



The Market Administrator's Bulletin

MIDEAST MARKETING AREA

Federal Order No. 33

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January 2000

MULTIPLE COMPONENT PRICING FOR THE MIDEAST MARKETING AREA

Producers whose milk is pooled in the new combined Mideast Marketing Area will see some changes on their milk check for January 2000. The components to be priced are butterfat, protein and other solids. The Producer Price Differential will be paid on the total volume of milk pooled. The somatic cell adjustment rate is now applied to the total volume of milk on a per hundredweight basis, rather than to the pounds of protein.

The butterfat, protein price, other solids price and somatic cell adjustment will be announced with the class prices on or before the 5th of the month for the preceding month. The producer price differential will be announced on or before the 13th day after the end of each month.

COMPONENT PRICES

BUTTERFAT PRICE

The butterfat price per pound, rounded to the nearest one-hundredth cent, shall be the U.S. average NASS AA Butter survey price reported by the Department for the month less 11.4 cents, with the result divided by 0.82. The 11.4 cents is a make allowance and 0.82 is the yield factor.

Example: December 1999

$$\begin{aligned} \text{U.S. Average NASS AA Butter Survey Price} &= \$0.9179 \\ (\$0.9179 - 0.114) / 0.82 &= \$0.9804 / \text{lb} \end{aligned}$$

OTHER SOLIDS PRICE

The other solids price per pound, rounded to the nearest one-hundredth cent, shall be the U.S. average NASS dry whey survey price reported by the Department for the month less 13.7 cents, with the result divided by 0.968. The 13.7 cents is a make allowance and 0.968 is a yield factor.

Example: December 1999

$$\begin{aligned} \text{U.S. Average NASS Dry Whey Survey Price} &= \$0.1892 \\ (\$0.1892 - 0.137) / 0.968 &= \$0.0539 / \text{lb} \end{aligned}$$

PROTEIN PRICE

The protein price per pound rounded to the nearest one-hundredth cent is computed as follows: A weighted average of the NASS survey price for 40-pound block cheese and 500-pound barrel cheese (39 percent moisture) less 17.02 cents, with the result multiplied by 1.405. The 17.02 is a make allowance and the 1.405 is the protein yield factor.

The result is then adjusted for butterfat by taking the weighted

average cheese price less the 17.02 make allowance, times 1.582, the butterfat yield factor, less the butterfat price with the result multiplied by 1.28, the ratio of butterfat to protein in cheese.

Example: December 1999

$$\begin{aligned} \text{NASS Weighted Average Cheese Price} &= \$1.1371 \\ (\$1.1371 - 0.1702) \times 1.405 &= \$1.3585 \\ (((1.1371 - 0.1702) \times 1.582) - 0.9804) \times 1.28 &= \underline{0.7030} \\ &= \$2.0615 / \text{lb} \end{aligned}$$

SOMATIC CELL ADJUSTMENT

The somatic cell adjustment rate per hundredweight of milk is determined by multiplying the NASS Weighted Average Cheese Price by 0.0005. The 0.005 is the amount of increased or decreased cheese yield resulting from somatic cell counts greater or less than 350 and adjusted for thousands. The somatic cell count of the milk (reported in thousands) is then subtracted from 350 and the result is multiplied times the adjustment rate.

Example: December 1999

$$\$1.1371 \times 0.0005 = \$0.00057$$

Somatic Cell Count of 250,000

$$350 - 250 = 100 \times 0.00057 = \$0.06 / \text{cwt}$$

Somatic Cell Count of 500,000

$$350 - 500 = (150) \times 0.00057 = (\$0.09) / \text{cwt}$$

PRODUCER PRICE DIFFERENTIAL

The producer price differential reflects the classified value of the milk in the pool with adjustments for location, inventory, overages and producer settlement fund reserves, the sum of which is divided by the total milk in the pool.

VALUE OF PRODUCER MILK

The value of producer milk will be the sum of the following:

- * Butterfat price times pounds of butterfat
- * Protein price times pounds of protein
- * Other solids price times pounds of other solids
- * Somatic cell adjustment times the total hundredweight of producer milk
- * Producer price differential times the total hundredweight of producer milk. This price is adjusted for the location of the plant at which the milk is received.

See example on page 7.

