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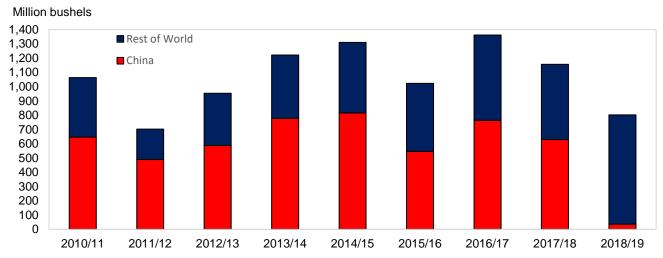
Oil Crops Outlook

Mark Ash Mariana Matias

Lagging U.S. Exports To Exacerbate Soybean Surplus

USDA's *Crop Production* report this month forecasts a decline in U.S. soybean production for 2018/19 of 90 million bushels to 4.6 billion, still 189 million bushels above last year's former record. The change is based on a reduction in the national average yield from 53.1 bushels to 52.1 bushels per acre. Even with robust soybean sales to other countries, the current lack of sales to China—the top global import market—prompted USDA to lower its forecast of 2018/19 exports this month by 160 million bushels to 1.9 billion, versus 2.13 billion for 2017/18. So, despite a lower soybean crop estimate and higher domestic crush, the decline in exports raises the forecast of season-ending stocks to 955 million bushels from 885 million last month.

A lack of U.S. soybean sales to China by November 1 overwhelms an increase for other countries



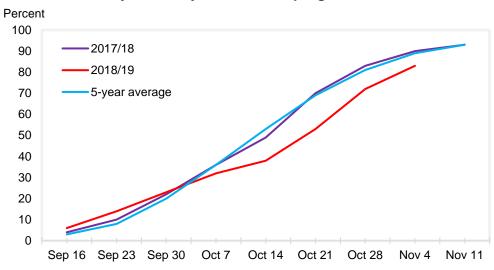
Source: USDA, Foreign Agricultural Service, Export Sales.

Domestic Outlook

Soybean Harvest Slowly Approaches a Conclusion

USDA's *Crop Production* report this month forecasts a decline in U.S. soybean production for 2018/19 of 90 million bushels to 4.6 billion, still 189 million bushels above last year's former record. The change is based on a reduction in the national average yield from 53.1 bushels to 52.1 bushels per acre. Although lower yields are seen this month for 17 States, Iowa, Illinois, and Missouri represent most of the production decline. Persistently wet conditions continue to hamper harvest progress in Arkansas, Kansas, and Missouri. By November 4, farmers had completed 83 percent of the U.S. soybean harvest, compared to the 5-year average of 89 percent.

Wet weather delays U.S. soybean harvest progress



Source: USDA, National Agricultural Statistics Service, Crop Progress.

Soybean Market Burdened With Sluggish Sales to China

Outside of China, foreign soybean importers have capitalized on bargain-priced U.S. supplies. In the European Union this year, a higher soybean crush is being encouraged by a diminished rapeseed supply and a scarcity of soybean meal shipments from Argentina. At the same time, competition from China has also depleted the normal supply of South American soybeans in Europe. Consequently, EU purchases of U.S. soybeans have swelled 150 percent compared to a year ago. Likewise, U.S. soybean sales to Mexico, Argentina, Egypt, and other Asian markets

have surged. As of November 1, the year-to-year increase in U.S. sales to countries other than China is equivalent to 239 million bushels.

Still, robust U.S. soybean sales to these import markets have not fully offset the lack of purchases from China, which alone accounts for nearly 60 percent of global trade. A 25-percent hike in China's import tariff on U.S. soybeans in July remains intact. By November 1, U.S. export sales commitments of soybeans to China had plummeted 94 percent from a year earlier. Typically by this date, U.S. soybean exporters have booked 50-75 percent of their annual sales to China. The current year-to-year sales deficit to China is equivalent to 593 million bushels.

Outstanding sales generally portend the subsequent pace of shipments. Data on U.S. export inspections of soybeans indicate that cumulative September-October shipments have already fallen over 200 million bushels behind last year's pace. The U.S. export deficit should widen again this month. November U.S. trade to China will be minimal compared to shipments for November 2017 that totaled 234 million bushels. Some of this gap can be made up later in the season with improved trade to other import markets. The lack of overall sales prompted USDA to lower its forecast of 2018/19 exports this month by 160 million bushels to 1.9 billion, compared to 2.13 billion for 2017/18.

In contrast, the outlook for domestic soybean demand is modestly brighter. With a low cost to procure soybeans, processor margins have remained high. The 2018/19 crush is forecast up 10 million bushels this month to 2.08 billion based on robust export sales of soybean meal. Export demand for U.S. soybean meal has benefited from a decline in Argentine shipments and should stay brisk until Argentine processors have access to new-crop soybean supplies. USDA raised its forecast of 2018/19 soybean meal exports this month by 250,000 short tons to 13.75 million. So, despite a lower soybean crop estimate and higher domestic crush, the decline in exports raises the forecast of season-ending stocks to 955 million bushels from 885 million last month.

Both ends of USDA's forecast range for the U.S. 2018/19 farm price are narrowed by 25 cents this month to \$7.60-\$9.60 per bushel. Price forecasts for soybean meal and soybean oil were unchanged at \$290-\$330 per short ton and 28-32 cents per pound, respectively.

