



UPPER MIDWEST DAIRY NEWS

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California FMMO Has Been Implemented

The U.S. Department of Agriculture (USDA) announced in June 2018 that California dairy producers had voted to approve a Federal Milk Marketing Order (FMMO) for the entire State of California.

The California Order, F.O. 51, was implemented on October 17, 2018, with the publication of the *Announcement of Class I Price Advanced Factors for November 2018*. The price release, and others items related to the new order, are available at:

www.cafmmo.com

Affected parties must comply with all provisions beginning November 1, 2018.

The Final Decision that was voted on is based on the record of a public hearing held September 22 through November 18, 2015 in Clovis, California.

California represents over 18 percent of all U.S. milk production and was previously regulated by a state milk marketing order administered by California Department of Agriculture (CDFA).

CME Dairy Commodity Prices Down in October

The price for barrel cheddar cheese on the Chicago Mercantile Exchange (CME) on October 26 was \$1.25 per pound, with 40-pound blocks at \$1.51½. The barrel price was down 14¾¢ from a month earlier, but 45¼¢ below a year ago. The block price was down 14½¢ from last month and 20¼¢ from last year. (See the graph on Page 2.)

The difference between the block and barrel prices is 26½¢. The historical spread between the two cheese prices has generally been between 3¢ and 5¢, but averaged nearly 8¢ in 2017, and so far in 2018 has averaged more than 13¢.

The CME butter price on October 26 was \$2.23¼ per pound, down 6½¢ from last month and 7¾¢ below a year earlier.

The price of CME nonfat dry milk (NFDM) on October 26 was \$0.86¾ per pound, down ¾¢ from last month, but 12¼¢ above a year ago.

The September Federal order Class III price was \$16.09 per cwt., up \$1.14 from August, but \$0.27 below last year. The Class III futures on the CME on October 26 had the price at \$15.53 for October, \$15.08 for November, and just above \$15 for the next few months.

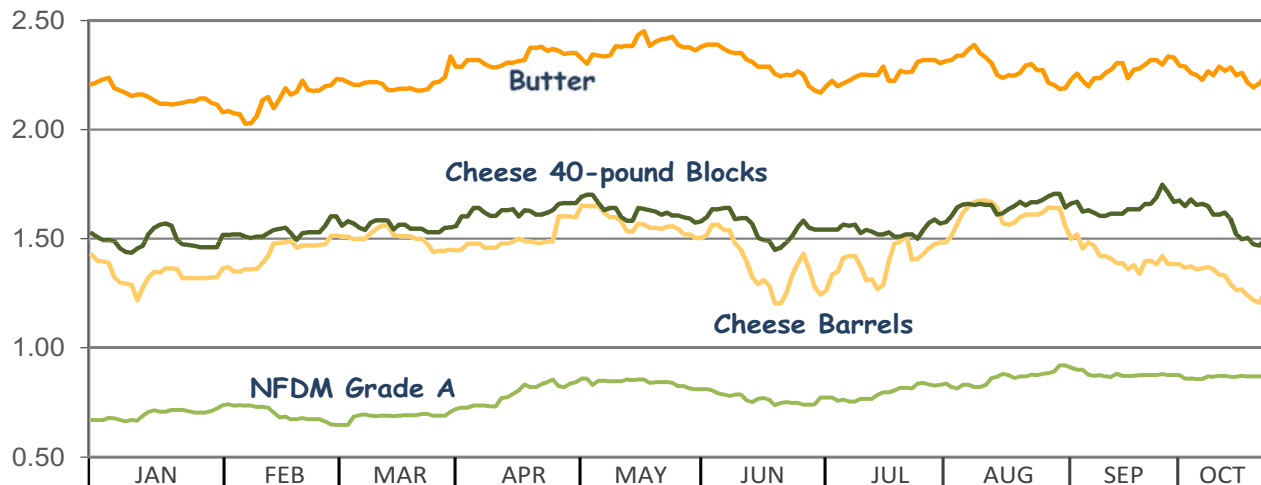
Pool Summary

- In September, producer milk totaled 2.16 billion pounds, down from last month and last year, primarily because of a larger estimated volume of milk not pooled.
- Class I utilization was 224 million pounds, a record low for the market.
- Class I use was down 8.5% on a daily basis from August and 16% below last year. In September, Class I use accounted for 10.4% of producer milk.
- The September Producer Price Differential (PPD) was \$(0.07) per cwt. (minus 7¢).
- The Statistical Uniform Price was \$16.02 per cwt., up \$0.94 from August, but \$0.52 below last year.
- Market statistics for September are shown on Pages 3, 4 and 5.

