



Good morning.

USD was slightly lower, WTI crude oil higher and US equity futures mixed. CBOT ag markets are mixed to lower. A recovery in US energy prices is supporting soybean oil while meal is trading down sharply from a forecast calling for rain across Argentina this weekend. Soybeans and grains are lower. Look for a choppy trade this week. There were no major global export developments reported over the weekend.

	Corn	Bean	Chi. Wheat	Meal	Oil
FI Est. Managed Fut. Only	126	122	(62)	120	49
FI Est. Managed Money F&O	125	122	(62)	118	51

Prices as 12/19/22 8:47 AM

CBOT Soybeans			Change	Volume	Soybean Meal			Change	Volume	Soybean Oil			Change	Volume
JAN3	1466.25	(13.75)	42207	JAN3	447.20	(15.80)	13651	JAN3	64.41	1.05	8020			
MAR3	1469.00	(14.75)	37758	MAR3	444.40	(15.80)	20024	MAR3	63.39	0.93	11719			
MAY3	1472.00	(15.00)	9041	MAY3	438.10	(14.20)	4623	MAY3	62.75	0.86	3720			
JUL3	1475.00	(14.50)	3637	JUL3	434.40	(12.90)	2841	JUL3	62.24	0.85	2111			
AUG3	1455.50	(11.50)	301	AUG3	428.00	(11.30)	561	AUG3	61.67	0.75	303			
SEP3	1408.00	(7.50)	295	SEP3	417.90	(10.00)	352	SEP3	60.86	0.37	81			
CBOT Corn			Change	Volume	Oats			Change	Volume	Chicago Wheat			Change	Volume
MAR3	648.00	(5.00)	21644	MAR3	334.75	(3.75)	27	MAR3	743.25	(10.25)	11780			
MAY3	648.50	(5.00)	4009	MAY3	338.25	0.00	0	MAY3	751.75	(9.25)	2745			
JUL3	643.00	(5.25)	4479	JUL3	337.00	(1.25)	2	JUL3	756.50	(9.00)	1797			
SEP3	606.25	(4.00)	1185	SEP3	332.50	0.00	0	SEP3	763.25	(8.00)	575			
DEC3	594.50	(3.00)	3149	DEC3	338.75	0.00	0	DEC3	775.00	(7.50)	483			
MAR4	602.50	(3.00)	81	MAR4	331.00	0.00	0	MAR4	779.25	(8.50)	56			
KC Wheat			Change	Volume	Mat Wheat			Change	Volume	ICE CANOLA			Change	Volume
MAR3	833.50	(10.50)	3520	MAR3	295.75	(1.75)	6833	JAN3	853.40	(9.90)	182			
MAY3	827.25	(10.75)	747	MAY3	293.50	(1.75)	1735	MAR3	847.60	(9.40)	182			
JUL3	820.00	(11.75)	348	SEP3	276.75	(1.00)	603	MAY3	843.80	(8.40)	182			
SEP3	822.25	(11.00)	97	DEC3	276.25	(1.50)	356	JUL3	839.00	(7.40)	182			