Excessive Rains Curtail Southeast Peanut Area Harvested

USDA lowered its 2018/19 production forecast for peanuts by 298 million pounds, a 5-percent decline from the October forecast. The reduction in the crop was driven by losses in area harvested—lowered by 39,000 acres—to 1.35 million. The harvested area is revised down 3

percent from the October forecast and down 24 percent from 2017/18. The U.S. average yield also declined by 101 pounds per acre to 4,066 pounds.

Hurricane Michael resulted in heavy production losses in Georgia and Florida due to reductions in the area harvested and yields. For Georgia, USDA lowered its 2018/19 forecast production to 2.816 billion pounds from 2.948 billion in October. Following the devastating effects of Hurricane Florence on major commodity producers, Hurricane Michael's track hit Georgia, the largest producer of peanuts, causing heavy damage midway through the peanut harvesting season. Hurricane Michael also brought severe flooding across Florida, Alabama, southwest Georgia, and the Carolinas, and hit local buying points and peanut shellers the hardest in south Georgia. As of November 4, 75 percent of the U.S. peanut acreage had been harvested, 6 percentage points behind both last year and the 5-year average.

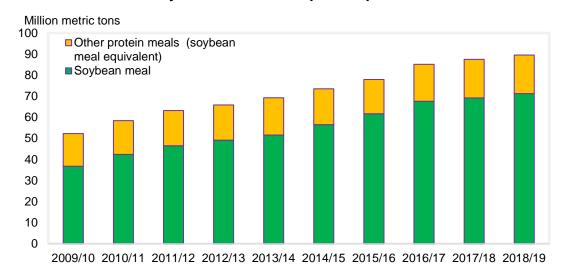
International Outlook

Outlook Dims for China Soybean Imports

For China, USDA lowered its forecast of 2018/19 soybean imports this month to 90 million metric tons from 94 million last month based on a greater availability of domestic supplies and lower expected use. This year's domestic production of soybeans in China is expected 1 million tons higher to 16 million as revisions to the historical data series resulted in a higher level of area sown to the crop. The production change then allows for a larger reduction between 2018/19 beginning stocks and the season-ending stocks, which are seen tightening from 23.5 million tons to 19.8 million. Auctions of domestically produced soybeans from China's state reserves have been more active than usual this fall, which will help to offset a tighter level of imported supplies.

Also, the 2018/19 soybean crush in China is expected 1 million tons lower this month as data revisions for historical feed consumption of grains and protein meal connote a reduced need for soybean meal this year. Rapidly rising costs of soybean meal in China are encouraging feed compounders to substitute as many other proteins as possible. China is facilitating the substitution by recently ending a ban on imports of Indian rapeseed meal. Higher costs for soybean meal could moderate the overall protein level of feed rations, as well. Even with a moderately reduced use of soybean meal in 2018/19, USDA forecasts the soybean-meal equivalent of China's oilseed meals consumption to expand by 2 percent.

Growth in China's soybean meal consumption expected to slow



Source: USDA, Foreign Agricultural Service, PS&D Online.

For China's vegetable oil market, the subsequent loss of soybean oil supplies from a reduced crush may be countered by an expansion of palm oil imports (by 200,000 tons to 5.6 million). Total consumption of vegetable oils in China is expected to increase by 2.7 percent in 2018/19.

The current pace of China's soybean crushers has been sustained by a record volume of trade from Brazil. In the September-October period, Brazilian soybean exports normally fall toward a seasonal low as they are eclipsed by U.S. new-crop shipments. A starkly different trade pattern prevails this year, however. Shipments from Brazil for the 2 months totaled nearly 10 million tons—its highest level ever and up 47 percent over a year earlier. China accounted for nearly all of those shipments. Exports from Brazil may also be facilitated by an earlier delivery of new-crop supplies. An accelerated planting pace in Brazil (about 60 percent was completed by early November) could make an even larger volume of the 2018/19 crop ready for harvesting by early January. The possibility of a quicker upswing in soybean trade contributed to USDA raising its forecast of Brazil's 2018/19 exports this month by 2 million tons to a record 77 million. Soybean inventories in the country could tighten by next October provided there is no further change in Brazil's expected domestic crop production.

Smaller Argentine Crop Gain May Spur Soybean Imports

Global soybean production for 2018/19 is forecast down 2 million tons this month to 367.5 million. Lower expected soybean crops for Argentina and the United States are partly offset by yield gains for India and Ukraine and a higher area for China. In Argentina, farmers may view corn as a more profitable crop than soybeans this year, even with a recent increase in export taxes. USDA trimmed its forecast of the 2018/19 Argentine soybean area by 500,000 hectares this month to 18.5 million. Due to lower abandonment, however, this year's harvested area would still be well above the 2017/18 level of 16.3 million hectares. A lower 2018/19 area is then seen reducing the Argentine new-crop production forecast by 1.5 million tons to 55.5 million.

As with Brazil, an extended U.S. absence in China's import market may help Argentine soybean suppliers to command a larger market share throughout the second half of 2018/19. Yet, a possibly smaller increase for the 2018/19 Argentine crop may also encourage domestic processors to extend their purchasing of soybean imports from the United States and Paraguay. These supplies would still be needed to restore the Argentine crush to its former level prior to the 2017/18 drought. Amazingly, Argentina (the third-largest soybean producer globally) would become the world's fourth-largest import market in 2018/19 with its purchases totaling 4.2

million tons. Prospects for such rerouting of international trade become even more likely if China soon approves the importation of Argentine soybean meal.