September 2018 Producer Milk by Class

	Percent	Product Pounds	Price \$/cwt.
Class I	10.4	224,327,700	16.65
Class II	6.9	148,918,236	15.13
Class III	77.3	1,666,387,643	16.09
Class IV	5.4	117,093,490	14.81
Total		2,156,727,069	

Chicago Mercantile Exchange - Selected Commodity Prices *



* Prices depicted are per pound for each day that trading occurred from January 1, 2018 through October 26, 2018.

F.O. 30 Component & SCC Levels in Herd Milk--2017

The Upper Midwest Order will soon release a staff paper prepared by Dr. Corey Freije, an agricultural economist with the Upper Midwest Order.

Staff Paper 18-02 entitled *“Analysis of Component Levels and Somatic Cell Count in Individual Herd Milk at the Farm Level -- 2017”* will be available on our website when published at:

www.fmma30.com/Staff_Papers.html

A paper copy of the study can be obtained by calling Dr. Freije, toll free, at (888) 301-8224, Ext. 226.

Data on the butterfat, protein, other solids and solids-not-fat (SNF) levels and somatic cell count (SCC) were examined for producer milk associated with the Upper Midwest Order during 2017.

Results from the analyses include: market and state averages and seasonal variation in component levels and SCC, and statistical relationships among the four components in individual herd milk at the farm level.

Major Findings

- 1) Weighted average component levels and SCC for 2017 were 3.85% butterfat, 3.13% protein, 5.76% other solids, 8.89% SNF, and 198,000 SCC.
- 2) For 2017, weighted average butterfat and protein levels were lowest in July and highest at the end of the year, while other solids levels were lowest in the fourth quarter and highest in August. Monthly weighted average butterfat and protein tests ranged from 3.70% to 4.01% and from 3.03% to 3.22%, respectively. Other solids only ranged between 5.74% and 5.78%. Weighted average SCC were lowest in May and highest in August, ranging between 173,000 and 217,000.
- 3) Butterfat and protein tests were on average lower with larger producers, while other solids and solids-not-fat tests tended to be higher with larger producers. Larger producers, on average, also tended to have lower somatic cell counts than their smaller counterparts.
- 4) In 2017, the range of weighted average component levels within one standard deviation of the weighted average was: 3.52% to 4.18% for butterfat; 2.96% to 3.30% for protein; 5.68% to 5.84% for other solids; 8.71% to 9.07% for SNF; and 105,000 to 291,000 for SCC.
- 5) Within the paper, weighted average Somatic Cell Count was examined from the years 2005 through 2017. It is notable that there is a seasonal pattern of higher levels in the summer, and lower levels in the fall and winter. Furthermore, there is a general trend of lower highs and lower lows. Seasonal high levels of SCC for 2012 and beyond are lower than the seasonal low was in 2005. Somatic cell counts under the Upper Midwest Order have shown a sustained and substantial downward trend between 2005 and 2017, with the annual weighted averages dropping from 285,000 in 2005 to 198,000 in 2017.
- 6) The annual weighted average value of butterfat, protein, and other solids, adjusted for SCC, was \$17.48 per cwt. for the market in 2017. Butterfat was the most valuable component, followed by Protein. Those two components contributed more than 90% of the total value between them.

Weighted Average Levels of Selected Components and Somatic Cell Count in Milk by Month 2017

Month	Butterfat - % -	Protein - % -	Other Solids - % -	Solids- Not-Fat - % -	Somatic Cell Count - 1,000 -
January	3.93	3.19	5.75	8.93	205
February	3.88	3.15	5.75	8.90	200
March	3.89	3.14	5.75	8.90	199
April	3.84	3.10	5.76	8.87	199
May	3.81	3.10	5.76	8.86	198
June	3.74	3.05	5.77	8.82	209
July	3.70	3.03	5.76	8.79	217
August	3.74	3.07	5.78	8.85	213
September	3.81	3.11	5.78	8.89	201
October	3.88	3.16	5.75	8.91	189
November	4.01	3.22	5.74	8.96	176
December	4.01	3.22	5.74	8.96	173
Minimum	3.70	3.03	5.74	8.79	173
Maximum	4.01	3.22	5.78	8.96	217
Annual Average	3.85	3.13	5.76	8.89	198

