

Morning. The Goldman Roll starts Friday; they will move March positions forward.

	Corn	Bean	Chi. Wheat	Meal	Oil
FI Est. Managed Fut. Only	(42)	(67)	34	(53)	94
FI Est. Managed Money F&O	(46)	(63)	40	(55)	95

Prices as	2/5/20 8	3:26 AM									
CBOT Soybe	ans	Change	Volume	Soybean N	⁄leal	Change	Volume	Soybean	Oil	Change	Volume
MAR0	886.00	6.50	19691	MAR0	288.20	(0.30)	7690	MAR0	31.65	0.92	25482
MAY0	899.75	6.75	7823	MAY0	293.80	(0.20)	5385	MAY0	32.03	0.93	11093
JUL0	913.00	6.75	5400	JUL0	299.20	0.00	3770	JUL0	32.40	0.92	4522
AUG0	918.00	6.50	615	AUG0	301.00	(0.10)	534	AUG0	32.53	0.91	1133
SEP0	919.25	6.75	385	SEP0	302.30	(0.30)	720	SEP0	32.66	0.92	562
NOV0	925.25	7.00	2948	ОСТО	303.50	(0.10)	420	ОСТО	32.75	0.90	280
CBOT Corn		Change	Volume	Oats		Change	Volume	Chicago V	Vheat	Change	Volume
MAR0	382.75	0.50	11375	MAR0	307.25	(0.75)	51	MAR0	563.00	5.75	9203
MAY0	388.75	0.75	5876	MAY0	300.50	0.00	3	MAY0	559.75	5.25	3347
JUL0	393.25	0.50	5878	JUL0	291.75	0.00	0	JUL0	559.25	4.75	2379
SEP0	389.50	0.00	880	SEP0	273.00	0.00	0	SEP0	565.00	4.50	1378
DEC0	393.25	0.50	2371	DEC0	271.25	0.50	4	DEC0	573.25	4.00	762
MAR1	402.50	0.25	43	MAR1	270.75	0.00	0	MAR1	580.00	3.75	97
CBOT Black S	Sea Corn FO	B (Platts)	OI	ΟΙΔ		CBOT Bla	ack Sea V	Vheat FOE	(Platts)	OI	ΟΙ Δ
FEB0	184.00	0.00	600	0			FEB0	224.50		6,713	0
MAR0	186.75	0.25	420	0			MAR0	225.25		3,160	80
APR0	188.75	0.00	570	0			APR0	223.50		1,025	100
MAY0	190.75	(0.25)	1,340	0			MAY0	223.00		450	0
JUN0	191.25	0.25	0	0			JUN0	206.50		0	0
China	Month	Settle		London	Month	Price	Change		Month	Price	Change
Soybeans#1	MAR0	3,410	5	Wheat	NOV0	160.70	0	USD	Index	98.237	0.276
SoyMeal	MAY0	2,637	9	Matif				EUR/USD	Spot	1.1006	(0.004)
SoyOil	MAY0	6,126	78	Rapeseed	MAY0	394.75	3.00	USD/BRL	Bid	4.2405	(0.014)
Palm	MAY0	5,716	76	Corn	MAR0	167.75	(1.00)	BITCOIN	BTCc1	\$9,535	\$280
Corn	MAY0	1,922	(15)	Mill Whea	MAY0	191.75	2.00	WTI Crud	l MARO	50.86	1.250
Wheat	MAY0	2,682	(39)					Brent	APR0	55.34	1.380
				Malaysian	Palm			Nat Gas	MAR0	1.832	(0.040)
ICE				Futures	APR0	2,804	138	DJ Mini	MAR0	29033	244
Canola	MAR0	454.90	4.30	Cash	APR0	706.00	16.50	US 10-Yr	MAR0	130 17/32	- 12/32
				Soy/C	orn Ratio	X/Z 2020	2.3043			Source: Fl an	d Reuters

Weather

MARKET WEATHER MENTALITY FOR CORN AND SOYBEANS:

Weather continues supportive of crops in most of Brazil and Argentina. There is some concern over rainfall in Brazil delaying some of this year's soybean harvest, but the bottom line should not impact production for most areas. A few areas in Argentina may become too wet in the next few days after some heavy rain already occurred overnight.

Australia's summer crops will get some additional rainfall in this coming week and India crops will remain in good shape. China still has potential for improving rapeseed production potential once spring arrives due to recent

precipitation and improving soil moisture in parts of southeastern Europe into Kazakhstan may do to the same for those areas in the spring.

Southeast Asia weather will trend a little wetter in the coming week restoring favorable soil moisture to many Indonesian and Malaysian crop areas. Rain is needed most in parts of Peninsular Malaysia.

Overall, weather today is likely to contribute a bearish bias on market mentality.

MARKET WEATHER MENTALITY FOR WHEAT:

There is very little risk of crop threatening cold for small grain crops around the world. Cooling in the U.S. this week in the west-central and southwestern Plains will prove to be beneficial since recent temperatures were so very warm. No crop damage occurred in the west-central high Plains region this morning as temperatures dropped near and below zero Fahrenheit due to snow cover.

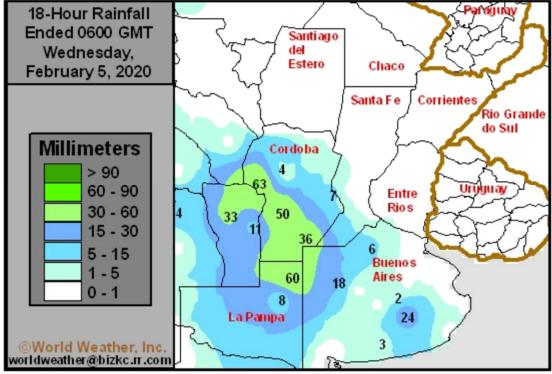
Improving precipitation in southeastern Europe and the southwestern grain areas of the Commonwealth of Independent states may improve production potentials in the spring. China's winter crops are still expected to improve in the early spring if there are a few timely rain events as temperatures trend warmer

India is still expecting a huge winter wheat crop and the only thing needed would be a few timely rain events this month and no extreme heat. Some of those conditions will be met in this coming week.

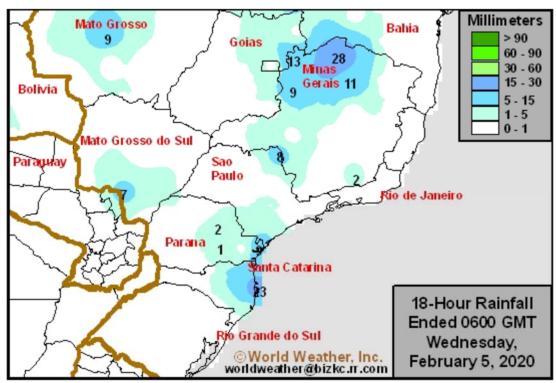
Rain in east-central Australia this week will be great enough to bolster topsoil moisture and possibly improve a few water reservoir levels, but much more rain will be needed before autumn planting begins in April. The recent weather trends have looked appealing with rain falling more frequently easing some of the dryness.

North Africa wheat is still a concern with southwestern Morocco production already expected to be down. Timely rain will be needed later this month and in March to support reproduction and filling throughout northern Africa. Early February will be dry and warm biased.

Overall, weather today will likely produce a mixed influence on market weather mentality. Source: World Weather Inc. and FI



Source: World Weather Inc. and FI



Source: World Weather Inc. and FI

Bloomberg Ag Calendar

WEDNESDAY, FEB. 5:

- Statcan Canada wheat, soybean, barley, canola and durum stocks, 8.30am
- EIA U.S. weekly ethanol inventories, production, 10:30am
- New Zealand ANZ Bank Commodity World Price

THURSDAY, FEB. 6:

- UN's FAO World Food Price Index, 4am
- USDA weekly crop net-export sales for corn, soybeans, wheat, 8:30am

FRIDAY, FEB. 7:

- ICE Futures Europe weekly commitments of traders report on coffee, cocoa, sugar positions ~1:30pm (~6:30pm London)
- CFTC commitments of traders weekly report on positions for various U.S. futures and options, 3:30pm
- Agricultural conference organized by consultancy IKAR, Moscow
- Guatemala Coffee Exports

Source: Bloomberg and FI

CBOT registrations

No changes

Top 15 most active options		Cumant	On an Interest
	TI 01-1 /01	Current	Open Interest
	TL Globex/Pit	Open	Change from
Option Strike	Volume	Interest	previous day
SH 870P	5,940	4,768	- 2,920
SH 900C	4,951	10,289	+ 1,512
CH 385C	3,201	12,800	+ 1,149
СН 380Р	2,798	21,958	- 17
CK 380P	2,770	10,139	+ 2,059
SH 910C	2,715	6,677	+ 287
CK 400C	1,997	17,017	- 589
CZ 360P	1,775	9,837	+ 1,721
CH 390C	1,759	32,371	- 115
WH 575C	1,756	2,865	+ 449
SH 930C	1,617	5,082	- 819
CN 400C	1,603	12,717	+ 773
SH 890C	1,567	5,960	+ 826
CK 410C	1,528	6,754	+ 627
SH 920C	1,519	10,656	+ 712
*Previous day preliminary data as of	2/5/2020		