Yield Gains Boost Sunflowerseed Crops for Russia, EU

Global production of sunflowerseed in 2018/19 is forecast up 687,000 tons this month to 50.4 million. A 500,000-ton increase for Russia—to a record 11.5 million tons—accounts for most of the production gain. With 83 percent of the harvest completed by late October, Russian harvest reports indicate excellent yields for the Volga and Central Districts, which offset less favorable results for the Southern District. Augmentation of Russian sunflowerseed supplies is expected to enhance the crush by 400,000 tons to 10.8 million. Russian exports of sunflowerseed oil in 2018/19 could then improve 100,000 tons to 2.2 million.

EU sunflowerseed production is forecast 250,000 tons higher in 2018/19 to 9.85 million. The increase is due to higher yields for Romania and Bulgaria. Although drought afflicted much of west Europe last summer, crops throughout east Europe benefited from favorable July moisture. The production increase would boost the EU sunflowerseed crush as well as support the level of season-ending stocks.

In contrast, Argentine sunflowerseed production for 2018/19 is forecast down 100,000 tons to 3.4 million based on a lower estimate of sown area. The reduction would mostly ration the amount of sunflowerseed crushed in the country.

Drought Slashes Australian Canola Production

In Australia, the expected 2018/19 production of canola is lowered by 300,000 tons this month to 2.6 million. Canola yields have been devastated by extreme drought in southeastern Australia. A lower level of harvested area is expected, also, as poor conditions force some of the crop to be abandoned for use as silage or pasture. The reduction in the overall yield is less acute due to more favorable conditions in West Australia, which accounts for about 55 percent of total canola area. Consequently, Australia would harvest its smallest canola crop in 8 years. All of the crop reduction is expected to lower Australian exports in 2018/19—by 300,000 tons to 2.2 million.

| _ | Ar | ea | Yield | | Supp | oly | | | Us | se | | |
|--|--------------|--------------|--------------|------------|----------------|----------|----------------|----------------|------------|----------------|---------|------------|
| Year beginning | Planted | Harvested | i | Beginning | | | | Crush | Seed & | _ | | Ending |
| September 1 | | | 5 / | | Production | Imports | Total . | **** | | Exports | Total | stocks |
| 0040471 | Million | | Bu./acre | | 4 000 | | | Aillion bushe | | 0.400 | 4.04.4 | |
| 2016/17 ¹ | 83.4 | 82.7 | 52.0 | 197 | 4,296 | 22 | 4,515 | 1,901 | 146 | 2,166 | 4,214 | 302 |
| 2017/18 ² 2018/19 ² | 90.1 89.1 | 89.5 88.3 | 49.3 52.1 | 302 438 | 4,411 4,600 | 22 25 | 4,734 5,063 | 2,055 2,080 | 112 128 | 2,129 1,900 | 4,296 | 438 955 |
| 2016/19 | 69.1 | 00.3 | 52.1 | 436 | 4,000 | 25 | 5,063 | 2,000 | 120 | 1,900 | 4,108 | 900 |
| Soybeans: Quarterly U. | S. supply a | and disappe | arance | | | | | | | | | |
| 2017/18 | | | | | | | | | | | | |
| September | | | | | | 1.4 | | 145.4 | | 164.1 | | |
| October | | | | | | 2.8 | | 175.9 | | 354.4 | | |
| November | | | | | | 1.4 | | 173.3 | | 337.6 | | |
| September-November | | | | 301.6 | 4,410.7 | 5.6 | 4,717.9 | 494.6 | 206.4 | 856.1 | 1,557.2 | 3,160.7 |
| December | | | | | | 2.3 | | 176.3 | | 228.6 | | |
| January | | | | | | 1.5 | | 174.7 | | 211.7 | | |
| February | | | | | | 1.2 | | 165.0 | | 154.8 | | |
| December-February | | | | 3,160.7 | | 5.0 | 3,165.7 | 516.0 | -54.8 | 595.2 | 1,056.3 | 2,109.3 |
| March | | | | | | 2.1 | | 182.2 | | 119.0 | | |
| April | | | | | | 2.4 | | 171.6 | | 79.6 | | |
| May | | | | | | 1.9 | | 172.5 | | 109.9 | | |
| March-May | | | | 2,109.3 | | 6.4 | 2,115.7 | 526.3 | 61.6 | 308.5 | 896.4 | 1,219.3 |
| June | | | | | | 1.9 | | 169.6 | | 119.6 | | |
| July | | | | | | 2.2 | | 178.9 | | 125.9 | | |
| August | | | | | | 0.8 | | 169.6 | | 123.7 | | |
| June-August | | | | 1,219.3 | | 4.8 | 1,224.1 | 518.1 | -101.3 | 369.3 | 786.0 | 438.1 |
| Total | | | | | 4,410.7 | 21.8 | 4,734.1 | 2,054.9 | 112.0 | 2,129.1 | 4,296.0 | |
| 2018/19 | | | | | | | | | | | | |
| September | | | | 438.1 | 4,689.6 | 1.0 | 5,128.8 | 169.3 | | 119.0 | | |

¹ Estimated. ² Forecast. Note: 1 metric ton equals 36.744 bushels and 1 acre equals 2.471 hectares.
Sources: USDA, National Agricultural Statistics Service, *Crop Production* and *Grain Stocks* and U.S. Department of Commerce, U.S. Census Bureau, *Foreign Trade Statistics*.