Soy/Corn Ratio X/Z 2023 2.3251

Source: FI and Reuters

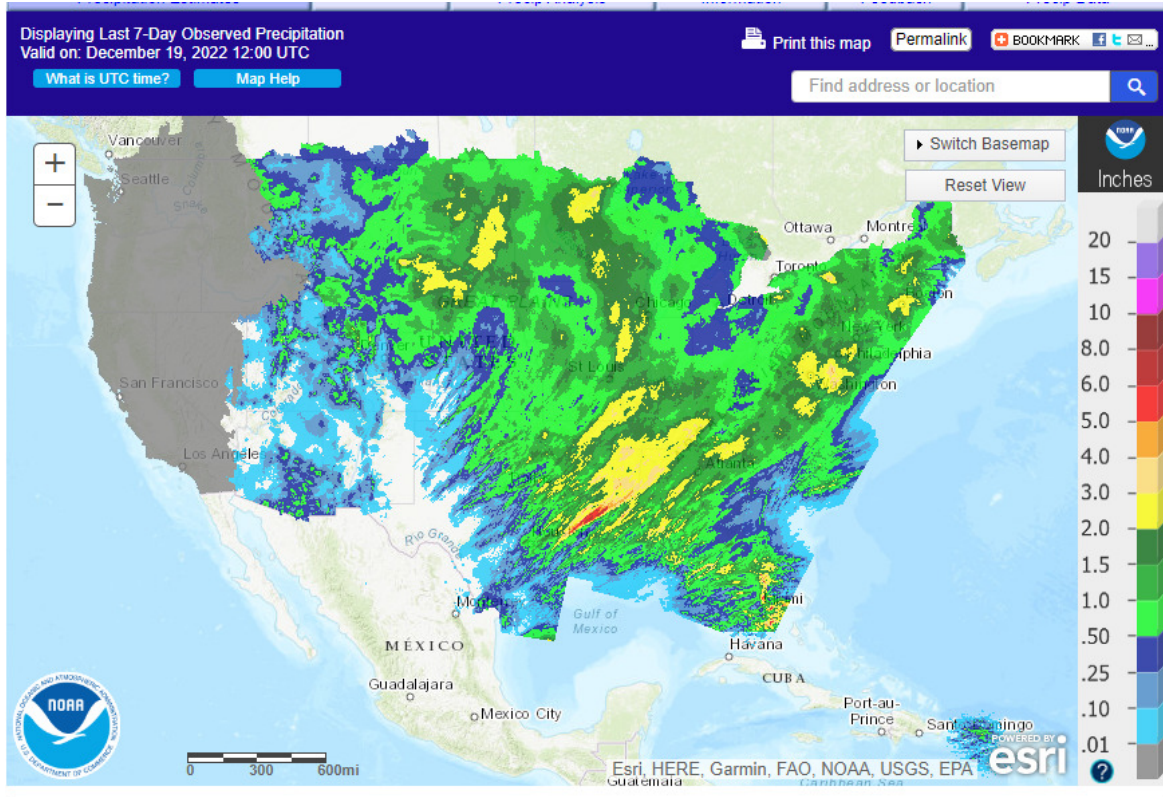
Terry Reilly Grain Research

Futures International | One Lincoln Center | 18 W 140 Butterfield Rd. | Oakbrook Terrace, IL 60181

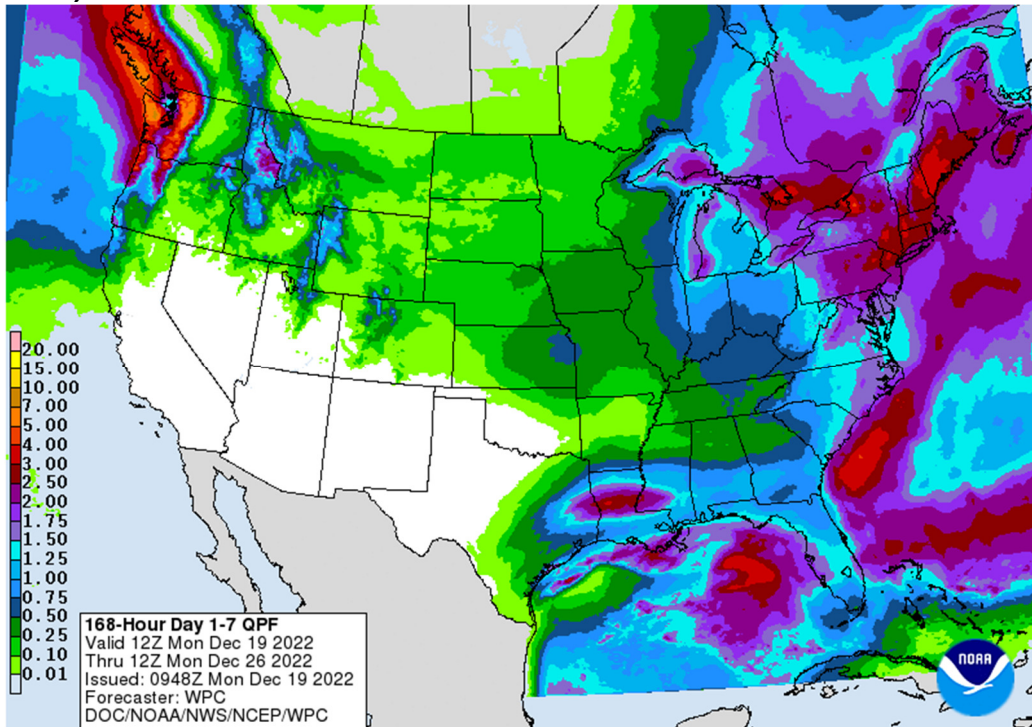
W: 312.604.1366 | treilly@futures-int.com

Weather

Last seven days



7-day outlook



Terry Reilly Grain Research

Futures International | One Lincoln Center | 18 W 140 Butterfield Rd. | Oakbrook Terrace, IL 60181

W: 312.604.1366 | treilly@futures-int.com

World Weather, INC.