Upper Midwest Pool Statistics - September 2018

Market Class I Differential Rate	Pool Plants	Received at Pool Plants	Diverted to Pool and Nonpool Plants	Total	Location Adjustment to Producers	Class I Differential to Handlers	
<i>Cwt.</i>	<i>Number</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Value</i>	<i>Pounds</i>	<i>Value</i>
\$1.80	4	45,099,151	4,914,727	50,013,878	\$ 0	38,689,206	\$ 696,406
\$1.75	30	101,433,872	1,170,866,538	1,272,300,410	636,150	68,570,467	1,199,983
\$1.70*	28	187,745,484	646,667,297	834,412,781	854,776	117,068,027	1,986,251
Total	62	334,278,507	1,822,448,562	2,156,727,069	\$1,490,926	224,327,700	\$3,882,640

* Includes the restricted data from the \$1.65 zone.

Computation of Producer Price Differential - September 2018

	Utilization Percentage	Product Pounds	Component Pounds	Rate	Value
Class I Differential Value					\$ 3,882,639.87
Product	10.4%	224,327,700			
Skim Milk			220,681,893	\$ 5.9200	13,064,368.09
Butterfat			3,645,807	2.6118	9,522,118.74
Class II Product	6.9%	148,918,236			
Nonfat Solids			12,973,313	0.7144	9,268,134.80
Butterfat			8,087,129	2.5512	20,631,883.51
Class III Product	77.3%	1,666,387,643			
Protein			51,536,532	2.0029	103,222,519.96
Other Solids			96,415,818	0.2098	20,228,038.60
Butterfat			61,292,953	2.5442	155,941,531.04
Class IV Product	5.4%	117,093,490			
Nonfat Solids			9,881,156	0.6801	6,720,174.21
Butterfat			9,715,890	2.5442	24,719,167.35
SCC Adjustment (Class II, III, and IV)					2,497,358.63
Total Producer Milk *		2,156,727,069			\$ 369,697,934.80
Add:					
Overage					17,525.82
Inventory Reclassified					12,935.29
Other Source Milk \$.60(h)					0.00
Other Source Milk \$.60(i)		104,100			2,856.43
Subtract:					
Transportation Credit					20,908.00
Assembly Credit					177,778.66
Credit for Reconstituted FMP					0.00
Producer Milk Protein					133,472,913.50
Producer Milk Other Solids					26,129,777.41
Producer Milk Butterfat					210,511,634.13
Producer Milk SCC Adjustment					2,779,302.30
Total Milk and Value		2,156,831,169			\$ (3,361,061.66)
Add:					
Location Adjustment -- Producer and Unregulated Supply Plant Milk					1,488,652.47
One-Half Unobligated Balance Producer Settlement Fund					1,315,240.23
Total Value				(0.025833)	\$ (557,168.96)
Subtract:					
Producer Settlement Fund Reserve				0.044167	952,612.86
Producer Price Differential **				\$ (0.07)	\$ (1,509,781.82)

* An estimated 911 million pounds of milk was not pooled.

