis of a program that is being activated for present and future use. No model can guarantee future performance.

All risk is being assumed by the party{s} who utilize this strategy.