

8/8/2013

## ADVANCE TRADING, INC. SPREAD ANALYSIS

Commercial interest rate is 3 month LIBOR + 200 basis points.  
 Today's Commercial Rate: 2.26% Prime Rate: 3.25%  
 3 month LIBOR: 0.26%  
**Corn: Commercial Interest Rate 2.26%**



Delivery Month	Sep 13	Dec 13	Mar 14	May 14	Dec 14	Jul 14
Closing Price	473.50	459.75	473.25	481.50	495.75	487.25

Spread Months	Sep3-Dec3	Sep3-Dec3	Dec3-Mar4	Dec3-May4	Dec3-Jul4	Mar4-May4	Mar4-Jul4	Dec4-Mar5
Starts	2-Sep-13	2-Sep-13	2-Dec-13	2-Dec-13	2-Dec-13	3-Mar-14	3-Mar-14	1-Dec-14
Ends	2-Dec-13	1-Dec-14	3-Mar-14	1-May-14	1-Jul-14	1-May-14	1-Jul-14	2-Mar-15
Total Days	91	455	91	150	211	59	120	91
River Storage	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165
Total River Storage	15.02	75.08	15.02	24.75	34.82	9.74	19.80	15.02
Total Interest @ 2.26%	2.67	12.98	2.60	4.28	6.02	1.73	3.52	2.67
River Full Carry	(17.69)	(88.05)	(17.61)	(29.03)	(40.83)	(11.47)	(23.32)	(17.69)
Spread Close	13.75	(22.25)	(13.50)	(21.75)	(27.50)	(8.25)	(14.00)	(10.25)
% Full Carry: River	-77.7%	25.3%	76.7%	74.9%	67.3%	71.9%	60.0%	58.0%
Return on Storage	None	0.6	3.6	3.5	3.1	3.3	2.6	2.5
% Return on Storage		-8.93%	-1.32%	-1.58%	-2.74%	-1.94%	-3.72%	-3.96%
Today's Spread Range	10.00 14.50	(22.25) (21.25)	(13.50) (13.00)	(21.50) (20.75)	(27.50) (26.50)	(8.25) (7.50)	(14.25) (13.25)	(10.25) (9.75)
Spread Carry High	0.00	0.25	(13.50)	(21.50)	(28.75)	(8.50)	(15.50)	(10.25)
Spread Carry Low	52.00	30.75	(2.00)	(7.00)	0.00	5.50	14.00	(2.50)

**Corn: Prime Interest Rate 3.25%**

Spread Months	Sep3-Dec3	Dec3-Mar4	Dec3-Jul4
Total Storage	15.02	15.02	34.82
Total Interest @ 3.25%	3.84	3.73	8.64
Full Carry	(18.85)	(18.74)	(43.45)
Spread Close	13.75	(13.50)	(21.75)
% Full Carry	-72.9%	72.0%	50.1%
Return on Storage	None	3.2	2.6

**Soybeans: Commercial Interest Rate 2.26%**

Delivery Month	Aug 13	Sep 13	Nov 13	Jan 14	Mar 14	May 14	Nov 14
Closing Price	1355.75	1227.75	1184.25	1189.25	1193.25	1193	1193

Spread Months	Aug3-Sep3	Sep3-Nov3	Nov3-Jan4	Nov3-Mar4	Mar4-May4	May4-Jul4	Nov4-Jan5
Starts	1-Aug-13	2-Sep-13	1-Nov-13	1-Nov-13	3-Mar-14	1-May-14	3-Nov-14
Ends	2-Sep-13	1-Nov-13	2-Jan-14	3-Mar-14	1-May-14	1-Jul-14	2-Jan-15
Total Days	32	60	62	122	59	61	60
River Storage	0.165	0.165	0.165	0.165	0.165	0.165	0.165
Total River Storage	5.28	9.90	10.23	20.13	9.74	10.07	9.90
Total Interest @ 2.26%	2.69	4.57	4.56	8.96	4.37	4.52	4.44
River Full Carry	(7.97)	(14.47)	(14.79)	(29.09)	(14.10)	(14.58)	(14.34)
Spread Close	128.00	43.50	(5.00)	(5.00)	0.25	(4.25)	(3.75)
% Full Carry: River	-1605.7%	-300.6%	33.8%	17.2%	-1.8%	29.1%	26.1%
Return on Storage	None	None	0.2	-1.0	None	-0.1	-0.3
% Return on Storage			-2.59%	-3.80%		-2.91%	-3.13%
Today's Spread Range	122.25 128.00	33.50 44.75	(6.50) (4.75)	(11.00) (8.00)	(1.75) 1.50	(4.75) (3.75)	---
Spread Carry High	27.75	12.00	(10.50)	(13.75)	(7.25)	(8.25)	(5.50)
Spread Carry Low	173.50	83.75	0.00	3.25	10.00	(0.75)	4.25