** Producer Price Differential is dollars per cwt. at the Base Zone of Cook County, Illinois.



Utilization and Classification of Milk

	September 2018		August 2018	September 2017
	Product Pounds	Butterfat Pounds	Product Pounds	Product Pounds
Class I Utilization:				
Packaged Disposition				
Milk	39,676,881	1,307,729	48,364,118	48,529,625
Flavored Milk	2,540,260	85,331	2,768,535	2,448,091
Reduced Fat Milk	79,230,100	1,535,537	94,401,738	97,128,134
Lowfat Milk	44,314,054	415,266	45,454,762	50,316,051
Fat Free Milk	31,974,122	33,287	34,541,415	39,592,289
Flavored Reduced and Fat Free Milk	27,596,830	201,191	23,866,100	30,949,178
Buttermilk	1,905,182	18,611	2,369,926	1,986,730
Total Packaged Disposition	227,237,429	3,596,952	251,766,594	270,950,098
Total Ending Inventory	22,370,488	338,008	23,196,077	20,836,304
Bulk to Nonpool Plants	1,717,929	41,021	2,661,596	96,539
Shrinkage	2,284,001	132,846	825,528	1,086,917
Total Class I Utilization	253,609,847	4,108,827	278,449,795	292,969,858
Other Order Plants	(5,472,430)	(98,071)	(4,219,071)	(2,710,256)
Beginning Inventory	(23,353,527)	(359,058)	(20,433,662)	(21,772,235)
Reused Products	0	0	0	0
Other Source Milk	(143,762)	(781)	(436,707)	(574,762)
Overage	0	0	0	0
Interhandler Adjustment	(312,428)	(5,110)	15,180	482,006
Class I Producer Milk	224,327,700	3,645,807	253,375,535	268,394,611
Class II Utilization:				
Total Class II Utilization	152,721,910	8,089,304	71,390,144	74,859,882
Other Order Plants	0	0	--	--
Beginning Inventory	--	--	(2,725,746)	(2,013,280)
Reused Products	(3,803,674)	(2,175)	(5,730,850)	(6,986,453)
Other Source Milk	0	0	(65,275)	(1,601,286)
Overage	--	--	--	--
Class II Producer Milk	148,918,236	8,087,129	62,868,273	64,258,863
Class III Utilization:				
Total Class III Utilization	1,677,356,864	61,457,101	2,481,872,722	2,746,444,044
Other Order Plants	--	--	-577,453	-4,366,832
Beginning Inventory	(706,432)	(39,499)	(2,319,947)	(3,203,496)
Reused Products	--	--	--	--
Other Source Milk	(10,225,298)	(122,118)	(3,854,664)	(3,869,762)
Overage	(37,491)	(2,531)	(146,696)	(57,912)
Class III Producer Milk	1,666,387,643	61,292,953	2,474,973,962	2,734,946,042
Class IV Utilization:				
Total Class IV Utilization	208,792,525	13,251,119	259,692,534	206,597,309
Other Order Plants	(3,093,790)	(112,653)	(6,531,179)	(9,215,427)
Beginning Inventory	(10,706,303)	(639,572)	(12,256,474)	(14,003,643)
Reused Products	0	0	0	0
Other Source Milk	(77,879,349)	(2,780,071)	(82,371,685)	(61,250,952)
Overage	(19,593)	(2,933)	(267,253)	(9,719)
Class IV Producer Milk	117,093,490	9,715,890	158,265,943	122,117,568
Total Producer Milk -- All Classes	2,156,727,069	82,741,779	2,949,483,713	3,189,717,084

-- Restricted Information

Commodity Prices

Month/Year	Weighted Monthly Average Prices						Weighted Two-Week Average Prices					
	Cheddar Cheese			Nonfat			Cheddar Cheese			Nonfat		
	Blocks	Barrels	Average	Butter	Dry Milk	Dry Whey	Blocks	Barrels	Average	Butter	Dry Milk	Dry Whey
	<i>Dollars per Pound</i>						<i>Dollars per Pound</i>					
Sep 2017	1.6744	1.6176	1.6608	2.5298	0.8499	0.4167	1.6747	1.6291	1.6668	2.5315	0.8565	0.4211
Oct	1.7170	1.7032	1.7254	2.3718	0.8099	0.3790	1.6801	1.6751	1.6932	2.3849	0.8274	0.3829
Nov	1.7475	1.7450	1.7617	2.2810	0.7553	0.3587	1.7457	1.7511	1.7641	2.2636	0.7563	0.3561
Dec	1.6085	1.6587	1.6481	2.2319	0.7237	0.3030	1.6241	1.6500	1.6513	2.2256	0.7290	0.2995
Jan 2018	1.5296	1.4760	1.5175	2.1972	0.6966	0.2755	1.5193	1.5259	1.5391	2.2339	0.6926	0.2792
Feb	1.5305	1.3862	1.4727	2.1112	0.7084	0.2525	1.5316	1.3794	1.4694	2.0983	0.7123	0.2516
Mar	1.5718	1.5078	1.5542	2.1759	0.6963	0.2531	1.5628	1.5024	1.5468	2.1741	0.6964	0.2467
Apr	1.5997	1.5185	1.5737	2.2452	0.7134	0.2592	1.5890	1.5284	1.5730	2.2175	0.7004	0.2575
May	1.6624	1.5790	1.6363	2.3382	0.7937	0.2711	1.6702	1.5878	1.6438	2.3246	0.7993	0.2712
Jun	1.6470	1.5549	1.6150	2.3756	0.8150	0.3086	1.6500	1.5859	1.6324	2.3714	0.8249	0.3041
Jul	1.5756	1.3796	1.4868	2.2596	0.7824	0.3372	1.5830	1.3736	1.4849	2.2659	0.7806	0.3361
Aug	1.5886	1.4912	1.5544	2.3192	0.8111	0.3681	1.5771	1.4766	1.5418	2.3282	0.8109	0.3709
Sep	1.6770	1.6016	1.6533	2.2724	0.8548	0.4028	1.6816	1.6398	1.6753	2.2684	0.8536	0.4075
Oct							1.6719	1.4553	1.5723	2.2836	0.8707	0.4379

