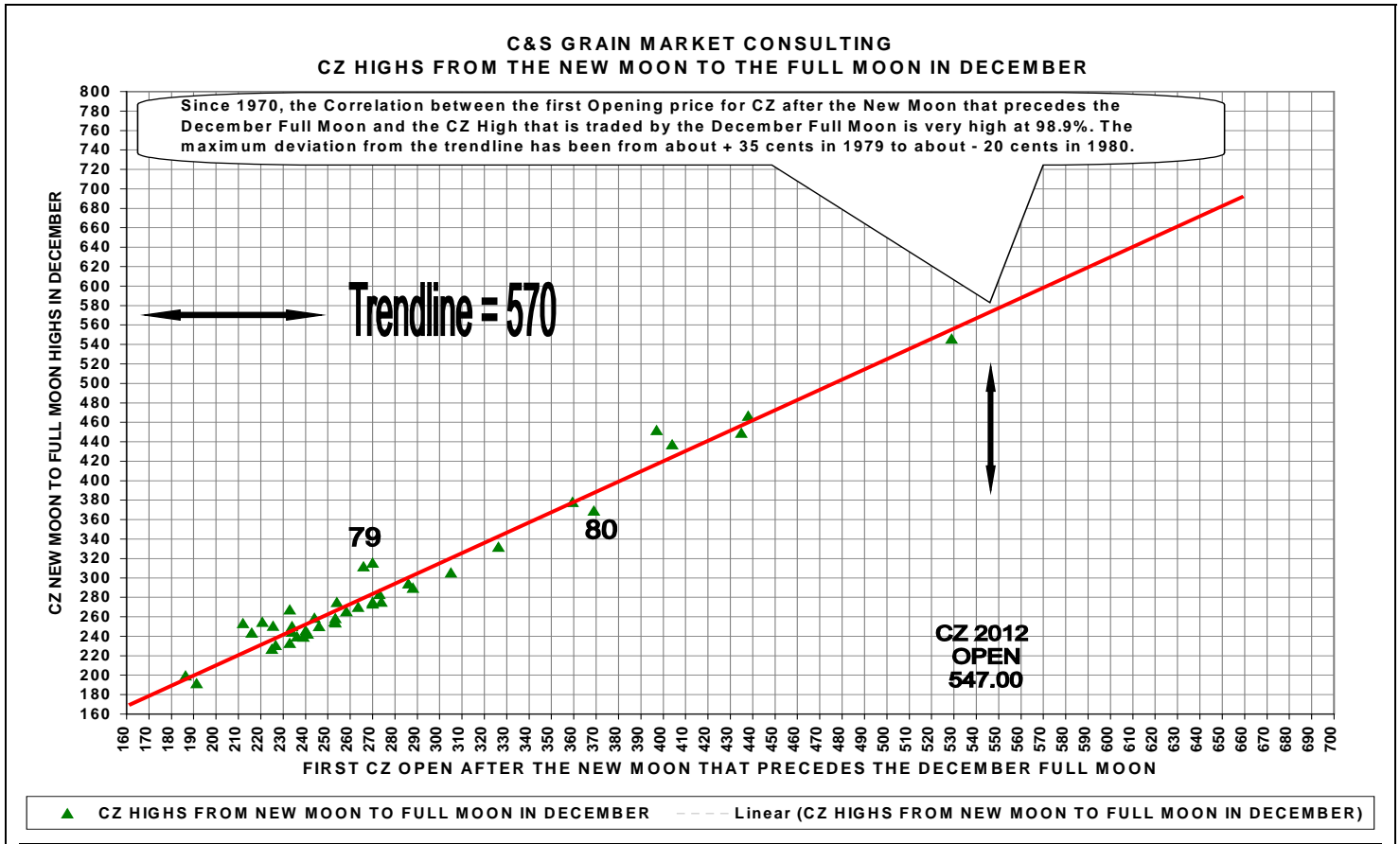


11/27/11  
**C&S Grain Market Consulting**  
**TOOL #8: CZ NM to FM Bi-Weekly Moongate**

**NEW MOON TO FULL MOON CZ HIGHS**  
**For the November 28 to the December 10 time frame for the CZ 2012 Contract**



**Summary:**

Since 1970, the chart above is based upon the Historical Scatter Analysis of the price relationships between the first opening price in a CZ contract after the New Moon that immediately precedes the December Full Moon, and the Highs that occur by the December Full Moon. In 2011, Scatter Analysis indicates the CZ12 contract has a Trendline for a High in 570.00 area between now and December 10<sup>th</sup> based upon the CZ12 opening price on Monday morning, 11/28/11, at 547.00.