Table 2--Sovbean meal: U.S. supply and disappearance

| Table 2Soybea | an meal: U. | | nd disapp Jupply | earance | | isappearar | 200 | |
|----------------------|-------------|------------|---------------------|----------|---------------|------------|----------|--------|
| Year beginning | Beginning | | шрріу | | | изарреатат | ice | Ending |
| October 1 | stocks | Production | n Imports | Total | Domestic | Exports | Total | stocks |
| | | | | | 0 short tons- | | | |
| 2016/17 ¹ | 264 | 44,787 | 350 | 45,400 | 33,420 | 11,580 | 45,000 | 401 |
| 2017/18 ¹ | 401 | 49,216 | 495 | 50,112 | 34,733 | 14,826 | 49,559 | 553 |
| 2018/19 ² | 553 | 49,147 | 350 | 50,050 | 35,850 | 13,750 | 49,600 | 450 |
| | | | | | | | | |
| 2016/17 | | | | | | | | |
| October | 263.9 | 4,104.0 | 26.4 | 4,394.3 | 3,084.1 | 932.5 | 4,016.7 | 377.6 |
| November | 377.6 | 4,012.5 | 28.1 | 4,418.3 | 2,997.7 | 1,012.5 | 4,010.2 | 408.0 |
| December | 408.0 | 3,964.1 | 26.3 | 4,398.5 | 3,012.4 | 939.6 | 3,952.1 | 446.4 |
| January | 446.4 | 4,025.2 | 36.5 | 4,508.1 | 2,765.7 | 1,307.6 | 4,073.2 | 434.9 |
| February | 434.9 | 3,559.2 | 35.8 | 4,029.8 | 2,570.5 | 1,054.5 | 3,625.0 | 404.8 |
| March | 404.8 | 3,773.7 | 26.0 | 4,204.5 | 2,407.0 | 1,443.0 | 3,850.0 | 354.5 |
| April | 354.5 | 3,523.5 | 28.9 | 3,906.8 | 2,566.8 | 909.9 | 3,476.7 | 430.1 |
| May | 430.1 | 3,732.0 | 35.2 | 4,197.3 | 2,971.1 | 798.3 | 3,769.3 | 428.0 |
| June | 428.0 | 3,489.5 | 30.8 | 3,948.3 | 2,747.3 | 851.0 | 3,598.3 | 350.0 |
| July | 350.0 | 3,638.1 | 18.0 | 4,006.1 | 2,809.4 | 773.0 | 3,582.4 | 423.7 |
| August | 423.7 | 3,556.5 | 30.6 | 4,010.8 | 2,811.3 | 873.0 | 3,684.3 | 326.5 |
| September | 326.5 | 3,408.6 | 27.1 | 3,762.2 | 2,676.2 | 685.3 | 3,361.5 | 400.6 |
| Total | | 44,787.0 | 349.6 | 45,400.5 | 33,419.5 | 11,580.3 | 44,999.8 | |
| | | | | | | | | |
| 2017/18 | | | | | | | | |
| October | 400.6 | 4,123.8 | 29.5 | 4,554.0 | 3,378.7 | 782.0 | 4,160.7 | 393.3 |
| November | 393.3 | 4,101.7 | 34.4 | 4,529.4 | 3,025.7 | 1,114.5 | 4,140.3 | 389.1 |
| December | 389.1 | 4,173.0 | 32.3 | 4,594.4 | 2,850.6 | 1,188.9 | 4,039.5 | 554.9 |
| January | 554.9 | 4,128.3 | 47.4 | 4,730.6 | 3,137.9 | 1,182.7 | 4,320.6 | 410.0 |
| February | 410.0 | 3,899.6 | 48.2 | 4,357.7 | 2,658.7 | 1,243.3 | 3,901.9 | 455.8 |
| March | 455.8 | 4,306.5 | 56.8 | 4,819.1 | 2,860.1 | 1,414.8 | 4,274.9 | 544.2 |
| April | 544.2 | 4,079.9 | 40.1 | 4,664.2 | 2,883.7 | 1,328.4 | 4,212.1 | 452.1 |
| May | 452.1 | 4,109.3 | 44.4 | 4,605.8 | 2,837.7 | 1,335.0 | 4,172.7 | 433.1 |
| June | 433.1 | 4,032.3 | 42.6 | 4,508.1 | 2,631.8 | 1,477.7 | 4,109.5 | 398.5 |
| July | 398.5 | 4,244.7 | 39.9 | 4,683.1 | 2,917.2 | 1,253.5 | 4,170.7 | 512.4 |
| August | 512.4 | 4,030.8 | 45.6 | 4,588.8 | 2,843.6 | 1,344.2 | 4,187.8 | 401.1 |
| September | 401.1 | 3,985.9 | 33.9 | 4,420.8 | 2,707.3 | 1,160.6 | 3,868.0 | 552.9 |
| Total | | 49,215.8 | 495.1 | 50,111.6 | 34,733.1 | 14,825.6 | 49,558.7 | |

¹ Estimated. ² Forecast. Note: 1 metric ton equals 1.10231 short tons. Source: USDA, World Agricultural Outlook Board, *World Agricultural Supply and Demand Estimates*.