WORLD WEATHER HIGHLIGHTS FOR DECEMBER 19, 2022

- Extremely cold temperatures impacting central parts of North America during mid- to late-week this week will bring all kinds of problems
 - Blizzard conditions are likely from the central U.S. Plains to the Great Lakes region Wednesday night into Saturday
 - Extreme low temperatures in the -30s and -20s are likely in the northern Plain
 - Subzero-degree low temperatures will occur southward to the Texas Panhandle northern Oklahoma, central Illinois and northern Indiana
 - Freezes will occur southward to the central Gulf of Mexico Coast
 - Sugarcane will experience notable freezes in Louisiana
 - Citrus areas in Florida will be exposed to some frost and freezes, although it is unclear whether there is a viable threat to the crop yet
 - Wind speeds gusting between 30 and 60 mph will occur with the blizzard from eastern Nebraska and eastern Kansas through Iowa and northern Missouri to the Great Lakes region
 - Snowfall will range from 4 to 12 inches with a band of much greater snowfall
 - Considerable blowing and drifting of snow is expected
 - Wind chill warnings are likely to be issued and frost bite potentials will rise greatly
 - A huge increase in energy demand is expected in the central U.S. for a few days beginning Wednesday and lasting into the weekend
 - Cold air in the eastern United States is expected to be brief and not as potent as that in the central states
 - Livestock stress will be very high in the western Corn and soybean production areas
- Argentina will get some needed rain Thursday night into Sunday bringing relief to recent drying
- Argentina's second week weather outlook is more unstable than that advertised last week which implies additional opportunities for rain
- Some of the rain from Argentina will reach into southern Brazil and Paraguay, but the relief from dryness will be a little erratic leaving some areas with ongoing need for more rain
- Southern Brazil reported rain Sunday resulting in some improved topsoil moisture after recent drying, but much more rain will be needed
- Northern Brazil is still expected to become to wet this week in southern Tocantins, southwestern Bahia, northern Minas Gerais, northern Goias and in a few locations in northern and eastern Mato Grosso
- Eastern Europe received its second major winter storm during the weekend further burying the region from southern Germany and northern Italy to western Russia and parts of western and northern Ukraine in very heavy snow
 - Transportation delays resulted and livestock concerns have been high
- Europe will be trending warmer this week
- No bitter cold will impact Asia or Europe in the coming week
- Australia, China and India weather has not changed from that of Friday

Source: World Weather INC

Bloomberg Ag Calendar

Monday, Dec. 19:

- USDA export inspections - corn, soybeans, wheat, 11am
- MARS monthly report on EU crop conditions
- USDA's total milk production, 3am

Tuesday, Dec. 20:

- China's third batch of November trade data, including soy, corn and pork imports by country
- New Zealand global dairy trade auction

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Futures International | One Lincoln Center | 18 W 140 Butterfield Rd. | Oakbrook Terrace, IL 60181

W: 312.604.1366 | treilly@futures-int.com

- EU weekly grain, oilseed import and export data
- Malaysia's Dec. 1-20 palm oil exports

Wednesday, Dec. 21:

- EIA weekly US ethanol inventories, production, 10:30am
- Weekly USDA Broiler Report

Thursday, Dec. 22:

- USDA weekly net-export sales for corn, soybeans, wheat, cotton, pork and beef, 8:30am
- US cold storage data for beef, pork and poultry, 3pm
- US red meat production, poultry slaughter, 3pm
- Port of Rouen data on French grain exports
- Sugar, cane and ethanol production data by Brazil's Conab (tentative)

Friday, Dec. 23:

- ICE Futures Europe weekly commitments of traders report, 1:30pm (6:30pm London)
- CFTC commitments of traders weekly report on positions for various US futures and options, 3:30pm
- USDA hogs and pigs inventory, cattle on feed, 3pm

Monday, Dec. 26:

- HOLIDAY: US, UK, Australia, Hong Kong, Singapore, several other countries
- **CBOT hard open for nighttime session**

Tuesday, Dec. 27:

- Malaysia Dec. 1-25 palm oil exports
- HOLIDAY: UK, Australia, Hong Kong

Wednesday, Dec. 28:

- Weekly USDA Broiler Report

Thursday, Dec. 29:

- EIA weekly US ethanol inventories, production, 10:30am
- Vietnam's general statistics department releases monthly coffee, rice and rubber export data

Friday, Dec. 30:

- USDA weekly net-export sales for corn, soybeans, wheat, cotton, pork and beef, 8:30am
- CFTC commitments of traders weekly report on positions for various US futures and options, 3:30pm
- ICE Futures Europe weekly commitment of traders report, 1:30pm (6:30pm London)

Saturday, Dec. 31:

- Malaysia's Dec. 1-31 palm oil export data by cargo surveyor AmSpec

Source: Bloomberg and FI

CBOT Open Interest

CBOT Product			Prompt OI	Change	Total Open Interest*	Change
<i>Soybeans</i>	<i>Sv1</i>	<i>Jan 23</i>	144,886	(6,915)	641,049	(6,910)
<i>Soy Oil</i>	<i>BOv1</i>	<i>Mar 23</i>	146,148	1,014	407,404	(3,344)
<i>Soy Meal</i>	<i>SMv1</i>	<i>Mar 23</i>	187,054	7,033	407,485	5,068
<i>Corn</i>	<i>Cv1</i>	<i>Mar 23</i>	552,139	406	1,195,876	(544)
<i>Oats</i>	<i>Oc1</i>	<i>Mar 23</i>	3,790	89	4,307	119
<i>CHI Wheat</i>	<i>Wv1</i>	<i>Mar 23</i>	169,950	(2,465)	333,746	(1,035)
<i>KC Wheat</i>	<i>KWv1</i>	<i>Mar 23</i>	87,873	8	152,797	191
<i>Rice</i>	<i>RRc2</i>	<i>Mar 23</i>	4,764	596	8,287	254
					Total Open Interest*	Change
CME Product						
<i>Live Cattle</i>	<i>LCc2</i>	<i>Dec 17</i>	131,632	1,465	296,154	2,158
<i>Lean Hogs</i>	<i>LHc2</i>	<i>Dec 17</i>	42,131	(562)	174,709	(1,225)

*Previous day preliminary data as of 12/16/2022

Top 15 most active options

Option Strike	TL Globex/Pit Volume	Current Open Interest	Open Interest Change from previous day
<i>WH 850C</i>	2,658	3,657	+ 1,228
<i>WH 950C</i>	2,551	3,476	+ 990
<i>SG 1520C</i>	2,040	5,219	- 321
<i>SF 1600C</i>	2,006	2,676	- 1,009
<i>SMF 450P</i>	1,744	1,583	+ 560
<i>SF 1460P</i>	1,707	5,222	- 47
<i>SF 1500C</i>	1,595	8,575	+ 462
<i>CF 660C</i>	1,375	6,133	+ 812
<i>SMF 470C</i>	1,366	1,141	+ 105
<i>CG 630P</i>	1,343	2,545	+ 582
<i>CZ 670C</i>	1,275	1,000	+ 990
<i>BOF 620P</i>	1,237	1,902	+ 493
<i>BOH 620P</i>	1,223	1,414	+ 795
<i>CH 750C</i>	1,178	11,787	+ 622
<i>SF 1420P</i>	1,170	4,225	- 105

*Previous day preliminary data as of 12/18/2022

Terry Reilly Grain Research

Futures International | One Lincoln Center | 18 W 140 Butterfield Rd. | Oakbrook Terrace, IL 60181

W: 312.604.1366 | treilly@futures-int.com

CBOT Deliveries and Registrations

	Deliveries	Reg.	Reg. Change
Soybeans	NA	91	0
Soybean Meal	0	296	(5)
Soybean Oil	0	774	0
Corn	0	154	(154)
Oats	0	1	(29)
Chi. Wheat	0	2,795	(65)
KC Wheat	0	495	0
Rice	NA	775	0
Ethanol	NA	0	0
MN Wheat	NA		

