## Good morning.

CBOT agriculture prices are mostly lower after a choppy early morning trade in large part to improving South American weather. WTI crude was 26 cents lower, USD 31 points higher and US equities pointing towards a lower open. Soybean oil traded two-sided. Higher palm oil is helping after MPOB reported bullish Malaysian palm oil stocks data. Soybean meal rebounded from overnight session lows. Cold US temperatures over the weekend likely aided feed demand. Corn and wheat were trading lower. Look for positioning ahead of the USDA reports due out on Wednesday.

US weather remains favorable for the Midwest but dry for the central and southern Great Plains, raising concerns over soil moisture levels for US winter wheat. For South America it appears the rain in the forecast for the third week of January is still in place (parts of Argentina and southern Brazil), and another round may occur around the January 23-25 the period. Rain will start to lighten up for northern Brazil, favoring harvest activity. Heavy rains and thunderstorms are expected over parts of Indonesia's Sumatra and Kalimantan on Monday. Rains in New South Wales and eastern Victoria will slow remaining wheat harvesting.

| Prices as         | 1/10/22 | 7:39 AM |        |         |             |            |        |         |         |            |             |
|-------------------|---------|---------|--------|---------|-------------|------------|--------|---------|---------|------------|-------------|
| <b>CBOT Soybe</b> | eans    | Change  | Volume | Soybear | n Meal      | Change     | Volume | Soybean | Oil     | Change     | Volume      |
| JAN2              | 1395.00 | (6.50)  | 7      | JAN2    | 433.50      | 0.00       | 12     | JAN2    | 58.63   | 0.00       | 0           |
| MAR2              | 1405.00 | (5.25)  | 23381  | MAR2    | 425.90      | 0.90       | 9642   | MAR2    | 58.78   | 0.00       | 8249        |
| MAY2              | 1413.00 | (5.75)  | 7106   | MAY2    | 420.70      | (0.20)     | 5898   | MAY2    | 58.82   | 0.00       | 4349        |
| JUL2              | 1417.00 | (6.25)  | 5611   | JUL2    | 419.30      | (0.90)     | 4310   | JUL2    | 58.76   | 0.02       | 3250        |
| AUG2              | 1394.50 | (7.75)  | 331    | AUG2    | 412.40      | (2.30)     | 496    | AUG2    | 58.38   | 0.02       | 634         |
| SEP2              | 1339.75 | (10.75) | 428    | SEP2    | 400.90      | (3.40)     | 454    | SEP2    | 57.82   | (0.11)     | 461         |
| <b>CBOT Corn</b>  |         | Change  | Volume | Oats    |             | Change     | Volume | Chicago | Wheat   | Change     | Volume      |
| MAR2              | 603.50  | (3.25)  | 16788  | MAR2    | 674.75      | 6.50       | 84     | MAR2    | 753.75  | (4.75)     | 6060        |
| MAY2              | 604.25  | (3.50)  | 5337   | MAY2    | 645.00      | 5.75       | 10     | MAY2    | 755.75  | (4.75)     | 758         |
| JUL2              | 601.50  | (3.00)  | 2913   | JUL2    | 597.75      | 0.00       | 0      | JUL2    | 752.75  | (4.25)     | 722         |
| SEP2              | 569.25  | (2.25)  | 836    | SEP2    | 528.00      | 0.00       | 0      | SEP2    | 754.75  | (4.25)     | 208         |
| DEC2              | 555.25  | (2.50)  | 3405   | DEC2    | 529.50      | 0.00       | 0      | DEC2    | 760.00  | (4.00)     | 343         |
| MAR3              | 562.50  | (2.00)  | 191    | MAR3    | 533.00      | 0.00       | 0      | MAR3    | 763.75  | (3.25)     | 34          |
| <b>KC Wheat</b>   |         | Change  | Volume | Mat Wh  | eat         | Change     | Volume | ICE CAN | OLA     | Change     | Volume      |
| MAR2              | 767.00  | (8.00)  | 2168   | MAR2    | 274.50      | 0.00       | 5586   | JAN2    | 0.00    | 0.00       | 182         |
| MAY2              | 768.00  | (8.00)  | 663    | MAY2    | 272.25      | 0.25       | 1847   | MAR2    | 1033.40 | (1.70)     | 182         |
| JUL2              | 769.25  | (6.25)  | 1035   | SEP2    | 247.00      | 0.25       | 1017   | MAY2    | 1012.00 | (1.30)     | 182         |
| SEP2              | 771.00  | (8.00)  | 184    | DEC2    | 247.50      | 0.50       | 674    | JUL2    | 962.50  | (0.20)     | 182         |
|                   |         |         |        | So      | y/Corn Rati | o X/Z 2022 | 2.3597 |         |         | Source: FI | and Reuters |

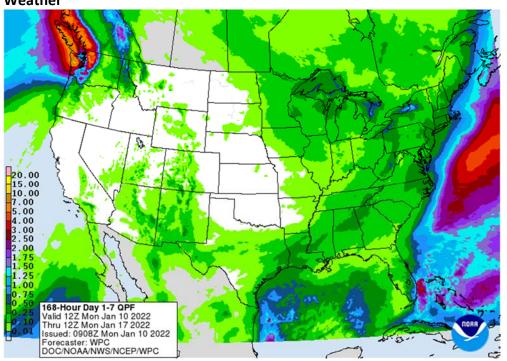
Terry Reilly Grain Research

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

W: 312.604.1366 | treilly@futures-int.com

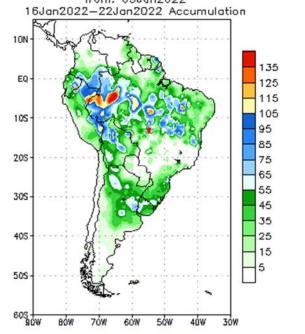
|                           | Corn | Bean | Chi. Wheat | Meal | Oil |
|---------------------------|------|------|------------|------|-----|
| FI Est. Managed Fut. Only | 355  | 112  | (31)       | 71   | 50  |
| FI Est. Managed Money F&O | 366  | 111  | (28)       | 72   | 52  |

#### Weather



### SA – week two

NCEP GFS Ensemble Forecast 8—14 Day Precipitation (mm) from: 09Jan2022



Bias correction based on last 30-day forecast error

## Terry Reilly Grain Research

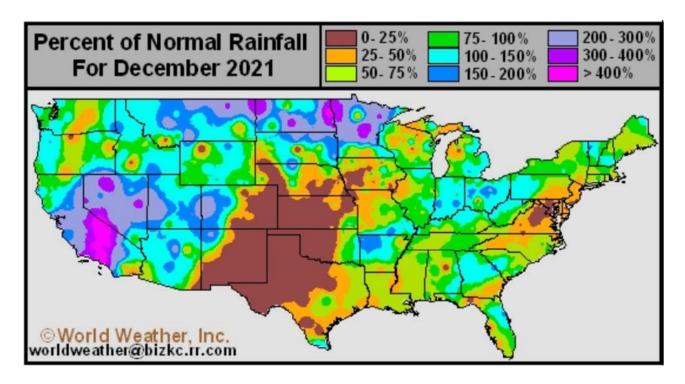
#### World Weather Inc.

WORLD WEATHER HIGHLIGHTS FOR JANUARY 10, 2022

- Argentina crop damage will continue through Saturday due to excessive heat, no rain and dry soil.
  - o Early planted crops are reproducing and losing yield in this environment.
  - o The most recently planted crops may wither and die in this environment as well.
  - o Most other crops will struggle with varying degrees of stress.
  - Argentina will get rain of significance next week first in the north and later in the week in the south.
  - Relief will stop the decline in crop conditions and production, but it may not reverse the trend without a wet finish to the growing season.
  - Another ridge of high pressure is possible a little later this month and/or in February, although it might not be as brutal to the nation's crops.
- Brazil weather looks good or improving during the next two weeks with less frequent and less significant rain in the north after early this week and southern areas will see a good mix of rain and sun.
- Rio Grande do Sul and Paraguay will continue to deal with significant dryness and moisture stress, although a little relief is possible next week.
- Not much change elsewhere in the world.
  - South Africa and eastern Australia will see scattered showers and thunderstorms, although Queensland, Australia will need more rain over time.
  - o China will be wettest in the Yangtze River Basin which is normal for this time of year while the southern coastal provinces do not get much moisture.
  - o India is experiencing greater than usual precipitation this month raising the potential for high yielding winter crops in February.
  - o No threatening cold is expected in Europe, the CIS or U.S. winter crop areas.
  - The U.S. Plains and western Corn Belt will remain drier biased as well as California and the southwestern states for the next two weeks.

Source: World Weather, inc.

Eastern US soil moisture levels are very good, but US winter wheat crop areas out west could use additional precipitation.