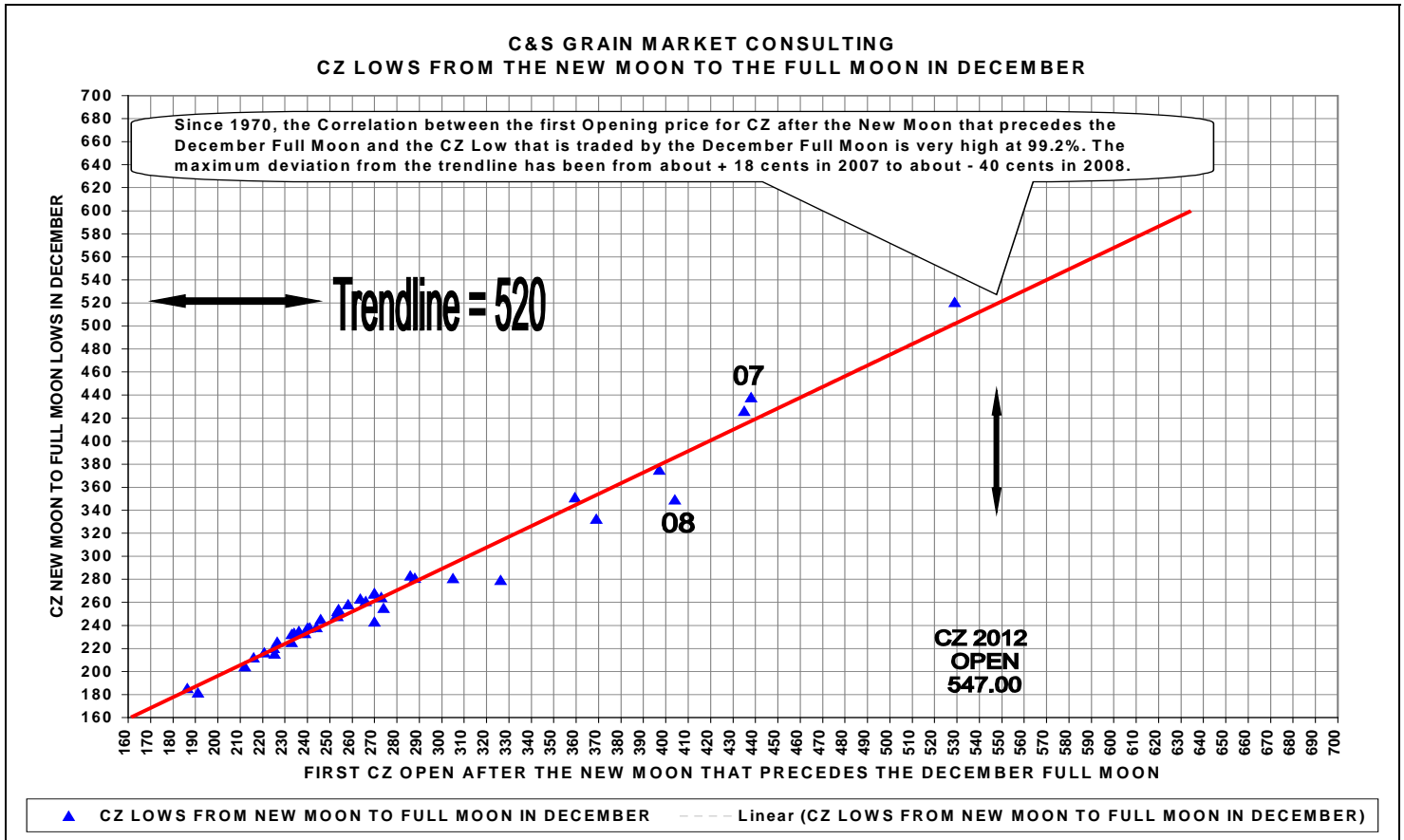
Since 1970, the correlation has been very high at 98.9%. The maximum deviation Above The Trendline shown in the chart above is about +35 cents in 1979, while the maximum deviation Below The Trendline shown in the chart above is about -20 cents in 1980. Therefore, the Maximum deviations from the Trendline indicate that the High should be somewhere between the 605.00 and the 550.00 areas.

