

12/16/2013

## ADVANCE TRADING, INC. SPREAD ANALYSIS

Commercial interest rate is 3 month LIBOR + 200 basis points.  
 Today's Commercial Rate: 2.24% Prime Rate: 3.25%  
 3 month LIBOR: 0.24%



**Corn: Commercial Interest Rate 2.24%**

Delivery Month	Mar 14	May 14	Jul 14	14-Sep	Dec 14
Closing Price	423.25	431.75	438.25	444.00	450.25

Spread Months	Mar4-May4	Mar4-Jul4	May4-Jul4	Jul4-Sep4	Sep4-Dec	Dec4-Mar5
Starts	3-Mar-14	3-Mar-14	1-May-14	1-Jul-14	1-Sep-14	1-Dec-14
Ends	1-May-14	1-Jul-14	1-Jul-14	1-Sep-14	1-Dec-14	2-Mar-15
Total Days	59	120	61	62	91	91
River Storage	0.165	0.165	0.165	0.165	0.165	0.165
Total River Storage	9.74	19.80	10.07	10.23	15.02	15.02
Total Interest @ 2.24%	1.53	3.12	1.62	1.67	2.48	2.52
River Full Carry	(11.27)	(22.92)	(11.68)	(11.90)	(17.50)	(17.53)
Spread Close	(8.50)	(15.00)	(6.50)	(5.75)	(6.25)	(11.50)
% Full Carry: River	75.4%	65.4%	55.6%	48.3%	35.7%	65.6%
Return on Storage	3.5	3.0	2.4	2.0	1.2	3.0
% Return on Storage	-1.80%	-3.44%	-4.93%	-6.00%	-7.90%	-3.26%
Today's Spread Range	(8.50) (8.00)	(15.25) (14.75)	(6.75) (6.50)	(5.75) (5.25)	(6.75) (6.25)	(11.50) (11.00)
Spread Carry High	(9.00)	(16.50)	(7.75)	(7.00)	(9.25)	(11.50)
Spread Carry Low	5.50	14.00	4.00	31.75	16.50	(2.50)

**Corn: Prime Interest Rate 3.25%**

Spread Months	Dec4-Mar5
Total Storage	15.02
Total Interest @ 3.25%	0.01
Full Carry	(15.02)
Spread Close	(8.50)
% Full Carry	56.6%
Return on Storage	4.3

**Soybeans: Commercial Interest Rate 2.24%**

Delivery Month	Jan 14	Mar 14	May 14	July 14	Nov 14
Closing Price	1337.75	1325.25	1308.25	1294	1161.5

Spread Months	Jan4-Mar4	Mar4-May4	May4-Jul4	Jul4-Nov4	Nov4-Jan5
Starts	1-Jan-14	3-Mar-14	1-May-14	1-Jul-14	3-Nov-14
Ends	3-Mar-14	1-May-14	1-Jul-14	3-Nov-14	2-Jan-15
Total Days	61	59	61	125	60
River Storage	0.165	0.165	0.165	0.165	0.165
Total River Storage	10.07	9.74	10.07	20.63	9.90
Total Interest @ 2.24%	5.01	4.80	4.90	9.94	4.28
River Full Carry	(15.08)	(14.54)	(14.97)	(30.56)	(14.18)
Spread Close	12.50	17.00	14.25	132.50	(5.00)
% Full Carry: River	-82.9%	-116.9%	-95.2%	-433.5%	35.3%
Return on Storage	None	None	None	None	0.4
% Return on Storage					-2.56%
Today's Spread Range	12.50 14.50	15.25 18.25	12.00 14.50	122.00 135.00	(5.00) (4.75)
Spread Carry High	(7.25)	(7.25)	(8.25)	15.00	(6.50)
Spread Carry Low	37.00	39.00	15.75	137.00	4.25