### **Bloomberg Ag Calendar**

Monday, Jan. 10:

- USDA export inspections corn, soybeans, wheat, 11am
- Malaysian Palm Oil Board's data for December output, exports and stockpiles
- Malaysia's Jan. 1-10 palm oil exports
- Ivory Coast cocoa arrivals
- HOLIDAY: Japan

#### Tuesday, Jan. 11:

- EU weekly grain, oilseed import and export data
- Brazil's Conab releases data on area, yield and output of corn and soybeans

#### Wednesday, Jan. 12:

- China farm ministry's CASDE outlook report
- USDA's monthly World Agricultural Supply and Demand Estimates (WASDE) report, noon
- USDA's NASS 2021 summary of crop acreages and yields, noon
- USDA's quarterly stockpiles data for commodities, including wheat, barley, corn, soybeans and sorghum, noon
- EIA weekly U.S. ethanol inventories, production
- USDA's Farm Service Agency issues 2021 crop size data gathered from producers, 1pm
- New Zealand Commodity Price

#### Thursday, Jan. 13:

- USDA weekly net-export sales for corn, soybeans, wheat, cotton, pork and beef, 8:30am
- Suedzucker quarterly earnings
- Agrana nine- month earnings
- International Grains Council monthly report
- Port of Rouen data on French grain exports

#### Friday, Jan. 14:

- China's December trade data
- ICE Futures Europe weekly commitments of traders report, ~1:30pm

• CFTC commitments of traders weekly report on positions for various U.S. futures and options, 3:30pm Source: Bloomberg and FI

## Reuters poll for USDA December 1 US stocks

PREDICTING USDA FOR 2021-22:

|                        | 2021    |        |       |
|------------------------|---------|--------|-------|
|                        | Wheat   | Corn   | Soy   |
| Average trade estimate | 1.421   | 11.602 | 3.129 |
| Highest trade estimate | 1.690   | 11.951 | 3.227 |
| Lowest trade estimate  | 1.315   | 11.200 | 2.975 |
| High-Low               | 0.375   | 0.751  | 0.252 |
| USDA Sept. 1, 2021     | 1.780   | 1.236  | 0.256 |
| USDA Dec. 1, 2020      | 1.703   | 11.294 | 2.947 |
| Average - Dec '20      | (0.282) | 0.308  | 0.182 |
| Futures International  | 1.315   | 11.804 | 3.040 |
| 0 0 1 1004 151         |         |        |       |

Source: Reuters, USDA and FI

## Reuters poll for US Ending Stocks

PREDICTING USDA FOR 2021-22:

|                        | 2021/22 |         |          |
|------------------------|---------|---------|----------|
|                        | Wheat   | Corn    | Soybeans |
| Average trade estimate | 0.608   | 1.472   | 0.348    |
| Highest trade estimate | 0.638   | 1.550   | 0.411    |
| Lowest trade estimate  | 0.580   | 1.386   | 0.305    |
| High-Low               | 0.058   | 0.164   | 0.106    |
| USDA December          | 0.598   | 1.493   | 0.340    |
| Average - USDA         | 0.010   | (0.021) | 0.008    |
| Futures International  | 0.593   | 1.455   | 0.358    |
| 0 0 1 1004 151         |         |         |          |

Source: Reuters, USDA and FI

### **Reuters poll for US Winter Wheat Plantings**

PREDICTING 2022 US AREA IN MILLION ACRES

|                           | Total  | Hard red | Soft red | White  |
|---------------------------|--------|----------|----------|--------|
|                           | winter | winter   | winter   | winter |
| Average trade estimate    | 34.255 | 24.0     | 6.555    | 3.577  |
| Highest trade estimate    | 35.550 | 25.0     | 7.000    | 4.000  |
| Lowest trade estimate     | 33.400 | 23.4     | 5.790    | 3.418  |
| High-Low                  | 2.150  | 1.570    | 1.210    |        |
| USDA final 2021 plantings | 33.648 | 23.5     | 6.648    | 3.506  |
| Average - USDA            | 0.607  | 0.540    | (0.093)  |        |
| Futures International     | 34.250 | 23.9     | 6.748    | 3.569  |
|                           |        |          |          |        |

Source: Reuters, USDA and FI

## **Reuters poll for US Production**

PREDICTING USDA FOR 2021 US PRODUCTION AND YIELD:

|                        | Corn   |       |          | Soybeans |       |          |
|------------------------|--------|-------|----------|----------|-------|----------|
|                        | Output | Yield | Harvest* | Output   | Yield | Harvest* |
| Average trade estimate | 15.069 | 177.0 | 85.186   | 4.433    | 51.3  | 86.447   |
| Highest trade estimate | 15.347 | 179.0 | 86.400   | 4.484    | 51.9  | 86.911   |
| Lowest trade estimate  | 14.932 | 175.5 | 84.700   | 4.396    | 50.9  | 86.000   |
| High-Low               | 0.415  | 3.500 | 1.700    |          |       |          |
| USDA November          | 15.062 | 177.0 | 85.085   | 4.425    | 51.2  | 86.436   |
| Average - USDA         | 0.007  | 0.0   | 0.101    | 0.008    | 0.1   | 0.011    |
| Futures International  | 15.049 | 176.8 | 85.120   | 4.440    | 51.4  | 86.384   |

Source: Reuters, USDA and FI \*Harvest implied calc.

## **Reuters poll for South American Production**

PREDICTING USDA

|                        | 2021/22   |         |        |         |
|------------------------|-----------|---------|--------|---------|
|                        | Argentina |         | Brazil |         |
|                        | Corn      | Soybean | Corn   | Soybean |
| Average trade estimate | 53.6      | 48.1    | 116.2  | 141.6   |
| Highest trade estimate | 55.5      | 49.5    | 118.0  | 144.0   |
| Lowest trade estimate  | 52.0      | 45.0    | 114.0  | 140.0   |
| High-Low               | 3.5       | 4.5     | 4.0    | 4.0     |
| USDA December          | 54.5      | 49.5    | 118.0  | 144.0   |
| Average - USDA         | (0.9)     | (1.4)   | (1.8)  | (2.4)   |
| Futures International  | 53.5      | 48.0    | 117.0  | 140.0   |

Source: Reuters, USDA and FI

## Reuters poll for USDA world crop end stocks

PREDICTING USDA FOR 2021-22:

|                        | 2021-22 |       |          |
|------------------------|---------|-------|----------|
|                        | Wheat   | Corn  | Soybeans |
| Average trade estimate | 278.7   | 304.1 | 99.9     |
| Highest trade estimate | 280.5   | 307.0 | 103.6    |
| Lowest trade estimate  | 275.0   | 302.0 | 95.0     |
| High-Low               | 5.6     | 5.0   | 8.6      |
| Futures International  | 277.5   | 302.0 | 98.5     |
| Average - USDA         | 1.2     | 2.1   | 1.4      |

Source: Reuters, USDA and FI

### Bloomberg trade estimates for the January USDA crop/stocks reports.

| Wasde, US 2021 Supply     | US Corn Acres<br>Harvested | US Corn Yield | US Corn<br>Production | US Soy Acres<br>Harvested | US Soy Yield | US Soy<br>Production |
|---------------------------|----------------------------|---------------|-----------------------|---------------------------|--------------|----------------------|
| Average                   | 85.120                     | 177.1         | 15078                 | 86.423                    | 51.3         | 4434                 |
| Prior                     | 85.100                     | 177.0         | 15062                 | 86.400                    | 51.2         | 4425                 |
| Average-Prior             | 0.020                      | 0.1           | 16                    | 0.023                     | 0.1          | 9                    |
| ^High                     | 85.500                     | 178.5         | 15190                 | 86.750                    | 51.9         | 4484                 |
| ^Low                      | 84.700                     | 176.0         | 14941                 | 86.000                    | 50.9         | 4396                 |
| High-Low                  | 0.800                      | 2.5           | 249                   | 0.750                     | 1.0          | 88                   |
| Futures International LLC | 85.120                     | 176.8         | 15049                 | 86.384                    | 51.4         | 4440                 |

|                           | <b>-</b>       |               | _             |               |               |               |
|---------------------------|----------------|---------------|---------------|---------------|---------------|---------------|
| \M   -                    | US Corn Ending | US Soy Ending | US Wheat      | World Corn    | World Soybean | World Wheat   |
| Wasde, US Ending Stocks   | Stocks         | Stocks        | Ending Stocks | Ending Stocks | Ending Stocks | Ending Stocks |
| Average                   | 1483           | 353           | 609           | 304           | 100           | 279           |
| Prior                     | 1493           | 340           | 598           | 306           | 102           | 278           |
| Average-Prior             | (10)           | 13            | 11            | (2)           | (2)           | 1_            |
| ^High                     | 1600           | 411           | 648           | 307           | 104           | 281           |
| ^Low                      | 1359           | 305           | 580           | 295           | 95            | 275           |
| High-Low                  | 241            | 106           | 68            | 12            | 9             | 6             |
| Futures International LLC | 1455           | 358           | 593           | 302           | 99            | 278           |