Table 3--Soybean oil: U.S. supply and disappearance

| Table 3Soybe | ari Oii. O.O. | | supply | iiice | Г | Disappeara | nce | | | |
|----------------------|---------------|----------|--------|----------|------------|------------|--------------|---------|----------|-------------|
| Year beginning | Beginning | | | Total | Domestic | | | Exports | Total | - Ending |
| October 1 | stocks | | | | Total | Biodiesel | Food & Other | | | stocks |
| | | | | | Million po | | | | | |
| | | | | | • | | | | | |
| 2016/17 ¹ | 1,687 | 22,123 | 319 | 24,129 | 19,862 | 6,200 | 13,662 | 2,556 | 22,418 | 1,711 |
| 2017/18 ² | 1,711 | 23,767 | 335 | 25,814 | 21,376 | 7,150 | 14,226 | 2,447 | 23,824 | 1,990 |
| 2018/19 ² | 1,990 | 24,025 | 300 | 26,315 | 22,200 | 7,800 | 14,400 | 2,200 | 24,400 | 1,915 |
| | , | , | | • | , | • | , | , | • | , |
| 2016/17 | | | | | | | | | | |
| October | 1,686.8 | 2,028.5 | 14.4 | 3,729.8 | 1,693.5 | 526.0 | 1,167.5 | 241.0 | 1,934.5 | 1,795.3 |
| November | 1,795.3 | 1,961.3 | 38.4 | 3,795.0 | 1,777.6 | 595.8 | 1,181.7 | 236.7 | 2,014.3 | 1,780.7 |
| December | 1,780.7 | 1,950.2 | 47.4 | 3,778.3 | 1,670.6 | 610.5 | 1,060.2 | 235.4 | 1,906.0 | 1,872.3 |
| January | 1,872.3 | 1,982.9 | 22.7 | 3,877.8 | 1,492.8 | 390.1 | 1,102.7 | 259.4 | 1,752.1 | 2,125.7 |
| February | 2,125.7 | 1,757.0 | 20.9 | 3,903.7 | 1,451.6 | 369.2 | 1,082.4 | 238.7 | 1,690.3 | 2,213.3 |
| March | 2,213.3 | 1,865.5 | 27.0 | 4,105.8 | 1,466.5 | 369.5 | 1,097.0 | 295.5 | 1,761.9 | 2,343.8 |
| April | 2,343.8 | 1,737.8 | 32.3 | 4,113.9 | 1,616.5 | 426.7 | 1,189.8 | 257.4 | 1,873.9 | 2,240.0 |
| May | 2,240.0 | 1,839.3 | 31.5 | 4,110.8 | 1,680.2 | 545.5 | 1,134.7 | 161.3 | 1,841.6 | 2,269.3 |
| June | 2,269.3 | 1,735.6 | 24.3 | 4,029.2 | 1,748.3 | 548.8 | 1,199.4 | 138.0 | 1,886.3 | 2,142.9 |
| July | 2,142.9 | 1,801.4 | 22.5 | 3,966.7 | 1,767.4 | 606.2 | 1,161.2 | 198.8 | 1,966.2 | 2,000.5 |
| August | 2,000.5 | 1,762.2 | 19.4 | 3,782.1 | 1,808.5 | 608.2 | 1,200.3 | 163.2 | 1,971.7 | 1,810.3 |
| September | 1,810.3 | 1,701.8 | 18.0 | 3,530.1 | 1,688.9 | 603.9 | 1,085.0 | 130.2 | 1,819.2 | 1,711.0 |
| Total | | 22,123.4 | 318.7 | 24,128.9 | 19,862.3 | 6,200.3 | 13,662.0 | 2,555.7 | 22,418.0 | |
| | | | | | | | | | | |
| 2017/18 | | | | | | | | | | |
| October | 1,711.0 | 2,016.9 | 32.2 | 3,760.0 | 1,921.2 | 577.4 | 1,343.7 | 212.6 | 2,133.8 | 1,626.2 |
| November | 1,626.2 | 1,977.0 | 22.0 | 3,625.3 | 1,802.5 | 590.8 | 1,211.7 | 132.1 | 1,934.7 | 1,690.6 |
| December | 1,690.6 | 2,015.3 | 31.2 | 3,737.0 | 1,613.4 | 594.0 | 1,019.5 | 172.9 | 1,786.4 | 1,950.7 |
| January | 1,950.7 | 1,995.6 | 22.1 | 3,968.4 | 1,547.9 | 462.1 | 1,085.8 | 180.7 | 1,728.6 | 2,239.8 |
| February | 2,239.8 | 1,889.8 | 41.1 | 4,170.8 | 1,564.3 | 495.6 | 1,068.7 | 181.1 | 1,745.4 | 2,425.4 |
| March | 2,425.4 | 2,079.1 | 21.1 | 4,525.6 | 1,879.6 | 624.2 | 1,255.4 | 201.5 | 2,081.1 | 2,444.5 |
| April | 2,444.5 | 1,964.9 | 28.7 | 4,438.1 | 1,537.0 | 519.6 | 1,017.4 | 212.3 | 1,749.3 | 2,688.8 |
| May | 2,688.8 | 1,966.5 | 34.1 | 4,689.4 | 1,883.9 | 581.3 | 1,302.6 | 431.4 | 2,315.3 | 2,374.1 |
| June | 2,374.1 | 1,936.9 | 31.8 | 4,342.7 | 1,809.6 | 623.6 | 1,186.0 | 228.3 | 2,037.9 | 2,304.8 |
| July | 2,304.8 | 2,043.3 | 32.7 | 4,380.8 | 1,822.5 | 671.3 | 1,151.2 | 174.7 | 1,997.2 | 2,383.6 |
| August | 2,383.6 | 1,945.0 | 23.7 | 4,352.3 | 1,939.9 | 705.1 | 1,234.8 | 197.6 | 2,137.5 | 2,214.8 |
| September | 2,214.8 | 1,936.9 | 14.7 | 4,166.4 | 2,054.6 | NA | NA | 121.7 | 2,176.3 | 1,990.0 |
| Total | | 23,767.2 | 335.4 | 25,813.6 | 21,376.4 | 6,445.0 | 12,876.8 | 2,447.1 | 23,823.5 | |