**MARKET STATISTICS
DECEMBER 1999**

Ohio Valley, Eastern Ohio - Western Pennsylvania,
Southern Michigan, and Michigan Upper Peninsula Marketing Areas

	<u>ORDER 33</u>	<u>ORDER 36</u>	<u>ORDER 40</u>	<u>ORDER 44*</u>
PRODUCER MILK CLASSIFICATION				
Class I	154,831,275	162,970,355	181,787,206	4,622,348
Class II	48,139,618	19,245,363	57,810,310	116,080
Class III	64,119,979	110,559,108	145,343,336	783,886
Total	267,090,872	292,774,826	384,940,852	5,522,314
OTHER SOURCE RECEIPTS				
Non-Pool Plants	8,931,002	38,543,750	13,985,980	58,125
Producer-Handler/Unapproved		****	****	
Powder-Condensed (Sk. Equiv.)	5,415,221	3,291,277	2,618,969	****
Opening Inventory	22,620,910	17,407,140	30,841,023	517,780
Overage	392,004		83,010	
Total	37,359,137	59,242,167	47,528,982	575,905
TOTAL RECEIPTS	304,450,009	352,016,993	432,469,834	6,098,219
PRODUCTION SUMMARY				
Producer Milk Percent Protein	3.33%	3.28%	3.28%	
Producer Milk Percent Butterfat	3.90%	3.88%	3.80%	3.83%
Number of Producer Farms	2,451	3,049	3,007	79
Average Daily Production Per Farm	3,515	3,098	4,130	2,255
Average Daily Production	8,615,835	9,444,349	12,417,447	178,139
Number of Reports - Plants and Cooperatives	17	25	22	3
Number of Reporting Handlers	12	21	18	3
Income Per Farm (Monthly Average)	\$13,905	\$11,800	\$15,473	\$8,827
Total Somatic Cell Adjustment	\$153,175	\$158,291	\$278,193	
PRICE SUMMARY				
Weighted Average Differential - per cwt.	**\$2.75	\$2.30		
Producer Price Differential - per cwt.			\$2.20	
Producer Butterfat Price - per lb.	0.93	0.93	0.9262	
Producer Protein Price - per lb.	1.91	1.93	1.4941	
Class I - per cwt	**13.53	**13.49	**13.24	**\$12.64
Class II	11.79	11.79	11.79	11.79
Class III	9.63	9.63	9.63	9.63
Class III-A	10.69	10.69	10.69	10.69
Uniform Price (Orders 33, 36 & 40 Informational Purposes Only)	**12.38	**11.93	**11.83	***12.35
Butterfat Differential	0.086	0.086	0.086	0.086
Basic Formula Protein Test	3.29%	3.29%	3.29%	
Skim Milk Price - per cwt.	\$6.62	\$6.62	\$6.62	
Fluid Carrier Price - per cwt.			1.58	
Milk Protein Price - per lb.	1.94	1.94	1.4941	
* Individual Handler Pool				
** Subject to Location Adjustment				
***Market Average Uniform Price				
**** Restricted, included with non-pool plants				

COMBINED MARKET STATISTICS - ORDERS 33, 36, 40 & 44

December 1999 **December 1998**

Total Producer Milk	950,328,864	910,719,983
Class I Producer Milk	504,211,184	480,623,452
Class II Producer Milk	125,311,371	139,320,268
Class III Producer Milk	320,806,309	290,776,263
Number of Producers	8,586	8,539
Average Daily Delivery	3,570	3,440
Number of Handler Reports	67	67

**DISPOSITION OF RECEIPTS BY POOL HANDLERS
DECEMBER 1999**

Ohio Valley, Eastern Ohio - Western Pennsylvania,
Southern Michigan, and Michigan Upper Peninsula Marketing Areas