Source: CBOT, Reuters and FI

Locations

CBOT Registrations

Registrations				Previous		Change
Oats						
SAVAGE RIVERPORT LLC	SAVAGE, MN	1	12/16/2022	30	12/14/2022	(29)
RIVERLAND AG CORP	MALT ONE, MN	0	12/16/2016	27	12/15/2016	(27)
Corn						
CARGILL, INC.	SPRING VALLEY, IL	110	12/16/2022	176	11/29/2022	(66)
Soybean Meal						
INCOBRASA INDUSTRIE GILMAN, IL		55	12/16/2022	60	12/12/2022	(5)
Chicago Wheat						
THE ANDERSONS INC	MAUMEE, OH	2331	12/16/2022	2,396	12/15/2022	(65)

Source: CBOT, Reuters and FI

*Previous day data as of

12/18/2022

China selected commodity trade data

Commodity	November 2022 (tonnes)	% change y/y	YTD (tonnes)	% change y/y
Corn	740,000	-6%	19.75 mln	-27%
Wheat	1.01 million	35%	8.88 mln	1%
Barley	530,000	-65%	5.28 mln	-54%
Sorghum	500,000	-6%	10.04 mln	15%
Pork	180,000	-11%	1.56 mln	-56%
Sugar	730,000	17%	4.75 mln	-10%
Iron Ore	7,709,000	-1790%	13256900.00%	-3230%
Nonferrous Metal	224,845	-2150%	269194	770%
Steel	602,008	-790%	12780300.00%	740%

Source: FI, Reuters, China AgMin

FI ESTIMATES FOR US EXPORT INSPECTIONS

Million Bushels	FI Estimates	Last Week	5-Year Ave.
WHEAT	7 to 15	8.0	18.6
CORN	18 to 26	19.9	29.1
SOYBEANS	59 to 73	67.6	63.0

Million Tons	FI Estimates	Last Week	5-Year Ave.
WHEAT	200 to 400	218.5	506.9
CORN	450 to 650	505.0	739.3
SOYBEANS	1,600 to 2,000	1,839.8	1714.4

Source: USDA & FI

CFTC Commitment of Traders

Funds and commercials changed their tune for the week ending December 13, exception soybean oil and wheat. There were no major surprises to the fund positions. For soybeans, traditional funds were a little more long than expected and Chicago wheat 11,000 contracts more short than what the trade estimated.

Traditional Daily Estimate of Funds 12/13/22

	Corn	Bean	Chi. Wheat	Meal	Oil
Actual	212.2	113.1	(39.9)	133.5	55.6
Estimated*	209.4	98.7	(28.9)	129.2	69.3
Difference	2.8	14.4	(11.0)	4.3	(13.7)

*Estimated as of Tuesday

Source: Reuters, CFTC & FI (FI est. are noted with latest date)

MANAGED MONEY net position changes

	Corn	Bean	Meal	Oil	Chi. Wheat	KC Wheat	Min Wheat
Futures Only	8.4	19.7	17.0	(10.2)	0.0	(1.5)	(0.9)
Futures & Options Combined	6.9	20.1	16.0	(9.2)	0.4	(1.2)	(0.9)

Macros

Canadian PPI (M/M) Nov: -0.4% (est -0.4%; prev 2.4%)

Canadian PPI (Y/Y) Nov: 9.7% (prev 10.1%)

Canadian Raw Materials Prices (M/M) Nov: -0.8% (est -1.3%; prev 1.3%)

Canadian Raw Materials Prices (Y/Y) Nov: 8.0% (prevR 8.6%)

Prices as 12/19/22 8:47 AM

	Month	Price	Change
USD	Index	104.64	(0.061)
EUR/USD	Spot	1.0601	0.002
USD/BRL	Bid	5.3242	0.010
BITCOIN	BTCC1	\$16,660	(\$115)
WTI Crude	JAN3	75.59	1.300
Brent	FEB3	80.25	1.210
Nat Gas	JAN3	6.070	(0.530)
DJ Mini	MAR3	33155	27
US 10-Yr	DEC2	114 5/32	-17/32
Gold	JAN3	1794.9	1.400

Source: FI and Reuters

Corn

- CBOT corn futures fell Monday morning in part to lower soybeans and wheat as weather forecasts pumped some rain for Argentina this upcoming weekend.
- Coceral sees a larger grain production for UK and EU, combined, for 2023, to 304.4 million tons for 2023 from a forecast of 285.1 million in 2022. Soft wheat alone was estimated to increase to 143.2 MMT from 140.7 million in 2022.
- January options expire Friday.
- Southern Brazil corn crop prospects are falling. StoneX estimated Brazil's southern state of RGDS corn crop at 4.51 million tons (early crop), down from 5.38 million previous. Recall Conab cut corn production for several southern states, for the first crop, in their latest supply update.
- China corn imports during November were 740,000 tons, down 5.8% from year ago. YTD are down 26.9 percent to 19.75 million tons. The steep decrease for imports is not alarming given the stats bureau reported a larger production that CASDE.