Since 1997 when FTF started, the High has averaged about +18 cents above the Opening Price, and since 2004 when the volatility began increasing, the High has averaged about +22 cents above the Opening price. Therefore, based upon recent Historical Averages above the Open, the CZ12 High for this time frame could be in the 565 to 569 areas. The average of all 5 potential High prices that are underlined above is about 572. Considering all of the data and chart formations, my best estimate for the CZ12 High is in the 575 area, plus or minus about 10 cents.

\*\*\*\*\*  
 The historical information herein provided is derived from public data sources and is believed to be accurate but cannot be guaranteed. Providing this information does not include an expressed or implied recommendation for making any trades or other financial decisions. There is risk of loss in trading futures. Any gain or loss resulting from the use of this information is entirely the responsibility of the user. Opinions expressed may change at any time.  
**C&S GRAIN MARKET CONSULTING** William C. Fordham Promoting Stewardship in Marketing New Crop Corn and Soybeans Phone: 815-376-6101  
 24704 2200 E ST, Ohio, IL 61349 Web: <http://www.cs-grainmarketconsulting.com> e-mail: [wilmar@theramp.net](mailto:wilmar@theramp.net) Fax: 815-376-2301  
 "Stewardship in Marketing: Fighting Fear and Greed by using knowledge of the past, an awareness of the present, and planning for the future."

11/28/11  
**C&S Grain Market Consulting**  
**TOOL #8: CZ NM to FM Bi-Weekly Moongate**

**NEW MOON TO FULL MOON CZ LOWS**  
**For the November 28 to the December 10 time frame for the CZ 2012 Contract**



**Summary:**

Since 1970, the chart above is based upon the Historical Scatter Analysis of the price relationships between the first opening price in a CZ contract after the New Moon that immediately precedes the December Full Moon, and the Lows that occur by the December Full Moon. In 2011, Scatter Analysis indicates the CZ12 contract has a Trendline for a Low in 520.00 area between now and December 10<sup>th</sup> based upon the CZ12 opening price on Monday morning, 11/28/11, at 547.00.

Since 1970, the correlation has been very high at 99.2%. The maximum deviation Above The Trendline shown in the chart above is about +18 cents in 2007, while the maximum deviation Below The Trendline shown in the chart above is about -40 cents in 2008. Therefore, the Maximum deviations from the Trendline indicate that the Low should be somewhere between the 538.00 and the 480.00 areas.

Since 1997 when FTF started, The Low has averaged about -10 cents below the Opening Price, and since 2004 when the volatility began increasing, the Low has averaged about -13 cents below the Opening price. Therefore, based upon recent Historical Averages below the Open, the CZ12 Low for this time frame could be in the 537 to 534 areas. The average of all 5 potential Low prices that are underlined above is about 522. Considering all of the data and chart formations, my best estimate for the Low is in the 525 area, plus or minus about 10 cents.

\*\*\*\*\*  
 The historical information herein provided is derived from public data sources and is believed to be accurate but cannot be guaranteed. Providing this information does not include an expressed or implied recommendation for making any trades or other financial decisions. There is risk of loss in trading futures. Any gain or loss resulting from the use of this information is entirely the responsibility of the user. Opinions expressed may change at any time.  
**C&S GRAIN MARKET CONSULTING** William C. Fordham Promoting Stewardship in Marketing New Crop Corn and Soybeans Phone: 815-376-6101 24704 2200 E ST, Ohio, IL 61349 Web: <http://www.cs-grainmarketconsulting.com> e-mail: [wilmar@theramp.net](mailto:wilmar@theramp.net) Fax: 815-376-2301  
 "Stewardship in Marketing: Fighting Fear and Greed by using knowledge of the past, an awareness of the present, and planning for the future."

