

INITIAL & MAINTENANCE EXCHANGE MINIMUM MARGINS

Effective with the close of business on Thursday, July 13, 2017 margin requirements are as listed below.

Information shown in red indicate latest changes.

AGRICULTURE (In U.S. Dollars)

MARKET	SPECULATIVE				HEDGE/MEMBER				Add-on	Effective Date
	Outright		Straddle		Outright		Straddle			
	Initial	Maint	Initial	Maint	Initial	Maint	Initial	Maint		
Sugar #11 (SB)	1,232	1,120	*	*	1,120	1,120	*	*	0	04/07/17
Sugar #16 (SF)	1,318.24	1,198.40	1,210	1,100	1,198.40	1,198.40	1,100	1,100	0	07/13/17
Cocoa (CC)	1,595	1,450	*	*	1,450	1,450	*	*	0	01/18/17
Coffee (KC)	2,970	2,700	*	*	2,700	2,700	*	*	0	12/15/16
Cotton (CT)	2,200	2,000	*	*	2,000	2,000	*	*	0	07/12/17
FCOJ-A (OJ)	1,760.55	1,600.50	*	*	1,600.50	1,600.50	*	*	0	05/18/17
Cash Settled U.S. Corn (ICN)	880	800	*	*	800	800	*	*	0	04/07/17
Cash Settled U.S. Soybean (IS)	2,200	2,000	*	*	2,000	2,000	*	*	0	04/07/17
Cash Settled U.S. Soybean Oil (IBO)	880.44	800.40	*	*	800.40	800.40	*	*	0	05/18/17
Cash Settled U.S. Soybean Meal (ISM)	1,760	1,600	*	*	1,600	1,600	*	*	0	05/18/17
Cash Settled U.S. Wheat (IW)	1,925	1,750	*	*	1,750	1,750	*	*	0	07/12/17

* See pages 6 thru 28 for ICE Futures U.S. Spread Margins

Note: The minimum original and maintenance margin rates for a customer who is a member or a member of the trade of the ICE Futures U.S. is equal to the hedge rates shown above.

INDEXES (In U.S. Dollars)

MARKET	SPECULATIVE				HEDGE/MEMBER				Effective Date
	Outright		Straddle		Outright		Straddle		
	Initial	Maint	Initial	Maint	Initial	Maint	Initial	Maint	
USD\$ (DX)	1,980	1,800	220	200	1,800	1,800	200	200	08/04/16
Russell 1000® Index Mini (RF)	2,860	2,600	330	300	2,600	2,600	300	300	03/24/17
Russell 1000® Growth Index Mini (RG)	2,475	2,250	522.50	475	2,250	2,250	475	475	12/05/16
Russell 1000® Value Index Mini (RV)	2,640	2,400	247.50	225	2,400	2,400	225	225	12/05/16
Russell 2000® Index Mini (TF)	3,685	3,350	137.50	125	3,350	3,350	125	125	04/27/17
NYSE Arca Gold Miners Index (GDF)	2,750	2,500	55	50	2,500	2,500	50	50	07/12/17
Mini MSCI EM Asia Index (ASE)	2,475	2,250	660	600	2,250	2,250	600	600	09/22/16
Mini MSCI EM Asia NTR Index (ASN)	2,200	2,000	165	150	2,000	2,000	150	150	05/25/16
Mini MSCI ACWI ex-US Index (AWE)	2,200	2,000	440	400	2,000	2,000	400	400	07/12/17
Mini MSCI ACWI ex-US NTR Index (AWN)	1,925	1,750	165	150	1,750	1,750	150	150	07/14/16
Mini MSCI ACWI Index (MAW)	3,410	3,100	440	400	3,100	3,100	400	400	03/24/17
Mini MSCI Canada Index (MCL)	3,740	3,400	880	800	3,400	3,400	800	800	05/25/16
Mini MSCI USA Value Index (MCU)	5,500	5,000	275	250	5,000	5,000	250	250	07/14/16
Mini MSCI EAFE Index (MFS)	3,850	3,500	770	700	3,500	3,500	700	700	05/18/17
Mini MSCI EAFE NTR Index (MFU)	5,940	5,400	220	200	5,400	5,400	200	200	04/07/17
Mini MSCI EM Latin America Index (MLE)	3,300	3,000	330	300	3,000	3,000	300	300	07/12/17
Mini MSCI EM Index (MME)	2,200	2,000	550	500	2,000	2,000	500	500	09/22/16
Mini MSCI EM NTR Index (MMN)	1,925	1,750	165	150	1,750	1,750	150	150	12/15/16
Mini MSCI ACWI NTR Index (MMW)	1,980	1,800	165	150	1,800	1,800	150	150	01/18/17
Mini MSCI USA Growth Index (MRG)	9,020	8,200	110	100	8,200	8,200	100	100	08/09/16
Mini MSCI USA Index (MUN)	5,280	4,800	110	100	4,800	4,800	100	100	08/09/16
Mini MSCI World Index (MWL)	3,300	3,000	550	500	3,000	3,000	500	500	07/12/17
Eris CDX HY Credit Future (HY5)	1,430	1,300	220	200	1,300	1,300	200	200	07/12/17
Eris CDX IG Credit Future (IG5)	440	400	110	100	400	400	100	100	07/12/17

INDEXES (In Euro)

MARKET	SPECULATIVE				HEDGE/MEMBER				Effective Date
	Outright		Straddle		Outright		Straddle		
	Initial	Maint	Initial	Maint	Initial	Maint	Initial	Maint	
Mini MSCI Europe Index (MCE)	1,210	1,100	275	250	1,100	1,100	250	250	12/15/16
Mini MSCI Euro Index (MEU)	1,320	1,200	55	50	1,200	1,200	50	50	07/12/17
Mini MSCI Europe Growth Index (MGE)	1,320	1,200	55	50	1,200	1,200	50	50	09/22/15
Mini MSCI Pan-Euro Index (MPP)	1,100	1,000	220	200	1,000	1,000	200	200	07/12/17
Mini MSCI Europe Value Index (MPU)	1,100	1,000	55	50	1,000	1,000	50	50	07/12/17

PRECIOUS METALS

MARKET	SPECULATIVE				HEDGE/MEMBER				Effective Date	
	Outright		Straddle		Outright		Straddle			
	Initial	Maint	Initial	Maint	Initial	Maint	Initial	Maint		
100 oz. Gold (ZG)	\$	4,840	4,400	495	450	4,400	4,400	450	450	01/18/17
Mini Gold (32.15 oz.) (YG)	\$	1556.06	1414.6	165	150	1,414.6	1414.6	150	150	01/18/17
5000 oz. Silver (ZI)	\$	6,600	6,000	2,475	2,250	6,000	6,000	2,250	2,250	07/12/17
Mini Silver (1000 oz.) (YI)	\$	1,320	1,200	495	450	1,200	1,200	450	450	07/12/17
100 oz. Gold Daily (AUD)	\$	4,620	4,200	55	50	4,200	4,200	50	50	05/18/17

CURRENCIES, CROSS RATES

MARKET		SPECULATIVE				HEDGE/MEMBER				Effective Date
		Outright		Straddle		Outright		Straddle		
		Initial	Maint	Initial	Maint	Initial	Maint	Initial	Maint	
Aust \$-NZ \$ (AR)	NZD	3,960	3,600	385	350	3,600	3,600	350	350	04/07/17
Aust \$-Can \$ (AS)	CAD	4,400	4,000	220	200	4,000	4,000	200	200	05/25/16
Million Australian Dollar US\$ (IAU)	\$	23,100	21,000	660	600	21,000	21,000	600	600	08/04/16
Aust\$-US\$ (KAU)	\$	2,310	2,100	55	50	2,100	2,100	50	50	08/04/16
Million Euro Japanese Yen (IEJ)	JY	3,520,000	3,200,000	116,050	105,500	3,200,000	3,200,000	105,500	105,500	04/07/17
Euro-Japanese Yen (KEJ)	JY	440,000	400,000	4,400	4,000	400,000	400,000	4,000	4,000	04/07/17
Million Euro-US\$ (IEO)	\$	26,400	24,000	990	900	24,000	24,000	900	900	04/07/17
Euro-US\$ (KEO)	\$	3,300	3,000	55	50	3,000	3,000	50	50	04/07/17
Million Euro Canadian Dollar (IEP)	CAD	34,320	31,200	1,540	1,400	31,200	31,200	1,400	1,400	04/07/17
Euro-Canadian Dollar (KEP)	CAD	4,290	3,900	55	50	3,900	3,900	50	50	04/07/17
Euro-Czech Koruna (EZ)	CK	46,200	42,000	7,700	7,000	42,000	42,000	7,000	7,000	01/18/17
Million Euro British Pound (IGB)	BP	20,240	18,400	440	400	18,400	18,400	400	400	05/18/17
Euro-British Pound (KGB)	BP	2,530	2,300	55	50	2,300	2,300	50	50	05/18/17
Sterling New Zealand (GN)	NZD	6,600	6,000	330	300	6,000	6,000	300	300	05/18/17
Euro-Hungarian Forint (HR)	HF	638,000	580,000	46,365	42,150	580,000	580,000	42,150	42,150	09/22/16
Canadian \$ Japanese Yen (HY)	JPY	550,000	500,000	25,300	23,000	500,000	500,000	23,000	23,000	04/07/17
Swedish Krona Japanese Yen (KJ)	JY	880,000	800,000	42,845	38,950	800,000	800,000	38,950	38,950	04/07/17
\$-Swedish Krona (KX)	SEK	25,300	23,000	110	100	23,000	23,000	100	100	07/07/16
Million US\$ Swedish Krona (IKX)	SEK	253,000	230,000	7,150	6,500	230,000	230,000	6,500	6,500	07/07/16
Norway Krone Japanese Yen (KY)	JY	880,000	800,000	47,300	43,000	800,000	800,000	43,000	43,000	04/07/17
Million US\$ Swiss Franc (IMF)	SF	27,500	25,000	1,100	1,000	25,000	25,000	1,000	1,000	04/07/17
Swiss Franc US\$ (KMF)	\$	3,300	3,000	165	150	3,000	3,000	150	150	04/07/17
\$-Pound (MP)	\$	1,980	1,800	55	50	1,800	1,800	50	50	07/12/17
Million British Pound US\$ (IMP)	\$	31,680	28,800	1,540	1,400	28,800	28,800	1,400	1,400	07/12/17
Norwegian Krone Swedish Krona (NJ)	SEK	9,900	9,000	605	550	9,000	9,000	550	550	07/12/17
\$-Norwegian Krone (NT)	NOK	22,000	20,000	1,100	1,000	20,000	20,000	1,000	1,000	04/07/17
Euro-Norwegian Krone (KOL)	NK	26,400	24,000	1,540	1,400	24,000	24,000	1,400	1,400	04/07/17
Sterling Canada Dollar (PC)	CAD	4,950	4,500	550	500	4,500	4,500	500	500	07/12/17
Sterling Norway Krone (PK)	NOK	33,000	30,000	2,310	2,100	30,000	30,000	2,100	2,100	04/07/17
Sterling Swedish Krona (PS)	SEK	33,000	30,000	1,485	1,350	30,000	30,000	1,350	1,350	04/07/17
Sterling SA Rand (PZ)	ZAR	110,000	100,000	8,305	7,550	100,000	100,000	7,550	7,550	07/12/17
Sterling Australian Dollar (QA)	AUD	6,050	5,500	330	300	5,500	5,500	300	300	04/07/17