Export developments.

- None reported

USDA 24-hour

Date reported	Value (tonnes)	Commodity	Destination	Year
19-Dec	132,000	Soybeans	Unknown	2022-23
19-Dec	141,000	Corn	Mexico	2022-23
15-Dec	101,600	Corn	Mexico	2022-23
13-Dec	140,000	Soybeans	Unknown	2023-24
8-Dec	118,000	Soybeans	China	2022-23
8-Dec	718,000	Soybeans	Unknown	2022-23
6-Dec	264,000	Soybeans	China	2022-23
6-Dec	240,000	Soybeans	Unknown	2022-23
5-Dec	130,000	Soybeans	China	2022-23

Soybeans

- CBOT soybeans are lower following weakness in soybean meal related to Argentina precipitation forecasts for this upcoming weekend. SBO is higher on product spreading and higher energy prices. Not much has changed fundamentally and traders are likely watching SA weather.

Terry Reilly Grain Research

Futures International | One Lincoln Center | 18 W 140 Butterfield Rd. | Oakbrook Terrace, IL 60181

W: 312.604.1366 | treilly@futures-int.com

- Dorab Mistry sees Malaysia’s palm oil production around 19 million tons for 2023 and Indonesia output to increase 1.5 million tons. The Malaysian palm stocks are expected to fall below 2 million tons by the end of Q1 2023. Prices were estimated in a range of 3,500 and 5,000 ringgit per ton from now until the end of May.
- Indonesia’s November Palm Oil Exports Fall 13.5% M/m: Intertek (Bloomberg) -- Exports fell to 2.7 million tons in Nov. from 3.1 million tons shipped in the previous month, cargo surveyor Intertek Testing Services says in an emailed statement.
- (Bloomberg) -- India's oilmeal exports rose to 407,193 tons in November from 213,154 tons in October, according to the Solvent Extractors' Association of India.
 - Rapeseed meal exports rose to 134,952 tons from 98,571 tons in October
 - Soymeal exports rose to 164,075 tons from 40,196 tons in October
 - Rice-bran extract exports rose to 55,888 tons from 34,305 tons in October
- February Malaysia palm oil was up 11 ringgit to 3929 and cash down \$2.50/ton at \$940.

MALAYSIA PALM OIL	Settle	19-Dec	16-Dec		
Futures MYR/MT	MAR3	3929	3918	+11	\$889
RBD Olien Cash USD/MT	Mar23	\$940.00	\$942.50	-\$2.50	-0.3%
US Gulf Crude SBO over RBD Palm	Spot	\$560	\$420	\$140	

- China soybean futures were up 0.3%, meal 0.9% lower, soybean oil 1.6% lower and palm down 1.0%.

China Futures (Set. - Prv. Settle)		19-Dec	16-Dec		
Soybeans #1 (DCE) CNY/MT	MAY3	5242	5228	+14	0.3%
Soybean Meal	MAY3	3724	3756	-32	-0.9%
Soybean Oil	MAY3	8486	8628	-142	-1.6%
China Palm Oil	MAY3	7778	7860	-82	-1.0%

- Rotterdam vegetable oils were 5-20 euros higher from early Friday morning. Rotterdam meal were 1-3 euros lower
- Offshore values were leading SBO lower by about 16 points earlier this morning and meal \$1.30 short ton higher.

Export Developments

- Turkey seeks 24,000 tons of crude sunflower oil on December 23 for delivery between January 2 and February 15, 2023.