| Wasde, SA Production      | Argentina Corn | Argentina<br>Soybeans | Brazil Corn | Brazil Soybeans |
|---------------------------|----------------|-----------------------|-------------|-----------------|
| Average                   | 53.6           | 48.2                  | 116.2       | 141.6           |
| Prior                     | 54.5           | 49.5                  | 118.0       | 144.0           |
| Average-Prior             | (0.9)          | (1.3)                 | (1.8)       | (2.4)           |
| ^High                     | 55.5           | 49.5                  | 118.0       | 144.0           |
| ^Low                      | 52.0           | 45.0                  | 114.0       | 139.5           |
| High-Low                  | 3.5            | 4.5                   | 4.0         | 4.5             |
| Futures International LLC | 53.5           | 48.0                  | 117.0       | 140.0           |

| Wasda Quarterly Crain Stacks  | Quarterly Corn | Quarterly      | Quarterly Wheat |
|-------------------------------|----------------|----------------|-----------------|
| Wasde, Quarterly Grain Stocks | Stocks         | Soybean Stocks | Stocks          |
| Average                       | 11607          | 3128           | 1415            |
| Prior                         | 11294          | 2947           | 1703            |
| Average-Prior                 | 314            | 181            | (288)           |
| ^High                         | 11951.0        | 3227.0         | 1680.0          |
| ^Low                          | 11200.0        | 2975.0         | 1315.0          |
| High-Low                      | 751            | 252            | 365             |
| Futures International LLC     | 11804          | 3040           | 1315            |

| Manda What Candings       | US All Winter  | US HRW Wheat | US SRW Wheat | US White Winter |
|---------------------------|----------------|--------------|--------------|-----------------|
| Wasde, Wheat Seedings     | Wheat planting | planting     | planting     | Wheat planting  |
| Average                   | 34.273         | 24.034       | 6.555        | 3.595           |
| Prior                     | 33.648         | 23.494       | 6.648        | 3.506           |
| Average-Prior             | 0.6            | 0.5          | (0.1)        | 0.1             |
| ^High                     | 35.600         | 24.970       | 7.000        | 4.000           |
| ^Low                      | 33.250         | 23.200       | 5.790        | 3.450           |
| High-Low                  | 2.350          | 1.770        | 1.210        | 0.550           |
| Futures International LLC | 34.250         | 23.933       | 6.748        | 3.569           |

| <b>CBOT Deliveries and I</b>                      | Registrations |                |                    |          |            |             |
|---|---------------|----------------|--------------------|----------|------------|-------------|
|   | Deliveries    |                |                    |          | Reg.       | Reg. Change |
| Soybeans  | 101           | Term issued 19 | . Customer JP issu | ued 24   | 481        | (92)        |
| Soybean Meal                                      | 0             |                |                    |          | 0          | 0           |
| Soybean Oil                                       | 0             |                |                    |          | 143        | 0           |
| Corn  | NA            |                |                    |          | 50         | 0           |
| Oats  | NA            |                |                    |          | 25         | 0           |
| Chi. Wheat  | NA            |                |                    |          | 1,900      | 0           |
| KC Wheat  | NA            |                |                    |          | 92         | 0           |
| Rice  | 0             |                |                    |          | 519        | 0           |
| Ethanol   | 0             |                |                    |          | 0          | 0           |
| MN Wheat  | NA            |                |                    |          |            |             |
| Registrations                                     |               |                |                    | Previous |            | Change      |
| Soybeans  |               |                |                    |          |            |             |
| CONSOLIDATED GRAIN &                              |               | 132            | 01/07/2022         | 220      | 12/31/2021 | (88)        |
| ZEN-NOH GRAIN CORPOL Source: CBOT, Reuters and FI | rutica, il    | 60             | 01/07/2022         | 64       | 11/30/2021 | (4)         |

| <b>CBOT Open Inter</b>  | est           |          |           |         |                   |         |
|-------------------------|---------------|----------|-----------|---------|-------------------|---------|
|                         |               |          |           |         | <b>Total Open</b> |         |
| CBOT Product            |               |          | Prompt OI | Change  | Interest*         | Change  |
| Soybeans                | Sv1           | Mar 22   | 312,129   | 2,813   | 670,120           | 14,731  |
| Soy Oil                 | BOv1          | Mar 22   | 154,551   | (1,090) | 389,559           | 3,864   |
| Soy Meal                | SMv1          | Mar 22   | 191,335   | 3,348   | 399,955           | 4,898   |
| Corn                    | Cv1           | Mar 22   | 700,196   | (7,836) | 1,511,039         | (95)    |
| Oats                    | Oc1           | Mar 22   | 2,946     | (49)    | 4,092             | (47)    |
| CHI Wheat               | Wv1           | Mar 22   | 177,204   | (2,579) | 371,590           | 966     |
| KC Wheat                | KWv1          | Mar 22   | 109,187   | (5,016) | 218,887           | (5,264) |
| Rice                    | RRc2          | Mar 22   | 7,212     | 62      | 7,694             | 78      |
|                         |               |          |           |         | <b>Total Open</b> |         |
| CME Product             |               |          |           |         | Interest*         | Change  |
| Live Cattle             | LCc2          | Dec 17   | 108,427   | 1,250   | 331,529           | (3,914) |
| Lean Hogs               | LHc2          | Dec 17   | 66,597    | 1,431   | 220,533           | (3,143) |
| *Previous day prelimina | ry data as of | 1/7/2022 |           |         |                   |         |

| Top 15 most active option |               | Current  | Open Interest |
|---------------------------|---------------|----------|---------------|
|                           | TL Globex/Pit | Open     | Change from   |
| Option Strike             | Volume        | Interest | previous day  |
| H 1400C                   | 5,564         | 12,365   | + 880         |
| H 1300P                   | 4,040         | 7,302    | + 1,410       |
| H 640C                    | 3,894         | 9,416    | - 269         |
| H 1380C                   | 3,865         | 4,518    | - 2,674       |
| 1H 400P                   | 3,863         | 3,001    | + 2,289       |
| 1440C                     | 3,722         | 9,357    | + 2,614       |
| 600C                      | 3,439         | 11,006   | + 2,095       |
| 600P                      | 3,285         | 2,499    | + 2,381       |
| 600C                      | 3,156         | 23,324   | - 130         |
| 620C                      | 3,154         | 9,553    | - 1,577       |
| 680C                      | 2,900         | 3,464    | + 2,098       |
| 1500C                     | 2,854         | 5,415    | + 324         |
| H 390P                    | 2,689         | 2,382    | - 1,152       |
| 620C                      | 2,444         | 6,356    | + 1,067       |

2,377

2,522

- 368

\*Previous day preliminary data as of

SH 1320P

1/8/2022

# Conab Brazil Supply / Estimates

|                                 | <b>7</b>  |                |             |          | •         |        |
|---------------------------------|-----------|----------------|-------------|----------|-----------|--------|
| Soybeans                        | Dec 21/22 | Bloomberg Est. | Low-High    | FI 21/22 | Dec 20/21 | 19/20  |
| Est. Production (Million MT)    | 142.79    | 135.8          | 132.0-140.5 | 139.21   | 137.32    | 124.84 |
| Est. Yield (000 Kg/Hectare)     | 3.539     | 3.360          | 3.26-3.48   | 3.450    | 3.528     | 3.379  |
| Est. Area (Million Hectares)    | 40.352    | 40.49          | 40.4-40.6   | 40.352   | 38.926    | 36.950 |
| Corn                            | Dec 21/22 | Bloomberg Est. | Low-High    | FI 21/22 | Dec 20/21 | 19/20  |
| Est. Production (MMT)           | 117.18    | 115.7          | 111.3-117.6 | 116.74   | 87.05     | 102.59 |
| Est. Yield (000 Kg/Hectare)     | 5.596     | 5.550          | 5.35-5.65   | 5.575    | 4.367     | 5.537  |
| Est. Area (Million Hectares)    | 20.939    | 20.87          | 20.5-21.3   | 20.940   | 19.932    | 18.527 |
| Source: Conab, Bloomberg and FI |           |                |             |          |           |        |

| FI ESTIMATES FOR  | R US EXPORT INSPECTION | IS        |             |
|-------------------|------------------------|-----------|-------------|
| Million Bushels   | FI Estimates           | Last Week | 5-Year Ave. |
| WHEAT             | 7 to 11                | 5.2       | 13.9        |
| CORN              | 30 to 39               | 23.5      | 35.8        |
| SOYBEANS          | 44 to 53               | 43.8      | 49.7        |
| Million Tons      | FI Estimates           | Last Week | 5-Year Ave. |
| WHEAT             | 200 to 300             | 141.8     | 377.5       |
| CORN              | 750 to 1,000           | 596.1     | 908.2       |
| SOYBEANS          | 1,200 to 1,450         | 1,191.7   | 1353.1      |
| Source: USDA & FI |                        |           |             |

