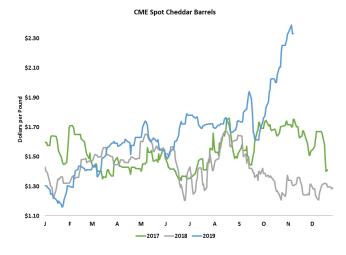


CME Spot Market for the Week				WHEY			
				Avg Price		Qty Traded	4 wk Trend
13	1/4/2019	to	11/8/2019	\$	0.279	58	~~~
CHEESE BLOCKS				CHEESE BARRELS			
Avg Price		Qty Traded	4 wk Trend	Avg Price		Qty Traded	4 wk Trend
\$	2.110	16		\$	2.353	8	
BUTTER				NON-FAT			
Avg Price		Qty Traded	4 wk Trend	Avg Price		Qty Traded	4 wk Trend
\$	2.051	4	1	\$	1.200	9	



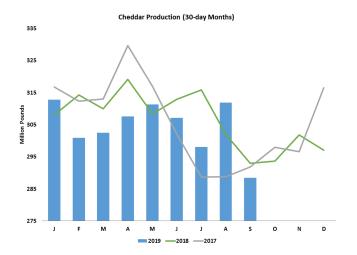
CME spot Cheddar barrels reached a fresh five-year high on Wednesday at \$2.39 per pound. But then the bids dried up. Barrels fell 6¢ yesterday, their most convincing setback in the past seven weeks. Class III futures moved sharply lower. The December contract traded as much as 75¢ in the red, at the lower daily trading limit, although it regained some ground before the close.

Earlier this fall, when barrels were still inexpensive, cheesemakers continued to move milk to other cheese varieties. U.S.

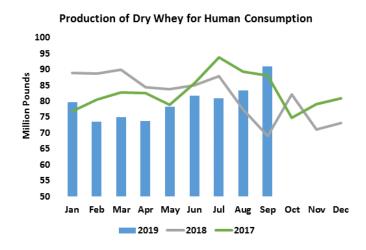
cheese production totaled 1.08 billion pounds in September, up 2.1% from a year ago. Output of Swiss, Italian, and Hispanic-style cheeses jumped 2.8%, 4%, and 9.1%, respectively. In contrast, Cheddar output fell 3.1% from September 2018. But the meteoric rise in barrel values likely convinced cheesemakers to move more milk into Cheddar last month, and some of that fresh cheese is likely just making its way to Chicago for the first time this week. The trend for higher barrel production is likely to continue. USDA's *Dairy Market News* reports that cooler weather in the Southeast has boosted milk yields and slowed the flow of tankers from the Mid-Atlantic and Midwest states. For the first time in months, some spot milk is selling at a discount

in the Upper Midwest, which has encouraged cheesemakers to work longer hours and top up their vats.

This week's sales signal that barrels have gotten a little easier to source. But they are still far from plentiful. There were no offers at the spot market today. The futures shrugged off another retreat in block prices and focused instead on the soothing silence in the barrel market. Both Class III and cheese futures moved higher after the spot trade today. Barrels closed



at a still sky-high \$2.33, steady with yesterday and up a half-cent from last Friday. Blocks dropped to \$2.015, down 14¢ for the week. Nearby futures gave back some – but not all – of last week's massive gains. The November contract settled at \$20.02 per cwt., down 17¢. December closed at \$19.09, down 61¢. Early 2020 contracts finished in the red, while deferred contracts moved roughly a nickel higher.



Whey remains in the doldrums. Spot whey powder slipped 0.75¢ this week to 27.5¢. In September, dry whey output jumped to a two-year high of nearly 91 million pounds, 31.8% higher than the perplexingly low volumes of September 2018. Manufacturers' stocks of dry whey climbed to the highest level since January. Exports remain anemic, as China turns its attention elsewhere.