Open Interest						
					Total Open	
CBOT Product			Prompt OI	Change	Interest*	Change
Soybeans	Sv1	Mar 20	342,722	(2,030)	859,711	6,970
Soy Oil	BOv1	Mar 20	170,895	(5,583)	527,129	467
Soy Meal	SMv1	Mar 20	201,566	(3,245)	499,322	2,112
Corn	Cv1	Mar 20	619,243	(4,566)	1,566,587	13,454
Oats	Oc1	Mar 20	3,469	35	5,448	60
CHI Wheat	Wv1	Mar 20	207,600	(187)	525,517	6,066
KC Wheat	KWv1	Mar 20	129,604	(3,494)	304,577	(1,869)
Rice	RRc2	May 20	1,661	111	12,739	(109)
					Total Open	
CME Product					Interest*	Change
Live Cattle	LCc2	Dec 17	143,679	(1,533)	343,521	(3,870)
Lean Hogs	LHc2	Dec 17	119,267	2,548	292,093	2,794
*Previous day prelimina	ry data as of	2/5/2020				

Statistics Canada's December 31 stocks						
		Average	Average		Statscan	
	Actual	estimate	Range	Actual less	Dec. 2019	YOY
	mIn tons	mIn tons	mIn tons	Estimate	mIn tons	
All wheat	24.982	24.6	23.8-25.4	0.4	24.541	0.4
Durum	4.516	4.2	3.9-4.3	0.3	5.358	(8.0)
Canola	14.271	14.4	13.7-15.2	(0.1)	14.588	(0.3)
Oats	2.671	2.700	2.5-2.8	(0.0)	2.406	0.3
Barley	5.959	6.300	5.8-7.5	(0.3)	4.943	1.0
Source: Stats Can,	Reuters, and FI					

Macros

- US ADP Employment Change Jan: 291K (exp 158K; prev 202K)
- US Trade Balance (USD) Dec: -48.9B (exp -48.2B; prev -43.1B)
- Canadian International Merchandise Trade (CAD) Dec: -0.37B (exp -0.61B; prev -1.09B)
- US December Crude Oil Exports Reached 3.669Mln BPD (prev 3.023Mln BPD) RTRS

Prices as	2/5/20 8:26 AM						
	Month	Month Price					
USD	Index	98.237	0.276				
EUR/USD	Spot	1.1006	(0.004)				
USD/BRL	Bid	4.2405	(0.014)				
BITCOIN	BTCc1	\$9,535	\$280				
WTI Crude	MAR0	50.86	1.250				
Brent	APR0	55.34	1.380				
Nat Gas	MAR0	1.832	(0.040)				
DJ Mini	MAR0	29033	244				
US 10-Yr	MAR0	130 17/32	- 12/32				
Gold	FEB0	1554.4	4.000				
Source: FI and Reuters							

Corn.

- Corn futures were moderately higher at the electronic pause. China plans to sell 2.96 million tons of corn from state reserves on February 7. This is an indicator China is short corn in selected areas.
- Open Interest in corn was up 13,454 contracts.
- Ukraine said the coronavirus problem in China may not impact grain shipments to that country. China imports a good amount of corn and sunflower oil from Ukraine. APK-Inform reported Ukraine corn exports to China were 208,000 tons during the week of January 25-31.
- WTO crude oil traded more than \$1.25 higher early Wednesday in part to reports that researchers in China and UK made breakthroughs on inhibiting the virus.
- Indonesia may import up to 200,000 tons of corn this year for use in animal feed.
- Pork product prices have weakened in China since the outbreak of the coronavirus, in part to lower consumption and China state reserve sales of frozen pork. Look for China to continue releasing pork out of reserves.
- African Swine Fever Shrinks Pork Production in China, Swells Demand for Imported Pork

- https://www.ers.usda.gov/amber-waves/2020/february/african-swine-fever-shrinks-pork-production-in-china-swells-demand-for-imported-pork/
- Brazil's ethanol consumption in 2019 hit a record 32.8 billion liters (8.6 billion gallons), up 10.5% from 2018, according to Unica. This consisted of hydrous ethanol of 22.5 billion liters, up 16.3%, and anhydrous ethanol 10.3 billion liters.
- A Bloomberg poll looks for weekly US ethanol production to be unchanged at 1.029 million barrels from the previous week and stocks to decrease 249,000 barrels to 23.995 million.

Export Developments

• China plans to sell 2.96 million tons of corn from state reserves on February 7.

US Weekly Petroleum Status Report - Ethanol

	Ethanol Produ	ction	Cha	nge		Ethanol S	tocks	Cha	nge	Days of
	FI Production Est.	Mbbl	Last Week	Last Year	FI	Stocks Est.	Mbbl	Last Week	Last Year	Ethanol
12/13/2019		1064	-8	1.7%			21,798	-17	-8.7%	20.5
12/20/2019		1083	19	3.9%			21,469	-329	-7.2%	20.1
12/27/2019		1066	-17	5.4%			21,034	-435	-9.2%	20.1
1/3/2020		1062	-4	6.2%			22,462	1428	-3.4%	19.8
1/10/2020		1095	33	4.2%			23,006	544	-1.5%	20.5
1/17/2020		1049	-46	1.7%			24,031	1025	2.3%	21.9
1/24/2020		1029	-20	1.7%			24,244	213	1.1%	23.4
1/31/2020	+11					+100				

Source: EIA and FI

Soybean complex.

- CBOT soybean oil was up little more than 90 points at the electronic pause, which is supporting soybeans. A five percent increase in Malaysian palm oil futures and higher China vegetable oil prices spilled over into SBO futures. Meal was unchanged to slightly lower.
- China continues to buy soybeans despite the coronavirus epidemic. We heard they bought at least 10 cargos of SA soybeans earlier this week.
- China announced they plan to diversify import channels for meat and other agriculture products.
- After seeing rain across the heart of the southern growing areas, Argentina rain will continue today across Cordoba, eastern La Pampa, Santa Fe, and Buenos Aires, lasting through Feb. 7. Rainfall will range from 1.00 to 3.00 inches.
- Open Interest in soybeans was up 6,970 contracts.
- The US\$ is higher and the € is lower. The Brazilian Real was higher-last 4.2456.
- Yesterday a White House adviser said the China coronavirus would delays a surge in US exports to China expected from the Phase 1 trade deal.
- Reportedly the US Department of Commerce said they will make no changes to the current antidumping duties on biodiesel imports from Argentina. This is response to a September inquiry from the US Court of International Trade. https://www.commerce.gov/tags/argentina
- Offshore values are leading CBOT soybean oil 27 points higher and meal \$1.10 lower.
- Rotterdam vegetable oils this morning were up 14 euros for nearby soybean oil positions and 8 euros higher for rapeseed oil. Rotterdam meal when imported from SA were down 2-10 euros.
- China:

MAY0	Settle	Chg.	%
Soybeans 2	3047	25	0.8%
Meal	2637	9	0.3%
SBO	6126	78	1.3%
Palm Oil	5716	76	1.3%
Rape Oil	7328	90	1.2%

Source: FI and Reuters No. 2 is GMO

- China cash crush margins as of today, using our calculation, was 130 cents per bushel (120 previous), compared to 84 cents more than a week ago and 48 cents around this time last year.
- Malaysian palm oil increased 5% on trade estimates for end of January stocks to decrease 41 percent from the previous year.
- Malaysian palm markets:

MALAYSIA PALM OI	L	2/5/2020	Previous		
Futures MYR/MT	APR0	2804	2668	+136 \$681	5.1%
RBD Olien Cash USE	0/M ⁻ Apr20	\$706.00	\$679.50	+26.50 3.9%	

Malaysian	Malaysian MPOB palm S&D Reuters Poll (volumes in tonnes)						
	Jan. 2020 poll	Range	Dec-19	Nov-19	Jan-19	Poll YOY	
Output	1,213,853	1,125,000 - 1,267,200	1,333,904	1,538,053	1,737,498	-30.1%	
Stocks	1,760,000	1,610,000 - 1,840,000	2,007,124	2,255,035	3,001,169	-41.4%	
Exports	1,282,000	1,220,000 - 1,410,000	1,396,157	1,405,638	1,676,442	-23.5%	
Imports	80,000	45,000 - 123,000	123,029	74,684	81,084	-1.3%	
Source: Ruetei	Source: Rueters and Fl						

Due out 1/10

Oilseeds Export Developments

• China bought at least 10 cargos from SA earlier this week.

Wheat

- US wheat futures are sharply higher following EU wheat and higher outside commodity markets. A higher USD may limit gains.
- Goldman Roll starts Friday.
- March Paris wheat futures were up 2.75 at 193.50 euros as of early this morning.