	<u>ORDER 33</u>	<u>ORDER 36</u>	<u>ORDER 40</u>	<u>ORDER 44*</u>
CLASS I				
Whole Milk	40,155,446	42,661,026	52,435,990	510,912
Flavored Whole	2,743,800	3,196,260	2,720,527	**
2% Lowfat Milk	69,076,932	70,243,532	65,211,876	2,373,833
1% Lowfat Milk	12,338,902	13,061,045	6,189,311	513,587
Flavored Milk Drinks	10,024,215	7,684,372	11,144,880	353,128
Skim Milk	20,590,928	25,392,841	42,203,247	992,762
Buttermilk	1,741,717	1,511,390	1,313,112	**
Bulk Sales	**	**	3,516,496	
Shrinkage	824,958	153,065	1,058,512	75,988
Ending Inventory	12,865,770	11,026,949	13,530,877	**
Total Class I	170,362,668	174,930,480	199,324,828	4,820,210
CLASS II				
Cream	1,992,538	1,199,061	5,461,563	17,847
Sour Cream, Dips & Yogurt	29,445,406	1,281,734	17,924,494	***
Cottage Cheese & Ricotta Cheese	9,991,477	9,861,041	10,862,687	***
Ice Cream Mix, Condensed & Comm. Foods	11,752,530	5,400,818	27,904,389	***
Skim Equivalent	4,766,398	2,450,866	2,109,701	***
Eggnog	1,247,751	2,319,252	1,144,806	***
Transfers to Other Federal Order Pool Plants.	***	***	1,958,932	
Ending Inventory	107,478	30,743		145,096
Total Class II	59,303,578	22,543,515	67,366,572	162,943
CLASS III				
Hard Cheese	46,810,374	117,988,138	89,403,105	***
Butter	2,483,932	6,072,217	6,080,268	302,875
Condensed, Evaporated & NFDN	8,267,350	18,236,281	48,341,200	
Livestock Feed & Dump	513,738	671,184	***	***
Skim Equivalent Used to Fortify	285,007	771,290	398,354	
Transfers to Other Federal Order Pool Plants	10,118,269	2,563,049	3,668,723	
Ending Inventory	3,940,889	4,886,674	13,337,361	***
Other		482,775	373,185	716,780
Shrinkage	2,364,204	2,871,390	4,176,238	95,411
Total Class III	74,783,763	154,542,998	165,778,434	1,115,066
TOTAL DISPOSITION	304,450,009	352,016,993	432,469,834	6,098,219
PRODUCER BUTTERFAT UTILIZATION				
Class I	3,006,493	3,160,896	3,491,081	79,796
Class II	3,476,058	1,710,259	5,416,667	21,186
Class III	3,942,121	6,482,592	5,721,336	110,302
Total Butterfat	10,424,672	11,353,747	14,629,084	211,284
PRODUCER PROTEIN UTILIZATION				
Class II / III	3,625,859	4,147,220	6,561,444	
Total Protein	8,883,732	9,606,792	12,622,032	
SOMATIC CELL ADJUSTMENT				
Class II / III	\$63,149	\$59,843	\$141,731	

* Individual Handler Pool

** Restricted, included in 2% Lowfat

*** Restricted, included in Other & Ending Inventory

**COMPUTATION OF PRODUCER PRICES
DECEMBER 1999**

OHIO VALLEY
Federal Order 33

COMPUTATION OF WEIGHTED AVERAGE DIFFERENTIAL PRICE	PERCENT	POUNDS	RATE	VALUE
Class I Producer Milk	58.0	154,831,275	\$3.90 /cwt	\$ 6,038,419.74
Class II Producer Milk	18.0	48,139,618	2.16 /cwt	1,039,815.71
Class III Producer Milk	<u>24.0</u>	<u>64,119,979</u>		<u>.00</u>
TOTAL MILK IN POOL	100.0	267,090,872		\$ 7,078,235.45
Overages				34,487.68
Inventory Adjustments, OS Charges & Class IIIA				115,738.61
Class I Location Adjustments				33,646.07
Producer Location Adjustments				80,481.80
½ Unobligated Balance in Producer Settlement Fund				<u>109,811.88</u>
TOTAL WEIGHTED AVERAGE DIFFERENTIAL VALUE		267,090,872	2.7902120	\$ 7,452,401.49
Producer Settlement Fund Reserve			<u>(0.0402120)</u>	<u>(107,402.58)</u>
WEIGHTED AVERAGE DIFFERENTIAL PRICE		267,090,872	\$ 2.75 /cwt	\$ 7,344,998.91
COMPUTATION OF PRODUCER PROTEIN PRICE				
Total Class I Skim Pounds		151,824,782	\$6.62 /cwt	\$ 10,050,800.54
Total Class II / III Protein		3,625,859	1.94 /lb	7,034,166.46
Total Producer Somatic Cell Value				(153,175.38)
Total Class II / III Somatic Cell Adjustment Value				<u>63,148.91</u>
PRODUCER PROTEIN PRICE		8,883,732	\$1.91 /lb	\$ 16,994,940.53
PRODUCER BUTTERFAT PRICE		10,424,672	\$0.93 /lb	<u>9,694,944.96</u>
TOTAL POOL VALUE				\$ 34,034,884.40