CURRENCIES, CROSS RATES

MARKET		SPECULATIVE				HEDGE/MEMBER				Effective Date
		Outright		Straddle		Outright		Straddle		
		Initial	Maint	Initial	Maint	Initial	Maint	Initial	Maint	
Million Euro Swedish Krona (IRK)	SK	191,400	174,000	8,910	8,100	174,000	174,000	8,100	8,100	11/01/16
Euro-Swedish Krona (KRK)	SK	23,925	21,750	330	300	21,750	21,750	300	300	11/01/16
Million Euro Swiss Franc (IRZ)	SF	17,600	16,000	660	600	16,000	16,000	600	600	05/18/17
Euro-Swiss Franc (KRZ)	SF	2,200	2,000	55	50	2,000	2,000	50	50	05/18/17
Million US\$ Japanese Yen (ISN)	JY	2,750,000	2,500,000	103,950	94,500	2,500,000	2,500,000	94,500	94,500	05/18/17
Japanese Yen US\$ (KSN)	\$	3,080	2,800	110	100	2,800	2,800	100	100	05/18/17
Pound-SW Franc (SS)	SF	3,300	3,000	220	200	3,000	3,000	200	200	07/12/17
Million US\$ Canadian Dollar (ISV)	CAD	28,600	26,000	1,155	1,050	26,000	26,000	1,050	1,050	05/25/16
Canadian Dollar US\$ (KSV)	\$	1,430	1,300	110	100	1,300	1,300	100	100	07/12/17
Pound-Yen (SY)	JY	660,000	600,000	22,715	20,650	600,000	600,000	20,650	20,650	07/12/17
\$ - Czech Koruna (VC)	CK	66,000	60,000	8,030	7,300	60,000	60,000	7,300	7,300	04/07/17
\$ -Hungarian Forint (VU)	HF	946,000	860,000	51,865	47,150	860,000	860,000	47,150	47,150	12/15/16
Aust \$-Japanese Yen (YA)	JY	770,000	700,000	12,980	11,800	700,000	700,000	11,800	11,800	07/07/16
Euro-SA Rand (YZ)	ZAR	71,500	65,000	4,840	4,400	65,000	65,000	4,400	4,400	05/18/17
New Zealand Dollar Japanese Yen (ZJ)	JY	550,000	500,000	18,920	17,200	500,000	500,000	17,200	17,200	04/07/17
\$-SA Rand (ZR)	ZAR	66,000	60,000	3,740	3,400	60,000	60,000	3,400	3,400	05/18/17
NZ \$-US \$ (KZX)	\$	1,870	1,700	165	150	1,700	1,700	150	150	07/12/17
Swiss Franc Japanese Yen (KZY)	JY	1,045,000	950,000	30,800	28,000	950,000	950,000	28,000	28,000	07/07/16
Colombian Peso US\$ (KCU)	\$	1,320	1,200	330	300	1,200	1,200	300	300	07/12/17
Mexican Peso US\$ (KMP)	\$	990	900	330	300	900	900	300	300	07/12/17
Euro-Australian Dollar (KRA)	AUD	4,950	4,500	220	200	4,500	4,500	200	200	04/07/17
Russian Ruble US\$ (KRU)	\$	2,420	2,200	2,420	2,200	2,200	2,200	2,200	2,200	05/18/17
Brazil Real US\$ (KBX)	\$	1,430	1,300	440	400	1,300	1,300	400	400	07/12/17
Indian Rupee US\$ (KIU)	\$	550	500	220	200	500	500	200	200	06/29/15
Turkish Lira-Euro (ETR)	EUR	4,950	4,500	330	300	4,500	4,500	300	300	07/12/17
Israeli Shekel-US\$ (ILS)	\$	4,950	4,500	4,290	3,900	4,500	4,500	3,900	3,900	04/07/17
Polish Zloty-Euro (PLE)	EUR	2,805	2,550	110	100	2,550	2,550	100	100	08/04/16
Polish Zloty-US\$ (PLN)	\$	4,070	3,700	165	150	3,700	3,700	150	150	04/07/17
Turkish Lira-US\$ (TRM)	\$	6,600	6,000	440	400	6,000	6,000	400	400	03/24/17

ICE FUTURES U.S. SPREAD MARGINS

Cocoa (CC) Calendar

Speculative - Maintenance

Contract Months	Dec-17	Mar-18	May-18	Jul-18	Sep-18	Dec-18	Mar-19	May-19
Sep-17	400	450	500	500	500	650	750	800
Dec-17		150	200	300	500	600	700	750
Mar-18			100	250	400	550	600	700
May-18				150	350	450	550	600
Jul-18					200	300	400	450
Sep-18						150	250	300
Dec-18							100	250
Mar-19								150
After May-19 vs. Any Tier: 600								

Effective Date

03/24/17
03/24/17
12/15/16
12/15/16
12/15/16
12/15/16
12/15/16
12/15/16
02/09/17

Cocoa (CC) Calendar

Speculative - Initial

Contract Months	Dec-17	Mar-18	May-18	Jul-18	Sep-18	Dec-18	Mar-19	May-19
Sep-17	440	495	550	550	550	715	825	880
Dec-17		165	220	330	550	660	770	825
Mar-18			110	275	440	605	660	770
May-18				165	385	495	605	660
Jul-18					220	330	440	495
Sep-18						165	275	330
Dec-18							110	275
Mar-19								165
After May-19 vs. Any Tier: 660								

03/24/17
03/24/17
12/15/16
12/15/16
12/15/16
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12/15/16
12/15/16
02/09/17

**Cocoa (CC)
Calendar**

Hedge - Maintenance

Contract Months	Dec-17	Mar-18	May-18	Jul-18	Sep-18	Dec-18	Mar-19	May-19
Sep-17	400	450	500	500	500	650	750	800
Dec-17		150	200	300	500	600	700	750
Mar-18			100	250	400	550	600	700
May-18				150	350	450	550	600
Jul-18					200	300	400	450
Sep-18						150	250	300
Dec-18							100	250
Mar-19								150
After May-19 vs. Any Tier: 600								

Effective Date
03/24/17
03/24/17
12/15/16
12/15/16
12/15/16
12/15/16
12/15/16
12/15/16
02/09/17

**Cocoa (CC)
Calendar**

Hedge - Initial

Contract Months	Dec-17	Mar-18	May-18	Jul-18	Sep-18	Dec-18	Mar-19	May-19
Sep-17	400	450	500	500	500	650	750	800
Dec-17		150	200	300	500	600	700	750
Mar-18			100	250	400	550	600	700
May-18				150	350	450	550	600
Jul-18					200	300	400	450
Sep-18						150	250	300
Dec-18							100	250
Mar-19								150
After May-19 vs. Any Tier: 600								

03/24/17
03/24/17
12/15/16
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12/15/16
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12/15/16
12/15/16
02/09/17

**Cocoa (CC)
ButterflySpreads**
Speculative -Maintenance

TIERS	
T123	350
T234	100
T345	50
T456	50
T567	50
T678	50
T789	50
T8910	150

Speculative -Initial

TIERS	
T123	385
T234	110
T345	55
T456	55
T567	55
T678	55
T789	55
T8910	165

Hedge -Maintenance

TIERS	
T123	350
T234	100
T345	50
T456	50
T567	50
T678	50
T789	50
T8910	150

Hedge -Initial

TIERS	
T123	350
T234	100
T345	50
T456	50
T567	50
T678	50
T789	50
T8910	150

Effective Date
06/05/17
06/05/17
06/05/17
06/05/17
06/05/17
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06/05/17
06/05/17