Statistics Canada's December 31 stocks						
	Dec-17	Dec-18	Dec-19	Dec 2017-2018	Dec 2018-2019	
	000 tons	000 tons	000 tons	% change	% change	
Total wheat	24236	25109	24982	0.4%	-0.1%	
Durum wheat	4781	5478	4516	1.5%	-1.8%	
Wheat ex durur	19454	19631	20467	0.1%	0.4%	
Barley	6033	4943	5959	-1.8%	2.1%	
Canola	13938	14618	14271	0.5%	-0.2%	
Corn for grain	12420	11628	10686	-0.6%	-0.8%	
Dry field peas	2823	2550	2632	-1.0%	0.3%	
Flaxseed	521	410	380	-2.1%	-0.7%	
Lentils	2111	2116	1801	0.0%	-1.5%	
Oats	2883	2406	2671	-1.7%	1.1%	
Rye	335	169	187	-5.0%	1.1%	
Soybeans	4365	4277	3874	-0.2%	-0.9%	
Source: StatsCan, Reuters, and FI						

C	StatsCan	Daniel and	and the
Source:	Statst an	Reliters	andel

Paris Whe	at	Change	Volume	Chicago	Wheat	Change	Volume
MAR0	193.50	2.75	14484	MAR0	563.00	5.75	9203
MAY0	191.75	2.00	12273	MAY0	559.75	5.25	3347
SEP0	184.50	1.50	4327	JUL0	559.25	4.75	2379
Black Sea	Wheat			OI			
MAR0	225.25	5		316	0		
Source: R	euters and	FI	8:26 AN	1 CT			

Export Developments.

- Japan in an SBS import tender seeks 120,000 tons of feed wheat and 200,000 tons of feed barley for arrival in Japan by July 30, on Feb. 12.
- Japan seeks 117,895 tons of milling wheat on Thursday.

Japan food wheat import details are via Bloomberg as follows (in tons):							
COUNTRY	TYPE	QUANTITY					
U.S.	Dark Northern Spring	34,090 *					
Canada	Western Red Spring	24,580 *					
Australia	Standard White	24,810 *					
U.S.	Hard Red Winter	23,290 *					
U.S.	Western White	11,125 *					
Source: Japan AgMin, Reuters and FI							

Syria seeks 200,000 tons of wheat from Russia on February 17 for shipment within 60 days of contract signing.

Rice/Other

- Result awaited: Mauritius seeks up to 6,000 tons of long grain white rice on Feb. 3, optional origin, for delivery between May 1 and July 31.
- Result awaited: South Korea seeks 77,778 tons of non-glutinous brown rice for arrival between March and May, on Jan. 30. Details of the tender are as follows:

TONNES(M/T) GRAIN TYPE ORIGIN ARRIVAL/PORT

20,000 Brown Short China March 15-31/Gunsan

20,000 Brown Short China April 30/Masan

15,556 Brown Short China May 31/Donghae

22,222 Brown Medium U.S. May 31/Incheon

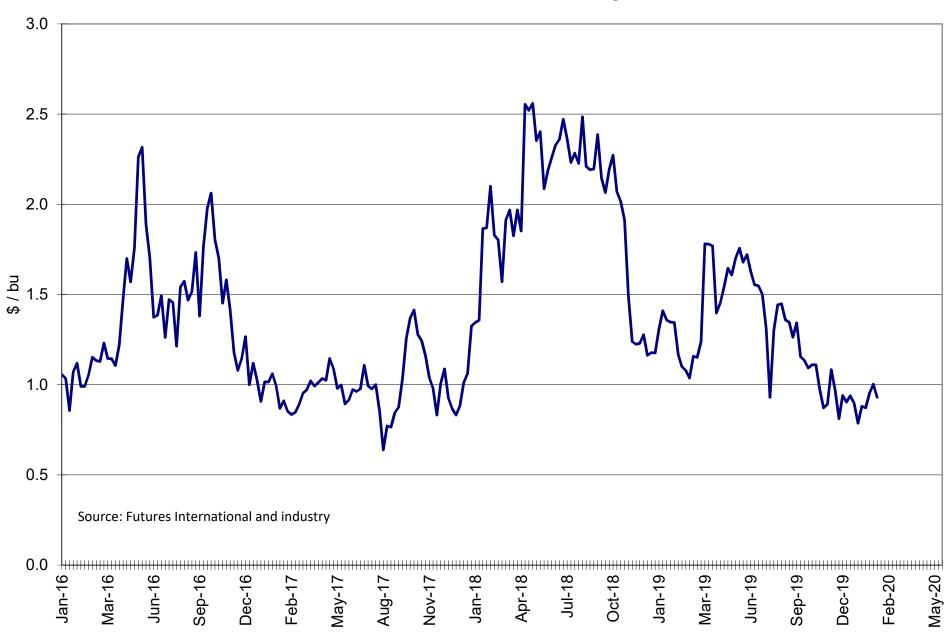
CASH CRUSHING MARGINS

as of 2/4

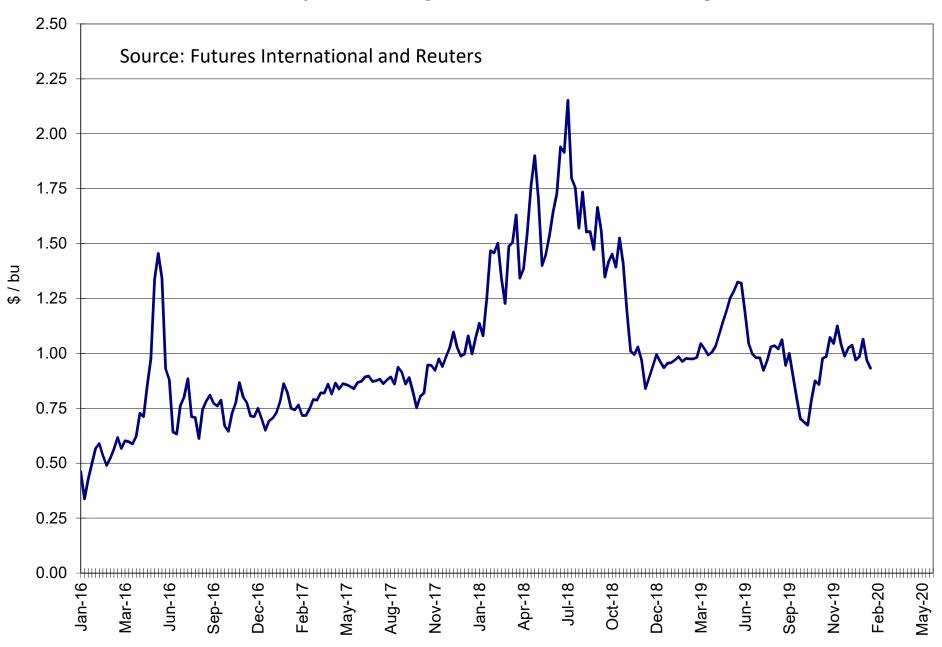
Decatur Mt. Vereno Sidney Des Moines Council Bluff Indiana Ohio Iowa				•		
Meal Basis 48% -22 -5 -24 -35 -35 -35 Oil Basis (cents/lb) 0.25 -0.25 0.50 0.00 -0.25 Bean Basis (cents/bu) 8 20 20 -30 -30 -30 Meal Value (\$/bu) 6.27 6.67 6.22 5.96 5.96 5.96 Oil Value (\$/bu) 3.54 3.5				-		Council Bluff
Oil Basis (cents/lb) 0.25 -0.25 0.50 0.00 -0.25 Bean Basis (cents/bu) 8 20 20 -30 -30 Meal Value (S/bu) 6.27 6.67 6.22 5.96 5.96 Oil Value (S/bu) 3.54 3.54 3.54 3.51 3.704 Cash Crush (S/bu) 0.93 1.21 0.76 1.00 0.98 2/4/2020 0.93 1.21 0.76 1.00 0.98 1/28/2020 1.00 1.37 0.96 1.12 1.09 1/21/2020 0.87 1.33 1.00 0.85 0.87 1/14/2020 0.87 1.33 1.01 0.98 1.00 1/2/3/2019 0.79 1.26 0.96 1.03 1.04 1/2/1/2019 0.90 1.35 1.00 1.07 1.08 1/2/1/2019 0.94 1.43 1.08 1.24 1.26 1/2/1/2019 0.90 1.39 0.97 1.26						
Bean Basis (cents/bu)						-35
Meal Value (\$/bu) 6.27 6.67 6.22 5.96 5.96 Oil Value (\$/bu) 3.54 3.54 3.54 3.54 3.54 3.51 Oil % of Total Value 36.08 34.66 36.25 37.23 37.04 Cash Crush (\$/bu) 0.93 1.21 0.76 1.00 0.98 2/4/2020 0.93 1.21 0.76 1.00 0.98 1/28/2020 1.00 1.37 0.96 1.12 1.09 1/21/2020 0.95 1.37 1.03 1.07 1.15 1/14/2020 0.87 1.33 1.00 0.85 0.87 1/7/2020 0.88 1.33 1.01 0.98 1.00 12/31/2019 0.79 1.26 0.96 1.03 1.04 12/17/2019 0.90 1.35 1.00 1.07 1.08 12/17/2019 0.94 1.43 1.08 1.24 1.26 12/17/2019 0.94 1.44 1.03						
Oil Value (S/bu) 3.54 3.54 3.54 3.54 3.51 Oil % of Total Value 36.08 34.66 36.25 37.23 37.04 Cash Crush (S/bu) 0.93 1.21 0.76 1.00 0.98 2/4/2020 1.00 1.37 0.96 1.12 1.09 1/24/2020 1.00 1.37 0.96 1.12 1.09 1/14/2020 0.87 1.33 1.00 0.85 0.87 1/7/2020 0.88 1.33 1.01 0.98 1.00 1/2/31/2019 0.79 1.26 0.96 1.03 1.04 12/24/2019 0.90 1.35 1.00 1.07 1.08 12/17/2019 0.94 1.43 1.08 1.24 1.26 12/3/2019 0.99 1.39 0.97 1.26 1.25 12/3/2019 0.94 1.44 1.03 1.30 1.34 11/26/2019 0.81 1.32 0.91 1.17 1.	, , ,					
Oil % of Total Value 36.08 34.66 36.25 37.23 37.04 Cash Crush (\$/bu) 0.93 1.21 0.76 1.00 0.98 2/4/2020 1.00 1.37 0.96 1.12 1.09 1/28/2020 1.00 1.37 0.96 1.12 1.09 1/21/2020 0.95 1.37 1.03 1.07 1.15 1/4/2020 0.88 1.33 1.00 0.85 0.87 1/7/2020 0.88 1.33 1.01 0.98 1.00 1/2/3/2019 0.79 1.26 0.96 1.03 1.04 1/2/4/2019 0.90 1.35 1.00 1.07 1.08 1/2/17/2019 0.94 1.43 1.08 1.24 1.26 1/2/3/2019 0.99 1.39 0.97 1.26 1.25 1/2/3/2019 0.94 1.44 1.03 1.30 1.34 1/1/2/2019 0.81 1.36 1.11 1.30 1.42 <td>Meal Value (\$/bu)</td> <td>6.27</td> <td>6.67</td> <td>6.22</td> <td>5.96</td> <td>5.96</td>	Meal Value (\$/bu)	6.27	6.67	6.22	5.96	5.96
Cash Crush (S/bu) 0.93 1.21 0.76 1.00 0.98 2/4/2020 0.93 1.21 0.76 1.00 0.98 1/28/2020 1.00 1.37 0.96 1.12 1.09 1/21/2020 0.95 1.37 1.03 1.07 1.15 1/14/2020 0.87 1.33 1.00 0.85 0.87 1/7/2020 0.88 1.33 1.01 0.98 1.00 12/31/2019 0.79 1.26 0.96 1.03 1.04 12/24/2019 0.90 1.35 1.00 1.07 1.08 12/17/2019 0.94 1.43 1.08 1.24 1.26 12/19/2019 0.94 1.44 1.03 1.30 1.34 11/26/2019 0.81 1.32 0.91 1.17 1.12 11/19/2019 0.97 1.25 0.96 1.21 1.18 11/12/2019 0.89 1.28 0.99 1.03 1.18		3.54	3.54	3.54	3.54	3.51
2/4/2020 0.93 1.21 0.76 1.00 0.98 1/28/2020 1.00 1.37 0.96 1.12 1.09 1/21/2020 0.95 1.37 1.03 1.07 1.15 1/1/2020 0.87 1.33 1.00 0.85 0.87 1/7/2020 0.88 1.33 1.01 0.98 1.00 12/31/2019 0.79 1.26 0.96 1.03 1.04 12/14/2019 0.90 1.35 1.00 1.07 1.08 12/17/2019 0.94 1.43 1.08 1.24 1.26 12/19/2019 0.90 1.39 0.97 1.26 1.25 12/3/2019 0.94 1.44 1.03 1.30 1.34 11/26/2019 0.81 1.32 0.91 1.17 1.12 11/19/2019 0.97 1.25 0.96 1.21 1.18 11/12/2019 0.89 1.28 0.99 1.03 1.18	Oil % of Total Value	36.08	34.66	36.25		37.04
1/28/2020 1.00 1.37 0.96 1.12 1.09 1/21/2020 0.95 1.37 1.03 1.07 1.15 1/14/2020 0.87 1.33 1.00 0.85 0.87 1/7/2020 0.88 1.33 1.01 0.98 1.00 12/31/2019 0.79 1.26 0.96 1.03 1.04 12/24/2019 0.90 1.35 1.00 1.07 1.08 12/17/2019 0.94 1.43 1.08 1.24 1.26 12/19/2019 0.90 1.39 0.97 1.26 1.25 12/3/2019 0.94 1.44 1.03 1.30 1.34 11/26/2019 0.81 1.32 0.91 1.17 1.12 11/19/2019 0.81 1.32 0.91 1.17 1.12 11/19/2019 1.08 1.36 1.11 1.30 1.42 11/15/2019 0.89 1.28 0.99 1.03 1.18	Cash Crush (\$/bu)	0.93	1.21	0.76	1.00	0.98
1/28/2020 1.00 1.37 0.96 1.12 1.09 1/21/2020 0.95 1.37 1.03 1.07 1.15 1/14/2020 0.87 1.33 1.00 0.85 0.87 1/7/2020 0.88 1.33 1.01 0.98 1.00 12/31/2019 0.79 1.26 0.96 1.03 1.04 12/24/2019 0.90 1.35 1.00 1.07 1.08 12/17/2019 0.94 1.43 1.08 1.24 1.26 12/19/2019 0.90 1.39 0.97 1.26 1.25 12/3/2019 0.94 1.44 1.03 1.30 1.34 11/26/2019 0.81 1.32 0.91 1.17 1.12 11/19/2019 0.81 1.32 0.91 1.17 1.12 11/19/2019 1.08 1.36 1.11 1.30 1.42 11/15/2019 0.89 1.28 0.99 1.03 1.18				•		
1/28/2020 1.00 1.37 0.96 1.12 1.09 1/21/2020 0.95 1.37 1.03 1.07 1.15 1/14/2020 0.87 1.33 1.00 0.85 0.87 1/7/2020 0.88 1.33 1.01 0.98 1.00 12/31/2019 0.79 1.26 0.96 1.03 1.04 12/24/2019 0.90 1.35 1.00 1.07 1.08 12/17/2019 0.94 1.43 1.08 1.24 1.26 12/19/2019 0.90 1.39 0.97 1.26 1.25 12/3/2019 0.94 1.44 1.03 1.30 1.34 11/26/2019 0.81 1.32 0.91 1.17 1.12 11/19/2019 0.81 1.32 0.91 1.17 1.12 11/19/2019 1.08 1.36 1.11 1.30 1.42 11/15/2019 0.89 1.28 0.99 1.03 1.18						
1/21/2020 0.95 1.37 1.03 1.07 1.15 1/14/2020 0.87 1.33 1.00 0.85 0.87 1/7/2020 0.88 1.33 1.01 0.98 1.00 12/31/2019 0.79 1.26 0.96 1.03 1.04 12/24/2019 0.90 1.35 1.00 1.07 1.08 12/17/2019 0.94 1.43 1.08 1.24 1.26 12/3/2019 0.94 1.43 1.08 1.24 1.26 12/3/2019 0.94 1.44 1.03 1.30 1.34 11/26/2019 0.81 1.32 0.91 1.17 1.12 11/19/2019 0.97 1.25 0.96 1.21 1.18 11/12/2019 1.08 1.36 1.11 1.30 1.42 11/2/2019 0.87 1.28 0.99 1.03 1.18 10/22/2019 0.87 1.28 1.09 1.02 1.11	2/4/2020	0.93	1.21	0.76	1.00	0.98
1/14/2020 0.87 1.33 1.00 0.85 0.87 1/7/2020 0.88 1.33 1.01 0.98 1.00 12/31/2019 0.79 1.26 0.96 1.03 1.04 12/24/2019 0.90 1.35 1.00 1.07 1.08 12/17/2019 0.94 1.43 1.08 1.24 1.26 12/19/2019 0.90 1.39 0.97 1.26 1.25 12/3/2019 0.94 1.44 1.03 1.30 1.34 11/12/2019 0.81 1.32 0.91 1.17 1.12 11/19/2019 0.81 1.32 0.91 1.17 1.12 11/12/2019 1.08 1.36 1.11 1.30 1.42 11/15/2019 0.89 1.28 0.99 1.03 1.18 10/29/2019 0.87 1.28 1.09 1.02 1.12 10/29/2019 0.87 1.28 1.09 1.02 1.12 <tr< td=""><td>1/28/2020</td><td>1.00</td><td>1.37</td><td>0.96</td><td>1.12</td><td>1.09</td></tr<>	1/28/2020	1.00	1.37	0.96	1.12	1.09
1/7/2020 0.88 1.33 1.01 0.98 1.00 12/31/2019 0.79 1.26 0.96 1.03 1.04 12/24/2019 0.90 1.35 1.00 1.07 1.08 12/17/2019 0.94 1.43 1.08 1.24 1.26 12/10/2019 0.90 1.39 0.97 1.26 1.25 12/3/2019 0.94 1.44 1.03 1.30 1.34 11/26/2019 0.81 1.32 0.91 1.17 1.12 11/19/2019 0.97 1.25 0.96 1.21 1.18 11/12/2019 1.08 1.36 1.11 1.30 1.42 11/15/2019 0.89 1.28 0.99 1.03 1.18 10/29/2019 0.87 1.28 1.09 1.02 1.12 10/22/2019 0.97 1.40 1.17 1.14 1.26 10/12/2019 1.11 1.48 1.16 1.24 1.31 <t< td=""><td>1/21/2020</td><td>0.95</td><td>1.37</td><td>1.03</td><td>1.07</td><td>1.15</td></t<>	1/21/2020	0.95	1.37	1.03	1.07	1.15