EASTERN OHIO - WESTERN PENNSYLVANIA
Federal Order 36

COMPUTATION OF WEIGHTED AVERAGE DIFFERENTIAL PRICE	PERCENT	POUNDS	RATE	VALUE
Class I Producer Milk	55.6	162,970,355	\$3.86 /cwt	\$ 6,290,655.74
Class II Producer Milk	6.6	19,245,363	2.16 /cwt	415,699.85
Class III Producer Milk	<u>37.8</u>	<u>110,559,108</u>		<u>.00</u>
TOTAL MILK IN POOL	100.0	292,774,826		\$ 6,706,355.59
Inventory Adjustments, OS Charges & Class IIIA				35,972.87
Class I Location Adjustments				(51.50)
Producer Location Adjustments				13,637.52
½ Unobligated Balance in Producer Settlement Fund				<u>108,173.26</u>
TOTAL WEIGHTED AVERAGE DIFFERENTIAL VALUE		292,774,826	2.3444938	\$ 6,864,087.74
Producer Settlement Fund Reserve			<u>(0.0444938)</u>	<u>(130,266.65)</u>
WEIGHTED AVERAGE DIFFERENTIAL PRICE		292,774,826	\$2.30 /cwt	\$ 6,733,821.09
COMPUTATION OF PRODUCER PROTEIN PRICE				
Total Class I Skim Pounds		159,809,459	\$6.62 /cwt	\$ 10,579,386.22
Total Class II / III Protein		4,147,220	1.94 /lb	8,045,606.80
Total Producer Somatic Cell Value				(158,291.05)
Total Class II / III Somatic Cell Adjustment Value				<u>59,843.49</u>
PRODUCER PROTEIN PRICE		9,606,792	\$1.93 /lb	\$ 18,526,545.46
PRODUCER BUTTERFAT PRICE		11,353,747	\$0.93 /lb	<u>10,558,984.71</u>
TOTAL POOL VALUE				\$ 35,819,351.26

**COMPUTATION OF PRODUCER PRICES
DECEMBER 1999**

SOUTHERN MICHIGAN

Federal Order 40

	<u>PERCENT</u>	<u>POUNDS</u>	<u>RATE</u>	<u>TOTAL VALUE</u>
COMPUTATION OF PRODUCER PRICE DIFFERENTIAL				
Class I Producer Milk	47.2	181,787,206	\$ 3.61 /cwt	\$ 6,562,518.14
Class II Producer Milk	15.0	57,810,310	2.16 /cwt	1,248,702.70
Class III Producer Milk	<u>37.8</u>	<u>145,343,336</u>		<u>.00</u>
<i>TOTAL MILK IN POOL</i>	100.0	384,940,852		\$ 7,811,220.84
Total Class I Skim Pounds		178,296,125	6.62 /cwt	\$ 11,803,203.48
Total Class II / III Protein		6,561,444	1.4941 /lb	9,803,453.49
Total Fluid Carrier Class II / III		185,454,199	1.58 /cwt	2,930,176.35
Total Producer Somatic Cell Value				(278,193.46)
Total Class II / III Somatic Cell Value				141,730.65
Handler Location Adjustments				(51,200.57)
Inventory Adjustments & Overages				100,594.12
Overages				9,974.85
Class IIIA				467,078.28
Producer Location Adjustments				152,510.40
1/2 Unobligated Balance in Producer Settlement Fund				<u>348,800.00</u>
<i>SUBTOTAL VALUE</i>				\$ 33,239,348.43
Total Producer Protein		12,622,032	1.4941 /lb	\$(18,858,578.01)
Total Fluid Carrier		357,689,736	1.58 /cwt	<u>(5,651,497.82)</u>
<i>DIFFERENTIAL POOL VALUE</i>		384,940,852	2.267692	\$ 8,729,272.60
Producer Settlement Fund Reserve			<u>(0.067692)</u>	<u>(260,574.16)</u>
<i>PRODUCER PRICE DIFFERENTIAL</i>		384,940,852	\$ 2.20 /cwt	\$ 8,468,698.44
PRODUCER BUTTERFAT PRICE		14,629,084	\$0.9262 /lb	\$ 13,549,457.60
TOTAL POOL VALUE				\$ 46,528,231.87