#### **CFTC Commitment of Traders**

Largest discrepancy in the Commitment of Traders reports was that the funds net long position was not as long as expected, by 19,700 contracts. The funds were also not as long as expected for soybeans, by 8,700. Both position results may have little impact on prices. The net long traditional fund position for corn was down a small amount as of last Tuesday and for soybeans the net long position is highest since July 13, 2021. Chicago wheat is headed to near a flat position for funds futures only if prices continue to decline.

|            | Corn   | Bean  | Chi. Wheat | Meal | Oil  |
|------------|--------|-------|------------|------|------|
| Actual     | 445.5  | 130.6 | 4.1        | 99.0 | 49.7 |
| Estimated* | 465.2  | 139.3 | 0.9        | 91.7 | 48.6 |
| Difference | (19.7) | (8.7) | 3.2        | 7.3  | 1.1  |

### **TRADITIONAL FUNDS net position changes**

Wed to Tue, in 000 contracts

|                            | Corn   | Bean | Meal | Oil  | Chi. Wheat | KC Wheat | Min Wheat |
|----------------------------|--------|------|------|------|------------|----------|-----------|
| Futures Only               | (12.7) | 5.3  | 7.3  | 9.1  | (1.9)      | (7.6)    | (2.7)     |
| Futures & Options Combined | (10.5) | 5.3  | 6.1  | 10.2 | (5.2)      | (8.6)    | (2.7)     |

### **MANAGED MONEY net position changes**

| _                          | Corn  | Bean | Meal | Oil | Chi. Wheat | KC Wheat | Min Wheat |
|----------------------------|-------|------|------|-----|------------|----------|-----------|
| Futures Only               | (7.2) | 1.2  | 9.6  | 7.3 | (8.5)      | (7.4)    | (2.5)     |
| Futures & Options Combined | (7.4) | 0.8  | 9.6  | 7.8 | (8.1)      | (7.6)    | (2.5)     |

#### Macros

New Covid variant called 'Deltacron' detected in Cyprus; 25 cases so far <a href="https://www.wionews.com/world/new-covid-variant-called-deltacron-detected-in-cyprus-25-cases-so-far-443447">https://www.wionews.com/world/new-covid-variant-called-deltacron-detected-in-cyprus-25-cases-so-far-443447</a>

| Prices as    | 1/10/22     | 7:36 AM  |           |
|--------------|-------------|----------|-----------|
|              | Month       | Price    | Change    |
| USD          | Index       | 96.016   | 0.297     |
| EUR/USD      | Spot        | 1.1315   | (0.004)   |
| USD/BRL      | Bid         | 5.6566   | 0.021     |
| BITCOIN      | BTCc1       | \$40,810 | (\$1,060) |
| WTI Crude    | FEB2        | 78.57    | (0.330)   |
| Brent        | MAR2        | 81.47    | (0.280)   |
| Nat Gas      | FEB2        | 4.171    | 0.255     |
| DJ Mini      | MAR2        | 36012    | (95)      |
| US 10-Yr     | MAR2        | 128 6/32 | - 4/32    |
| Gold         | FEB2        | 1796.3   | (1.100)   |
| Source: Fl a | ind Reuters |          |           |

#### Corn

- CBOT corn traded lower in weakness in wheat and improving South American weather with rains developing across southern Brazil and Argentina later this week. Over the weekend it was hot and dry.
- WTI crude oil and equities are lower.

### Export developments.

• The Korea Feed Association (KFA) bought around 130,000 tons of optional origin corn in two consignments each of about 65,000 tons, both at an estimated \$334.17 a ton c&f. The first consignment was sought for arrival around March 30 and second consignment was sought for arrival around April 20.

Solar power will account for nearly half of new U.S. electric generating capacity in 2022 <a href="https://www.eia.gov/todayinenergy/detail.php?id=50818&src=email">https://www.eia.gov/todayinenergy/detail.php?id=50818&src=email</a>

#### Soybeans

- CBOT soybeans are lower on improving South American weather and technical selling after March soybeans rallied and closed above \$14/bu on Friday. USD was 30 points higher. Funds are still holding a large net long positions. As of last Tuesday, the soybean the net long position was the highest since July 13.
- Soybean oil traded two-sided in part to bullish Malaysian palm oil stocks data. Soybean meal rebounded from overnight session lows. Cold US temperatures over the weekend aided feed demand.
- March oil share is running at around 40.9%, lower end of a 6-month range.
- Over the weekend we heard Brazil crush margins rocketed higher after CBOT soybean meal futures appreciated last week.
- Russia's export duty on sunflower oil exports from February 1 will be \$251.4 per ton, compared to \$280.8 per ton in January 2022. The duty was calculated on the basis of the indicative price of \$1,359.2 per ton.
- Heavy rains and thunderstorms are expected over parts of Indonesia's Sumatra and Kalimantan on Monday.
- Cargo surveyor AmSpec reported Malaysian Jan 1-10 palm exports at 318,928 million tons, 41.4% below the same period a month ago of 544,059. Cargo surveyor ITS reported Malaysian palm exports at 334,750 tons, 41.5 percent below 572,689 tons from the same period a month ago.

 Malaysian MPOB data was viewed bullish. Malaysian palm stocks at the end of December were much smaller than expected at 1.583 million tons, 145,500 tons below expectations and down 13% from end of November. Stocks are still 25 percent higher than a year earlier. Production fell 11% to 1.451 million tons, 43,000 tons below expectations. Exports were a little better than expected and imposts were slightly higher than trade expectations.

| Malaysian N | /IPOB palm S | &D Reuters Pol | (volumes in tonnes) |           |           |           |        |           |           |        |
|-------------|--------------|----------------|---------------------|-----------|-----------|-----------|--------|-----------|-----------|--------|
|             | Dec-21       | Dec 2021 poll  | Range               | ActPoll   | Nov-21    | Oct-21    | MOM    | Dec-20    | YOY       | YOY %  |
| Output      | 1,450,905    | 1,493,894      | 1,390,000-1,780,000 | (42,989)  | 1,634,932 | 1,725,837 | -11.3% | 1,333,639 | 117,266   | 8.8%   |
| Stocks      | 1,583,040    | 1,728,508      | 1,666,000-1,900,000 | (145,468) | 1,817,061 | 1,834,568 | -12.9% | 1,265,698 | 317,342   | 25.1%  |
| Exports     | 1,414,566    | 1,396,071      | 1,350,000-1,420,000 | 18,495    | 1,465,518 | 1,420,574 | -3.5%  | 1,642,835 | (228,269) | -13.9% |
| Imports     | 102,768      | 86,500         | 0-150,000           | 16,268    | 97,891    | 50,450    | 5.0%   | 282,058   | (179,290) | -63.6% |

- Malaysian palm futures traded higher by 36 ringgit to 5,029. Overnight the contract hit an absolute record high of 5,123.
- Malaysian cash CPO was up \$7.50/ton to \$1,250.

| MALAYSIA PALM OIL               |       | 10-Jan     | 7-Jan      |        |            |
|---------------------------------|-------|------------|------------|--------|------------|
| Futures MYR/MT                  | MAR2  | 5029       | 4993       | +3     | 36 \$1,198 |
| RBD Olien Cash USD/MT           | Mar22 | \$1,250.00 | \$1,242.50 | \$7.50 | 0.6%       |
| US Gulf Crude SBO over RBD Palm | Spot  | \$53       | \$77       | -\$24  |            |

• China soybean futures traded 0.9% lower, meal up 0.9%, SBO up 0.1% and palm up slightly.

| China Futures (Set Prv. Settle) |      | 10-Jan   | 7-Jan    |                |
|---------------------------------|------|----------|----------|----------------|
| Soybeans #1 (DCE) CNY/MT        | MAR2 | 5823     | 5874     | -51 -0.9%      |
| Soybean Meal                    | MAR2 | 3418     | 3386     | +32 0.9%       |
| Soybean Oil                     | MAR2 | 9286     | 9274     | +12 0.1%       |
| China Palm Oil                  | MAR2 | 9520     | 9516     | +4 0.0%        |
| China Futures Crush Margin      |      |          |          |                |
| USD/BU                          | MAR2 | -2.49    | -2.63    | +0.14          |
| CNY/MT                          | MAR2 | -1434.21 | -1512.81 | +78.60         |
| Corn (DCE) CNY/MT               | MAR2 | 2650     | 2640     | +10 0.4%       |
| Wheat (ZCE) CNY/MT              | MAR2 | 2921     | 2921     | unchanged 0.0% |
| Hogs (ZCE) CNY                  | MAR2 | 13635    | 14020    | -385 -2.7%     |

- China soybean cash crush values on our analysis were running at 173 cents/bushels versus 183 at the end of last week and 198 year ago.
- Rotterdam soybean oil for the Feb-Apr position was about unchanged and Rotterdam rapeseed oil 25 euros higher from this time previous session. SA soybean meal when imported into Rotterdam was running mostly 13-21 euros higher.
- Offshore values are leading CBOT soybean oil 79 points higher and meal \$1.60 higher.