**Soybeans: Prime Interest Rate 3.25%**

Spread Months	Aug3-Sep3	Sep3-Nov3	Nov3-Jan4
Total Storage	5.28	9.90	10.23
Total Interest @ 3.25%	3.86	0.00	6.54
Full Carry	(9.14)	(9.90)	(16.77)
Spread Close	128.00	43.50	(5.00)
% Full Carry	-1400.0%	-439.4%	29.8%
Return on Storage	None	None	-0.7

**CBOT Wheat: Commercial Interest Rate** 2.26%

08/08/13

**\*Please Note:** The Variable Storage Rate (VSR) is now \$0.00165, effective 12/18/2012. Affected spreads in this section have been updated.

Delivery Mo	Sep 13	Dec 13	Mar 14	May 14	Jul 14	Sep 14
Closing Price	641.25	653.75	665.50	673.50	668.00	675.50

Spread Months	Sep3-Dec3	Dec3-Mar4	Mar4-May4	Jul4-Sep4	Jul4-Dec4
Starts	2-Sep-13	2-Dec-13	3-Mar-14	1-Jul-14	1-Jul-14
Ends	2-Dec-13	3-Mar-14	1-May-14	1-Sep-14	1-Dec-14
Total Days	91	91	59	62	153
Storage	0.165*	0.165*	0.165*	0.165*	0.165*
Total Storage	15.02	15.02	9.74	10.23	25.25
Total Interest @ 2.26%	3.76	3.76	2.44	2.56	6.32
Calculated Full Carry	(18.77)	(18.77)	(12.17)	(12.79)	(31.56)
Spread Close	(12.50)	(11.75)	(8.00)	(8.00)	(16.25)
% Full Carry	66.6%	62.6%	65.7%	62.5%	51.5%
Return on Storage	2.9	2.6	2.8	2.6	1.9
% Return on Storage	-1.57%	-2.00%	-1.61%	-1.94%	-3.20%
Today's Spread Range	(12.75) (11.75)	(12.00) (10.75)	(8.00) (6.75)	(8.00) (7.25)	(18.00) (15.75)
Spread Carry High	(17.00)	(17.75)	(12.00)	(9.25)	(25.75)
Spread Carry Low	(5.25)	0.00	20.00	(2.00)	(8.00)

\*If the Running Average Percent of Full Carry on 4/26/2013 is 50% or Less, the Maximum Premium (Storage) charge will remain at \$0.00165 (Floor)

VSR Implied by Today's Spread	Sep3-Dec3	Dec3-Mar4
	0.165	0.165

These sections show how the VSR will change if spreads stay at today's levels and what impact it will have on full carry.

Spread Months	Sep3-Dec3	Dec3-Mar4
Calculated Full Carry	(18.77)	(18.77)
Spread Close	(12.50)	(11.75)
% Full Carry	66.6%	62.6%

**CBOT Wheat: Prime Interest Rate** 3.25%

Spread Months	Sep3-Dec3	Dec3-Mar4
Total Storage	15.02	15.02
Total Interest @ 3.25%	5.20	5.30
Full Carry	(20.21)	(20.31)
Spread Close	(12.50)	(11.75)
% Full Carry	61.8%	57.8%
Return on Storage	2.4	2.1

Average % full carry since Mar 19 is: 22.00%

**KC Wheat: Commercial Interest Rate** 2.26%

Delivery Mo	Sep 13	Dec 13	Mar 14	May 14	Jul 14	Sep 14
Closing Price	702.00	706.75	715.00	715.00	699.50	707.00

Spread Months	Sep3-Dec3	Dec3-Mar4	Mar4-May4	Mar4-Jul4	Jul4-Sep4	Jul4-Dec4
Starts	2-Sep-13	2-Dec-13	3-Mar-14	3-Mar-14	1-Jul-14	1-Jul-14
Ends	2-Dec-13	3-Mar-14	1-May-14	1-Jul-14	1-Sep-14	1-Dec-14
Total Days	91	91	59	120	62	153
Storage	0.296	0.197	0.197	0.197	0.165*	0.165*
Total Storage	26.94	17.93	11.62	23.64	10.23	25.25
Total Interest @ 2.26%	3.99	3.96	2.57	5.26	2.75	6.79
Calculated Full Carry	(30.93)	(21.89)	(14.19)	(28.90)	(12.98)	(32.03)
Spread Close	(4.75)	(8.25)	(0.50)	15.50	(7.50)	(22.25)
% Full Carry	15.4%	37.7%	3.5%	-53.6%	57.8%	69.5%
Return on Storage	0.3	1.4	-1.1	None	2.3	3.0
% Return on Storage	-12.64%	-5.48%	-9.60%		-2.29%	-1.02%
Today's Spread Range	(7.50) (3.50)	(8.75) (6.50)	(1.25) 0.75	14.00 16.25	(8.50) (6.25)	(26.00) (22.00)
Spread Carry High	(22.00)	(15.00)	(9.00)	(9.00)	(9.00)	(26.00)
Spread Carry Low	(0.75)	9.00	10.00	30.00	6.50	(4.00)