MICHIGAN UPPER PENINSULA

*Federal Order 44

	<u>PERCENT</u>	<u>MILK POUNDS</u>	<u>3.5% PER CWT.</u>	<u>TOTAL VALUE</u>
Class I Producer Milk	83.7	4,622,348		\$ 592,754.55
Class II Producer Milk	2.1	116,080		13,685.83
Class III Producer Milk	<u>14.2</u>	<u>783,886</u>		<u>75,488.22</u>
<i>TOTAL MILK IN POOL</i>	100.0	5,522,314		\$ 681,928.60
Inventory Adjustments				(84.32)
Previous Month Adjusted Forward				145.81
Fraction to Carry Forward				<u>(139.08)</u>
<i>TOTAL 3.5% VALUE OF PRODUCER MILK</i>		5,522,314		\$ 681,851.01
<i>MARKET AVERAGE UNIFORM PRICE FOR 3.5% MILK</i>		5,522,314	\$12.35	
<i>PRODUCER BUTTERFAT DIFFERENTIAL</i>			\$0.086	

*Individual Handler Pool

Federal Order 33 Federal Order 36 Federal Order 40

COMPUTATION OF UNIFORM PRICE

Class III (BFP) Price	\$ 9.63	\$ 9.63	\$ 9.63
Weighted Average Differential Price / *Producer Price Differential	<u>2.75</u>	<u>2.30</u>	<u>2.20</u>
<i>UNIFORM PRICE (For informational purposes only)</i>	\$12.38	\$11.93	\$11.83

MARKETING SUMMARIES

(13 Months)