**Soybeans: Prime Interest Rate 3.25%**

Spread Months	Jan4-Mar4	Mar4-May4	May4-Jul4
Total Storage	10.07	9.74	10.07
Total Interest @ 3.25%	0.05	0.05	0.05
Full Carry	(10.12)	(9.79)	(10.12)
Spread Close	12.50	17.00	14.25
% Full Carry	-123.5%	-173.7%	-140.8%
Return on Storage	None	None	None

**CBOT Wheat: Commercial Interest Rate**

2.24%

12/16/13

Delivery Mo	Mar 14	May 14	Jul 14	Sep 14
Closing Price	621.75	627.75	629.25	638.25

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

Spread Months	Mar4-May4	May4-Jul4	Jul4-Sep4	Jul4-Dec4
Starts	3-Mar-14	1-May-14	1-Jul-14	1-Jul-14
Ends	1-May-14	1-Jul-14	1-Sep-14	1-Dec-14
Total Days	59	61	62	153
Storage	0.165*	0.165*	0.165*	0.165*
Total Storage	9.74	10.07	10.23	25.25
Total Interest @ 2.24%	2.25	2.35	2.40	5.92
Calculated Full Carry	(11.99)	(12.42)	(12.63)	(31.16)
Spread Close	(6.00)	(1.50)	(9.00)	(22.50)
% Full Carry	50.0%	12.1%	71.3%	72.2%
Return on Storage	1.9	-0.4	3.2	3.3
% Return on Storage	-3.71%	-8.14%	-1.15%	-1.04%
Today's Spread Range	(6.75) (5.50)	(2.25) (1.00)	(9.50) (8.75)	(23.50) (22.00)
Spread Carry High	(12.00)	(8.50)	(11.50)	(25.75)
Spread Carry Low	20.00	82.00	(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	Mar4-May4 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	Mar4-May4
Calculated Full Carry	9.74
Spread Close	(6.00)
% Full Carry	-61.6%

**CBOT Wheat: Prime Interest Rate**

3.25%

Spread Months	Mar4-May4
Total Storage	9.74
Total Interest @ 3.25%	3.27
Full Carry	(13.00)
Spread Close	(6.00)
% Full Carry	46.1%
Return on Storage	1.4

Average % full carry since Mar 19 is: 22.00%

**KC Wheat: Commercial Interest Rate**

2.24%

Delivery Mo	Mar 14	May 14	Jul 14	Sep 14
Closing Price	665.50	668.75	667.50	677.75

Spread Months	Mar4-May4	Mar4-Jul4	Jul4-Sep4	Jul4-Dec4
Starts	3-Mar-14	3-Mar-14	1-Jul-14	1-Jul-14
Ends	1-May-14	1-Jul-14	1-Sep-14	1-Dec-14
Total Days	59	120	62	153
Storage	0.197	0.197	0.296	0.296
Total Storage	11.62	23.64	18.35	45.29
Total Interest @ 2.24%	2.41	4.91	2.54	6.37
Calculated Full Carry	(14.04)	(28.55)	(20.90)	(51.66)
Spread Close	(3.25)	(2.00)	(10.25)	(21.75)
% Full Carry	23.2%	7.0%	49.1%	42.1%
Return on Storage	0.4	-0.7	3.7	3.0
% Return on Storage	-7.76%	-9.86%	-7.13%	-8.39%
Today's Spread Range	(4.00) (2.75)	(3.00) 0.00	(10.50) (9.25)	(22.25) (20.00)
Spread Carry High	(9.00)	(9.00)	(12.75)	(28.25)
Spread Carry Low	10.00	30.00	6.50	(4.00)

**KC Wheat: Prime Interest Rate**

3.25%

Spread Months	Mar4-May4	Jul4-Sep4
Total Storage	11.62	18.35
Total Interest @ 3.25%	3.50	7.15
Full Carry	(15.12)	(25.50)
Spread Close	(3.25)	(10.25)
% Full Carry	21.5%	40.2%
Return on Storage	-0.1	1.6