Month/Year	Chicago Mercantile Exchange					USDA Dairy Market News				
	Butter	Cheddar Cheese		NFDM	Whey	NFDM Low/Medium Heat		Whey Powder		
	Grade AA	Blocks	Barrels	Grade A	Extra Grade	Central & East	West	Northeast	Central	West
	<i>Dollars per Pound</i>									
Sep 2017	2.4370	1.6370	1.5691	0.8320		0.8775	0.8531	0.3904	0.3721	0.3873
Oct	2.3293	1.7305	1.6970	0.7761		0.8355	0.8052	0.3607	0.3355	0.3543
Nov	2.2244	1.6590	1.6656	0.7234		0.7555	0.7452	0.3417	0.3095	0.3295
Dec	2.2078	1.4900	1.5426	0.6759		0.7161	0.7006	0.3206	0.2796	0.2794
Jan 2018	2.1587	1.4938	1.3345	0.6926		0.6986	0.6879	0.2856	0.2375	0.2558
Feb	2.1211	1.5157	1.4096	0.7097		0.7217	0.7158	0.2772	0.2375	0.2545
Mar	2.2011	1.5614	1.5071	0.6808	0.2848	0.7183	0.6928	0.2701	0.2577	0.2684
Apr	2.3145	1.6062	1.4721	0.7656	0.3038	0.7345	0.7397	0.2711	0.2673	0.2746
May	2.3751	1.6397	1.5870	0.8441	0.3452	0.8101	0.8302	0.2969	0.2951	0.3033
Jun	2.3270	1.5617	1.4145	0.7790	0.4030	0.8191	0.8052	0.3317	0.3231	0.3467
Jul	2.2361	1.5364	1.3707	0.7783	0.4118	0.7996	0.7752	0.3687	0.3343	0.3675
Aug	2.3009	1.6341	1.5835	0.8497	0.4548	0.8327	0.8428	0.3915	0.3854	0.4021
Sep	2.2545	1.6438	1.4503	0.8845	0.5225	0.8943	0.8822	0.4312	0.4334	0.4528

Market Statistics

Month/Year	Distributing Plants	Supply Plants	Coop .9(c) Handlers	Producers	Total Producer Milk	Est. Average Daily Delivery Per Producer	Class I Utilization	Butterfat Test	Protein Test	Other Solids Test	Weighted Average SCC
					Mil. lbs.	Pounds	Percent	Percent	Percent	Percent	
										(000)	
Aug 2017	15	50	12	10,541	3,220	9,828	8.3	3.74	3.07	5.78	205
Sep	16	49	12	10,716	3,190	9,897	8.4	3.80	3.10	5.79	196
Oct	17	50	12	8,729	2,192	8,099	12.7	3.86	3.13	5.75	182
Nov	18	49	12	8,663	2,099	8,067	13.4	4.00	3.21	5.73	168
Dec	18	49	12	8,956	2,582	9,292	10.6	4.01	3.21	5.74	164
Jan 2018	17	48	12	9,180	2,850	10,005	9.9	4.02	3.20	5.73	173
Feb	18	48	11	9,499	2,879	10,820	8.7	4.00	3.19	5.74	173
Mar	16	47	12	8,673	2,688	9,995	10.0	3.95	3.15	5.75	167
Apr	17	47	11	8,599	2,597	10,062	9.8	3.96	3.14	5.75	165
May	16	47	12	8,459	2,590	9,879	10.0	3.84	3.05	5.77	171
Jun	15	47	12	9,821	3,050	10,346	7.7	3.75	3.01	5.79	189
Jul	16	47	12	9,653	3,252	10,855	7.2	3.75	3.00	5.79	200
Aug	15	47	11	9,028	2,949	10,539	8.6	3.78	3.04	5.78	194
Sep	15	47	12		2,157		10.4	3.84	3.09	5.77	195