	Class I	Class II	Class III	Uni- form	B'fat Diff.	Total Pounds	Class I	Class II	Class III	No. of Farms	Daily Avg. Del.
OHIO VALLEY											
1998											
DEC	18.08	16.34	17.34	17.50	0.132	249,559,709	140,631,341	51,990,202	56,938,166	2,395	3,361
1999											
JAN	18.88	17.14	16.27	17.86	0.137	257,860,524	139,225,164	53,183,293	65,452,067	2,427	3,427
FEB	19.38	17.64	10.27	16.79	0.139	222,388,925	128,246,586	35,481,035	58,661,304	2,299	3,455
MAR	18.31	16.57	11.62	16.29	0.132	251,384,775	141,556,871	42,319,473	67,508,431	2,399	3,380
APR	12.31	10.57	11.81	11.83	0.095	230,739,758	141,431,736	54,308,361	34,999,661	2,322	3,312
MAY	13.66	11.92	11.26	11.62	0.111	277,739,632	132,510,807	62,704,991	82,523,834	2,350	3,812
JUN	13.85	12.11	11.42	12.86	0.161	247,993,155	122,690,034	61,235,943	64,067,178	2,400	3,444
JUL	13.30	11.56	13.59	12.84	0.134	219,073,797	138,861,195	64,856,216	15,356,386	2,095	3,373
AUG	13.46	11.72	15.79	13.09	0.136	215,714,231	145,775,595	60,648,358	9,290,278	2,348	2,964
SEP	15.63	13.89	16.26	15.22	0.126	214,961,303	150,236,965	51,866,903	12,857,435	2,451	2,923
OCT	17.83	16.09	11.49	15.84	0.110	261,950,325	143,904,035	47,489,463	70,556,827	2,528	3,343
NOV	18.30	16.56	9.79	15.83	0.107	243,540,995	146,152,861	29,957,002	67,431,132	2,534	3,204
DEC	13.53	11.79	9.63	12.38	0.086	267,090,872	154,831,275	48,139,618	64,119,979	2,451	3,515
EASTERN OHIO - WESTERN PENNSYLVANIA											
1998											
DEC	18.04	16.34	17.34	17.62	0.132	290,032,839	157,721,025	23,514,951	108,796,863	3,163	2,958
1999											
JAN	18.84	17.14	16.27	17.71	0.137	289,547,347	158,548,386	19,754,631	111,244,330	3,140	2,975
FEB	19.34	17.64	10.27	15.75	0.139	262,440,789	147,039,183	12,744,384	102,657,222	3,138	2,987
MAR	18.27	16.57	11.62	15.63	0.132	294,932,217	163,213,470	19,002,873	112,715,874	3,093	3,076
APR	12.27	10.57	11.81	11.93	0.095	306,245,489	157,570,026	28,640,291	120,035,172	3,182	3,208
MAY	13.62	11.92	11.26	11.62	0.111	315,764,602	149,764,251	27,389,465	138,610,886	3,168	3,215
JUN	13.81	12.11	11.42	12.63	0.161	298,307,069	139,144,707	29,615,040	129,547,322	3,142	3,165
JUL	13.26	11.56	13.59	13.15	0.134	216,538,057	149,799,211	26,170,464	40,568,382	2,603	2,683
AUG	13.42	11.72	15.79	13.53	0.136	197,803,858	150,915,641	23,774,571	23,113,646	2,559	2,493
SEP	15.59	13.89	16.26	15.58	0.126	212,593,328	151,553,622	19,673,715	41,365,991	2,658	2,666
OCT	17.79	16.09	11.49	15.34	0.110	270,961,304	155,220,303	14,474,050	101,266,951	2,992	2,921
NOV	18.26	16.56	9.79	15.24	0.107	264,504,217	156,873,942	16,035,752	91,594,523	3,009	2,930
DEC	13.49	11.79	9.63	11.93	0.086	292,774,826	162,970,355	19,245,363	110,559,108	3,049	3,098
SOUTHERN MICHIGAN											
1998											
DEC	17.79	16.34	17.34	16.86	0.132	366,251,912	177,977,273	63,752,693	124,521,946	2,907	4,064
1999											
JAN	18.59	17.14	16.27	17.23	0.137	375,078,130	177,481,749	69,184,119	128,412,262	2,943	4,111
FEB	19.09	17.64	10.27	15.98	0.139	338,843,603	158,320,180	58,029,229	122,494,194	2,905	4,166
MAR	18.02	16.57	11.62	15.54	0.132	374,848,770	175,173,401	68,378,294	131,297,075	2,968	4,074
APR	12.02	10.57	11.81	11.55	0.095	373,497,066	172,197,822	83,740,631	117,558,613	2,977	4,182
MAY	13.37	11.92	11.26	11.62	0.111	394,402,329	168,586,307	78,402,422	147,413,600	2,991	4,254
JUN	13.56	12.11	11.42	12.74	0.161	369,245,952	156,357,049	76,551,184	136,337,719	2,953	4,168
JUL	13.01	11.56	13.59	12.82	0.134	351,255,983	168,591,447	82,232,004	100,432,532	2,876	3,940
AUG	13.17	11.72	15.79	13.39	0.136	347,972,329	181,617,971	85,587,308	80,767,050	2,944	3,813
SEP	15.34	13.89	16.26	15.16	0.126	333,277,411	179,726,992	77,211,084	76,339,335	2,741	4,053
OCT	17.54	16.09	11.49	15.49	0.110	355,460,917	177,974,246	68,320,822	109,165,849	2,873	3,991
NOV	18.01	16.56	9.79	15.27	0.107	344,201,944	172,184,694	61,431,959	110,585,291	2,869	3,999
DEC	13.24	11.79	9.63	11.83	0.086	384,940,852	181,787,206	57,810,310	145,343,336	3,007	4,130

DECEMBER AGRICULTURAL PRICES HIGHLIGHTS

The index of prices paid by farmers for commodities and services, interest, taxes, and wage rates in December 1999 was unchanged at 117. Compared with December 1998, the index up 3 points (2.6 percent). The index of prices received by farmers for dairy products declined 14 points during the month of December 1999 to 95. Compared with December 1998, the index was down 44 points (31.7 percent).

On a 3.5 percent butterfat basis, prices received by farmers in December with changes from November were: for All Milk, \$12.15 per hundredweight (cwt.), down \$1.85; Fluid Grade Milk, \$12.15 per cwt., down \$1.96; and for Manufacturing Grade Milk, \$10.34 per cwt., down \$0.20.