12/31/2019 0.79 1.26 0.96 1.03 1.04 12/24/2019 0.90 1.35 1.00 1.07 1.08 12/17/2019 0.94 1.43 1.08 1.24 1.26 12/10/2019 0.90 1.39 0.97 1.26 1.25 12/3/2019 0.94 1.44 1.03 1.30 1.34 11/26/2019 0.81 1.32 0.91 1.17 1.12 11/19/2019 0.97 1.25 0.96 1.21 1.18 11/12/2019 1.08 1.36 1.11 1.30 1.42 11/5/2019 0.89 1.28 0.99 1.03 1.18 10/29/2019 0.87 1.28 1.09 1.02 1.12 10/22/2019 0.97 1.40 1.17 1.14 1.26 10/14/2019 1.11 1.48 1.16 1.24 1.31 10/8/2019 1.21 1.48 1.16 1.24 1.31 <t< td=""><td>1/14/2020</td><td>0.87</td><td>1.33</td><td>1.00</td><td>0.85</td><td>0.87</td></t<>	1/14/2020	0.87	1.33	1.00	0.85	0.87
12/24/2019 0.90 1.35 1.00 1.07 1.08 12/17/2019 0.94 1.43 1.08 1.24 1.26 12/10/2019 0.90 1.39 0.97 1.26 1.25 12/3/2019 0.94 1.44 1.03 1.30 1.34 11/26/2019 0.81 1.32 0.91 1.17 1.12 11/19/2019 0.97 1.25 0.96 1.21 1.18 11/12/2019 1.08 1.36 1.11 1.30 1.42 11/5/2019 0.89 1.28 0.99 1.03 1.18 10/22/2019 0.87 1.28 1.09 1.02 1.12 10/22/2019 0.87 1.28 1.09 1.02 1.12 10/22/2019 0.97 1.40 1.17 1.14 1.26 10/1/2019 1.11 1.48 1.16 1.24 1.31 10/8/2019 1.11 1.48 1.16 1.24 1.31 <tr< td=""><td>1/7/2020</td><td>0.88</td><td>1.33</td><td>1.01</td><td>0.98</td><td>1.00</td></tr<>	1/7/2020	0.88	1.33	1.01	0.98	1.00
12/17/2019 0.94 1.43 1.08 1.24 1.26 12/10/2019 0.90 1.39 0.97 1.26 1.25 12/3/2019 0.94 1.44 1.03 1.30 1.34 11/26/2019 0.81 1.32 0.91 1.17 1.12 11/19/2019 0.97 1.25 0.96 1.21 1.18 11/12/2019 1.08 1.36 1.11 1.30 1.42 11/5/2019 0.89 1.28 0.99 1.03 1.18 10/29/2019 0.87 1.28 1.09 1.02 1.12 10/22/2019 0.97 1.40 1.17 1.14 1.26 10/14/2019 1.11 1.48 1.16 1.24 1.31 10/8/2019 1.11 1.48 1.16 1.24 1.31 10/1/2019 1.09 1.48 1.16 1.25 1.22 9/24/2019 1.13 1.45 1.20 1.29 1.31	12/31/2019	0.79	1.26	0.96	1.03	1.04
12/10/2019 0.90 1.39 0.97 1.26 1.25 12/3/2019 0.94 1.44 1.03 1.30 1.34 11/26/2019 0.81 1.32 0.91 1.17 1.12 11/19/2019 0.97 1.25 0.96 1.21 1.18 11/12/2019 1.08 1.36 1.11 1.30 1.42 11/5/2019 0.89 1.28 0.99 1.03 1.18 10/29/2019 0.87 1.28 1.09 1.02 1.12 10/29/2019 0.87 1.28 1.09 1.02 1.12 10/22/2019 0.97 1.40 1.17 1.14 1.26 10/14/2019 1.11 1.48 1.16 1.24 1.31 10/8/2019 1.09 1.48 1.16 1.24 1.31 10/1/2019 1.09 1.48 1.16 1.25 1.22 9/24/2019 1.13 1.45 1.20 1.29 1.31	12/24/2019	0.90	1.35	1.00	1.07	1.08
12/3/2019 0.94 1.44 1.03 1.30 1.34 11/26/2019 0.81 1.32 0.91 1.17 1.12 11/19/2019 0.97 1.25 0.96 1.21 1.18 11/12/2019 1.08 1.36 1.11 1.30 1.42 11/5/2019 0.89 1.28 0.99 1.03 1.18 10/29/2019 0.87 1.28 1.09 1.02 1.12 10/22/2019 0.97 1.40 1.17 1.14 1.26 10/14/2019 1.11 1.48 1.16 1.24 1.31 10/8/2019 1.11 1.48 1.16 1.24 1.31 10/1/2019 1.09 1.48 1.16 1.25 1.22 9/24/2019 1.13 1.45 1.20 1.29 1.31 9/17/2019 1.15 1.55 1.20 1.46 1.48 9/3/2019 1.26 1.57 1.21 1.23 1.38 8/27/2019 1.36 1.75 1.28 1.26 1.37	12/17/2019	0.94	1.43	1.08	1.24	1.26
11/26/2019 0.81 1.32 0.91 1.17 1.12 11/19/2019 0.97 1.25 0.96 1.21 1.18 11/12/2019 1.08 1.36 1.11 1.30 1.42 11/5/2019 0.89 1.28 0.99 1.03 1.18 10/29/2019 0.87 1.28 1.09 1.02 1.12 10/22/2019 0.97 1.40 1.17 1.14 1.26 10/14/2019 1.11 1.48 1.16 1.24 1.31 10/8/2019 1.11 1.48 1.16 1.24 1.31 10/1/2019 1.09 1.48 1.16 1.24 1.31 10/1/2019 1.09 1.48 1.16 1.25 1.22 9/24/2019 1.13 1.45 1.20 1.29 1.31 9/17/2019 1.15 1.55 1.20 1.46 1.48 9/10/2019 1.34 1.69 1.29 1.46 1.48 9/3/2019 1.26 1.57 1.21 1.23 1.38	12/10/2019	0.90	1.39	0.97	1.26	1.25
11/19/2019 0.97 1.25 0.96 1.21 1.18 11/12/2019 1.08 1.36 1.11 1.30 1.42 11/5/2019 0.89 1.28 0.99 1.03 1.18 10/29/2019 0.87 1.28 1.09 1.02 1.12 10/22/2019 0.97 1.40 1.17 1.14 1.26 10/14/2019 1.11 1.48 1.16 1.24 1.31 10/8/2019 1.11 1.48 1.16 1.24 1.31 10/1/2019 1.09 1.48 1.16 1.25 1.22 9/24/2019 1.13 1.45 1.20 1.29 1.31 9/17/2019 1.15 1.55 1.20 1.46 1.48 9/10/2019 1.34 1.69 1.29 1.46 1.48 9/3/2019 1.26 1.57 1.21 1.23 1.38 8/27/2019 1.35 1.70 1.24 1.27 1.34 8/20/2019 1.36 1.75 1.28 1.26 1.37	12/3/2019	0.94	1.44	1.03	1.30	1.34
11/12/2019 1.08 1.36 1.11 1.30 1.42 11/5/2019 0.89 1.28 0.99 1.03 1.18 10/29/2019 0.87 1.28 1.09 1.02 1.12 10/22/2019 0.97 1.40 1.17 1.14 1.26 10/14/2019 1.11 1.48 1.16 1.24 1.31 10/8/2019 1.11 1.48 1.16 1.24 1.31 10/1/2019 1.09 1.48 1.16 1.25 1.22 9/24/2019 1.13 1.45 1.20 1.29 1.31 9/17/2019 1.15 1.55 1.20 1.46 1.48 9/10/2019 1.34 1.69 1.29 1.46 1.48 9/3/2019 1.26 1.57 1.21 1.23 1.38 8/27/2019 1.35 1.70 1.24 1.27 1.34 8/20/2019 1.36 1.75 1.28 1.26 1.37 8/13/2019 1.45 1.77 1.29 1.33 1.41	11/26/2019	0.81	1.32	0.91	1.17	1.12
11/5/2019 0.89 1.28 0.99 1.03 1.18 10/29/2019 0.87 1.28 1.09 1.02 1.12 10/22/2019 0.97 1.40 1.17 1.14 1.26 10/14/2019 1.11 1.48 1.16 1.24 1.31 10/8/2019 1.11 1.48 1.16 1.24 1.31 10/1/2019 1.09 1.48 1.16 1.25 1.22 9/24/2019 1.13 1.45 1.20 1.29 1.31 9/17/2019 1.15 1.55 1.20 1.46 1.48 9/10/2019 1.34 1.69 1.29 1.46 1.48 9/3/2019 1.26 1.57 1.21 1.23 1.38 8/27/2019 1.35 1.70 1.24 1.27 1.34 8/20/2019 1.36 1.75 1.28 1.26 1.37 8/13/2019 1.45 1.77 1.29 1.33 1.41 8/6/2019 1.44 1.69 1.36 1.38 1.46 <t< td=""><td>11/19/2019</td><td>0.97</td><td>1.25</td><td>0.96</td><td>1.21</td><td>1.18</td></t<>	11/19/2019	0.97	1.25	0.96	1.21	1.18
10/29/2019 0.87 1.28 1.09 1.02 1.12 10/22/2019 0.97 1.40 1.17 1.14 1.26 10/14/2019 1.11 1.48 1.16 1.24 1.31 10/8/2019 1.11 1.48 1.16 1.24 1.31 10/1/2019 1.09 1.48 1.16 1.25 1.22 9/24/2019 1.13 1.45 1.20 1.29 1.31 9/17/2019 1.15 1.55 1.20 1.46 1.48 9/10/2019 1.34 1.69 1.29 1.46 1.48 9/3/2019 1.26 1.57 1.21 1.23 1.38 8/27/2019 1.35 1.70 1.24 1.27 1.34 8/20/2019 1.36 1.75 1.28 1.26 1.37 8/13/2019 1.45 1.77 1.29 1.33 1.41 8/6/2019 1.44 1.69 1.36 1.38 1.46 7/30/2019 1.30 1.45 1.25 1.24 1.30 <t< td=""><td>11/12/2019</td><td>1.08</td><td>1.36</td><td>1.11</td><td>1.30</td><td>1.42</td></t<>	11/12/2019	1.08	1.36	1.11	1.30	1.42
10/22/2019 0.97 1.40 1.17 1.14 1.26 10/14/2019 1.11 1.48 1.16 1.24 1.31 10/8/2019 1.11 1.48 1.16 1.24 1.31 10/1/2019 1.09 1.48 1.16 1.25 1.22 9/24/2019 1.13 1.45 1.20 1.29 1.31 9/17/2019 1.15 1.55 1.20 1.46 1.48 9/10/2019 1.34 1.69 1.29 1.46 1.48 9/3/2019 1.26 1.57 1.21 1.23 1.38 8/27/2019 1.35 1.70 1.24 1.27 1.34 8/20/2019 1.36 1.75 1.28 1.26 1.37 8/13/2019 1.45 1.77 1.29 1.33 1.41 8/6/2019 1.44 1.69 1.36 1.38 1.46 7/30/2019 1.30 1.45 1.25 1.24 1.30 7/23/2019 0.93 1.21 0.76 1.00 0.98 <td< td=""><td>11/5/2019</td><td>0.89</td><td>1.28</td><td>0.99</td><td>1.03</td><td>1.18</td></td<>	11/5/2019	0.89	1.28	0.99	1.03	1.18
10/14/2019 1.11 1.48 1.16 1.24 1.31 10/8/2019 1.11 1.48 1.16 1.24 1.31 10/1/2019 1.09 1.48 1.16 1.25 1.22 9/24/2019 1.13 1.45 1.20 1.29 1.31 9/17/2019 1.15 1.55 1.20 1.46 1.48 9/10/2019 1.34 1.69 1.29 1.46 1.48 9/3/2019 1.26 1.57 1.21 1.23 1.38 8/27/2019 1.35 1.70 1.24 1.27 1.34 8/20/2019 1.36 1.75 1.28 1.26 1.37 8/13/2019 1.45 1.77 1.29 1.33 1.41 8/6/2019 1.44 1.69 1.36 1.38 1.46 7/33/2019 1.30 1.45 1.25 1.24 1.30 7/23/2019 1.31 1.50 1.28 1.23 1.35 7/9/2019 1.50 1.66 1.48 1.40 1.57 7	10/29/2019	0.87	1.28	1.09	1.02	1.12