**MGE Wheat: Commercial Interest Rate**

2.24%

12/16/13

Delivery Mo	Mar 14	May 14	July 14	Sep 14
Closing Price	654.25	665.00	675.50	685.25

Spread Months	Mar4-May4	May4-Jul4	Jul4-Sep4	Sep4-Dec4
Starts	3-Mar-14	1-May-14	1-Jul-13	1-Sep-14
Ends	1-May-14	1-Jul-14	1-Sep-14	1-Dec-14
Total Days	59	61	427	91
Storage	0.230	0.230	0.230	0.230
Total Storage	13.57	14.03	98.21	20.93
Total Interest @ 2.24%	2.37	2.49	17.72	3.72
Calculated Full Carry	(15.94)	(16.52)	(115.93)	(24.65)
Spread Close	(10.75)	(10.50)	(9.75)	(11.25)
% Full Carry	67.4%	63.5%	8.4%	45.6%
Return on Storage	4.3	3.9	-0.6	2.5
% Return on Storage	-2.66%	-3.17%	None	-5.65%
Today's Spread Range	(11.00) (10.50)	(10.75) (10.00)	(10.00) (9.00)	(11.50) (10.75)
Spread Carry High	(11.75)	(10.75)	(10.00)	(14.75)
Spread Carry Low	1.50	20.25	15.00	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	Sep4-Dec4
Total Storage	20.93
Total Interest @ 3.25%	1.28
Full Carry	(22.21)
Spread Close	(11.25)
% Full Carry	50.7%
Return on Storage	3.3

**Soybean Oil: Commercial Interest Rate**

2.24%

Delivery Mo	Jan 14	Mar 14	May 14
Closing Price	39.75	40.10	40.49

Spread Months	Jan4-Mar4	Mar14-Jul14	Mar14-May14
Starts	1-Jan-14	3-Mar-14	3-Mar-14
Ends	3-Mar-14	1-Jul-14	1-May-14
Total Days	61	120	59
Storage	0.003	0.003	0.003
Total Storage	0.18	0.36	0.18
Total Interest @ 2.24%	0.15	0.30	0.15
Calculated Full Carry	(0.33)	(0.66)	(0.32)
Spread Close	(0.35)	(0.35)	(0.39)
% Full Carry	105.4%	53.4%	120.4%
Return on Storage	0.10	0.01	0.12
% Return on Storage	2.51%	-0.08%	3.25%
Today's Spread Range	(0.38) (0.33)	(0.79) (0.77)	(0.40) (0.38)
Spread Carry High	(0.43)	(0.83)	(0.42)
Spread Carry Low	0.08	0.03	0.15

**Soybean Oil: Prime Interest Rate**

3.25%

Spread Months	Jan4-Mar4	Mar14-Jul14
Total Storage	0.18	0.36
Total Interest @ 3.25%	0.22	0.43
Full Carry	(0.40)	(0.79)
Spread Close	(0.35)	(0.35)
% Full Carry	87.7%	44.4%
Return on Storage	0.066	-0.020

**Soybean Meal: Commercial Interest Rate 2.24%**

12/16/13

Delivery Mo	Jan 14	Mar 14	May 14	July 14
Closing Price	<b>439.00</b>	<b>429.80</b>	<b>419.30</b>	<b>410.30</b>

Spread Months	Jan4-Mar4	Mar4-May4	May4-Jul4
Starts	2-Jan-14	3-Mar-14	1-May-14
Ends	3-Mar-14	1-May-14	1-Jul-14
Total Days	60	59	61
Storage	0.070	0.070	0.070
Total Storage	4.20	4.13	4.27
Total Interest @ 2.24%	1.62	1.56	1.57
Calculated Full Carry	(5.82)	(5.69)	(5.84)
Spread Close	<b>9.20</b>	<b>10.50</b>	<b>10.50</b>
% Full Carry	-158.1%	-184.6%	-179.7%
Return on Storage	None	None	None
% Return on Storage			
Today's Spread Range	8.40 10.50	9.70 11.20	7.80 9.00
Spread Carry High	(2.40)	(2.40)	(3.20)
Spread Carry Low	16.70	18.90	9.10