SELECTED MILK PRICES, COWS AND DAIRY FEED PRICES SELECTED STATES AND U.S., DECEMBER 1999 WITH COMPARISONS

STATE	All-milk price ^{1/ 3/}				Cows ^{5/}		All hay baled ^{6/}	
	Dollars per cwt.		Dollars per cwt.		Dollars per cwt.		Dollars per ton	
	NOVEMBER		DECEMBER		DECEMBER		DECEMBER	
	1999 ^{2/}	1998 ^{2/}	1999 ^{4/}	1998 ^{2/}	1999 ^{6/}	1998 ^{7/}	1999	1998
CA	12.71	16.88	11.22	16.79	34.00	30.30	81.00	94.00
ID	11.13	17.29	10.57	17.46	36.00	29.60	82.00	78.00
MI	15.68	17.01	12.25	17.28	35.20	31.00	81.00	86.00
MN	11.87	18.05	11.53	18.46	35.50	32.40	61.00	66.00
NY	14.92	17.17	12.39	17.87	-----	-----	115.00	102.00
OH	15.91	16.96	12.57	17.31	34.00	31.90	123.00	99.00
PA	16.38	17.45	11.74	17.93	36.30	32.20	136.00	116.00
TX	15.58	17.53	13.82	17.92	31.90	29.10	67.00	81.00
WA	14.04	16.84	11.36	16.94	-----	-----	103.00	94.00
WI	12.15	17.78	12.10	18.18	36.20	31.80	51.00	82.00
U.S.	14.00	17.30	12.15	17.62	34.70	30.80	71.10	78.40

1/ Prices converted to 3.5 percent butterfat. 2/ Partially revised. 3/ Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies. 4/ Preliminary. 5/ Beef cows and cull cows sold for slaughter. 6/ Mid-month price. 7/ Entire month.

SOURCE: "Agricultural Prices," Pr 1 (12/99), Agricultural Statistics Board, National Agricultural Statistics Service, USDA.

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Example of Producer Payment				
	<u>Pounds</u>	<u>Test</u>	<u>Price</u>	<u>Value</u>
Product	100,000		\$2.75 /cwt.	\$ 2,750.00
Butterfat	3,500	3.5	0.9804 /lb.	3,431.40
Protein	3,200	3.2	2.0615 /lb.	6,596.80
Other Solids	5,900	5.9	0.0539 /lb.	318.01
Somatic Cell	100,000	250	0.06 /cwt.	<u>60.00</u>
				\$13,156.21

SUMMARY OF PRODUCER COMPONENT PRICES

	<u>Weighted Avg. Differential</u> <i>(per cwt.)</i>		<u>Producer Price Diff.</u> <i>(per cwt.)</i>	<u>Producer Butterfat Price*</u> <i>(per lb.)</i>	<u>Producer Protein Price*</u> <i>(per lb.)</i>			<u>Total Somatic Cell Adjustment</u> <i>(dollars)</i>		
	<u>Order 33</u>	<u>Order 36</u>	<u>Order 40</u>	<u>Orders 33/36/40</u>	<u>Order 33</u>	<u>Order 36</u>	<u>Order 40</u>	<u>Order 33</u>	<u>Order 36</u>	<u>Order 40</u>
1998										
DEC	0.16	0.28	(0.48)	1.4472	3.70	3.73	2.4693	143,145	137,297	351,338
1999										
JAN	1.59	1.44	0.96	1.4848	3.35	3.37	2.3225	93,369	115,961	250,670
FEB	6.52	5.48	5.71	1.4441	1.60	1.61	1.7173	29,320	48,262	142,650
MAR	4.67	4.01	3.92	1.3900	2.07	2.09	1.7281	66,330	90,048	178,885
APR	0.02	0.12	(0.26)	1.0349	2.54	2.56	1.7333	46,928	44,738	172,656
MAY	1.35	1.19	1.07	1.1838	2.22	2.23	1.6713	67,147	60,727	189,037
JUN	1.44	1.21	1.32	1.6679	1.77	1.77	1.6826	(14,348)	(4,066)	84,573
JUL	(0.75)	(0.44)	(0.77)	1.4290	2.80	2.81	1.9407	(42,675)	(69,817)	43,397
AUG	(2.70)	(2.26)	(2.40)	1.4703	3.41	3.42	2.2721	(82,643)	(74,547)	20,643
SEP	(1.04)	(0.68)	(1.10)	1.3785	3.51	3.54	2.3790	30,130	21,903	118,331
OCT	4.35	3.85	4.00	1.1764	2.19	2.21	1.8992	77,744	65,937	198,982
NOV	6.04	5.45	5.48	1.1305	1.74	1.75	1.6029	96,145	94,075	224,982
DEC	2.75	2.30	2.20	0.9262	1.91	1.93	1.4941	153,175	158,291	278,193

* Orders 33 and 36 rounded to nearest cent, Order 40 rounded to nearest one-hundredth cent.