Wheat

- US wheat futures are lower after additional ships were able to disembark Ukraine despite lack of power for several areas across the country.
- Paris March wheat was lower 1.50 euro earlier at 296.00 euros a ton.
- Egypt is looking at measures to cool inflation for food. Reuters noted “Egypt's annual headline inflation hit 18.7% in November, according to official data, while core inflation, which strips out more volatile items, reached 21.5%.”
- Egypt wheat stocks are sufficient for 4.8 months. Nearly 4 million tons were imported so Far in 2022.
- Iraq’s trade ministry said they have enough wheat sufficient for 2 months of consumption. 460,000 tons is currently monthly consumptions. Look for them to float additional import tenders.

- Russia's currency fell 2.9% at one point on Monday, a signal exports could increase for countries that can still finance grain shipments.

Export Developments.

- Results awaited: Iraq seeks 50,000 tons of milling wheat on Sunda, December 18.

Rice/Other

- (Bloomberg) -- The Philippines will import around 2.5 million tons of rice next year, smaller than the 2022 purchases as local harvests improve, an agriculture official said.
- South Korea's Agro-Fisheries & Food Trade Corp. seeks 83,672 tons of rice from the United States for arrival in South Korea in 2023 between Feb. 1 and June 30.
- Bangladesh seeks 50,000 tons of rice on December 21 for shipment with 40 days of contract signing.
- Bangladesh also seeks 50,000 tons of rice on December 27.

Foreign Agriculture Market Guidance

As of 7:33 AM

Day on day change

		19-Dec	16-Dec	Change
Rotterdam Oils				
Soy oil EUR/MT	Jan	1,290.00	1,270.00	+20.00
Rape oil EUR/MT	Jan	1,125.00	1,120.00	+5.00
Rotterdam Soybean Meal				
Argentina USD/MT (high protien)	Jan	589.00	590.00	-1.00
Argentina USD/MT	Feb/Mar	581.00	583.00	-2.00
Brazil USD/MT (pellets)	Jan	579.00	580.00	-1.00
Brazil USD/MT	Feb/Mar	559.00	562.00	-3.00
MALAYSIA PALM OIL				
Futures MYR/MT	MAR3	3929	3918	+11 \$889
RBD Olien Cash USD/MT	Mar23	\$940.00	\$942.50	-\$2.50 -0.3%
US Gulf Crude SBO over RBD Palm	Spot	\$561	\$420	\$142
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Soybean Oil	MAY3	8486	8628	-142 -1.6%
China Palm Oil	MAY3	7778	7860	-82 -1.0%
China Futures Crush Margin				
USD/BU	MAY3	-1.43	-1.31	-0.12
CNY/MT	MAY3	-753.94	-688.94	-65.00
Corn (DCE) CNY/MT	MAR3	2800	2809	-9 -0.3%
Wheat (ZCE) CNY/MT	MAR3	3505	3505	unchanged 0.0%
Hogs (ZCE) CNY	MAR3	15620	16045	-425 -2.6%

Currency adjusted to the CME pit close

In cents/bu	19-Dec
oils in points and meal in USD/short ton	
Rot soy oil	+60
Rot rape oil	-11

Rot meal	
Jan	\$2.89
Rot meal	
Feb/Mar	\$1.53
Malaysian Fut	-3
Malaysian Cash	-25

China soy #1	+13
China meal	-\$0.57
China oil	-101

Dalian corn	-6
Gluten Wheat	-8

308.25
300.75
7.5

Matif Wheat (Liffe)		\$/ton	\$312.14	\$313.94	
Matif EUR/MT <u>morning over morning</u>	MAY3		294.50	295.75	-1.25

Matif morning	-12.89
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Baltic Dry Index	Spot	1560	1528	+32
		16-Dec	15-Dec	

Exchange Rates

EU	Euro/\$	1.0599	1.0615	-0.0016
MYR	Ringgit/\$	4.4220	4.4220	unchanged
CNY	RMB/\$	6.9725	6.9696	+0.0029

ALL OILS
Average lead
-16
ALL MEAL
Average lead
\$1.29

CME electronic close change

SF23	-8.75	SMF23	-4.80	BOF23	+27	CH23	+3.00
SH23	-8.25	SMH23	-3.60	BOH23	+14	CK23	+2.75
SK23	-8.50	SMK23	-3.80	BOK23	+6	CN23	+2.75
SN23	-7.50	SMN23	-3.70	BON23	-1	WH23	+8.00
SQ23	-7.00	SMQ23	-3.30	BOQ23	-3	WK23	+7.25
SU23	-4.75	SMU23	-3.30	BOU23	+1	WN23	+6.50
						WU23	+5.00