**Cotton (CT)
Calendar**
Speculative - Maintenance

Contract Months	Dec-17	Mar-18	May-18	Jul-18	Oct-18	Dec-18	Mar-19	May-19	Jul-19	Oct-19	Dec-19	Mar-20
Oct-17	1,650	1,750	1,850	1,850	1,900	2,050	1,900	1,950	1,900	1,900	1,900	1,850
Dec-17		950	1,050	1,100	1,100	1,250	1,150	1,250	1,250	1,150	1,150	1,850
Mar-18			600	650	800	950	750	700	900	900	900	1,850
May-18				400	650	700	700	700	1,000	1,000	1,000	1,850
Jul-18					500	500	550	550	700	800	800	1,850
Oct-18						400	350	450	650	500	500	1,850
Dec-18							250	450	450	450	400	1,850
Mar-19								450	550	600	550	1,850
May-19									350	250	250	1,850
Jul-19										200	200	1,850
Oct-19											100	1,850
Dec-19												1,850
After Mar-20 vs. Any Tier: 1,850												

05/18/17
05/18/17
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07/12/17
05/18/17
05/18/17
05/18/17
07/12/17

**Cotton (CT)
Calendar**
Speculative - Initial

Contract Months	Dec-17	Mar-18	May-18	Jul-18	Oct-18	Dec-18	Mar-19	May-19	Jul-19	Oct-19	Dec-19	Mar-20
Oct-17	1,815	1,925	2,035	2,035	2,090	2,255	2,090	2,145	2,090	2,090	2,090	2,035
Dec-17		1,045	1,155	1,210	1,210	1,375	1,265	1,375	1,375	1,265	1,265	2,035
Mar-18			660	715	880	1,045	825	770	990	990	990	2,035
May-18				440	715	770	770	770	1,100	1,100	1,100	2,035
Jul-18					550	550	605	605	770	880	880	2,035
Oct-18						440	385	495	715	550	550	2,035
Dec-18							275	495	495	495	440	2,035
Mar-19								495	605	660	605	2,035
May-19									385	275	275	2,035
Jul-19										220	220	2,035
Oct-19											110	2,035
Dec-19												2,035
After Mar-20 vs. Any Tier: 2,035												

**Effective
Date**

05/18/17
05/18/17
05/18/17
05/18/17
05/18/17
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07/12/17
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05/18/17
05/18/17
05/18/17
05/18/17
05/18/17
07/12/17

**Cotton (CT)
Calendar**
Hedge - Maintenance

Contract Months	Dec-17	Mar-18	May-18	Jul-18	Oct-18	Dec-18	Mar-19	May-19	Jul-19	Oct-19	Dec-19	Mar-20
Oct-17	1,650	1,750	1,850	1,850	1,900	2,050	1,900	1,950	1,900	1,900	1,900	1,850
Dec-17		950	1,050	1,100	1,100	1,250	1,150	1,250	1,250	1,150	1,150	1,850
Mar-18			600	650	800	950	750	700	900	900	900	1,850
May-18				400	650	700	700	700	1,000	1,000	1,000	1,850
Jul-18					500	500	550	550	700	800	800	1,850
Oct-18						400	350	450	650	500	500	1,850
Dec-18							250	450	450	450	400	1,850
Mar-19								450	550	600	550	1,850
May-19									350	250	250	1,850
Jul-19										200	200	1,850
Oct-19											100	1,850
Dec-19												1,850
After Mar-20 vs. Any Tier: 1,850												

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**Cotton (CT)
Calendar**

Hedge - Initial

Contract Months	Dec-17	Mar-18	May-18	Jul-18	Oct-18	Dec-18	Mar-19	May-19	Jul-19	Oct-19	Dec-19	Mar-20
Oct-17	1,650	1,750	1,850	1,850	1,900	2,050	1,900	1,950	1,900	1,900	1,900	1,850
Dec-17		950	1,050	1,100	1,100	1,250	1,150	1,250	1,250	1,150	1,150	1,850
Mar-18			600	650	800	950	750	700	900	900	900	1,850
May-18				400	650	700	700	700	1,000	1,000	1,000	1,850
Jul-18					500	500	550	550	700	800	800	1,850
Oct-18						400	350	450	650	500	500	1,850
Dec-18							250	450	450	450	400	1,850
Mar-19								450	550	600	550	1,850
May-19									350	250	250	1,850
Jul-19										200	200	1,850
Oct-19											100	1,850
Dec-19												1,850
After Mar-20 vs. Any Tier:												1,850

Effective Date
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**Cotton (CT)
Butterfly Spreads**

Speculative -Maintenance

TIERS	
T123	1,500
T234	1,050
T345	550
T456	450
T567	400
T678	250
T789	450
T8910	350
T91011	200
T101112	150
T111213	50
T121314	50
T131415	50

Speculative -Initial

TIERS	
T123	1,650
T234	1,155
T345	605
T456	495
T567	440
T678	275
T789	495
T8910	385
T91011	220
T101112	165
T111213	55
T121314	55
T131415	55

Hedge -Maintenance

TIERS	
T123	1,500
T234	1,050
T345	550
T456	450
T567	400
T678	250
T789	450
T8910	350
T91011	200
T101112	150
T111213	50
T121314	50
T131415	50

Hedge -Initial

TIERS	
T123	1,500
T234	1,050
T345	550
T456	450
T567	400
T678	250
T789	450
T8910	350
T91011	200
T101112	150
T111213	50
T121314	50
T131415	50

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**Sugar#11(SB)
Calendar**

Speculative - Maintenance

Contract Months	Mar-18	May-18	Jul-18	Oct-18	Mar-19	May-19	Jul-19	Oct-19	Mar-20	May-20	Jul-20
Oct-17	500	800	1,150	1,400	1,550	1,650	1,800	1,850	1,900	1,850	2,100
Mar-18		350	700	950	1,100	1,200	1,300	1,350	1,400	1,400	1,700
May-18			350	650	900	1,000	1,100	1,100	1,100	1,100	1,350
Jul-18				300	500	650	700	750	850	900	1,000
Oct-18					250	350	700	700	700	700	800
Mar-19						150	300	600	550	600	650
May-19							200	300	400	450	600
Jul-19								200	300	400	500
Oct-19									200	350	400
Mar-20										300	300
May-20											300
After Jul-20 vs. Any Tier: 300											

Effective Date
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**Sugar#11 (SB)
Calendar**

Speculative - Initial

Contract Months	Mar-18	May-18	Jul-18	Oct-18	Mar-19	May-19	Jul-19	Oct-19	Mar-20	May-20	Jul-20
Oct-17	550	880	1,265	1,540	1,705	1,815	1,980	2,035	2,090	2,035	2,310
Mar-18		385	770	1,045	1,210	1,320	1,430	1,485	1,540	1,540	1,870
May-18			385	715	990	1,100	1,210	1,210	1,210	1,210	1,485
Jul-18				330	550	715	770	825	935	990	1,100
Oct-18					275	385	770	770	770	770	880
Mar-19						165	330	660	605	660	715
May-19							220	330	440	495	660
Jul-19								220	330	440	550
Oct-19									220	385	440
Mar-20										330	330
May-20											330
After Jul-20 vs. Any Tier: 330											

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**Sugar#11 (SB)
Calendar**

Hedge - Maintenance

Contract Months	Mar-18	May-18	Jul-18	Oct-18	Mar-19	May-19	Jul-19	Oct-19	Mar-20	May-20	Jul-20
Oct-17	500	800	1,150	1,400	1,550	1,650	1,800	1,850	1,900	1,850	2,100
Mar-18		350	700	950	1,100	1,200	1,300	1,350	1,400	1,400	1,700
May-18			350	650	900	1,000	1,100	1,100	1,100	1,100	1,350
Jul-18				300	500	650	700	750	850	900	1,000
Oct-18					250	350	700	700	700	700	800
Mar-19						150	300	600	550	600	650
May-19							200	300	400	450	600
Jul-19								200	300	400	500
Oct-19									200	350	400
Mar-20										300	300
May-20											300
After Jul-20 vs. Any Tier: 300											

Effective Date
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**Sugar#11 (SB)
Calendar**

Hedge - Initial

Contract Months	Mar-18	May-18	Jul-18	Oct-18	Mar-19	May-19	Jul-19	Oct-19	Mar-20	May-20	Jul-20
Oct-17	500	800	1,150	1,400	1,550	1,650	1,800	1,850	1,900	1,850	2,100
Mar-18		350	700	950	1,100	1,200	1,300	1,350	1,400	1,400	1,700
May-18			350	650	900	1,000	1,100	1,100	1,100	1,100	1,350
Jul-18				300	500	650	700	750	850	900	1,000
Oct-18					250	350	700	700	700	700	800
Mar-19						150	300	600	550	600	650
May-19							200	300	400	450	600
Jul-19								200	300	400	500
Oct-19									200	350	400
Mar-20										300	300
May-20											300
After Jul-20 vs. Any Tier: 300											

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**Sugar#11 (SB)
Butterfly Spreads**