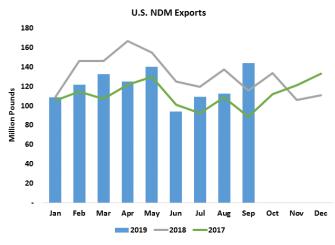
Spot butter faded to a new 2019 low at entiful, and inexpensive foreign product

\$2.0375, down 4.25¢. Cream remains cheap and plentiful, and inexpensive foreign product continues to pour in. U.S. butter production declined seasonally in September to 136.6 million pounds. Still, that was 1.2% higher than September 2018 and the greatest output for the month since 2011.

Milk powder values continue to rally around the world. At the Global Dairy Trade (GDT) auction on Tuesday, skim milk powder (SMP) values leapt 6.7% to their highest average price since March 2015. GDT SMP now stands at the equivalent of nonfat dry milk (NDM) at \$1.42 per pound. At the CME spot market, NDM advanced 2.25¢ to \$1.205, a five-year high. Combined production of NDM and SMP reached 171.8 million pounds in September, a new high for the month and 6.9% more than September 2018. But demand is more than keeping pace. Cheesemakers are fortifying their vats with NDM, and importers are shopping for SMP. U.S. exports of NDM/SMP advanced to 144 million pounds, up 24.2% year-over-year. That's the highest volume so far in 2019 and a record high for the month of September. Now that Europe

has worked through its stockpile, there may be room for U.S. exports to keep improving. Optimism about milk powder prospects pushed Class IV futures higher this week, aside from a 4g loss in the November contract. Most 2020 contracts gained 15g to 20g from last Friday's settlement.

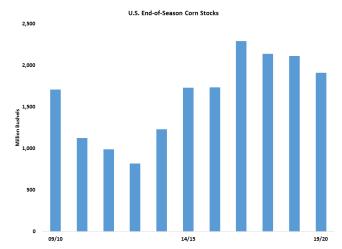
Strong milk powder, cheese and fluid milk/cream sales propelled overall U.S. dairy product exports above 2018



volumes for the first time in 11 months despite dreadfully low butterfat sales. Total export volumes were up 2% from a year ago in September, and the value of aggregate dairy exports jumped 17%.

After nine months in deficit, milk output is starting to climb around the world. But those nine months helped to whittle dairy product inventories and set the industry on much firmer footing. Dairy product supplies are no longer burdensome, demand is healthy, and the market can withstand a modest increase in milk output without sending prices back to painfully low values. Given strained farm finances, variable feed quality, and a smaller milk-cow herd, growth in milk output is unlikely to stymie the rally anytime soon.

Row crop values faded this week. December corn settled at \$3.7725 per bushel, down 12¢ from last Friday. January beans lost 6.25¢ and closed at \$9.31. The bean market was batted back and forth by the trade headlines once again. Chinese officials stated that the U.S. and China planned to de-escalate tariffs, which boosted commodity and stock values. However, when the White House contradicted those claims, the markets reversed course. Investors were reminded once again that they should be skeptical of all comments regarding the trade deal until the ink is dry.



Winter has already arrived in the Corn Belt, and nearly half of the corn crop remains in the field. Farmers are frustrated with subpar yields, impassable fields, and variable quality. In today's World Agricultural Supply and Demand Estimates report, USDA lowered its assessment of the corn yield by a sizeable 1.4 bushels per acre. At 167, the national average corn yield is the lowest since the 2013-14 season. U.S. corn production is projected to drop to a four-year low, and global corn stocks are

expected to tighten noticeably this year, marking their fourth consecutive year-over-year decline. Nonetheless, there is plenty of grain in the world and demand for U.S. corn is fading. Corn exports are projected to fall to their lowest level since 2012-13, when the drought pushed

corn prices above \$8 per bushel and throttled foreign demand. Unless ethanol production or exports perk up, U.S. corn values could remain under pressure despite this year's disappointing harvest.