#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



Futures International, LLC

An OTC Global Holdings LP Company

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
12/16/2022	2,795	(65)	1	(29)	154	(154)	0	0	91	0	774	0	296	(5)	775	0	495	0
12/15/2022	2,860	(65)	30	0	308	0	0	0	91	0	774	0	301	0	775	0	495	0
12/14/2022	2,925	(43)	30	29	308	0	0	0	91	0	774	25	301	0	775	0	495	0
12/13/2022	2,968	0	1	(1)	308	0	0	0	91	0	749	0	301	0	775	0	495	0
12/12/2022	2,968	0	2	0	308	0	0	0	91	0	749	0	301	10	775	0	495	0
12/9/2022	2,968	(87)	2	0	308	0	0	0	91	0	749	0	291	0	775	0	495	0
12/8/2022	3,055	(1)	2	0	308	0	0	0	91	(30)	749	60	291	0	775	0	495	0
12/7/2022	3,056	0	2	(1)	308	0	0	0	121	0	689	0	291	0	775	0	495	(10)
12/6/2022	3,056	0	3	(1)	308	0	0	0	121	0	689	0	291	0	775	0	505	0
12/5/2022	3,056	0	4	(42)	308	0	0	0	121	0	689	0	291	0	775	0	505	0
12/2/2022	3,056	0	46	(19)	308	0	0	0	121	0	689	0	291	0	775	0	505	0
12/1/2022	3,056	0	65	0	308	0	0	0	121	0	689	0	291	13	775	0	505	500
11/30/2022	3,056	0	65	65	308	0	0	0	121	0	689	150	278	0	775	0	5	0
11/29/2022	3,056	0	0	0	308	308	0	0	121	(5)	539	500	278	0	775	0	5	0
11/28/2022	3,056	0	0	0	0	0	0	0	126	0	39	0	278	0	775	0	5	0
11/25/2022	3,056	0	0	0	0	0	0	0	126	0	39	0	278	0	775	0	5	0
11/23/2022	3,056	0	0	0	0	0	0	0	126	0	39	0	278	0	775	0	5	0
11/22/2022	3,056	0	0	0	0	0	0	0	126	0	39	0	278	0	775	0	5	0
11/21/2022	3,056	0	0	0	0	0	0	0	126	0	39	0	278	0	775	0	5	0
11/18/2022	3,056	0	0	0	0	0	0	0	126	0	39	0	278	0	775	0	5	0
11/17/2022	3,056	0	0	0	0	0	0	0	126	0	39	0	278	0	775	0	5	0
11/16/2022	3,056	0	0	0	0	0	0	0	126	(50)	39	0	278	0	775	0	5	0
11/15/2022	3,056	0	0	0	0	0	0	0	176	(115)	39	0	278	0	775	0	5	0
11/14/2022	3,056	0	0	0	0	0	0	0	291	0	39	0	278	0	775	58	5	0
11/11/2022	3,056	(21)	0	0	0	0	0	0	291	0	39	0	278	0	717	0	5	0
11/10/2022	3,077	0	0	0	0	0	0	0	291	0	39	0	278	0	717	186	5	0
11/9/2022	3,077	0	0	0	0	0	0	0	291	(44)	39	0	278	0	531	0	5	0
11/8/2022	3,077	0	0	0	0	0	0	0	335	(66)	39	0	278	0	531	0	5	0
11/7/2022	3,077	0	0	0	0	0	0	0	401	0	39	0	278	0	531	0	5	0
11/4/2022	3,077	0	0	0	0	0	0	0	401	(44)	39	0	278	0	531	0	5	0
11/3/2022	3,077	0	0	0	0	0	0	0	445	0	39	0	278	(10)	531	(198)	5	0
11/2/2022	3,077	0	0	0	0	0	0	0	445	0	39	0	288	0	729	0	5	0
11/1/2022	3,077	0	0	0	0	0	0	0	445	0	39	0	288	0	729	(36)	5	0
10/31/2022	3,077	0	0	0	0	0	0	0	445	0	39	0	288	0	765	0	5	0
10/28/2022	3,077	0	0	0	0	0	0	0	445	440	39	0	288	0	765	(250)	5	(35)
10/27/2022	3,077	(3)	0	0	0	0	0	0	5	0	39	0	288	0	1,015	0	40	0

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