Speculative -Maintenance	
T123	150
T234	100
T345	100
T456	100
T567	100
T678	100
T789	100
T8910	150

Speculative -Initial	
T123	165
T234	110
T345	110
T456	110
T567	110
T678	110
T789	110
T8910	165

Hedge -Maintenance	
T123	150
T234	100
T345	100
T456	100
T567	100
T678	100
T789	100
T8910	150

Hedge -Initial	
T123	150
T234	100
T345	100
T456	100
T567	100
T678	100
T789	100
T8910	150

Effective Date
06/05/17
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07/12/17

**Coffee (KC)
Calendar**

Speculative - Maintenance

Contract Months	Dec-17	Mar-18	May-18	Jul-18	Sep-18	Dec-18	Mar-19	May-19	Jul-19	Sep-19	Dec-19	Mar-20
Sep-17	450	450	400	500	600	550	600	650	700	750	800	850
Dec-17		100	200	450	550	500	500	550	600	650	700	800
Mar-18			200	350	500	500	500	500	550	650	700	750
May-18				200	350	500	500	500	500	550	650	700
Jul-18					150	250	350	400	450	500	600	650
Sep-18						200	300	350	350	450	550	650
Dec-18							150	250	300	400	550	600
Mar-19								150	250	350	500	550
May-19									200	300	450	500
Jul-19										200	400	450
Sep-19											300	400
Dec-19												400
After Mar-20 vs. Any Tier: 400												

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**Coffee (KC)
Calendar**
Speculative - Initial

Contract Months	Dec-17	Mar-18	May-18	Jul-18	Sep-18	Dec-18	Mar-19	May-19	Jul-19	Sep-19	Dec-19	Mar-20
Sep-17	495	495	440	550	660	605	660	715	770	825	880	935
Dec-17		110	220	495	605	550	550	605	660	715	770	880
Mar-18			220	385	550	550	550	605	715	770	825	
May-18				220	385	550	550	550	550	605	715	770
Jul-18					165	275	385	440	495	550	660	715
Sep-18						220	330	385	385	495	605	715
Dec-18							165	275	330	440	605	660
Mar-19								165	275	385	550	605
May-19									220	330	495	550
Jul-19										220	440	495
Sep-19											330	440
Dec-19												440
After Mar-20 vs. Any Tier: 440												

**Effective
Date**

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**Coffee (KC)
Calendar**
Hedge - Maintenance

Contract Months	Dec-17	Mar-18	May-18	Jul-18	Sep-18	Dec-18	Mar-19	May-19	Jul-19	Sep-19	Dec-19	Mar-20
Sep-17	450	450	400	500	600	550	600	650	700	750	800	850
Dec-17		100	200	450	550	500	500	550	600	650	700	800
Mar-18			200	350	500	500	500	500	550	650	700	750
May-18				200	350	500	500	500	500	550	650	700
Jul-18					150	250	350	400	450	500	600	650
Sep-18						200	300	350	350	450	550	650
Dec-18							150	250	300	400	550	600
Mar-19								150	250	350	500	550
May-19									200	300	450	500
Jul-19										200	400	450
Sep-19											300	400
Dec-19												400
After Mar-20 vs. Any Tier: 400												

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**Coffee (KC)
Calendar**

Hedge - Initial

Contract Months	Dec-17	Mar-18	May-18	Jul-18	Sep-18	Dec-18	Mar-19	May-19	Jul-19	Sep-19	Dec-19	Mar-20
Sep-17	450	450	400	500	600	550	600	650	700	750	800	850
Dec-17		100	200	450	550	500	500	550	600	650	700	800
Mar-18			200	350	500	500	500	500	550	650	700	750
May-18				200	350	500	500	500	500	550	650	700
Jul-18					150	250	350	400	450	500	600	650
Sep-18						200	300	350	350	450	550	650
Dec-18							150	250	300	400	550	600
Mar-19								150	250	350	500	550
May-19									200	300	450	500
Jul-19										200	400	450
Sep-19											300	400
Dec-19												400
After Mar-20 vs. Any Tier: 400												

**Effective
Date**

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**Coffee (KC)
Butterfly Spreads**

Speculative -Maintenance

TIERS	
T123	400
T234	100
T345	100
T456	100
T567	100
T678	100
T789	100
T8910	100
T91011	150
T101112	150
T111213	150
T121314	200
T131415	300

Speculative -Initial

TIERS	
T123	440
T234	110
T345	110
T456	110
T567	110
T678	110
T789	110
T8910	110
T91011	165
T101112	165
T111213	165
T121314	220
T131415	330

Hedge -Maintenance

TIERS	
T123	400
T234	100
T345	100
T456	100
T567	100
T678	100
T789	100
T8910	100
T91011	150
T101112	150
T111213	150
T121314	200
T131415	300

Hedge -Initial

TIERS	
T123	400
T234	100
T345	100
T456	100
T567	100
T678	100
T789	100
T8910	100
T91011	150
T101112	150
T111213	150
T121314	200
T131415	300

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**FCOJ (OJ)
Calendar**
Speculative - Maintenance

Contract Months	Nov-17	Jan-18	Mar-18	May-18	Jul-18	Sep-18	Nov-18	Jan-19	Mar-19	May-19	Jul-19	Sep-19
Sep-17	1,100	950	1,100	1,200	1,150	1,200	1,250	1,250	1,250	1,250	1,250	1,250
Nov-17		450	750	1,050	1,050	1,100	1,150	1,350	1,350	1,350	1,350	1,250
Jan-18			400	800	800	900	950	1,050	1,050	1,050	1,050	1,250
Mar-18				600	600	700	700	750	750	750	750	1,250
May-18					450	500	500	500	500	500	500	1,250
Jul-18						350	350	350	350	450	500	1,250
Sep-18							150	150	200	300	350	1,250
Nov-18								100	150	200	300	1,250
Jan-19									100	150	200	1,250
Mar-19										100	150	1,250
May-19											100	1,250
Jul-19												1,250
After Sep-19 vs. Any Tier: 1,250												

Effective Date
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**FCOJ (OJ)
Calendar**
Speculative - Initial

Contract Months	Nov-17	Jan-18	Mar-18	May-18	Jul-18	Sep-18	Nov-18	Jan-19	Mar-19	May-19	Jul-19	Sep-19
Sep-17	1,210	1,045	1,210	1,320	1,265	1,320	1,375	1,375	1,375	1,375	1,375	1,375
Nov-17		495	825	1,155	1,155	1,210	1,265	1,485	1,485	1,485	1,485	1,375
Jan-18			440	880	880	990	1,045	1,155	1,155	1,155	1,155	1,375
Mar-18				660	660	770	770	825	825	825	825	1,375
May-18					495	550	550	550	550	550	550	1,375
Jul-18						385	385	385	385	495	550	1,375
Sep-18							165	165	220	330	385	1,375
Nov-18								110	165	220	330	1,375
Jan-19									110	165	220	1,375
Mar-19										110	165	1,375
May-19											110	1,375
Jul-19												1,375
After Sep-19 vs. Any Tier: 1,375												

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**FCOJ (OJ)
Calendar**

Hedge - Maintenance

Contract Months	Nov-17	Jan-18	Mar-18	May-18	Jul-18	Sep-18	Nov-18	Jan-19	Mar-19	May-19	Jul-19	Sep-19
Sep-17	1,100	950	1,100	1,200	1,150	1,200	1,250	1,250	1,250	1,250	1,250	1,250
Nov-17		450	750	1,050	1,050	1,100	1,150	1,350	1,350	1,350	1,350	1,250
Jan-18			400	800	800	900	950	1,050	1,050	1,050	1,050	1,250
Mar-18				600	600	700	700	750	750	750	750	1,250
May-18					450	500	500	500	500	500	500	1,250
Jul-18						350	350	350	350	450	500	1,250
Sep-18							150	150	200	300	350	1,250
Nov-18								100	150	200	300	1,250
Jan-19									100	150	200	1,250
Mar-19										100	150	1,250
May-19											100	1,250
Jul-19												1,250
After Sep-19 vs. Any Tier: 1,250												

Effective Date
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**FCOJ (OJ)
Calendar**

Hedge - Initial

Contract Months	Nov-17	Jan-18	Mar-18	May-18	Jul-18	Sep-18	Nov-18	Jan-19	Mar-19	May-19	Jul-19	Sep-19
Sep-17	1,100	950	1,100	1,200	1,150	1,200	1,250	1,250	1,250	1,250	1,250	1,250
Nov-17		450	750	1,050	1,050	1,100	1,150	1,350	1,350	1,350	1,350	1,250
Jan-18			400	800	800	900	950	1,050	1,050	1,050	1,050	1,250
Mar-18				600	600	700	700	750	750	750	750	1,250
May-18					450	500	500	500	500	500	500	1,250
Jul-18						350	350	350	350	450	500	1,250
Sep-18							150	150	200	300	350	1,250
Nov-18								100	150	200	300	1,250
Jan-19									100	150	200	1,250
Mar-19										100	150	1,250
May-19											100	1,250
Jul-19												1,250
After Sep-19 vs. Any Tier: 1,250												

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**Cash Settled U.S. Corn (ICN)
Calendar**
Speculative - Maintenance