**August – November Canadian canola oil production** is running 14 percent below the same period year earlier.

CANADA'S CANOLA CRUSH - Statistics Canada reported monthly canola crush and production of meal and oil as follows, in thousand tonnes:

|                 |         |         |         | Pct   | Aug-N   | Pct     |       |  |
|-----------------|---------|---------|---------|-------|---------|---------|-------|--|
|                 | Nov '21 | Oct '21 | Nov '20 | Yr/Yr | 21/22   | 20/21   | Yr/Yr |  |
| Canola Crush    | 781.1   | 876.1   | 918.0   | -15   | 3,097.6 | 3,465.1 | -11   |  |
| Meal Production | 465.0   | 523.1   | 523.1   | -11   | 1,828.3 | 1,966.4 | -7    |  |
| Oil Production  | 325.5   | 360.2   | 395.6   | -18   | 1,293.6 | 1,499.8 | -14   |  |

Source: TNS, StatsCan, and FI

### **Export Developments**

- The USDA bought 12,000 tons of bulk crude degummed soybean oil for export, under the Food for Progress export program, to the Dominican Republic. Price paid was reported at \$1,388 per ton, with delivery Feb 5-15. (TNS)
- The USDA seeks 7,540 tons of vegetable oil in 4 liter cans for Feb 16-Mar 15 shipment on January 19.

#### Wheat

- US wheat is lower on a higher USD and technical selling. Positioning ahead of the USDA reports due out on Wednesday may keep wheat in a two-sided range over the next couple of days.
- EU wheat basis the March position was 0.25 lower at 274.25 euros a ton.
- Euronext will launch durum wheat futures on Tuesday.
- Ukraine exported 33.5 million tons of grain so far in the 2021-22 July-June season, up 23.2% from the same stage a season earlier. That included 16.1 million tons of wheat, 5.3 million tons of barley and 11.8 million tons of corn. Ukraine took in a record 84 million tons of grain in clean weight in 2021, up from 65 million tons in 2020.

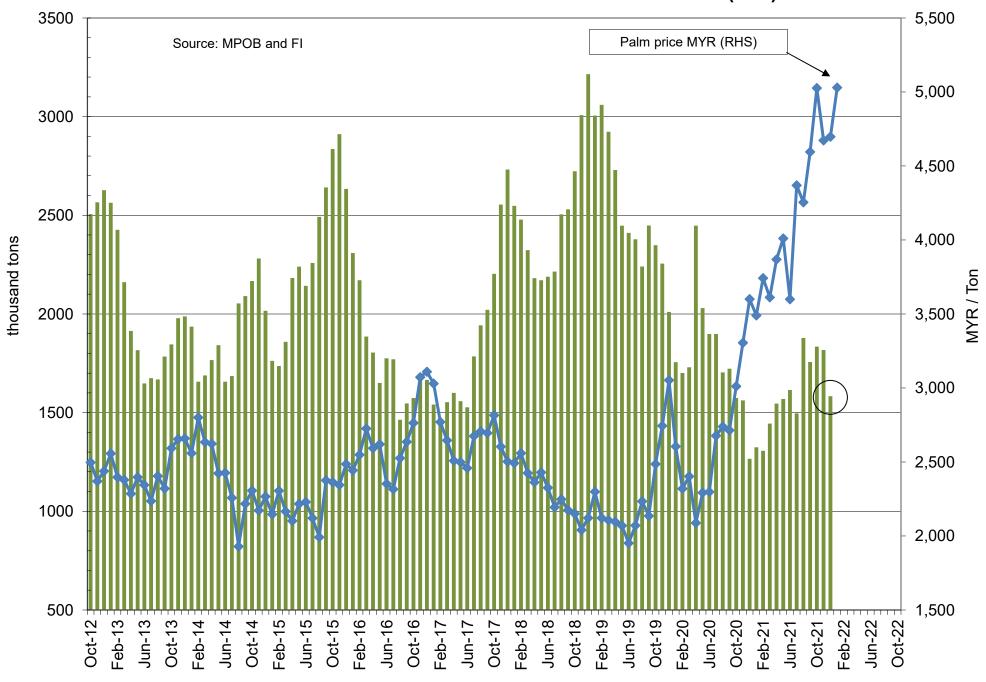
#### Export Developments.

- Iraq extended their deadline for 50,000 tons of wheat, set to now close on January 13 instead of the 3<sup>rd</sup>, from the US, Canada and Australia.
- China sold 100% or 506,568 tons of 2014-2020 crop-year wheat on January 5, to local millers at an average price of 2,707 yuan (\$424.73) per ton. China sold 891,938 tons of wheat at an auction from state reserves in October.
- China plans to sell 500,000 tons of wheat from state reserves on January 12 to flour millers.
- Jordan seeks 120,000 tons of wheat on January 18. Possible shipment combinations are in 2022 between July 1-15, July 16-31, Aug. 1-15 and Aug. 16-31.

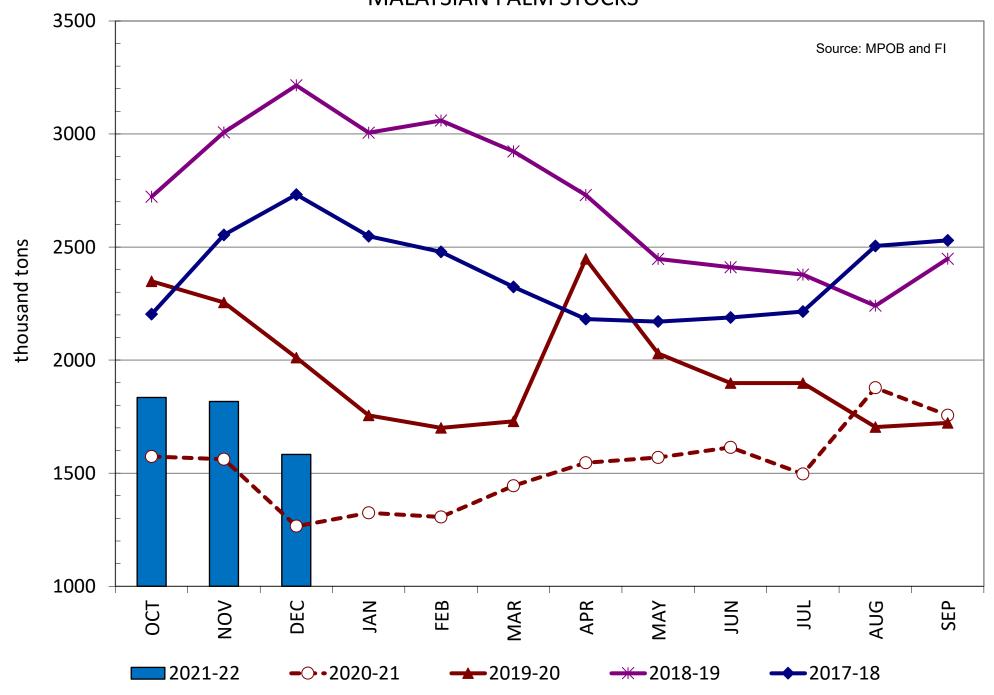
#### Rice/Other

- (Bloomberg) -- U.S. 2021-22 cotton ending stocks seen as 3.46m bales, slightly above USDA's previous est., according to the avg in a Bloomberg survey of seven analysts. Estimates range from 3.0m to 3.85m bales. Global ending stocks seen 125,000 bales lower at 85.61m bales.
- Bangladesh seeks 50,000 tons of rice on January 16.