Class Prices

Month/Year	Class I Price Mover			Class I Price at Cook County, IL			Class II Price			
	Butterfat	Skim Milk	3.50%	Butterfat	Skim Milk	3.50%	Butterfat	Nonfat Solids	Skim Milk	3.50%
	<i>lb.</i>	<i>cwt.</i>	<i>cwt.</i>	<i>lb.</i>	<i>cwt.</i>	<i>cwt.</i>	<i>lb.</i>	<i>lb.</i>	<i>cwt.</i>	<i>cwt.</i>
Sep 2017	3.0291	6.33	16.71	3.0471	8.13	18.51	2.8629	0.7811	7.03	16.80
Oct	2.8580	6.67	16.44	2.8760	8.47	18.24	2.6716	0.7600	6.84	15.95
Nov	2.6804	7.28	16.41	2.6984	9.08	18.21	2.5616	0.7311	6.58	15.32
Dec	2.5335	8.30	16.88	2.5515	10.10	18.68	2.5021	0.6600	5.94	14.49
Jan 2018	2.4875	6.98	15.44	2.5055	8.78	17.24	2.4601	0.6333	5.70	14.11
Feb	2.4976	5.71	14.25	2.5156	7.51	16.05	2.3560	0.5978	5.38	13.44
Mar	2.3334	5.38	13.36	2.3514	7.18	15.16	2.4343	0.6197	5.55	13.88
Apr	2.4251	5.82	14.10	2.4431	7.62	15.90	2.5183	0.6011	5.41	14.03
May	2.4777	5.98	14.44	2.4957	7.78	16.24	2.6309	0.6056	5.45	14.47
Jun	2.6074	6.35	15.25	2.6254	8.15	17.05	2.6762	0.7033	6.33	15.48
Jul	2.6641	6.25	15.36	2.6821	8.05	17.16	2.5357	0.7278	6.55	15.20
Aug	2.5363	5.46	14.15	2.5543	7.26	15.95	2.6079	0.6844	6.16	15.07
Sep	2.6118	5.92	14.85	2.6298	7.72	16.65	2.5512	0.7144	6.43	15.13
Oct	2.5393	7.71	16.33	2.5573	9.51	18.13		0.7567	6.81	
Nov	2.5578	6.81	15.52	2.5758	8.61	17.32		0.7733	6.96	

Month/Year	Class III Price					Class IV Price			
	Butterfat	Protein	Other Solids	Skim Milk	3.50%	Butterfat	Nonfat Solids	Skim Milk	3.50%
	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>cwt.</i>	<i>cwt.</i>	<i>lb.</i>	<i>lb.</i>	<i>cwt.</i>	<i>cwt.</i>
Sep 2017	2.8559	1.6988	0.2241	6.59	16.36	2.8559	0.6753	6.08	15.86
Oct	2.6646	2.1084	0.1853	7.63	16.69	2.6646	0.6357	5.72	14.85
Nov	2.5546	2.3412	0.1644	8.23	16.88	2.5546	0.5816	5.23	13.99
Dec	2.4951	2.0378	0.1070	6.95	15.44	2.4951	0.5503	4.95	13.51
Jan 2018	2.4531	1.6612	0.0787	5.61	14.00	2.4531	0.5235	4.71	13.13
Feb	2.3490	1.6265	0.0550	5.37	13.40	2.3490	0.5352	4.82	12.87
Mar	2.4273	1.8066	0.0556	5.93	14.22	2.4273	0.5232	4.71	13.04
Apr	2.5113	1.7810	0.0619	5.89	14.47	2.5113	0.5401	4.86	13.48
May	2.6239	1.8609	0.0742	6.21	15.18	2.6239	0.6196	5.58	14.57
Jun	2.6692	1.7478	0.1128	6.08	15.21	2.6692	0.6407	5.77	14.91
Jul	2.5287	1.4827	0.1422	5.44	14.10	2.5287	0.6085	5.48	14.14
Aug	2.6009	1.6245	0.1741	6.06	14.95	2.6009	0.6369	5.73	14.63
Sep	2.5442	2.0029	0.2098	7.45	16.09	2.5442	0.6801	6.12	14.81