## C&S Grain Market Consulting

### Tool 8 Historical Track Record For Both New And Full Moon Phases

C&S Grain Market Consulting												
Record Of CZ Estimated Highs And Lows Versus The Actual For Both Moon Phases												
Month	Phase	Opening Date	CZ Moon Phase	Estimated High	Actual High	CZ Amount Of High Miss	Estimated Low	Actual Low	CZ Amount Of Low Miss	Estimated Range	Actual Range	CZ Amount Of Range Miss
03/15/10	03/01/10	F to N	420.00	414.25	-5.75	390.00	391.00	1.00	30.00	23.25	-6.75	
03/30/10	03/16/10	N to F	400.00	405.25	5.25	380.00	382.00	2.00	20.00	23.25	3.25	
04/14/10	03/31/10	F to N	395.00	393.75	-1.25	370.00	376.00	6.00	25.00	17.75	-7.25	
04/28/10	04/15/10	N to F	400.00	394.50	-5.50	375.00	367.50	-7.50	25.00	27.00	2.00	
05/14/10	04/29/10	F to N	390.00	398.00	8.00	370.00	379.00	9.00	20.00	19.00	-1.00	
05/27/10	05/17/10	N to F	390.00	393.50	3.50	370.00	372.50	2.50	20.00	21.00	1.00	
06/12/10	05/28/10	F to N	400.00	391.25	-8.75	370.00	354.50	-15.50	30.00	36.75	6.75	
06/26/10	06/14/10	N to F	400.00	386.50	-13.50	360.00	359.75	-0.25	40.00	26.75	-13.25	
07/11/10	06/28/10	F to N	370.00	398.00	28.00	340.00	343.25	3.25	30.00	54.75	24.75	
07/26/10	07/12/10	N to F	410.00	410.00	0.00	355.00	375.75	20.75	55.00	34.25	-20.75	
08/10/10	07/27/10	F to N	400.00	439.00	39.00	365.00	376.50	11.50	35.00	62.50	27.50	
08/24/10	08/11/10	N to F	435.00	437.50	2.50	390.00	406.00	16.00	45.00	31.50	-13.50	
09/08/10	08/25/10	F to N	438.00	468.25	30.25	398.00	415.50	17.50	40.00	52.75	12.75	
09/23/10	09/09/10	N to F	475.00	522.50	47.50	435.00	461.00	26.00	40.00	61.50	21.50	
10/07/10	09/23/10	F to N	533.00	522.50	-10.50	483.00	461.00	-22.00	50.00	61.50	11.50	
10/23/10	10/08/10	N to F	575.00	585.50	10.50	500.00	528.25	28.25	75.00	57.25	-17.75	
11/06/10	10/25/10	F to N	595.00	595.00	0.00	550.00	562.00	12.00	45.00	33.00	-12.00	
11/21/10	11/08/10	N to F	600.00	603.50	3.50	550.00	518.50	-31.50	50.00	85.00	35.00	
12/05/10	11/22/10	F to N	535.00	540.00	5.00	495.00	507.00	12.00	40.00	33.00	-7.00	
12/21/10	12/06/10	N to F	560.00	545.75	-14.25	515.00	520.50	5.50	45.00	25.25	-19.75	
01/04/11	12/22/10	F to N	577.00	564.00	-13.00	532.00	537.25	5.25	45.00	26.75	-18.25	
01/19/11	01/05/11	N to F	560.00	581.75	21.75	525.00	541.50	16.50	35.00	40.25	5.25	
02/03/11	01/20/11	F to N	590.00	600.00	10.00	540.00	561.50	21.50	50.00	38.50	-11.50	
02/18/11	02/04/11	N to F	609.00	619.25	10.25	575.00	585.50	10.50	34.00	33.75	-0.25	
03/04/11	02/22/11	F to N	625.00	615.75	-9.25	575.00	574.75	-0.25	50.00	41.00	-9.00	
03/19/11	03/07/11	N to F	635.00	617.00	-18.00	585.00	548.00	-37.00	50.00	69.00	19.00	
04/03/11	03/21/11	F to N	635.00	643.00	8.00	585.00	592.00	7.00	50.00	51.00	1.00	
04/18/11	04/04/11	N to F	670.00	669.50	-0.50	620.00	627.25	7.25	50.00	42.25	-7.75	