TIERS	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13
T1	100	150	150	200	300	700	750	750	750	750	800	700
T2		100	100	200	250	700	750	750	750	750	750	700
T3			100	150	300	650	700	700	700	700	700	700
T4				200	200	600	650	650	650	650	650	700
T5					200	550	600	600	600	600	650	700
T6						200	200	250	300	550	650	700
T7							100	200	250	550	650	700
T8								100	200	550	650	700
T9									200	550	650	700
T10										550	650	700
T11											650	700
T12												700
T13+ vs. T13+:500												

**Effective
Date**

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**Cash Settled U.S. Corn (ICN)
Calendar**
Speculative - Initial

TIERS	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13
T1	110	165	165	220	330	770	825	825	825	825	880	770
T2		110	110	220	275	770	825	825	825	825	825	770
T3			110	165	330	715	770	770	770	770	770	770
T4				220	220	660	715	715	715	715	715	770
T5					220	605	660	660	660	660	715	770
T6						220	220	275	330	605	715	770
T7							110	220	275	605	715	770
T8								110	220	605	715	770
T9									220	605	715	770
T10										605	715	770
T11											715	770
T12												770
T13+ vs. T13+: 550												

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11/01/16

**Cash Settled U.S. Corn (ICN)
Calendar**

Hedge - Maintenance

TIERS	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13
T1	100	150	150	200	300	700	750	750	750	750	800	700
T2		100	100	200	250	700	750	750	750	750	750	700
T3			100	150	300	650	700	700	700	700	700	700
T4				200	200	600	650	650	650	650	650	700
T5					200	550	600	600	600	600	650	700
T6						200	200	250	300	550	650	700
T7							100	200	250	550	650	700
T8								100	200	550	650	700
T9									200	550	650	700
T10										550	650	700
T11											650	700
T12												700
T13+ vs. T13+:500												

**Effective
Date**

04/07/17
04/07/17
04/07/17
04/07/17
04/07/17
04/07/17
04/07/17
04/07/17
04/07/17
04/07/17
04/07/17
04/07/17
04/07/17
11/01/16

**Cash Settled U.S. Corn (ICN)
Calendar**

Hedge - Initial

TIERS	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13
T1	100	150	150	200	300	700	750	750	750	750	800	700
T2		100	100	200	250	700	750	750	750	750	750	700
T3			100	150	300	650	700	700	700	700	700	700
T4				200	200	600	650	650	650	650	650	700
T5					200	550	600	600	600	600	650	700
T6						200	200	250	300	550	650	700
T7							100	200	250	550	650	700
T8								100	200	550	650	700
T9									200	550	650	700
T10										550	650	700
T11											650	700
T12												700
T13+ vs. T13+:500												

04/07/17
04/07/17
04/07/17
04/07/17
04/07/17
04/07/17
04/07/17
04/07/17
04/07/17
04/07/17
04/07/17
04/07/17
04/07/17
11/01/16

**Cash Settled U.S. Soybean (IS)
Calendar**
Speculative - Maintenance

TIERS	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13
T1	250	600	1,050	1,000	1,200	1,500	1,600	1,650	1,650	2,250	2,250	2,300
T2		500	950	950	1,200	1,450	1,550	1,600	1,600	2,200	2,200	2,250
T3			450	500	1,050	1,350	1,450	1,500	1,500	2,100	2,100	2,150
T4				400	950	1,200	1,300	1,350	1,350	1,950	1,950	2,000
T5					700	1,000	1,100	1,150	1,200	1,750	1,750	1,800
T6						300	450	700	850	1,050	1,050	1,100
T7							200	450	700	750	750	800
T8								500	700	700	650	700
T9									450	600	600	650
T10										600	600	650
T11											500	400
T12												400
T14+vs. Any+: 2300												

**Effective
Date**

10/19/16
05/25/16
02/09/17
02/09/17
10/19/16
10/19/16
10/19/16
10/19/16
10/19/16
10/19/16
05/25/16
02/09/17
02/09/17
05/25/16

**Cash Settled U.S. Soybean (IS)
Calendar**
Speculative - Initial

TIERS	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13
T1	275	660	1,155	1,100	1,320	1,650	1,760	1,815	1,815	2,475	2,475	2,530
T2		550	1,045	1,045	1,320	1,595	1,705	1,760	1,760	2,420	2,420	2,475
T3			495	550	1,155	1,485	1,595	1,650	1,650	2,310	2,310	2,365
T4				440	1,045	1,320	1,430	1,485	1,485	2,145	2,145	2,200
T5					770	1,100	1,210	1,265	1,320	1,925	1,925	1,980
T6						330	495	770	935	1,155	1,155	1,210
T7							220	495	770	825	825	880
T8								550	770	770	715	770
T9									495	660	660	715
T10										660	660	715
T11											550	440
T12												440
T14+vs. Any+: 2530												

10/19/16
05/25/16
02/09/17
02/09/17
10/19/16
10/19/16
10/19/16
10/19/16
10/19/16
10/19/16
05/25/16
02/09/17
02/09/17
05/25/16

**Cash Settled U.S. Soybean (IS)
Calendar**
Hedge - Maintenance

TIERS	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13
T1	250	600	1,050	1,000	1,200	1,500	1,600	1,650	1,650	2,250	2,250	2,300
T2		500	950	950	1,200	1,450	1,550	1,600	1,600	2,200	2,200	2,250
T3			450	500	1,050	1,350	1,450	1,500	1,500	2,100	2,100	2,150
T4				400	950	1,200	1,300	1,350	1,350	1,950	1,950	2,000
T5					700	1,000	1,100	1,150	1,200	1,750	1,750	1,800
T6						300	450	700	850	1,050	1,050	1,100
T7							200	450	700	750	750	800
T8								500	700	700	650	700
T9									450	600	600	650
T10										600	600	650
T11											500	400
T12												400
T14+vs. Any+: 2300												

**Effective
Date**

10/19/16
05/25/16
02/09/17
02/09/17
10/19/16
10/19/16
10/19/16
10/19/16
10/19/16
05/25/16
02/09/17
02/09/17
05/25/16

**Cash Settled U.S. Soybean (IS)
Calendar**
Hedge - Initial

TIERS	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13
T1	250	600	1,050	1,000	1,200	1,500	1,600	1,650	1,650	2,250	2,250	2,300
T2		500	950	950	1,200	1,450	1,550	1,600	1,600	2,200	2,200	2,250
T3			450	500	1,050	1,350	1,450	1,500	1,500	2,100	2,100	2,150
T4				400	950	1,200	1,300	1,350	1,350	1,950	1,950	2,000
T5					700	1,000	1,100	1,150	1,200	1,750	1,750	1,800
T6						300	450	700	850	1,050	1,050	1,100
T7							200	450	700	750	750	800
T8								500	700	700	650	700
T9									450	600	600	650
T10										600	600	650
T11											500	400
T12												400
T14+vs. Any+: 2300												

10/19/16
05/25/16
02/09/17
02/09/17
10/19/16
10/19/16
10/19/16
10/19/16
10/19/16
05/25/16
02/09/17
02/09/17
05/25/16

Cash Settled U.S. Soybean Oil (IBO) Calendar
Speculative - Maintenance

TIERS	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13
T1	100	100	100	100	150	200	300	350	350	350	400	400
T2		100	100	100	150	250	300	350	350	350	400	400
T3			100	100	150	250	300	350	350	350	400	400
T4				100	150	250	300	350	350	350	400	400
T5					150	250	300	350	350	350	400	400
T6						150	200	250	250	250	300	300
T7							100	150	150	200	200	200
T8								100	150	150	150	200
T9									150	150	150	200
T10										100	100	150
T11											100	150
T12												150
T13+ vs. T13+: 350												

Effective Date

02/09/17
02/09/17
02/09/17
02/09/17
02/19/14
02/19/14
02/09/17
02/09/17
02/09/17
02/09/17
02/09/17
02/09/17
02/09/17
05/14/12

Cash Settled U.S. Soybean Oil (IBO) Calendar
Speculative - Initial

TIERS	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13
T1	110	110	110	110	165	220	330	385	385	385	440	440
T2		110	110	110	165	275	330	385	385	385	440	440
T3			110	110	165	275	330	385	385	385	440	440
T4				110	165	275	330	385	385	385	440	440
T5					165	275	330	385	385	385	440	440
T6						165	220	275	275	275	330	330
T7							110	165	165	220	220	220
T8								110	165	165	165	220
T9									165	165	165	220
T10										110	110	165
T11											110	165
T12												165
T13+ vs. T13+: 385												

02/09/17
02/09/17
02/09/17
02/09/17
02/19/14
02/19/14
02/09/17
02/09/17
02/09/17
02/09/17
02/09/17
02/09/17
02/09/17
05/14/12

Cash Settled U.S. Soybean Oil (IBO) Calendar
Hedge - Maintenance

TIERS	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13
T1	100	100	100	100	150	200	300	350	350	350	400	400
T2		100	100	100	150	250	300	350	350	350	400	400
T3			100	100	150	250	300	350	350	350	400	400
T4				100	150	250	300	350	350	350	400	400
T5					150	250	300	350	350	350	400	400
T6						150	200	250	250	250	300	300
T7							100	150	150	200	200	200
T8								100	150	150	150	200
T9									150	150	150	200
T10										100	100	150
T11											100	150
T12												150
T13+ vs. T13+: 350												

Effective Date

02/09/17
02/09/17
02/09/17
02/09/17
02/19/14
02/19/14
02/09/17
02/09/17
02/09/17
02/09/17
02/09/17
02/09/17
05/14/12