¹ Estimated. ² Forecast. Note: 1 metric ton equals 2,204.622 pounds. NA: Not available.

Source: USDA, World Agricultural Outlook Board, *World Agricultural Supply and Demand Estimates*. Last update: 11/9/2018

Table 4--Cottonseed: U.S. supply and disappearance

| | | 5 | Supply | | | Disappe | arance | | _ |
|----------------------------|---------------------|-----------------|---------|-------|------------------|------------|--------|-------|---------------|
| Year beginning August 1 | Beginning stocks |) Production | Imports | Total | Cru | sh Exports | Other | Total | Ending stocks |
| | | | | | 1,000 short tons | | | | |
| 2016/17 ¹ | 391 | 5,369 | 51 | 5,811 | 1,76 | 69 342 | 3,300 | 5,411 | 400 |
| 2017/18 ² | 400 | 6,422 | 0 | 6,822 | 1,85 | 54 478 | 4,040 | 6,372 | 450 |
| 2018/19 ² | 450 | 5,799 | 0 | 6,249 | 1,80 | 00 425 | 3,624 | 5,849 | 400 |

¹ Estimated. ² Forecast.

Sources: USDA, National Agricultural Statistics Service, *Crop Production* and U.S. Department of Commerce, U.S. Census Bureau, *Foreign Trade Statistics*.

Table 5--Cottonseed meal: U.S. supply and disappearance

| | | | Supply | | | Dis | е | | |
|-----------------------------|------------------|------------|---------|-----------|---------|----------|---------|-------|---------------|
| Year beginning October 1 | Beginning stocks | Production | Imports | Total | | Domestic | Exports | Total | Ending stocks |
| | | | · | 1,000 sho | rt tons | | • | | |
| 2016/17 ¹ | 20 | 805 | 0 | 825 | | 687 | 110 | 797 | 28 |
| 2017/18 ² | 28 | 845 | 0 | 873 | | 713 | 119 | 833 | 40 |
| 2018/19 ² | 40 | 810 | 0 | 850 | | 700 | 110 | 810 | 40 |

¹ Estimated. ² Forecast.

Source: USDA, Foreign Agricultural Service, PS&D Online.

Table 6--Cottonseed oil: U.S. supply and disappearance

| | | S | Supply | | | Dis | appearanc | е | _ |
|-----------------------------|------------------|------------|---------|----------------------|--------|----------|-----------|-------|---------------|
| Year beginning October 1 | Beginning stocks | Production | Imports | Total | | Domestic | Exports | Total | Ending stocks |
| | | | | Million _I | oounds | | | | |
| 2016/17 ¹ | 42 | 542 | 0 | 583 | | 435 | 104 | 539 | 44 |
| 2017/18 ² | 44 | 565 | 1 | 610 | | 450 | 110 | 560 | 50 |
| 2018/19 ² | 50 | 560 | 1 | 611 | | 461 | 100 | 561 | 50 |

¹ Estimated. ² Forecast.

Source: USDA, Foreign Agricultural Service, Production, Supply, and Distribution Online.

Table 7--Peanuts: U.S. supply and disappearance

| _ | А | rea | Yield | | Supp | oly | | | D | isappear | ance | | |
|----------------------|---------|-----------|-------------|-----------|------------|---------|-------|----------------|-------|----------|-----------|-------|--------|
| Year beginning | Planted | Harvested | 1 | Beginning | | | | Domesti | С | Seed an | d | | Ending |
| August 1 | | | | stocks | Production | Imports | Total | food | Crush | residua | I Exports | Total | stocks |
| | 1,000 | acres | Pounds/acre |) | | | | Million pounds | | | | | |
| 2016/17 ¹ | 1,671 | 1,536 | 3,634 | 1,791 | 5,582 | 162 | 7,534 | 3,086 | 880 | 799 | 1,328 | 6,093 | 1,442 |
| 2017/18 ¹ | 1,872 | 1,776 | 4,007 | 1,442 | 7,115 | 171 | 8,728 | 3,142 | 705 | 892 | 1,273 | 6,011 | 2,717 |
| 2018/19 ² | 1,427 | 1,346 | 4,066 | 2,717 | 5,471 | 75 | 8,263 | 3,233 | 766 | 719 | 1,200 | 5,918 | 2,345 |

¹ Estimated. ² Forecast.

Sources: USDA, National Agricultural Statistics Service, Crop Production and Peanut Stocks and Processing, and U.S. Department of Commerce, U.S. Census Bureau, Foreign Trade Statistics.