Producer Prices

Month/Year	Producer Price Differential	Statistical Uniform Price (at 3.50%)	Butterfat Price	Protein Price	Other Solids Price	SCC Adjustment Rate	Producer Mailbox Price (at test)
	<i>\$ per cwt.</i>	<i>\$ per cwt.</i>	<i>\$ per lb.</i>	<i>\$ per lb.</i>	<i>\$ per lb.</i>	<i>\$ per cwt.</i>	<i>\$ per cwt.</i>
	Jul 2017	0.35	15.80	2.9456	1.2248	0.2599	0.00077
Aug	0.23	16.80	3.0109	1.5536	0.2425	0.00083	18.22
Sep	0.18	16.54	2.8559	1.6988	0.2241	0.00083	18.19
Oct	(0.03)	16.66	2.6646	2.1084	0.1853	0.00086	18.60
Nov	(0.21)	16.67	2.5546	2.3412	0.1644	0.00088	19.09
Dec	0.13	15.57	2.4951	2.0378	0.1070	0.00082	17.75
Jan 2018	0.26	14.26	2.4531	1.6612	0.0787	0.00076	16.38
Feb	0.19	13.59	2.3490	1.6265	0.0550	0.00074	15.70
Mar	0.03	14.25	2.4273	1.8066	0.0556	0.00078	16.14
Apr	0.07	14.54	2.5113	1.7810	0.0619	0.00079	16.48
May	0.07	15.25	2.6239	1.8609	0.0742	0.00082	16.76
Jun	0.19	15.40	2.6692	1.7478	0.1128	0.00081	16.33
Jul	0.27	14.37	2.5287	1.4827	0.1422	0.00074	15.34
Aug	0.13	15.08	2.6009	1.6245	0.1741	0.00078	
Sep	(0.07)	16.02	2.5442	2.0029	0.2098	0.00083	

Summary of Federal Order Data - September 2018

Federal Order Number / Name	Producer Deliveries <i>— Thousand Pounds —</i>	Class I Producer Receipts	Class I Utilization <i>Percent</i>	Class I Price <i>— Dollars per Cwt. —</i>	Producer Price Differential	Uniform or Statistical Uniform Price at 3.5% Butterfat		
						FOB Market	FOB Cook Cty. Illinois <i>Dollars per Cwt.</i>	Change From Previous Year
1 Northeast	2,144,954	712,976	33.2	\$ 18.10	\$ 0.62	\$ 16.71	\$ 15.26	\$(1.18)
5 Appalachian	444,517	308,593	69.4	18.25	n/a	17.35	15.75	(1.71)
6 Florida	204,787	167,685	81.9	20.25	n/a	19.23	15.63	(1.91)
7 Southeast	394,257	294,735	74.8	18.65	n/a	17.94	15.94	(1.67)
30 Upper Midwest	2,156,727	224,328	10.4	16.65	(0.07)	16.02	16.02	(0.52)
32 Central	1,074,168	384,535	35.8	16.85	(0.45)	15.64	15.44	(1.08)
33 Mideast	1,461,753	527,075	36.1	16.85	(0.26)	15.83	15.63	(1.17)
124 Pacific Northwest	610,692	147,702	24.2	16.75	(0.65)	15.44	15.34	(1.15)
126 Southwest	755,861	345,953	45.8	17.85	0.22	16.31	15.11	(1.27)
131 Arizona	353,869	100,284	28.3	17.20	n/a	15.85	15.30	(1.04)
All Market Average or Total *	9,601,585	3,213,865	33.5					

n/a = Not applicable.

* May not add due to rounding.

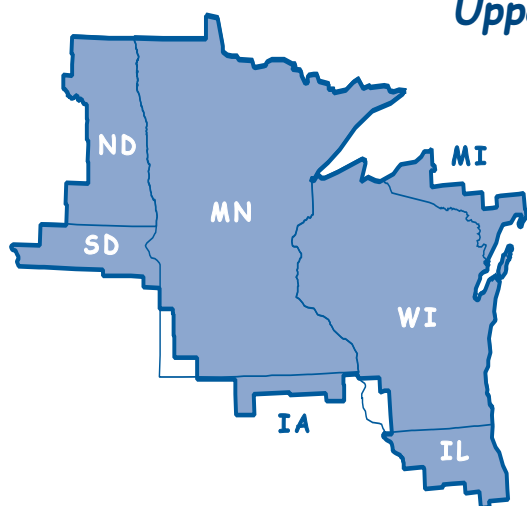
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