Cash Settled U.S. Soybean Oil (IBO) Calendar
Hedge - Initial

TIERS	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13
T1	100	100	100	100	150	200	300	350	350	350	400	400
T2		100	100	100	150	250	300	350	350	350	400	400
T3			100	100	150	250	300	350	350	350	400	400
T4				100	150	250	300	350	350	350	400	400
T5					150	250	300	350	350	350	400	400
T6						150	200	250	250	250	300	300
T7							100	150	150	200	200	200
T8								100	150	150	150	200
T9									150	150	150	200
T10										100	100	150
T11											100	150
T12												150
T13+ vs. T13+: 350												

02/09/17
02/09/17
02/09/17
02/09/17
02/19/14
02/19/14
02/09/17
02/09/17
02/09/17
02/09/17
02/09/17
02/09/17
05/14/12

Cash Settled U.S. Soybean Meal (ISM) Calendar

Speculative - Maintenance

TIERS	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13
T1	600	950	1,050	1,050	1,100	1,200	1,450	1,600	1,600	1,650	1,600	1,550
T2		400	550	700	700	800	900	1,050	1,100	1,150	1,150	1,150
T3			300	450	500	600	900	1,000	1,100	1,150	1,150	1,150
T4				200	450	600	900	1,000	1,100	1,150	1,150	1,150
T5					300	550	900	950	1,050	1,150	1,150	1,150
T6						400	750	800	900	1,000	1,000	1,000
T7							350	450	500	600	600	650
T8								200	250	400	550	600
T9									200	400	550	600
T10										300	400	500
T11											300	350
T12												250
T14+ vs. Any+ 1650												

Effective Date

05/25/16
05/25/16
05/25/16
02/09/17
02/09/17
05/25/16
05/25/16
03/24/17
10/19/16
10/19/16
05/25/16
03/24/17
05/25/16

Cash Settled U.S. Soybean Meal (ISM) Calendar

Speculative - Initial

TIERS	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13
T1	660	1,045	1,155	1,155	1,210	1,320	1,595	1,760	1,760	1,815	1,760	1,705
T2		440	605	770	770	880	990	1,155	1,210	1,265	1,265	1,265
T3			330	495	550	660	990	1,100	1,210	1,265	1,265	1,265
T4				220	495	660	990	1,100	1,210	1,265	1,265	1,265
T5					330	605	990	1,045	1,155	1,265	1,265	1,265
T6						440	825	880	990	1,100	1,100	1,100
T7							385	495	550	660	660	715
T8								220	275	440	605	660
T9									220	440	605	660
T10										330	440	550
T11											330	385
T12												275
T14+ vs. Any+ 1815												

05/25/16
05/25/16
05/25/16
02/09/17
02/09/17
05/25/16
05/25/16
03/24/17
10/19/16
10/19/16
05/25/16
03/24/17
05/25/16

Cash Settled U.S. Soybean Meal (ISM) Calendar
Hedge - Maintenance

TIERS	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13
T1	600	950	1,050	1,050	1,100	1,200	1,450	1,600	1,600	1,650	1,600	1,550
T2		400	550	700	700	800	900	1,050	1,100	1,150	1,150	1,150
T3			300	450	500	600	900	1,000	1,100	1,150	1,150	1,150
T4				200	450	600	900	1,000	1,100	1,150	1,150	1,150
T5					300	550	900	950	1,050	1,150	1,150	1,150
T6						400	750	800	900	1,000	1,000	1,000
T7							350	450	500	600	600	650
T8								200	250	400	550	600
T9									200	400	550	600
T10										300	400	500
T11											300	350
T12												250
T14+ vs. Any+ 1650												

Effective Date

05/25/16
05/25/16
05/25/16
02/09/17
02/09/17
05/25/16
05/25/16
03/24/17
10/19/16
10/19/16
05/25/16
03/24/17
05/25/16

Cash Settled U.S. Soybean Meal (ISM) Calendar
Hedge - Initial

TIERS	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13
T1	600	950	1,050	1,050	1,100	1,200	1,450	1,600	1,600	1,650	1,600	1,550
T2		400	550	700	700	800	900	1,050	1,100	1,150	1,150	1,150
T3			300	450	500	600	900	1,000	1,100	1,150	1,150	1,150
T4				200	450	600	900	1,000	1,100	1,150	1,150	1,150
T5					300	550	900	950	1,050	1,150	1,150	1,150
T6						400	750	800	900	1,000	1,000	1,000
T7							350	450	500	600	600	650
T8								200	250	400	550	600
T9									200	400	550	600
T10										300	400	500
T11											300	350
T12												250
T14+ vs. Any+ 1650												

05/25/16
05/25/16
05/25/16
02/09/17
02/09/17
05/25/16
05/25/16
03/24/17
10/19/16
10/19/16
05/25/16
03/24/17
05/25/16

**Cash Settled U.S. Wheat (IW)
Calendar**
Speculative - Maintenance

TIERS	T2	T3	T4	T5	T6	T7	T8	T9	T10
T1	300	300	450	550	700	700	700	800	1,000
T2		200	350	450	550	600	600	650	950
T3			200	300	400	500	550	600	950
T4				150	300	400	500	600	900
T5					200	350	500	650	850
T6						200	500	650	800
T7							450	600	650
T8								550	550
T9									550

**Effective
Date**

07/12/17
07/12/17
07/12/17
07/12/17
07/12/17
07/12/17
07/12/17
07/12/17
02/25/16
07/12/17

**Cash Settled U.S. Wheat (IW)
Calendar**
Speculative - Initial

TIERS	T2	T3	T4	T5	T6	T7	T8	T9	T10
T1	330	330	495	605	770	770	770	880	1,100
T2		220	385	495	605	660	660	715	1,045
T3			220	330	440	550	605	660	1,045
T4				165	330	440	550	660	990
T5					220	385	550	715	935
T6						220	550	715	880
T7							495	660	715
T8								605	605
T9									605

07/12/17
07/12/17
07/12/17
07/12/17
07/12/17
07/12/17
07/12/17
07/12/17
02/25/16
07/12/17

**Cash Settled U.S. Wheat (IW)
Calendar**
Hedge - Maintenance

TIERS	T2	T3	T4	T5	T6	T7	T8	T9	T10
T1	300	300	450	550	700	700	700	800	1,000
T2		200	350	450	550	600	600	650	950
T3			200	300	400	500	550	600	950
T4				150	300	400	500	600	900
T5					200	350	500	650	850
T6						200	500	650	800
T7							450	600	650
T8								550	550
T9									550

**Effective
Date**

07/12/17
07/12/17
07/12/17
07/12/17
07/12/17
07/12/17
07/12/17
02/25/16
07/12/17

**Cash Settled U.S. Wheat (IW)
Calendar**
Hedge - Initial

TIERS	T2	T3	T4	T5	T6	T7	T8	T9	T10
T1	300	300	450	550	700	700	700	800	1,000
T2		200	350	450	550	600	600	650	950
T3			200	300	400	500	550	600	950
T4				150	300	400	500	600	900
T5					200	350	500	650	850
T6						200	500	650	800
T7							450	600	650
T8								550	550
T9									550

07/12/17
07/12/17
07/12/17
07/12/17
07/12/17
07/12/17
07/12/17
02/25/16
07/12/17

ICE FUTURES U.S. PRODUCTS VS. ICE FUTURES U.S. PRODUCTS

Information shown in red indicate latest changes.

AGRICULTURE, INDEXES, PRECIOUS METALS PRODUCTS

AGRICULTURE

SPREAD	ACTION	RATIO	SAVINGS** PERCENTAGE	EFFECTIVE DATE
WCT + CT	A-B	1 to 1	45%	05/18/17
ICN + IW	A-B	2 to 1	50%	09/07/12
IS + IBO	A-B	2 to 1	55%	12/15/16
IS + ISM	A-B	1 to 2	70%	10/19/16
IS+ISM+IBO	A-B-B	1 to 1 to 1	60%	08/30/13
IS+ISM+IBO	A-B-B	10 to 11 to 9	80%	05/14/12

* (A) represents long side (or short side), (B) represents short side (or long side)

CURRENCIES

SPREAD	ACTION	RATIO	SAVINGS** PERCENTAGE	EFFECTIVE DATE
AR+KAU+KZX	long-short-long	5 to 8 to 10	70%	10/28/15
DX+MP	long-long	8 to 5	65%	08/26/16
DX+IMP	long-long	16 to 1	65%	08/26/16
DX+KEO	long-long	6 to 5	70%	10/28/15
DX+IEO	long-long	48 to 5	70%	10/28/15
DX+KEO+MP	long-long-long	48 to 30 to 5	85%	10/28/15
DX+KMF	long-long	1 to 1	50%	08/26/16
DX+KMF+IKX	long-long-short	17 to 4 to 1	80%	08/26/16
DX+KMF+MP	long-long-long	10 to 2 to 5	75%	08/26/16
DX+KMF+IMP	long-long-long	20 to 4 to 1	75%	08/26/16
DX+KEO+KMF	long-long-long	84 to 75 to 4	80%	08/26/16
DX+IEO+KMF	long-long-long	84 to 9 to 4	80%	08/26/16
DX+KMF+KSN	long-long-long	5 to 1 to 4	60%	08/26/16
DX+KMF+KSV	long-long-long	14 to 3 to 11	70%	08/26/16
DX+KSN+MP	long-long-long	32 to 16 to 10	75%	07/12/17
DX+KSN+IMP	long-long-long	32 to 16 to 1	75%	07/12/17
DX+KEO+KSN	long-long-long	6 to 4 to 1	85%	10/28/15
DX+IEO+KSN	long-long-long	12 to 1 to 2	85%	10/28/15
DX+KSV	long-long	1 to 1	60%	10/19/16
DX+KSV+MP	long-long-long	32 to 16 to 10	75%	08/26/16
DX+KSV+IMP	long-long-long	32 to 16 to 1	75%	08/26/16
DX+KEO+KSV	long-long-long	13 to 4 to 1	70%	09/22/16
DX+IEO+KSV	long-long-long	26 to 1 to 2	70%	09/22/16