Table 8--Oilseed prices received by U.S. farmers

| Marketing | Soybeans ¹ | Cottonseed ² | Sunflowerseed ¹ | Canola ¹ | Peanuts ² | Flaxseed ³ |
|----------------------|-----------------------|-------------------------|----------------------------|---------------------|----------------------|-----------------------|
| year | | | | | | |
| | \$/bushel | \$/short ton | \$/cwt | \$/cwt. | Cents/pound | \$/bushel |
| 2008/09 | 9.97 | 223.00 | 21.80 | 18.70 | 23.00 | 12.70 |
| 2009/10 | 9.59 | 158.00 | 15.10 | 16.20 | 21.70 | 8.15 |
| 2010/11 | 11.30 | 161.00 | 23.30 | 19.30 | 22.50 | 12.20 |
| 2011/12 | 12.50 | 260.00 | 29.10 | 24.00 | 31.80 | 13.90 |
| 2012/13 | 14.40 | 252.00 | 25.40 | 26.50 | 30.10 | 13.80 |
| 2013/14 | 13.00 | 246.00 | 21.40 | 20.60 | 24.90 | 13.80 |
| 2014/15 | 10.10 | 194.00 | 21.70 | 16.90 | 22.00 | 11.80 |
| 2015/16 | 8.95 | 227.00 | 19.60 | 15.60 | 19.30 | 8.95 |
| 2016/17 | 9.47 | 195.00 | 17.40 | 16.60 | 19.70 | 8.00 |
| 2017/18 ¹ | 9.33 | 142.00 | 17.25 | 17.50 | 22.90 | 9.50 |
| 2018/19 ¹ | 7.60-9.60 | 115-155 | 15.25-18.55 | 14.85-18.15 | 19.85-23.15 | 8.35-10.35 |
| 2017/18 | | | | | | |
| September | 9.35 | 127.00 | 17.40 | 17.30 | 23.00 | 9.55 |
| October | 9.18 | 141.00 | 16.80 | 16.60 | 23.20 | 9.23 |
| November | 9.22 | 144.00 | 16.60 | 17.20 | 22.70 | 9.21 |
| December | 9.30 | 143.00 | 17.00 | 16.70 | 23.00 | 9.34 |
| January | 9.30 | 139.00 | 17.60 | 17.70 | 22.90 | 9.39 |
| February | 9.50 | 156.00 | 17.70 | 18.30 | 22.70 | 9.81 |
| March | 9.81 | NA | 17.30 | 18.20 | 24.40 | 9.76 |
| April | 9.85 | NA | 18.00 | 17.50 | 23.30 | 9.92 |
| May | 9.84 | NA | 17.90 | 18.50 | 22.70 | 10.10 |
| June | 9.55 | NA | 17.70 | 17.20 | 22.70 | 9.98 |
| July | 9.08 | NA | 17.40 | 17.10 | 22.40 | 9.96 |
| August | 8.59 | 134.00 | 16.90 | 15.30 | 22.00 | 10.20 |
| 2018/19 | | | | | | |
| September | 8.77 | 141.00 | 16.70 | 15.20 | 22.20 | 9.79 |

¹ September-August. ² August-July. ³ July-June. NA = Not available. cwt=hundredweight.

Source: USDA, National Agricultural Statistics Service, Agricultural Prices.

Table 9--U.S. vegetable oil and fats prices

| Marketing | Soybean | Oil and tats pri | ces Sunflowerseed | Canola | Peanut | Corn | Lard ⁶ | Edible |
|----------------------|------------------|------------------|----------------------|------------------|------------------|------------------|-------------------|-----------|
| year | oil ² | oil ³ | oil ⁴ | oil ⁴ | oil ⁵ | oil ⁶ | Lara | tallow 6 |
| year | | | | Cents/ | | Oil | | |
| | | | | Ochio, j | oodrid | | | |
| 2008/09 | 32.16 | 37.10 | 50.24 | 39.54 | 78.49 | 32.75 | 26.72 | 25.47 |
| 2009/10 | 35.95 | 40.27 | 52.80 | 42.88 | 59.62 | 39.29 | 31.99 | 32.26 |
| 2010/11 | 53.20 | 54.50 | 86.12 | 58.68 | 77.24 | 60.76 | 51.52 | 51.34 |
| 2011/12 | 51.90 | 53.22 | 83.20 | 57.19 | 100.15 | 56.09 | 48.11 | 50.33 |
| 2012/13 | 47.13 | 48.60 | 65.87 | 56.17 | 91.83 | 46.66 | 51.80 | 43.24 |
| 2013/14 | 38.23 | 60.66 | 59.12 | 43.70 | 68.23 | 39.43 | 43.93 | 39.76 |
| 2014/15 | 31.60 | 45.74 | 66.72 | 37.81 | 57.96 | 37.48 | 33.43 | 31.36 |
| 2015/16 | 29.86 | 45.87 | 57.81 | 35.27 | 58.26 | 39.25 | 32.23 | 30.07 |
| 2016/17 | 32.55 | 40.92 | 53.54 | 38.73 | 66.73 | 37.43 | 33.07 | 34.75 |
| 2017/18 ¹ | 30.04 | 31.87 | 54.57 | 38.27 | 66.72 | 30.35 | 34.16 | 31.21 |
| 2018/19 ¹ | 28.0-32.0 | 30.0-34.0 | 52.0-56.0 | 35.0-39.0 | 57.0-61.0 | 28.5-32.5 | 31.0-35.0 | 29.0-33.0 |
| 2017/18 | | | | | | | | |
| October | 32.35 | 37.06 | 56.00 | 39.06 | 65.44 | 34.96 | 36.00 | 32.06 |
| November | 33.43 | 37.00 | 55.50 | 39.69 | 65.00 | 34.46 | 38.17 | 33.44 |
| December | 32.27 | 34.25 | 54.80 | 38.65 | 65.20 | 33.96 | 37.00 | 31.63 |
| January | 31.61 | 32.75 | 55.50 | 38.31 | 66.13 | 30.68 | 32.08 | NA |
| February | 30.63 | 31.44 | 55.00 | 37.44 | 66.63 | 29.72 | 32.20 | 31.00 |
| March | 30.28 | 31.35 | 54.00 | 37.10 | 67.00 | 29.66 | NA | NA |
| April | 29.70 | 31.19 | 54.00 | 37.31 | 66.88 | 29.50 | NA | 29.50 |
| May | 29.40 | 31.25 | 54.00 | 38.25 | 66.50 | 29.65 | NA | 29.00 |
| June | 28.30 | 29.90 | 54.00 | 37.75 | 67.70 | 29.54 | 32.50 | 30.00 |
| July | 27.21 | 28.75 | 54.00 | 38.69 | 68.00 | 28.76 | NA | 32.47 |
| August | 27.60 | 28.60 | 54.00 | 38.75 | 68.00 | 26.80 | 32.38 | 32.00 |
| September | 27.73 | 28.88 | 54.00 | 38.19 | 67.63 | 26.46 | 32.93 | 31.00 |
| 0040/40 | | | | | | | | |
| 2018/19 | 00.00 | 20.50 | F4 00 | 20.04 | 00.00 | 07.40 | 22.00 | 04.00 |
| October | 28.89 | 30.56 | 54.00 | 38.94 | 66.63 | 27.18 | 33.00 | 31.29 |