05/03/11	04/19/11	F to N	690.00	683.00	-7.00	650.00	637.25	-12.75	40.00	45.75	5.75	
05/17/11	05/04/11	N to F	690.00	667.50	-22.50	640.00	619.25	-20.75	50.00	48.25	-1.75	
06/01/11	05/18/11	F to N	680.00	684.00	4.00	625.00	654.50	29.50	55.00	29.50	-25.50	
06/15/11	06/02/11	N to F	720.00	720.50	0.50	650.00	659.00	9.00	70.00	61.50	-8.50	
07/01/11	06/16/11	F to N	690.00	683.50	-6.50	635.00	576.00	-59.00	55.00	107.50	52.50	
07/15/11	07/05/11	N to F	630.00	695.50	65.50	550.00	600.50	50.50	80.00	95.00	15.00	
07/30/11	07/18/11	F to N	700.00	703.00	3.00	625.00	663.50	38.50	75.00	39.50	-35.50	
08/13/11	08/01/11	N to F	720.00	720.75	0.75	640.00	675.50	35.50	80.00	45.25	-34.75	
08/29/11	08/15/11	F to N	750.00	775.25	25.25	680.00	709.75	29.75	70.00	65.50	-4.50	
09/12/11	08/30/11	N to F	800.00	777.00	-23.00	740.00	729.00	-11.00	60.00	48.00	-12.00	
09/27/11	09/13/11	F to N	775.00	742.75	-32.25	700.00	638.00	-62.00	75.00	104.75	29.75	
10/12/11	09/28/11	N to F	670.00	650.00	-20.00	580.00	577.00	-3.00	90.00	73.00	-17.00	
10/26/11	10/13/11	F to N	660.00	664.00	4.00	595.00	607.50	12.50	65.00	56.50	-8.50	
11/10/11	10/27/11	N to F	670.00	665.00	-5.00	620.00	632.00	12.00	50.00	33.00	-17.00	
11/25/11	11/11/11	F to N	670.00	648.00	-22.00	625.00	580.50	-44.50	45.00	67.50	22.50	
12/10/11	11/28/11	N to F	575.00	?	?	525.00	?	?	50.00	?	?	
Average				570.63	572.90	2.27	522.16	525.22	3.06	48.47	47.67	-0.79
				Max	65.50		Max	50.50		Max	52.50	
				Min	-32.25		Min	-62.00		Min	-35.50	

**Summary:**

Based upon the Scatter Analysis, and considering all of the data and chart formations shown on Pages 1 and 2 of this report, my best "Estimate" for the range of CZ12 to trade in between now and the Full Moon on December 10<sup>th</sup> is about 50 cents.

**The High could be in the 575 area and the Low could be in the 525 area, plus or minus about 10 cents on average.**

\*\*\*\*\*  
 The historical information herein provided is derived from public data sources and is believed to be accurate but cannot be guaranteed. Providing this information does not include an expressed or implied recommendation for making any trades or other financial decisions. There is risk of loss in trading futures. Any gain or loss resulting from the use of this information is entirely the responsibility of the user. Opinions expressed may change at any time.  
**C&S GRAIN MARKET CONSULTING** William C. Fordham Promoting Stewardship in Marketing New Crop Corn and Soybeans  
 24704 2200 E ST, Ohio, IL 61349 Web: <http://www.cs-grainmarketconsulting.com> e-mail: [wilmar@theramp.net](mailto:wilmar@theramp.net) Phone: 815-376-6101  
 "Stewardship in Marketing: Fighting Fear and Greed by using knowledge of the past, an awareness of the present, and planning for the future."