CURRENCIES

SPREAD	ACTION	RATIO	SAVINGS** PERCENTAGE	EFFECTIVE DATE
DX+KSN	long-long	1 to 1	50%	04/09/14
DX+KSN+KSV	long-long-long	2 to 1 to 1	65%	08/26/16
DX+KX	long-short	1 to 1	60%	03/16/15
DX+KEO+KX	long-long-short	160 to 125 to 10	80%	07/12/17
DX+IEO+IKX	long-long-short	160 to 15 to 1	80%	07/12/17
DX+KSN+KX	long-long-short	4 to 3 to 1	60%	08/26/16
DX+KSV+KX	long-long-short	37 to 22 to 10	70%	12/15/16
DX+KSV+IKX	long-long-short	37 to 22 to 1	75%	08/26/16
DX+KX+MP	long-short-long	4 to 1 to 2	70%	08/26/16
KAU+IAU	long-short	10 to 1	100%	06/06/11
KEJ+IEJ	long-short	8 to 1	100%	06/06/11
KEJ+IRZ+KZY	long-short-short	16 to 1 to 4	60%	10/28/15
KEJ+KRZ+KZY	long-short-short	4 to 2 to 1	60%	10/28/15
IEJ+IRZ+KZY	long-short-short	2 to 1 to 4	60%	10/28/15
IEJ+KRZ+KZY	long-short-short	1 to 4 to 2	60%	10/28/15
KEJ+KEO+KSN	long-short-long	4 to 4 to 5	90%	10/28/15
KEO+IEO	long-short	8 to 1	100%	06/06/11
KEO+KMF+IRZ	long-short-short	80 to 32 to 5	70%	07/12/17
KEO+KMF+KRZ	long-short-short	20 to 8 to 10	70%	07/12/17
IEO+KMF+IRZ	long-short-short	10 to 32 to 5	70%	07/12/17
IEO+KMF+KRZ	long-short-short	5 to 16 to 20	70%	07/12/17
KEO+IEP+ISV	long-short-long	40 to 10 to 32	60%	08/26/16
IEO+KEP+ISV	short-long-short	5 to 80 to 32	60%	08/26/16
KEO+KEP+ISV	long-short-long	5 to 10 to 4	60%	08/26/16
IEO+IEP+ISV	long-short-long	5 to 10 to 32	60%	08/26/16
KEO+IEP+KSV	long-short-short	80 to 5 to 32	60%	10/28/15
KEO+KEP+KSV	long-short-short	10 to 5 to 4	60%	10/28/15
IEO+KEP+KSV	long-short-short	5 to 20 to 16	60%	10/28/15
IEO+IEP+KSV	long-short-short	10 to 5 to 32	60%	10/28/15
KEO+KGB+MP	long-short-short	8 to 4 to 5	80%	07/12/17
KEO+KGB+IMP	long-short-short	16 to 8 to 1	80%	07/12/17
KEO+IGB+MP	long-short-short	16 to 1 to 10	80%	07/12/17
KEO+IGB+IMP	long-short-short	16 to 1 to 1	80%	07/12/17
IEO+KGB+MP	long-short-short	1 to 4 to 5	80%	07/12/17
IEO+KGB+IMP	long-short-short	2 to 8 to 1	80%	07/12/17
IEO+IGB+MP	long-short-short	2 to 1 to 10	80%	07/12/17
IEO+IGB+IMP	long-short-short	2 to 1 to 1	80%	07/12/17
KEP+IEP	long-short	8 to 1	100%	06/06/11
KGB+IGB	long-short	8 to 1	100%	06/06/11
KAU+KEO+KRA	long-short-long	4 to 1 to 1	70%	08/26/16
KRK+IRK	long-short	8 to 1	100%	06/06/11
KRZ+IRZ	long-short	8 to 1	100%	06/06/11
KGB+KRZ+SS	long-short-long	5 to 10 to 4	80%	10/28/15
KGB+IRZ+SS	long-short-long	20 to 5 to 16	80%	10/28/15
IGB+KRZ+SS	long-short-long	5 to 80 to 32	80%	10/28/15
IGB+IRZ+SS	long-short-long	5 to 10 to 32	80%	10/28/15

CURRENCIES

SPREAD	ACTION	RATIO	SAVINGS** PERCENTAGE	EFFECTIVE DATE
AR+IAU+KZX	long-short-long	5 to 1 to 10	70%	10/28/15
IKX+KX	long-short	1 to 10	100%	11/06/08
IMP+MP	long-short	1 to 16	100%	11/06/08
KMF+MP+SS	long-short-long	6 to 5 to 4	90%	10/28/15
KMF+IMP+SS	long-short-long	12 to 1 to 8	90%	10/28/15
KSN+MP+SY	long-short-long	8 to 5 to 4	85%	08/26/16
KSN+IMP+SY	long-short-long	16 to 1 to 8	85%	08/26/16
KSN+KZX+ZJ	long-short-long	3 to 4 to 2	85%	03/26/15

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SPREAD	ACTION	RATIO	SAVINGS** PERCENTAGE	EFFECTIVE DATE
RF+RG	long-short	1 to 1	75%	08/30/13
RF+RV	long-short	1 to 1	75%	08/30/13
RF+RV+RG	long-short-short	2 to 1 to 1	75%	08/30/13
RG+RV	long-short	1 to 1	80%	12/15/16
TF+RF	long-short	1 to 1	70%	12/15/16
TF+RG	long-short	1 to 1	65%	12/15/16
TF+RV	long-short	1 to 1	65%	12/15/16
ASE+ASN	long-short	1 to 1	70%	09/22/16
ASE+AWE	long-short	5 to 4	75%	09/22/16
ASE+AWN	long-short	1 to 1	75%	08/26/16
ASE+MMN	long-short	1 to 1	75%	09/22/16
ASN+AWN	long-short	1 to 1	80%	08/26/16
ASN+MMN	long-short	1 to 1	85%	08/26/16
ASN+MME	long-short	1 to 1	70%	02/09/17
AWE+AWN	long-short	2 to 3	80%	09/22/16
AWE+MAW	long-short	4 to 3	85%	08/26/16
AWE+MCE	long-short	1 to 2	75%	04/06/16
AWE+MFU	long-short	2 to 1	80%	08/26/16
AWE+MGE	long-short	1 to 2	75%	08/26/16
AWE+MMN	long-short	3 to 4	75%	09/22/16
AWE+MMW	long-short	2 to 3	85%	06/30/14
AWE+MPP	long-short	1 to 2	80%	08/26/16
AWE+MPU	long-short	4 to 7	80%	08/26/16
AWN+MAW	long-short	2 to 1	80%	09/22/16
AWN+MCE	long-short	3 to 4	75%	04/06/16
AWN+MFU	long-short	5 to 2	90%	06/30/14
AWN+MGE	long-short	3 to 4	75%	12/15/16
AWN+MMN	long-short	1 to 1	80%	09/22/16

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SPREAD	ACTION	RATIO	SAVINGS** PERCENTAGE	EFFECTIVE DATE
AWN+MMW	long-short	1 to 1	85%	06/30/14
AWN+MPP	long-short	3 to 4	80%	08/26/16
AWN+MPU	long-short	3 to 4	75%	09/22/16
MAW+MCE	long-short	2 to 5	80%	04/06/16
MAW+MCL	long-short	1 to 1	75%	08/26/16
MAW+MCU	long-short	5 to 4	80%	12/15/16
MAW+MEU	long-short	1 to 3	80%	08/26/16
MAW+MFS	long-short	1 to 1	75%	04/06/16
MAW+MFU	long-short	5 to 4	80%	08/26/16
MAW+MGE	long-short	1 to 3	75%	08/26/16
MAW+MME	long-short	2 to 3	60%	03/24/17
MAW+MMW	long-short	1 to 3	80%	06/30/14
MAW+MPP	long-short	1 to 3	80%	08/26/16
MAW+MPU	long-short	2 to 5	80%	08/26/16
MAW+MRG	long-short	5 to 3	80%	08/26/16
MAW+MUN	long-short	1 to 1	80%	09/22/16
MAW+MWL	long-short	1 to 1	85%	09/22/16
MAW+RF	long-short	5 to 8	80%	12/05/16
MAW+RG	long-short	1 to 2	80%	12/05/16
MAW+RV	long-short	1 to 2	80%	12/05/16
MCE+MEU	long-short	1 to 1	85%	04/06/16
MCE+MFU	long-short	3 to 1	70%	04/06/16
MCE+MGE	long-short	1 to 1	80%	04/06/16
MCE+MMW	long-short	1 to 1	80%	06/30/14
MCE+MPP	long-short	1 to 1	80%	04/06/16
MCE+MPU	long-short	1 to 1	80%	04/06/16
MCL+MMW	long-short	2 to 5	75%	08/26/16
MCU+MFS	long-short	1 to 1	80%	04/06/16
MCU+MME	long-short	1 to 2	60%	12/15/16
MCU+MMW	long-short	1 to 3	85%	06/30/14
MCU+MRG	long-short	3 to 2	80%	07/12/17
MCU+MUN	long-short	1 to 1	90%	06/30/14
MCU+MWL	long-short	5 to 6	85%	07/12/17
MCU+RF	long-short	1 to 2	90%	12/05/16
MCU+RG	long-short	1 to 2	80%	12/15/16
MCU+RV	long-short	1 to 2	90%	12/05/16
MCU+TF	long-short	1 to 2	65%	12/15/16
MEU+MGE	long-short	1 to 1	85%	12/15/16
MEU+MMW	long-short	4 to 3	75%	06/30/14
MEU+MPP	long-short	1 to 1	75%	06/30/14
MEU+MPU	long-short	1 to 1	90%	06/30/14