10/8/2019 1.11 1.48 1.16 1.24 1.31 10/1/2019 1.09 1.48 1.16 1.25 1.22 9/24/2019 1.13 1.45 1.20 1.29 1.31 9/17/2019 1.15 1.55 1.20 1.46 1.48 9/10/2019 1.34 1.69 1.29 1.46 1.48 9/3/2019 1.26 1.57 1.21 1.23 1.38 8/27/2019 1.35 1.70 1.24 1.27 1.34 8/20/2019 1.36 1.75 1.28 1.26 1.37 8/13/2019 1.45 1.77 1.29 1.33 1.41 8/6/2019 1.44 1.69 1.36 1.38 1.46 7/30/2019 1.30 1.45 1.25 1.24 1.30 7/23/2019 0.93 1.21 0.76 1.00 0.98 7/16/2019 1.50 1.66 1.48 1.40 1.57 7/2/2019 1.55 1.61 1.63 1.67 1.74 6/	10/22/2019	0.97	1.40	1.17	1.14	1.26
10/1/2019 1.09 1.48 1.16 1.25 1.22 9/24/2019 1.13 1.45 1.20 1.29 1.31 9/17/2019 1.15 1.55 1.20 1.46 1.48 9/10/2019 1.34 1.69 1.29 1.46 1.48 9/3/2019 1.26 1.57 1.21 1.23 1.38 8/27/2019 1.35 1.70 1.24 1.27 1.34 8/20/2019 1.36 1.75 1.28 1.26 1.37 8/13/2019 1.45 1.77 1.29 1.33 1.41 8/6/2019 1.44 1.69 1.36 1.38 1.46 7/30/2019 1.30 1.45 1.25 1.24 1.30 7/23/2019 0.93 1.21 0.76 1.00 0.98 7/16/2019 1.31 1.50 1.28 1.23 1.35 7/9/2019 1.55 1.66 1.48 1.40 1.57 7/2/2019 1.55 1.61 1.63 1.67 1.74 6/2	10/14/2019	1.11	1.48	1.16	1.24	1.31
9/24/2019 1.13 1.45 1.20 1.29 1.31 9/17/2019 1.15 1.55 1.20 1.46 1.48 9/10/2019 1.34 1.69 1.29 1.46 1.48 9/3/2019 1.26 1.57 1.21 1.23 1.38 8/27/2019 1.35 1.70 1.24 1.27 1.34 8/20/2019 1.36 1.75 1.28 1.26 1.37 8/13/2019 1.45 1.77 1.29 1.33 1.41 8/6/2019 1.44 1.69 1.36 1.38 1.46 7/30/2019 1.30 1.45 1.25 1.24 1.30 7/23/2019 0.93 1.21 0.76 1.00 0.98 7/16/2019 1.31 1.50 1.28 1.23 1.35 7/9/2019 1.50 1.66 1.48 1.40 1.57 7/2/2019 1.55 1.61 1.63 1.67 1.74 6/25/2019 1.55 1.62 1.65 1.60 1.67 6/1	10/8/2019	1.11	1.48	1.16	1.24	1.31
9/17/2019 1.15 1.55 1.20 1.46 1.48 9/10/2019 1.34 1.69 1.29 1.46 1.48 9/3/2019 1.26 1.57 1.21 1.23 1.38 8/27/2019 1.35 1.70 1.24 1.27 1.34 8/20/2019 1.36 1.75 1.28 1.26 1.37 8/13/2019 1.45 1.77 1.29 1.33 1.41 8/6/2019 1.44 1.69 1.36 1.38 1.46 7/30/2019 1.30 1.45 1.25 1.24 1.30 7/23/2019 0.93 1.21 0.76 1.00 0.98 7/16/2019 1.31 1.50 1.28 1.23 1.35 7/9/2019 1.50 1.66 1.48 1.40 1.57 7/2/2019 1.55 1.61 1.63 1.67 1.74 6/25/2019 1.63 1.71 1.74 1.68 1.80 6/11/2019 1.72 1.88 1.85 1.72 1.84 6/4	10/1/2019	1.09	1.48	1.16	1.25	1.22
9/10/2019 1.34 1.69 1.29 1.46 1.48 9/3/2019 1.26 1.57 1.21 1.23 1.38 8/27/2019 1.35 1.70 1.24 1.27 1.34 8/20/2019 1.36 1.75 1.28 1.26 1.37 8/13/2019 1.45 1.77 1.29 1.33 1.41 8/6/2019 1.44 1.69 1.36 1.38 1.46 7/30/2019 1.30 1.45 1.25 1.24 1.30 7/23/2019 0.93 1.21 0.76 1.00 0.98 7/16/2019 1.31 1.50 1.28 1.23 1.35 7/9/2019 1.50 1.66 1.48 1.40 1.57 7/2/2019 1.55 1.61 1.63 1.67 1.74 6/25/2019 1.55 1.62 1.65 1.60 1.67 6/18/2019 1.63 1.71 1.74 1.68 1.80 6/11/2019 1.72 1.88 1.85 1.72 1.84 6/4	9/24/2019	1.13	1.45	1.20	1.29	1.31
9/3/2019 1.26 1.57 1.21 1.23 1.38 8/27/2019 1.35 1.70 1.24 1.27 1.34 8/20/2019 1.36 1.75 1.28 1.26 1.37 8/13/2019 1.45 1.77 1.29 1.33 1.41 8/6/2019 1.44 1.69 1.36 1.38 1.46 7/30/2019 1.30 1.45 1.25 1.24 1.30 7/23/2019 0.93 1.21 0.76 1.00 0.98 7/16/2019 1.31 1.50 1.28 1.23 1.35 7/9/2019 1.50 1.66 1.48 1.40 1.57 7/2/2019 1.55 1.61 1.63 1.67 1.74 6/25/2019 1.55 1.62 1.65 1.60 1.67 6/18/2019 1.63 1.71 1.74 1.68 1.80 6/11/2019 1.72 1.88 1.85 1.72 1.84 6/4/2019 1.68 1.93 1.80 1.64 1.77	9/17/2019	1.15	1.55	1.20	1.46	1.48
8/27/2019 1.35 1.70 1.24 1.27 1.34 8/20/2019 1.36 1.75 1.28 1.26 1.37 8/13/2019 1.45 1.77 1.29 1.33 1.41 8/6/2019 1.44 1.69 1.36 1.38 1.46 7/30/2019 1.30 1.45 1.25 1.24 1.30 7/23/2019 0.93 1.21 0.76 1.00 0.98 7/16/2019 1.31 1.50 1.28 1.23 1.35 7/9/2019 1.50 1.66 1.48 1.40 1.57 7/2/2019 1.55 1.61 1.63 1.67 1.74 6/25/2019 1.55 1.62 1.65 1.60 1.67 6/18/2019 1.63 1.71 1.74 1.68 1.80 6/11/2019 1.72 1.88 1.85 1.72 1.84 6/4/2019 1.68 1.93 1.80 1.64 1.77	9/10/2019	1.34	1.69	1.29	1.46	1.48
8/20/2019 1.36 1.75 1.28 1.26 1.37 8/13/2019 1.45 1.77 1.29 1.33 1.41 8/6/2019 1.44 1.69 1.36 1.38 1.46 7/30/2019 1.30 1.45 1.25 1.24 1.30 7/23/2019 0.93 1.21 0.76 1.00 0.98 7/16/2019 1.31 1.50 1.28 1.23 1.35 7/9/2019 1.50 1.66 1.48 1.40 1.57 7/2/2019 1.55 1.61 1.63 1.67 1.74 6/25/2019 1.55 1.62 1.65 1.60 1.67 6/18/2019 1.63 1.71 1.74 1.68 1.80 6/11/2019 1.72 1.88 1.85 1.72 1.84 6/4/2019 1.68 1.93 1.80 1.64 1.77	9/3/2019	1.26	1.57	1.21	1.23	1.38
8/13/2019 1.45 1.77 1.29 1.33 1.41 8/6/2019 1.44 1.69 1.36 1.38 1.46 7/30/2019 1.30 1.45 1.25 1.24 1.30 7/23/2019 0.93 1.21 0.76 1.00 0.98 7/16/2019 1.31 1.50 1.28 1.23 1.35 7/9/2019 1.50 1.66 1.48 1.40 1.57 7/2/2019 1.55 1.61 1.63 1.67 1.74 6/25/2019 1.55 1.62 1.65 1.60 1.67 6/18/2019 1.63 1.71 1.74 1.68 1.80 6/11/2019 1.72 1.88 1.85 1.72 1.84 6/4/2019 1.68 1.93 1.80 1.64 1.77	8/27/2019	1.35	1.70	1.24	1.27	1.34
8/6/2019 1.44 1.69 1.36 1.38 1.46 7/30/2019 1.30 1.45 1.25 1.24 1.30 7/23/2019 0.93 1.21 0.76 1.00 0.98 7/16/2019 1.31 1.50 1.28 1.23 1.35 7/9/2019 1.50 1.66 1.48 1.40 1.57 7/2/2019 1.55 1.61 1.63 1.67 1.74 6/25/2019 1.55 1.62 1.65 1.60 1.67 6/18/2019 1.63 1.71 1.74 1.68 1.80 6/11/2019 1.72 1.88 1.85 1.72 1.84 6/4/2019 1.68 1.93 1.80 1.64 1.77	8/20/2019	1.36	1.75	1.28	1.26	1.37
7/30/2019 1.30 1.45 1.25 1.24 1.30 7/23/2019 0.93 1.21 0.76 1.00 0.98 7/16/2019 1.31 1.50 1.28 1.23 1.35 7/9/2019 1.50 1.66 1.48 1.40 1.57 7/2/2019 1.55 1.61 1.63 1.67 1.74 6/25/2019 1.55 1.62 1.65 1.60 1.67 6/18/2019 1.63 1.71 1.74 1.68 1.80 6/11/2019 1.72 1.88 1.85 1.72 1.84 6/4/2019 1.68 1.93 1.80 1.64 1.77	8/13/2019	1.45	1.77	1.29	1.33	1.41
7/23/2019 0.93 1.21 0.76 1.00 0.98 7/16/2019 1.31 1.50 1.28 1.23 1.35 7/9/2019 1.50 1.66 1.48 1.40 1.57 7/2/2019 1.55 1.61 1.63 1.67 1.74 6/25/2019 1.55 1.62 1.65 1.60 1.67 6/18/2019 1.63 1.71 1.74 1.68 1.80 6/11/2019 1.72 1.88 1.85 1.72 1.84 6/4/2019 1.68 1.93 1.80 1.64 1.77	8/6/2019	1.44	1.69	1.36	1.38	1.46
7/16/2019 1.31 1.50 1.28 1.23 1.35 7/9/2019 1.50 1.66 1.48 1.40 1.57 7/2/2019 1.55 1.61 1.63 1.67 1.74 6/25/2019 1.55 1.62 1.65 1.60 1.67 6/18/2019 1.63 1.71 1.74 1.68 1.80 6/11/2019 1.72 1.88 1.85 1.72 1.84 6/4/2019 1.68 1.93 1.80 1.64 1.77	7/30/2019	1.30	1.45	1.25	1.24	1.30
7/9/2019 1.50 1.66 1.48 1.40 1.57 7/2/2019 1.55 1.61 1.63 1.67 1.74 6/25/2019 1.55 1.62 1.65 1.60 1.67 6/18/2019 1.63 1.71 1.74 1.68 1.80 6/11/2019 1.72 1.88 1.85 1.72 1.84 6/4/2019 1.68 1.93 1.80 1.64 1.77	7/23/2019	0.93	1.21	0.76	1.00	0.98
7/2/2019 1.55 1.61 1.63 1.67 1.74 6/25/2019 1.55 1.62 1.65 1.60 1.67 6/18/2019 1.63 1.71 1.74 1.68 1.80 6/11/2019 1.72 1.88 1.85 1.72 1.84 6/4/2019 1.68 1.93 1.80 1.64 1.77	7/16/2019	1.31	1.50	1.28	1.23	1.35
6/25/2019 1.55 1.62 1.65 1.60 1.67 6/18/2019 1.63 1.71 1.74 1.68 1.80 6/11/2019 1.72 1.88 1.85 1.72 1.84 6/4/2019 1.68 1.93 1.80 1.64 1.77	7/9/2019	1.50	1.66	1.48	1.40	1.57
6/18/2019 1.63 1.71 1.74 1.68 1.80 6/11/2019 1.72 1.88 1.85 1.72 1.84 6/4/2019 1.68 1.93 1.80 1.64 1.77		1.55	1.61	1.63	1.67	1.74
6/11/2019 1.72 1.88 1.85 1.72 1.84 6/4/2019 1.68 1.93 1.80 1.64 1.77			1.62	1.65		
6/4/2019 1.68 1.93 1.80 1.64 1.77		1.63	1.71	1.74	1.68	1.80
			1.88		1.72	1.84
			1.93	1.80	1.64	1.77