**Soybean Meal: Prime Interest Rate 3.25%**

Spread Months	Jan4-Mar4	Mar4-May4
Total Storage	\$4.20	\$4.13
Total Interest @ 3.25%	\$2.35	\$2.26
Full Carry	(\$6.55)	(\$6.39)
Spread Close	<b>\$9.20</b>	<b>\$10.50</b>
% Full Carry	-140.6%	-164.4%
Return on Storage	None	None

**Ethanol: Commercial Interest Rate 2.24%**

Delivery Mo	Jan 14	Feb 14	Mar 14	Apr 14	May 14
Closing Price	<b>\$1.779</b>	<b>\$1.648</b>	<b>\$1.612</b>	<b>\$1.610</b>	<b>\$1.607</b>

Spread Months	Jan4-Feb4	Feb4-Mar4	Mar4-Apr4	Apr4-May4	May4-June4
Starts	2-Jan-14	3-Feb-14	3-Mar-14	1-Apr-14	1-May-14
Ends	3-Feb-14	3-Mar-14	3-Apr-14	1-May-14	2-Jun-14
Total Days	32	28	31	30	32
Storage	\$0.0007	\$0.0007	\$0.0007	\$0.0007	\$0.0007
Total Storage	\$0.0224	\$0.0196	\$0.0217	\$0.0210	\$0.0224
Total Interest @ 2.24%	\$0.0035	\$0.0028	\$0.0031	\$0.0030	\$0.0032
Calculated Full Carry	(\$0.026)	(\$0.022)	(\$0.025)	(\$0.024)	(\$0.026)
Spread Close	<b>\$0.131</b>	<b>\$0.033</b>	<b>\$0.007</b>	<b>(\$0.002)</b>	<b>(\$0.003)</b>
% Full Carry	-505.8%	-147.1%	-28.3%	8.3%	11.7%
Return on Storage	None	None	None	-\$0.001	\$0.000
% Return on Storage				-14.32%	-13.73%
Today's Spread Range	0.110 0.150	0.036 0.040	0.002 0.002	0.001 0.001	--- ---
Spread Carry High	(0.025)	(0.021)	(0.025)	(0.025)	(0.018)
Spread Carry Low	0.226	0.064	0.012	0.013	0.009

**Ethanol: Prime Interest Rate 3.25%**

Spread Months	Jan4-Feb4	Feb4-Mar4	Mar4-Apr4	Apr4-May4	May4-June4
Total Storage	\$0.0224	\$0.0196	\$0.0217	\$0.0210	\$0.0224
Total Interest @ 3.25%	\$0.0051	\$0.0041	\$0.0044	\$0.0043	\$0.0046
Full Carry	(\$0.0275)	(\$0.0237)	(\$0.0261)	(\$0.0253)	(\$0.0270)
Spread Close	<b>\$0.131</b>	<b>\$0.033</b>	<b>\$0.007</b>	<b>(\$0.002)</b>	<b>(\$0.003)</b>
% Full Carry	-476.9%	-139.2%	-26.8%	7.9%	11.1%
Return on Storage	None	None	None	0.0	0.0

Copyright 2013 Advance Trading, Inc. Reproduction in any form without the expressed written consent of Advance Trading, Inc. is strictly forbidden. This data is provided for information purposes only and is not intended to be used for specific trading strategies without consulting Advance Trading, Inc. No guarantee of any kind is implied or possible where projections of future conditions are attempted. Past results are no indication of future performance. All information is based upon data believed reliable, but its accuracy is not guaranteed.