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SPREAD	ACTION	RATIO	SAVINGS** PERCENTAGE	EFFECTIVE DATE
MFS+MCE	long-short	1 to 3	70%	04/06/16
MFS+MEU	long-short	1 to 3	75%	04/06/16
MFS+MME	long-short	1 to 2	65%	11/14/16
MFS+MMW	long-short	2 to 5	80%	04/06/16
MFS+MPP	long-short	1 to 3	70%	04/06/16
MFS+MPU	long-short	1 to 3	75%	04/06/16
MFS+MRG	long-short	3 to 2	75%	04/06/16
MFS+MUN	long-short	1 to 1	75%	08/26/16
MFS+MWL	long-short	1 to 1	85%	04/06/16
MFS+RF	long-short	1 to 2	80%	12/05/16
MFS+RG	long-short	1 to 2	75%	12/05/16
MFS+RV	long-short	1 to 2	80%	12/05/16
MFS+TF	long-short	1 to 2	60%	12/05/16
MFU+MGE	long-short	2 to 7	80%	08/26/16
MFU+MMN	long-short	2 to 5	75%	12/15/16
MFU+MMW	long-short	1 to 3	80%	06/30/14
MFU+MPP	long-short	2 to 7	80%	12/15/16
MFU+MPU	long-short	1 to 3	80%	09/22/16
MGE+MMW	long-short	5 to 4	70%	06/30/14
MGE+MPP	long-short	1 to 1	85%	12/15/16
MGE+MPU	long-short	1 to 1	80%	12/15/16
MLE+MME	long-short	3 to 4	70%	04/06/16
MME+MEU	long-short	1 to 2	65%	04/06/16
MME+MMW	long-short	3 to 4	65%	12/15/16
MME+MUN	long-short	2 to 1	65%	12/15/16
MME+MWL	long-short	5 to 3	65%	01/18/17
MME+RV	long-short	2 to 1	60%	12/15/16
MME+TF	long-short	2 to 1	40%	03/24/17
MMW+MPP	long-short	4 to 5	80%	08/26/16
MMW+MPU	long-short	1 to 1	80%	09/22/16
MMW+MRG	long-short	4 to 1	85%	06/30/14
MMW+MUN	long-short	5 to 2	85%	06/30/14
MMW+MWL	long-short	2 to 1	85%	06/30/14
MMW+RF	long-short	3 to 2	80%	12/05/16
MMW+RG	long-short	5 to 4	80%	12/05/16
MMW+RV	long-short	5 to 4	85%	12/05/16
MMW+TF	long-short	3 to 2	65%	12/05/16
MPP+MPU	long-short	1 to 1	85%	01/18/17
MRG+MUN	long-short	3 to 5	90%	06/30/14
MRG+MWL	long-short	4 to 7	85%	08/26/16
MRG+RF	long-short	3 to 8	85%	12/05/16
MRG+RG	long-short	3 to 10	90%	12/05/16

INDEXES

SPREAD	ACTION	RATIO	SAVINGS** PERCENTAGE	EFFECTIVE DATE
MRG+RV	long-short	2 to 3	80%	12/15/16
MRG+TF	long-short	3 to 8	70%	12/15/16
MUN+MWL	long-short	1 to 1	90%	06/30/14
MUN+RF	long-short	1 to 2	85%	12/05/16
MUN+RG	long-short	1 to 2	90%	12/05/16
MUN+RV	long-short	1 to 2	85%	12/15/16
MUN+TF	long-short	5 to 8	70%	12/15/16
MWL+RF	long-short	5 to 8	85%	12/05/16
MWL+RG	long-short	1 to 2	85%	12/05/16
MWL+RV	long-short	1 to 2	85%	12/05/16
MWL+TF	long-short	4 to 3	50%	12/15/16
HY5+IG5	long-short	1 to 5	60%	04/27/15
HY5+RF	long-short	3 to 2	50%	12/05/16
HY5+RG	long-short	2 to 1	55%	07/12/17
HY5+RV	long-short	2 to 1	60%	12/15/16
HY5+MAW	long-short	2 to 1	75%	04/25/16
HY5+MCU	long-short	2 to 1	75%	04/25/16
HY5+MFS	long-short	2 to 1	70%	04/14/16
HY5+MMW	long-short	1 to 1	75%	04/25/16
HY5+MRG	long-short	3 to 1	75%	04/25/16
HY5+MUN	long-short	2 to 1	75%	04/25/16
HY5+MWL	long-short	2 to 1	75%	04/25/16
HY5+TF	long-short	3 to 2	60%	12/15/16
IG5+MAW	long-short	13 to 1	75%	04/27/15
IG5+MCU	long-short	16 to 1	70%	04/27/15
IG5+MFS	long-short	16 to 1	70%	04/27/15
IG5+MMW	long-short	7 to 1	75%	04/27/15
IG5+MRG	long-short	20 to 1	70%	04/27/15
IG5+MUN	long-short	15 to 1	70%	04/27/15
IG5+MWL	long-short	12 to 1	75%	04/27/15
IG5+RF	long-short	17 to 2	70%	12/05/16
IG5+RG	long-short	13 to 2	70%	12/05/16
IG5+RV	long-short	13 to 2	70%	12/05/16

PRECIOUS METALS

SPREAD	ACTION	RATIO	SAVINGS** PERCENTAGE	EFFECTIVE DATE
YG+ZI	long-short	2 to 1	80%	06/30/14
YG+YI	long-short	2 to 5	80%	06/30/14
ZG+YI	long-short	2 to 15	80%	06/30/14
ZG+ZI	long-short	2 to 3	80%	06/30/14
ZG+AUD	long-short	1 to 1	75%	01/30/17
YG+AUD	long-short	3 to 1	75%	01/30/17

* long-long is the same as short-short

** Savings percentage is a reduction of original margins on both sides of the spread

** The following spread margins will be effective during the five days of trading prior to the expiration of the Cleared-Only Swap Contracts.

INTER-MARKET STRADDLES
ICE Futures U.S. Products vs. Other Exchange Products
All Margins in U.S. Dollars

Per Straddle/ Arbitrage* Transaction involving: (in order of priority)	ICE Futures U.S. Cocoa Vs. ICE Futures Europe Cocoa 1:1	ICE Futures U.S. Coffee Vs. ICE Futures Europe Coffee 1:2	ICE Futures U.S. Sugar #11 Vs. ICE Futures Europe White Sugar 1:1	EFFECTIVE DATE
Margin on ICE Futures U.S. side	650	1,200	350	7/20/2009

* MINIMUM ORIGINAL MARGIN for a customer who is a member of the ICE Futures U.S. or a member of the trade. ORIGINAL MARGINS for all other customers shall not be less than 110% of the above prescribed amounts.

MAINTENANCE MARGIN for all customers is equal to 100% of the above prescribed amounts.

** A current delivery month is one of the first two nearby delivery months.

SHORT OPTION MINIMUMS

Various Parameters used by SPAN to calculate margins

Commodity	Comm. Code	Implied Volatility Scan Range	Short Option Minimum	Initial to Maintenance Mark-up%	Currency	Product Group	Effective Date
Cocoa	CC	20%	19	110%	USD	Agricultural	11/14/13
Cotton	CT	20%	18	110%	USD	Agricultural	11/14/13
Coffee	KC	15%	8	110%	USD	Agricultural	02/20/14
Sugar	SB	15%	18	110%	USD	Agricultural	11/14/13
Orange Juice	OJ	20%	15	110%	USD	Agricultural	07/19/13
Corn	ICN	15%	13	110%	USD	Agricultural	05/14/12
Soybean	IS	20%	13	110%	USD	Agricultural	11/01/16
Soybean Meal	ISM	20%	10	110%	USD	Agricultural	07/12/17
Soybean Oil	IBO	15%	6	110%	USD	Agricultural	05/14/12
Wheat	IW	20%	13	110%	USD	Agricultural	07/12/17
US Dollar Index	DX	20%	10	110%	USD	Indices	11/14/13
Russell 1000 Index (Mini)	RF	24%	10	110%	USD	Indices	11/01/16
Russell 2000 Index (Mini)	TF	24%	10	110%	USD	Indices	11/01/16
Mini MSCI EAFE	MFS	24%	10	110%	USD	Indices	01/30/17
Mini MSCI EM	MME	24%	10	110%	USD	Indices	01/30/17

Questions related to the above information please contact Bruce Domash (312) 836-6709.