Source: FI, NOPA, various trade sources

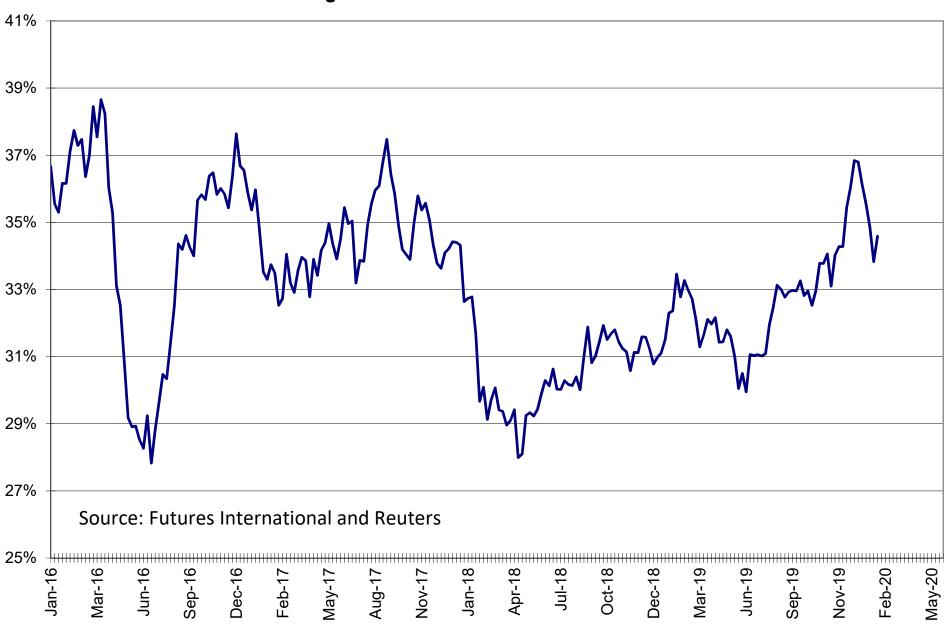
Decatur Illinois Cash Crush Margin



CBOT Soybean Rolling Second Position Crush Margin



CBOT Rolling Second Position Oil Share of Product Valua Percent



USDA Export Sales Estimates/Results in 000 tons

		ESTIMATED 1/30/2020			1/23/2020 Last Week			1/31/201 Year Ag	
Beans	19/20	550-800		19/20	469.7		18/19	NA	
	n/c	0-75		n/c	2.0		n/c	NA	
					Sales to China	360.9		Sales to C	hina NA
			Shipped			Shipped			Shipped
Meal	19-20	300-500	100-300	19/20	438.8	189.2	18/19	NA	NA
							n/c	NA	
	19/20								
			Shipped			Shipped			Shipped
Oil	19-20	40-60	15-30	19/20	29.4	2.0	18/19	NA	NA
							n/c	NA	
					Sales to China	0.0		Sales to C	hina NA
Corn	19/20	1000-1300		19/20	1,234.7		18/19	NA	
	n/c	100-150		n/c	143.6		n/c	NA	
					Sales to China	1.1		Sales to C	hina NA
Wheat	19/20	500-700		19/20	646.3		18/19	NA	
	n/c	0-25		n/c	1.0		n/c	NA	