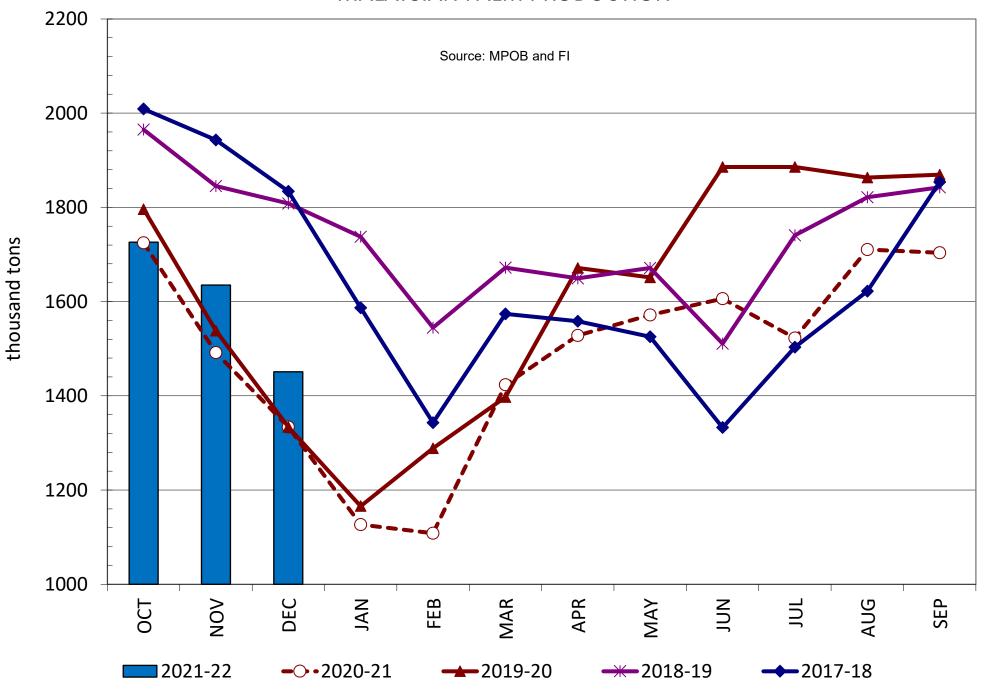
## MALAYSIAN PALM STOCKS vs. PALM FUTURES (line)