KC Seasonal Storage Rate begins 9/1/11  
Rate for December 1 through June 30 is 0.197  
Rate for July 1 through November 30 is 0.296

**KC Wheat: Prime Interest Rate** 3.25%

Spread Months	Sep3-Dec3	Dec3-Mar4	Jul4-Sep4
Total Storage	26.94	17.93	10.23
Total Interest @ 3.25%	5.69	5.69	3.88
Full Carry	(32.62)	(23.62)	(14.11)
Spread Close	(4.75)	(8.25)	(7.50)
% Full Carry	14.6%	34.9%	53.2%
Return on Storage	-0.3	0.8	1.8

**MGE Wheat: Commercial Interest Rate**

2.26%

08/08/13

Delivery Mo	Sep 13	Dec 13	Mar 14	May 14	Sep 14
Closing Price	733.50	741.50	753.00	760.00	767.00

Spread Months	Sep3-Dec3	Dec3-Mar4	Mar4-May4	May4-Jul4	Sep4-Dec4
Starts	2-Sep-13	2-Dec-13	3-Mar-14	1-May-14	1-Sep-14
Ends	2-Dec-13	3-Mar-14	1-May-14	1-Jul-14	1-Dec-14
Total Days	91	91	59	61	91
Storage	0.230	0.230	0.230	0.230	0.230
Total Storage	20.93	20.93	13.57	14.03	20.93
Total Interest @ 2.26%	4.19	4.19	2.76	2.88	4.29
Calculated Full Carry	(25.12)	(25.12)	(16.33)	(16.91)	(25.22)
Spread Close	(8.00)	(11.50)	(7.00)	(7.00)	(5.25)
% Full Carry	31.9%	45.8%	42.9%	41.4%	20.8%
Return on Storage	1.3	2.4	2.2	2.0	0.3
% Return on Storage	-6.98%	-5.09%	-5.38%	-5.52%	-8.18%
Today's Spread Range	(8.50)	(12.75)	(7.00)	(6.00)	(6.00)
	(7.25)	(11.75)	(7.00)	(5.50)	(6.00)
Spread Carry High	(13.00)	(17.00)	(8.00)	(6.75)	(10.00)
Spread Carry Low	9.25	12.00	(3.75)	20.25	5.25

**\*Please Note:**

The current Storage Rate is 5 cents/month. MGEX has announced an increase to 7 cents/month beginning with the May 2013 contract month.

**MGE Wheat: Prime Interest Rate**

3.25%

Spread Months	Sep3-Dec3	Sep4-Dec4
Total Storage	20.93	20.93
Total Interest @ 3.25%	5.94	1.43
Full Carry	(26.87)	(22.36)
Spread Close	(8.00)	(5.25)
% Full Carry	29.8%	23.5%
Return on Storage	0.7	1.3

**Soybean Oil: Commercial Interest Rate**

2.26%

Delivery Mo	Aug13	Sept13	Oct13	Dec13	Jan14
Closing Price	41.65	41.75	41.84	42.10	42.29

Spread Months	Aug3-Sep3	Sep3-Oct3	Oct3-Dec3	Dec3-Jan4	Jan4-Mar4
Starts	1-Aug-13	2-Sep-13	1-Oct-13	2-Dec-13	1-Jan-14
Ends	2-Sep-13	1-Oct-13	2-Dec-13	1-Jan-14	3-Mar-14
Total Days	32	29	62	30	61
Storage	0.003	0.003	0.003	0.003	0.003
Total Storage	0.10	0.09	0.19	0.09	0.18
Total Interest @ 2.26%	0.08	0.08	0.16	0.08	0.16
Calculated Full Carry	(0.18)	(0.16)	(0.35)	(0.17)	(0.34)
Spread Close	(0.10)	(0.09)	(0.26)	(0.19)	(0.31)
% Full Carry	56.0%	55.5%	74.9%	112.9%	90.4%
Return on Storage	0.02	0.02	0.05	0.11	0.07
% Return on Storage	0.11%	0.09%	1.04%	2.88%	1.79%
Today's Spread Range	(0.11)	(0.11)	(0.28)	(0.20)	(0.31)
	(0.08)	(0.06)	(0.24)	(0.17)	(0.28)
Spread Carry High	(0.19)	(0.15)	(0.30)	(0.21)	(0.37)
Spread Carry Low	1.25	2.24	0.65	19.00	0.08