¹ Preliminary. ² Decatur, IL. ³ Prime bleached summer yellow, Greenwood, MS. ⁴ Midwest.

Sources: USDA, Agricultural Marketing Service, Monthly Feedstuff Prices and Milling and Baking News.

⁵ Southeast mills. ⁶ Chicago. NA = Not available.

Table 10--U.S. oilseed meal prices

| Marketing | Soybean | | Sunflowerseed | Peanut | Canola | Linseed |
|----------------------|-------------------|---------|---------------|-------------------|-------------------|-------------------|
| year | meal ² | meal 3 | meal 4 | meal ⁵ | meal ⁶ | meal ⁷ |
| | | | \$/sho | rt ton | | |
| | | | | | | |
| 2008/09 | 331.17 | 255.23 | 152.46 | NA | 248.82 | 220.89 |
| 2009/10 | 311.27 | 220.90 | 151.04 | NA | 224.92 | 209.23 |
| 2010/11 | 345.52 | 273.84 | 219.72 | NA | 263.63 | 240.65 |
| 2011/12 | 393.53 | 275.13 | 246.75 | NA | 307.59 | 265.68 |
| 2012/13 | 468.11 | 331.52 | 241.57 | NA | 354.22 | 329.31 |
| 2013/14 | 489.94 | 377.71 | 238.87 | NA | 359.70 | 337.23 |
| 2014/15 | 368.49 | 304.27 | 209.97 | NA | 301.20 | 256.58 |
| 2015/16 | 324.56 | 261.19 | 153.17 | NA | 262.20 | 260.23 |
| 2016/17 | 316.88 | 208.61 | 145.10 | NA | 267.94 | 282.49 |
| 2017/18 ¹ | 345.02 | 260.88 | 173.53 | NA | 291.15 | 239.15 |
| 2018/19 ¹ | 290-330 | 210-250 | 135-175 | NA | 240-280 | 195-235 |
| 2017/18 | | | | | | |
| October | 315.23 | 229.00 | 153.00 | NA | 257.73 | 214.00 |
| November | 313.52 | 228.75 | 165.00 | NA | 255.74 | 205.00 |
| December | 319.22 | 232.50 | 185.00 | NA | 266.53 | 209.17 |
| January | 322.60 | 259.00 | 178.00 | NA | 270.20 | 215.50 |
| February | 362.85 | 303.13 | 185.63 | NA | 315.95 | 233.13 |
| March | 379.85 | 323.13 | 187.50 | NA | 334.58 | 237.50 |
| April | 385.84 | 263.13 | 191.88 | NA | 332.16 | 238.13 |
| May | 393.55 | 262.50 | 201.50 | NA | 336.93 | 267.50 |
| June | 355.71 | 257.50 | 175.63 | NA | 302.75 | 271.25 |
| July | 341.08 | 253.13 | 155.50 | NA | 279.84 | 278.00 |
| August | 332.50 | 260.00 | 153.13 | NA | 274.55 | 265.63 |
| September | 318.32 | 258.75 | 150.63 | NA | 266.86 | 235.00 |
| 2018/19 | | | | | | |
| October | 319.15 | 249.00 | 164.00 | NA | 279.40 | 196.50 |

¹ Preliminary. ² High-protein Decatur, IL. ³ 41-percent Memphis. ⁴ 34-percent North Dakota-Minnesota.

NA= Not available.

Source: USDA, Agricultural Marketing Service, Monthly Feedstuff Prices.

 $^{^{5}}$ 50-percent Southeast mills. 6 36-percent Pacific Northwest. 7 34-percent Minneapolis.

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