o/c=Old Crop, n/c= New Crop

Souce: Futures International and USDA

CBOT Deliverable Commodities Under Registration

Source: CBOT and FI

Date	CHI Wheat	Change	Oats	Change	Corn	Change	Ethanol	Change	Soybeans	Change	Soy Oil	Change	Soy Meal	Change	Rough Rice	Change	KC Wheat	Change
2/4/2020	0	0	0	0	58	0	106	0	131	0	2,793	0	1,714	0	565	0	10	0
2/3/2020	0	0	0	0	58	0	106	0	131	0	2,793	0	1,714	0	565	0	10	0
1/31/2020	0	0	0	0	58	0	106	28	131	0	2,793	0	1,714	0	565	0	10	0
1/30/2020	0	0	0	0	58	0	78	0	131	0	2,793	0	1,714	0	565	0	10	0
1/29/2020	0	0	0	0	58	0	78	0	131	0	2,793	0	1,714	0	565	0	10	0
1/28/2020	0	0	0	0	58	0	78	0	131	0	2,793	0	1,714	0	565	0	10	0
1/27/2020	0	0	0	0	58	0	78	0	131	0	2,793	0	1,714	0	565	0	10	0
1/24/2020	0	0	0	0	58	0	78	0	131	0	2,793	0	1,714	0	565	0	10	0
1/23/2020	0	0	0	0	58	0	78	0	131	0	2,793	0	1,714	0	565	0	10	0
1/22/2020	0	0	0	0	58	0	78	0	131	0	2,793	0	1,714	0	565	0	10	0
1/21/2020	0	0	0	0	58	0	78	0	131	0	2,793	0	1,714	0	565	0	10	0
1/17/2020	0	0	0	0	58	0	78	0	131	0	2,793	0	1,714	0	565	0	10	0
1/16/2020	0	0	0	0	58	0	78	0	131	(30)	2,793	0	1,714	0	565	0	10	0
1/15/2020	0	0	0	0	58	0	78	0	161	(2)	2,793	0	1,714	0	565	0	10	0
1/14/2020	0	0	0	0	58	0	78	0	163	(32)	2,793	0	1,714	0	565	0	10	0
1/13/2020	0	0	0	0	58	0	78	0	195	0	2,793	0	1,714	54	565	0	10	0
1/10/2020	0	0	0	0	58	(39)	78	0	195	(133)	2,793	180	1,660	50	565	0	10	0
1/9/2020	0	0	0	0	97	(100)	78	0	328	(64)	2,613	0	1,610	0	565	0	10	0
1/8/2020	0	0	0	0	197	0	78	0	392	(87)	2,613	0	1,610	0	565	0	10	0
1/7/2020	0	0	0	0	197	0	78	0	479	(631)	2,613	0	1,610	0	565	0	10	0
1/6/2020	0	0	0	0	197	0	78	6	1,110	(83)	2,613	0	1,610	0	565	0	10	0
1/3/2020	0	0	0	0	197	0	72	0	1,193	0	2,613	0	1,610	0	565	0	10	0
1/2/2020	0	0	0	0	197	0	72	0	1,193	(1)	2,613	0	1,610	0	565	6	10	0
12/31/2019	0	0	0	0	197	0	72	0	1,194	0	2,613	0	1,610	200	559	0	10	0
12/30/2019	0	0	0	0	197	0	72	0	1,194	0	2,613	0	1,410	0	559	82	10	0
12/27/2019	0	0	0	0	197	0	72	0	1,194	0	2,613	0	1,410	0	477	0	10	0
12/26/2019	0	0	0	0	197	0	72	0	1,194	0	2,613	0	1,410	0	477	0	10	0
12/24/2019	0	(40)	0	0	197	0	72	0	1,194	0	2,613	0	1,410	0	477	0	10	0
12/23/2019	40	0	0	0	197	0	72	0	1,194	0	2,613	0	1,410	0	477	0	10	0
12/20/2019	40	0	0	0	197	0	72	0	1,194	(110)	2,613	0	1,410	0	477	0	10	0
12/19/2019	40	0	0	0	197	0	72	0	1,304	(132)	2,613	0	1,410	0	477	0	10	0
12/18/2019	40	0	0	0	197	0	72	0	1,436	0	2,613	0	1,410	0	477	0	10	0
12/17/2019	40	(37)	0	0	197	(14)	72	0	1,436	(33)	2,613	0	1,410	0	477	0	10	(1)
12/16/2019	77	0	0	0	211	0	72	0	1,469	0	2,613	0	1,410	0	477	0	11	0
12/13/2019	77	0	0	0	211	24	72	0	1,469	0	2,613	0	1,410	100	477	0	11	0
12/12/2019	77	77	0	0	187	0	72	0	1,469	0	2,613	0	1,310	0	477	0	11	0

Foreign Agriculture Market Guidance

As of 6:51 AM

Day on day change						Currency adjus	sted to the CME pit close
		5-Feb	4-Feb	Change		In cents/bu	5-Feb
Rotterdam Oils							meal in USD/short ton
Soy oil EUR/MT	Mar/Apr	745.50	731.50	+14.00		Rot soy oil	+17
Rape oil EUR/MT	Mar/Apr	825.00	817.00	+8.00		Rot rape oil	-15
Rotterdam Soybean Meal							
Argentina USD/MT (high protien)	Feb20/Mar	357.00	362.00	-5.00	,	Rot meal	Feb20/Mar
Argentina USD/MT	Apr20/Sep	348.00	350.00	-2.00			-\$5.28
Brazil USD/MT (pellets)	Feb20/Mar	344.00	353.50	-9.50		Rot meal	Apr20/Sep
Brazil USD/MT	Apr20/Sep	335.00	339.00	-4.00			-\$1.47
MALAYSIA PALM OIL							
Futures MYR/MT	APR0	2804	2668		\$681	Malaysian Fut	+101
RBD Olien Cash USD/MT	Apr20	\$706.00	\$679.50	+26.50	3.9%	Malaysian Cash	+76
US Gulf Crude SBO over RBD Palm	Spot	\$44	\$60	-\$16			
China Futures		5-Feb	4-Feb				
Soybeans #1 (DCE) CNY/MT	MAY0	4003	4007	-4	-0.1%	China soy #1	+1
Soybean Meal	MAY0	2637	2628	±0	0.3%	China meal	\$3.46
Soybean Oil	MAY0	6126	6048		1.3%	China oil	+18
China Palm Oil	MAY0	6094	6030		1.1%	Ciliia Oil	.10
China Futures Crush Margin	IVIATO	0054	0030	104	1.176		
USD/BU	MAY0	-1.53	-1.58	+0.05			
CNY/MT	MAY0	-803.91	-829.10	+25.20			
Corn (DCE) CNY/MT	MAY0	1922	1937		-0.8%	Dalian corn	-7
Wheat (ZCE) CNY/MT	MAY0	2643	2682		-1.5%	Zhengzhou wheat	-13
Wheat (202) Civi) Wh	1411.0	2013	2002	33	1.570	Zirengzired Wiredt	10
China Cash							
Cash Soybean Crush USD/BU	Spot	\$1.30	\$1.20	+0.10)		
Average Cash Wheat USD/BU		\$9.38	\$9.34	+0.03	:		
Average Cash Corn USD/BU		\$7.11	\$7.05	+0.06	5		
Corn North USD/BU	Spot	\$6.62	\$6.57	+0.05	1		
Corn South USD/BU	Spot	\$7.45	\$7.42	+0.03	1		
Reuters Imported Corn South USD/BU	Spot	\$5.49	\$5.52	-0.04			
Matif Wheat (Liffe)					\$ 210.37	\$/ton	
Matif EUR/MT morning over morning	MAY0	190.88	190.75	+0.13	· .	Matif morning	-1.76
Matif wheat from prev. settle day before	MAY0	189.75	188.50	+1.25		Matif settle	+1.61
Baltic Dry Index	Spot	453	466	-13	1		
		4-Feb	3-Feb				ALL OILS
Exchange Rates							Average lead
EU	Euro/\$	1.1021	1.1048	-0.0027	'		27
MYR	Ringgit/\$	4.1160	4.1105	+0.0055			ALL MEAL
CNY	RMB/\$	6.9735	6.9959	-0.0224			Average lead
							-\$1.09
						_	
CNAE alastronia aloss shares							
CME electronic close change SH2	0 +2.50	SMH20	-1.30	вон20	+44	CH20	+3.50
SK2		SMK20	-1.30 -1.20	BOH20			+3.50
SN2		SMN20	-1.20 -1.30	BON20			+3.25
SQ2		SMQ20	-1.30	BOQ20			+1.75
SU2		SMU20	-1.20	BOU20			+0.75
SV2	0 +1.75	SMZ20	-1.20	BOZ20	+42	wN20	+1.00
						WU20	+1.00

#1 China SB is only designed for Non-GMO soybeans, but captures 96-98% of total bean open interest. #2 China soybeans are not heavily traded Source: Reuters, Dow Jones Newswires and Futures International

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