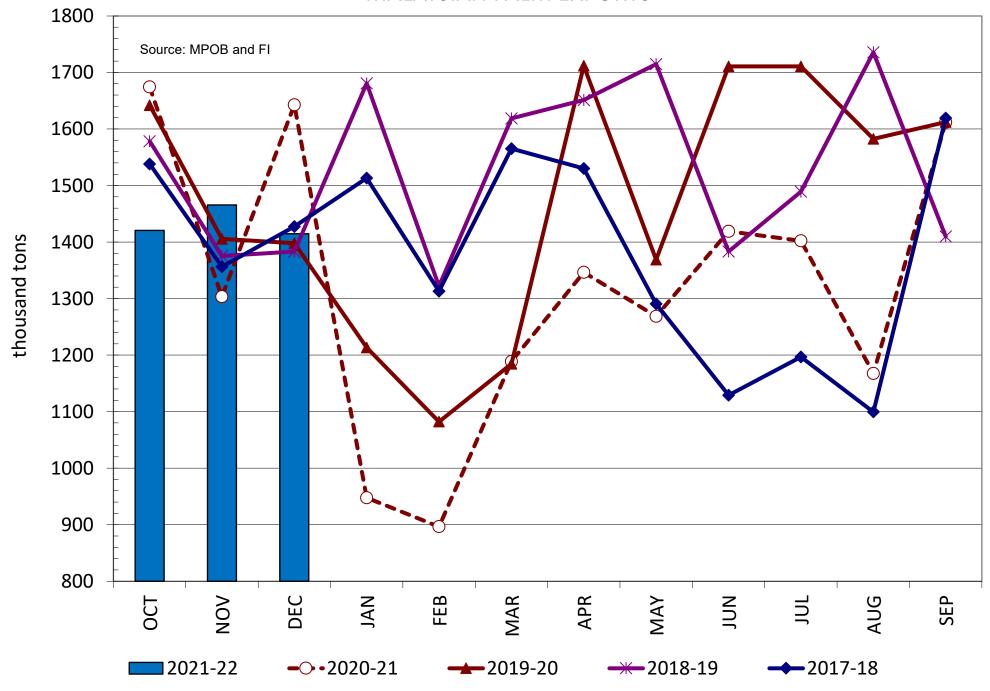
## MALAYSIAN PALM STOCKS



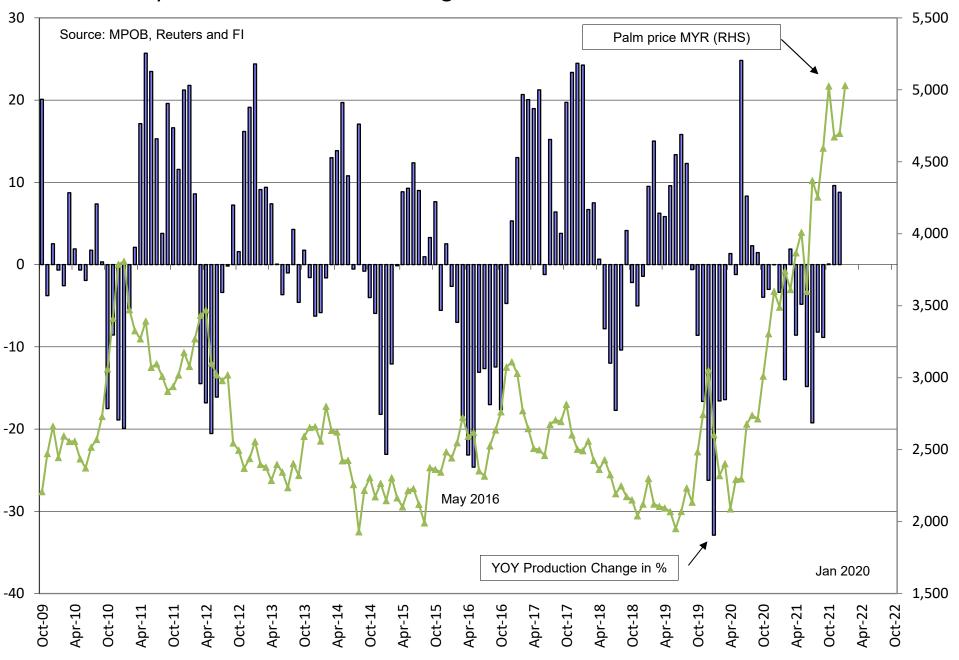
# MALAYSIAN PALM PRODUCTION



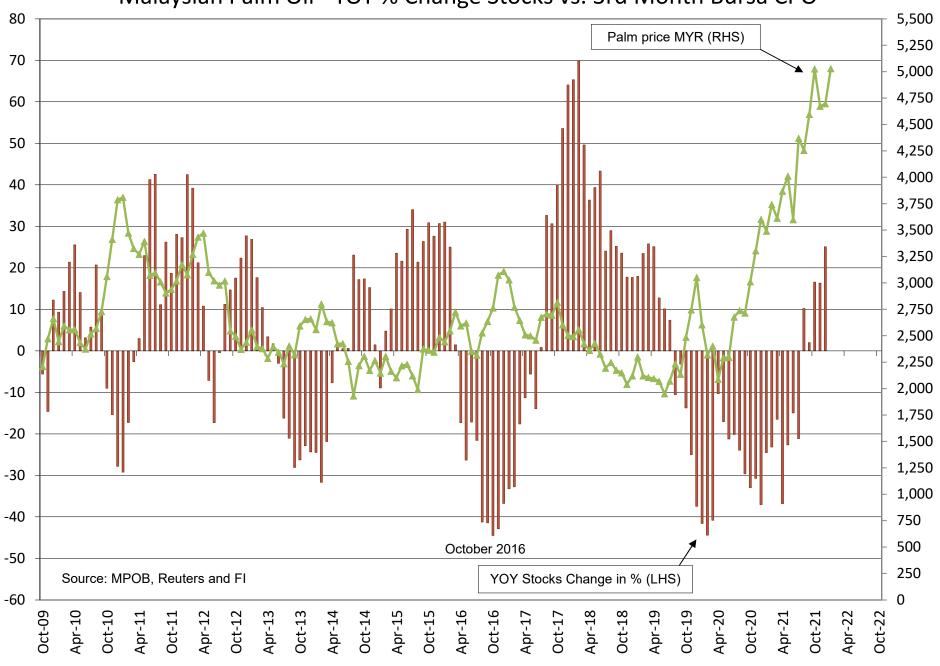
## MALAYSIAN PALM EXPORTS



# Malaysian Palm Oil - YOY % Change Production vs. 3rd Month Bursa CPO



# Malaysian Palm Oil - YOY % Change Stocks vs. 3rd Month Bursa CPO



# **Foreign Agriculture Market Guidance**

As of 6:12 AM

| 1 of Cigit / Igi icarta            |        |        | Gaidai        |               |           |                | A3 C           | O.12 AIVI                 |      |
|------------------------------------|--------|--------|---------------|---------------|-----------|----------------|----------------|---------------------------|------|
| Day on day change                  |        |        |               |               |           |                | Currency a     | djusted to the CME pit cl | lose |
|                                    |        |        | 10-Jan        | 7-Jan         | Chang     | e              | In cents/bu    | 10-Jan                    |      |
| Rotterdam Oils                     |        |        |               |               |           |                | oils in points | and meal in USD/short ton |      |
| Soy oil EUR/MT                     | Feb,   | 'Apr   | 1,296.67      | 1,296.67      | unchanged |                | Rot soy        | oil +26                   |      |
| Rape oil EUR/MT                    | Feb,   | 'Apr   | 1,675.00      | 1,650.00      | +25.0     | 00             | Rot rape       | e oil +158                |      |
| Rotterdam Soybean Meal             |        |        |               |               |           |                |                |                           |      |
| Argentina USD/MT (high protien)    | Jan/   | Mar    | 536.00        | 515.33        | +20.6     | 57             | Rot m          | ieal                      |      |
| Argentina USD/MT                   | Apr    | 'Sep   | 505.00        | 492.00        | +13.0     | 00             | Jan/N          | Mar \$3.02                |      |
| Brazil USD/MT (pellets)            | Jan/   | -      | 529.67        | 514.67        | +15.0     | 00             | Rot m          |                           |      |
| Brazil USD/MT                      | Apr    |        | 497.00        | 484.00        | +13.0     |                | Apr/           | Sep \$1.73                |      |
| MALAYSIA PALM OIL                  |        |        | 10-Jan        | 7-Jan         |           |                |                |                           |      |
| Futures MYR/MT                     | MAI    | R2     | 5029          | 4993          | +3        | 36 \$1,198     | Malaysian      | Fut +62                   | 0.7% |
| RBD Olien Cash USD/MT              | Mar    | 22     | \$1,250.00    | \$1,242.50    | \$7.50    | 0.6%           | Malaysian C    | ash +46                   |      |
| US Gulf Crude SBO over RBD Palm    | Spo    | t      | \$53          | \$77          | -\$24     |                | •              |                           |      |
| China Futures (Set Prv. Settle)    |        |        | 10-Jan        | 7-Jan         |           |                |                |                           |      |
| Soybeans #1 (DCE) CNY/MT           | MAI    | R2     | 5823          | 5874          | -5        | 51 -0.9%       | China soy      | · #1 -42                  |      |
| Soybean Meal                       | MAI    | R2     | 3418          | 3386          | +3        | 32 0.9%        | China m        |                           |      |
| Soybean Oil                        | MAI    | R2     | 9286          | 9274          | +1        | 12 0.1%        | China          |                           |      |
| ,<br>China Palm Oil                | MAI    |        | 9520          | 9516          |           | <b>+4</b> 0.0% |                |                           |      |
| China Futures Crush Margin         |        |        |               |               |           |                |                |                           |      |
| USD/BU                             | MAI    | R2     | -2.49         | -2.63         | +0.1      | 14             |                |                           |      |
| CNY/MT                             | MAI    |        | -1434.21      | -1512.81      | +78.6     |                |                |                           |      |
| Corn (DCE) CNY/MT                  | MAI    |        | 2650          | 2640          |           | 10 0.4%        | Dalian c       | orn +2                    |      |
| Wheat (ZCE) CNY/MT                 | MAI    |        | 2921          | 2921          | unchanged | 0.0%           | Gluten Wh      |                           |      |
| Hogs (ZCE) CNY                     | MAI    |        | 13635         | 14020         | _         | 35 -2.7%       | Gluten Wil     | eat -II                   |      |
| China Cash                         | IVIAI  | 12     | 10-Jan        | 7-Jan         | -30       | 33 -2.7%       |                |                           |      |
|                                    | Cno    |        | \$1.73        |               | 0.1       | 10             |                |                           |      |
| Cash Soybean Crush USD/BU          | Spo    |        | -             | \$1.83        | -0.1      |                |                |                           |      |
| Average Cash Wheat USD/BU          |        |        | \$12.34       | \$12.31       | +0.0      |                |                |                           |      |
| Average Cash Corn USD/BU           | C      |        | \$10.74       | \$10.74       | +0.0      |                | 200            | 25                        |      |
| Corn North USD/BU                  | Spo    |        | \$9.83        | \$9.83        | +0.0      |                | 308            |                           |      |
| Corn South USD/BU                  | Spo    |        | \$11.35       | \$11.35       | +0.0      |                | 300            |                           |      |
| Reuters Imported Corn South USD/BU | Spot   |        | \$8.73        | \$8.75        | -0.0      | 03             |                | 7.5                       |      |
| Matif Wheat (Liffe)                |        | \$/ton | \$309.06      | \$303.10      |           |                |                |                           |      |
| Matif EUR/MT morning over morning  | MA     |        | 273.00        | 268.25        | +4.7      | 75             | Matif morn     | ing +3.74                 |      |
| Politic Providentors               | Co. at |        | 2200          | 2206          |           | _              |                |                           |      |
| Baltic Dry Index                   | Spo    |        | 2289<br>7-Jan | 2296<br>6-Jan |           | -7             |                | ALL OILS                  |      |
| Exchange Rates                     |        |        |               |               |           |                |                | Average lead              |      |
| EU                                 | Euro   | /\$    | 1.1321        | 1.1299        | +0.002    | 22             |                | 79                        |      |
| MYR                                | Ring   | git/\$ | 4.1980        | 4.2070        | -0.009    | 90             |                | ALL MEAL                  |      |
| CNY                                | RME    |        | 6.3715        | 6.3780        | -0.006    | 55             |                | Average lead              |      |
|                                    |        |        |               |               |           |                |                | \$1.59                    |      |
|                                    |        |        |               |               |           |                |                |                           |      |
| CME electronic close change        | CETT   | 124.25 | CMESS         | .42.40        | BOF2      | 22             | 1E CI          | 177 .2.00                 |      |
|                                    | SF22   | +24.25 | SMF22         | +13.10        |           |                |                | H22 +3.00                 |      |
|                                    | SH22   | +23.00 | SMH22         | +14.00        | BOH2      |                |                | K22 +3.25                 |      |
|                                    | SK22   | +22.75 | SMK22         | +12.30        | BOK2      |                |                | N22 +2.25                 |      |
|                                    | SN22   | +22.50 | SMN22         | +11.10        | BON2      | 22             | -5 WI          | H22 +12.50                |      |
|                                    | SQ22   | +20.00 | SMQ22         | +10.00        | BOQ2      | 22             | +2 WI          | K22 +10.75                |      |
|                                    | SU22   | +19.25 | SMU22         | +9.20         | BOU2      | 22             | +2 WN          | N22 +8.25                 |      |
|                                    | SX22   | +15.25 | SMZ22         | +7.70         | BOZ2      | 22             | +4 WU          | J22 +6.75                 |      |

#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

#### CME CLEARING - CHICAGO BOARD OF TRADE

DLV600-T

BUSINESS DATE: 01/07/2022 DAILY ISSUES AND STOPS RUN DATE: 01/07/2022

PRODUCT GROUP: GRAINS RUN TIME: 09:20:28PM

CONTRACT: JANUARY 2022 SOYBEAN MEAL FUTURES

SETTLEMENT: 433.500000000 USD

NEXT AVAILABLE DATE: 12/29/2021

INTENT DATE: DELIVERY DATE:

FIRM NBR ORIG FIRM NAME ISSUED STOPPED

TOTAL: 0 0

MONTH TO DATE:

CONTRACT: JANUARY 2022 SOYBEAN OIL FUTURES

SETTLEMENT: 58.63000000 USD

NEXT AVAILABLE DATE: 12/30/2021

INTENT DATE: DELIVERY DATE:

FIRM NBR ORIG FIRM NAME ISSUED STOPPED

\_\_\_\_

TOTAL: 0 0

MONTH TO DATE: 87

CONTRACT: JANUARY 2022 ROUGH RICE FUTURES

SETTLEMENT:

NEXT AVAILABLE DATE: NO LONG DATES REPORTED

INTENT DATE: DELIVERY DATE:

FIRM NBR ORIG FIRM NAME ISSUED STOPPED

\_\_\_\_

TOTAL: 0 0

MONTH TO DATE: 243

CONTRACT: JANUARY 2022 SOYBEAN FUTURES

SETTLEMENT: 14.015000000 USD

NEXT AVAILABLE DATE: 01/06/2022

INTENT DATE: 01/07/2022 DELIVERY DATE: 01/11/2022

FIRM NBR ORIG FIRM NAME ISSUED STOPPED

159 CUST ED&F MAN CAP 10

210 HOUS TERM COMM 19

660 CUST JP MORGAN 24

#### CME CLEARING - CHICAGO BOARD OF TRADE

DLV600-T

737

BUSINESS DATE: 01/07/2022 DAILY ISSUES AND STOPS RUN DATE: 01/07/2022 RUN TIME: 09:20:28PM

PRODUCT GROUP: GRAINS

CUST ADVANTAGE 1

800 CUST MAREX SPEC 72

29 895 CUST CUNNINGHAM COM 47

> 101 101 TOTAL:

2,570 MONTH TO DATE:

CONTRACT: JANUARY 2022 MINI-SIZED SOYBEANS FUTURES

SETTLEMENT: 14.015000000 USD

NEXT AVAILABLE DATE: 12/30/2021

INTENT DATE: DELIVERY DATE:

FIRM NBR ORIG FIRM NAME ISSUED STOPPED

0 TOTAL: 0

MONTH TO DATE:

<<< End of Report >>>

# **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 |
|------------|-----------|--------|------|--------|------|--------|---------|--------|----------|--------|---------|--------|----------|--------|------------|--------|----------|--------|
| 1/7/2022   | 1,900     | 0      | 25   | 0      | 50   | 0      | 0       | 0      | 481      | (92)   | 143     | 0      | 0        | 0      | 519        | 0      | 92       | 0      |
| 1/6/2022   | 1,900     | 0      | 25   | 0      | 50   | 0      | 0       | 0      | 573      | 0      | 143     | 0      | 0        | 0      | 519        | 0      | 92       | 0      |
| 1/5/2022   | 1,900     | 0      | 25   | 0      | 50   | 0      | 0       | 0      | 573      | 0      | 143     | 0      | 0        | 0      | 519        | 0      | 92       | 0      |
| 1/4/2022   | 1,900     | 0      | 25   | (14)   | 50   | 0      | 0       | 0      | 573      | 0      | 143     | 0      | 0        | 0      | 519        | (124)  | 92       | 0      |
| 1/3/2022   | 1,900     | 0      | 39   | 0      | 50   | 0      | 0       | 0      | 573      | 0      | 143     | 0      | 0        | 0      | 643        | 0      | 92       | 0      |
| 12/31/2021 | 1,900     | 0      | 39   | 0      | 50   | 0      | 0       | 0      | 573      | 329    | 143     | 0      | 0        | 0      | 643        | 0      | 92       | 0      |
| 12/30/2021 | 1,900     | 0      | 39   | 0      | 50   | 0      | 0       | 0      | 244      | 0      | 143     | 0      | 0        | 0      | 643        | 121    | 92       | 0      |
| 12/29/2021 | 1,900     | 0      | 39   | 0      | 50   | 0      | 0       | 0      | 244      | 0      | 143     | 0      | 0        | 0      | 522        | 0      | 92       | 0      |
| 12/28/2021 | 1,900     | 0      | 39   | 0      | 50   | 0      | 0       | 0      | 244      | 0      | 143     | 0      | 0        | 0      | 522        | 0      | 92       | 0      |
| 12/27/2021 | 1,900     | 0      | 39   | 0      | 50   | 0      | 0       | 0      | 244      | 0      | 143     | 0      | 0        | 0      | 522        | (49)   | 92       | 0      |
| 12/23/2021 | 1,900     | 0      | 39   | 0      | 50   | 0      | 0       | 0      | 244      | 0      | 143     | 0      | 0        | 0      | 571        | (45)   | 92       | 0      |
| 12/22/2021 | 1,900     | 0      | 39   | 0      | 50   | 0      | 0       | 0      | 244      | 0      | 143     | 0      | 0        | 0      | 616        | 0      | 92       | 0      |
| 12/21/2021 | 1,900     | 0      | 39   | 0      | 50   | 0      | 0       | 0      | 244      | 0      | 143     | 0      | 0        | 0      | 616        | 0      | 92       | 0      |
| 12/20/2021 | 1,900     | 0      | 39   | 0      | 50   | 0      | 0       | 0      | 244      | 0      | 143     | 0      | 0        | 0      | 616        | 0      | 92       | 0      |
| 12/17/2021 | 1,900     | 0      | 39   | 0      | 50   | 0      | 0       | 0      | 244      | 0      | 143     | 0      | 0        | 0      | 616        | (123)  | 92       | 0      |
| 12/16/2021 | 1,900     | 0      | 39   | (2)    | 50   | 0      | 0       | 0      | 244      | 0      | 143     | (3)    | 0        | 0      | 739        | 0      | 92       | (6)    |
| 12/15/2021 | 1,900     | 0      | 41   | 0      | 50   | 0      | 0       | 0      | 244      | 0      | 146     | (7)    | 0        | 0      | 739        | 0      | 98       | (10)   |
| 12/14/2021 | 1,900     | 0      | 41   | (59)   | 50   | 50     | 0       | 0      | 244      | (22)   | 153     | (11)   | 0        | 0      | 739        | 0      | 108      | 0      |
| 12/13/2021 | 1,900     | 15     | 100  | 0      | 0    | 0      | 0       | 0      | 266      | 0      | 164     | (1)    | 0        | (1)    |            | 0      | 108      | 0      |
| 12/10/2021 | 1,885     | 0      | 100  | 0      | 0    | 0      | 0       | 0      | 266      | 0      | 165     | (1)    | 1        | 0      | 739        | 0      | 108      | 0      |
| 12/9/2021  | 1,885     | 0      | 100  | 0      | 0    | 0      | 0       | 0      | 266      | 0      | 166     | (26)   | 1        | 0      | 739        | 0      | 108      | 0      |
| 12/8/2021  | 1,885     | 24     | 100  | 0      | 0    | (2)    | 0       | 0      | 266      | 0      | 192     | (40)   | 1        | 0      | 739        | 0      | 108      | 0      |
| 12/7/2021  | 1,861     | 0      | 100  | 0      | 2    | 0      | 0       | 0      | 266      | 0      | 232     | (1)    | 1        | 0      | 739        | 0      | 108      | 0      |
| 12/6/2021  | 1,861     | 0      | 100  | 0      | 2    | 0      | 0       | 0      | 266      | (11)   | 233     | 0      | 1        | 0      | 739        | 0      | 108      | 0      |
| 12/3/2021  | 1,861     | 71     | 100  | (11)   | 2    | 0      | 0       | 0      | 277      | 0      | 233     | 0      | 1        | 0      | 739        | 0      | 108      | 0      |
| 12/2/2021  | 1,790     | 0      | 111  | (33)   | 2    | 0      | 0       | 0      | 277      | 0      | 233     | 0      | 1        | 0      | 739        | 0      | 108      | 0      |
| 12/1/2021  | 1,790     | 172    | 144  | 0      | 2    | 0      | 0       | 0      | 277      | (65)   | 233     | 0      | 1        | 0      | 739        | 0      | 108      | 0      |
| 11/30/2021 | 1,618     | 0      | 144  | 42     | 2    | 0      | 0       | 0      | 342      | (562)  | 233     | 0      | 1        | 0      | 739        | 0      | 108      | 0      |
| 11/29/2021 | 1,618     | 438    | 102  | 100    | 2    | 0      | 0       | 0      | 904      | 0      | 233     | 0      | 1        | 0      | 739        | (136)  |          | 0      |
| 11/26/2021 | 1,180     | 0      | 2    | 0      | 2    | 0      | 0       | 0      | 904      | 0      | 233     | 0      | 1        | 0      | 875        | 0      | 108      | 0      |
| 11/24/2021 | 1,180     | 0      | 2    | 0      | 2    | 0      | 0       | 0      | 904      | 0      | 233     | 0      | 1        | 0      | 875        | 0      | 108      | 0      |
| 11/23/2021 | 1,180     | 0      | 2    | 0      | 2    | 0      | 0       | 0      | 904      | 0      | 233     | 0      | 1        | 0      | 875        | 0      | 108      | 0      |
| 11/22/2021 | 1,180     | 0      | 2    | 0      | 2    | 0      | 0       | 0      | 904      | (55)   | 233     | 0      | 1        | 0      | 875        | 0      | 108      | 0      |
| 11/19/2021 | 1,180     | 0      | 2    | 0      | 2    | 0      | 0       | 0      | 959      | (124)  | 233     | 0      | 1        | 0      | 875        | 0      | 108      | 0      |
| 11/18/2021 | 1,180     | 0      | 2    | 0      | 2    | 0      | 0       | 0      | 1,083    | 0      | 233     | 0      | 1        | 0      | 875        | 0      | 108      | 0      |
| 11/17/2021 | 1,180     | 0      | 2    | 0      | 2    | 0      | 0       | 0      | 1,083    | 0      | 233     | 0      | 1        | 0      | 875        | 0      | 108      | 0      |

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