**Soybean Oil: Prime Interest Rate**

3.25%

Spread Months	Aug3-Sep3	Sep3-Oct3	Oct3-Dec3
Total Storage	0.10	0.09	0.19
Total Interest @ 3.25%	0.12	0.11	0.23
Full Carry	(0.21)	(0.19)	(0.42)
Spread Close	(0.10)	(0.09)	(0.26)
% Full Carry	46.6%	46.2%	62.4%
Return on Storage	-0.018	-0.018	0.014

**Soybean Meal: Commercial Interest Rate**

2.26%

08/08/13

Delivery Mo	Aug 13	Sept13	Oct13	Dec 13
Closing Price	\$422.50	41.75	41.84	\$356.80

Spread Months	Aug3- Sep3	Sep3-Oct3	Oct3-Dec3	Dec3-Jan4
Starts	2-Aug-13	2-Sep-13	1-Oct-13	2-Dec-13
Ends	2-Sep-13	1-Oct-13	2-Dec-13	2-Jan-14
Total Days	31	29	62	31
Storage	\$0.07	0.003	0.003	0.003
Total Storage	\$2.17	0.09	0.19	0.09
Total Interest @ 2.26%	\$0.81	0.08	0.16	0.69
Calculated Full Carry	(\$2.98)	(0.16)	(0.35)	(0.78)
Spread Close	\$29.90	32.00	3.80	(1.60)
% Full Carry	-1002.5%	-19738.1%	-1095.2%	205.3%
Return on Storage	None	None	None	0.88
% Return on Storage				4.96%
Today's Spread Range	23.10 29.90	24.80 32.50	3.70 4.90	(1.80) (1.40)
Spread Carry High	8.10	12.00	(0.60)	(2.00)
Spread Carry Low	67.00	56.70	7.70	0.90

**Soybean Meal: Prime Interest Rate**

3.25%

Spread Months	Oct3-Dec3	Dec3-Jan4
Total Storage	\$0.19	\$0.09
Total Interest @ 3.25%	\$0.23	\$0.12
Full Carry	(\$0.42)	(\$0.21)
Spread Close	\$3.80	(\$1.60)
% Full Carry	-911.3%	767.4%
Return on Storage	None	1.4

**Ethanol: Commercial Interest Rate**

2.26%

Delivery Mo	Sep 13	Oct 13	Nov 13	Dec 13	Jan 14	Feb 14
Closing Price	\$2.181	\$1.920	\$1.795	\$1.743	\$1.718	\$1.719

Spread Months	Sep3-Oct3	Oct3-Nov3	Nov3-Dec3	Dec3-Jan4	Jan4-Feb4	Feb4-Mar4
Starts	2-Sep-13	1-Oct-13	1-Nov-13	2-Dec-13	2-Jan-14	3-Feb-14
Ends	1-Oct-13	1-Nov-13	2-Dec-13	1-Jan-14	3-Feb-14	3-Mar-14
Total Days	29	31	31	30	32	28
Storage	\$0.0007	\$0.0007	\$0.0007	\$0.0007	\$0.0007	\$0.0007
Total Storage	\$0.0203	\$0.0217	\$0.0217	\$0.0210	\$0.0224	\$0.0196
Total Interest @ 2.26%	\$0.0039	\$0.0037	\$0.0035	\$0.0032	\$0.0034	\$0.0030
Calculated Full Carry	(\$0.024)	(\$0.025)	(\$0.025)	(\$0.024)	(\$0.026)	(\$0.023)
Spread Close	\$0.249	\$0.136	\$0.052	\$0.025	(\$0.001)	(\$0.014)
% Full Carry	-1027.9%	-535.6%	-206.7%	-103.1%	3.9%	62.0%
Return on Storage	None	None	None	None	-0.002	0.012
% Return on Storage					-14.17%	-4.24%
Today's Spread Range	0.234 0.258	0.129 0.258	0.052 0.059	0.025 0.027	(0.001) (0.001)	(0.012) (0.012)
Spread Carry High	0.142	0.066	0.015	(0.007)	(0.013)	(0.021)
Spread Carry Low	0.042	0.109	0.012	0.024	0.029	(0.014)

**Ethanol: Prime Interest Rate**

3.25%

Spread Months	Sep3-Oct3	Oct3-Nov3	Nov3-Dec4	Dec3-Jan4
Total Storage	\$0.0203	\$0.0217	\$0.0217	\$0.0210
Total Interest @ 3.25%	\$0.0058	\$0.0053	\$0.0050	\$0.0047
Full Carry	(\$0.0261)	(\$0.0261)	(\$0.0261)	(\$0.0261)
Spread Close	\$0.120	\$0.120	\$0.120	\$0.120
% Full Carry	-460.5%	-460.5%	-360.5%	-260.5%
Return on Storage	None	None	None	None

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