Weighted Averages - Protein, Butterfat, Somatic Cell Count by Various Size Categories Combined Orders 33, 36 and 40

Production Range	November 1999			November 1998		
	Number of Producers	Pounds of Milk (000)	-----Weighted Averages----- Protein Butterfat SCC(000)	Protein	Butterfat	SCC(000)
1 - 30,000	1,752	30,154	3.38 3.98 350	3.39	4.00	349
30,001 - 60,000	2,145	95,041	3.36 3.93 321	3.37	3.93	327
60,001 - 90,000	1,450	107,029	3.33 3.85 302	3.36	3.89	308
90,001 - 120,000	861	89,335	3.33 3.84 298	3.35	3.87	302
120,001 - 150,000	585	78,299	3.33 3.85 294	3.33	3.85	290
150,001 - 250,000	878	168,044	3.31 3.84 274	3.33	3.86	280
250,001 - 500,000	470	156,773	3.29 3.81 259	3.30	3.84	265
500,001 & Over	140	125,895	3.24 3.71 251	3.26	3.73	247
Total / Average	8,281	850,571	3.31 3.83 284	3.33	3.86	289

Weighted Averages - Protein, Butterfat, Somatic Cell Count by State

Combined Orders 33, 36 and 40

State	November 1999			November 1998				
	Number of Producers	Pounds of Milk (000)	-----Weighted Averages-----			-----Weighted Averages-----		
			Protein	Butterfat	SCC(000)	Protein	Butterfat	SCC(000)
Ohio	2,932	287,059	3.33	3.87	289	3.35	3.87	294
Pennsylvania	1,689	127,946	3.32	3.86	338	3.35	3.91	336
Michigan	2,826	364,865	3.29	3.79	259	3.30	3.83	267
New York	301	36,016	3.27	3.82	271	3.31	3.90	266
West Virginia	109	8,090	3.39	3.85	364	3.39	3.82	347
Indiana	293	19,895	3.33	3.92	302	3.38	3.90	299
Other	131	6,700	3.36	3.83	307	3.35	3.91	305
Total/Average	8,281	850,571	3.31	3.83	284	3.33	3.86	289

Producer Pounds and Count by Somatic Cell Range *

Somatic Cell Range (000)	November 1999				Number of Prod.	Percent of Milk by SCC Range	Average Farm Size
	Order 33 Pounds (000)	Order 36 Pounds (000)	Order 40 Pounds (000)	Combined Pounds (000)			
1 - 50	**	**	111	111	10	0.0	11,100
51 - 100	3,427	4,580	8,415	16,422	224	1.9	73,313
101 - 150	16,594	20,308	42,690	79,592	726	9.4	109,631
151 - 200	30,933	39,250	54,473	124,656	1,085	14.7	114,890
201 - 250	48,673	44,749	81,094	174,516	1,301	20.5	134,140
251 - 300	47,470	42,334	51,858	141,662	1,236	16.7	114,613
301 - 350	28,270	32,232	45,684	106,186	992	12.5	107,042
351 - 400	24,279	25,000	25,555	74,834	789	8.8	94,847
401 - 450	12,981	18,710	16,520	48,211	574	5.7	83,991
451 - 500	11,397	14,493	8,993	34,883	463	4.1	75,341
501 - 550	6,619	9,615	4,397	20,631	285	2.4	72,389
551 - 600	4,329	5,099	2,358	11,786	204	1.4	57,775
601 - 650	1,496	3,637	1,030	6,163	134	0.7	45,993
651 - 700	1,928	2,024	639	4,591	82	0.5	55,988
701 - 750	448	1,416	276	2,140	56	0.3	38,214
751 - Above	1,342	1,933	913	4,188	120	0.5	34,900
Totals	240,185	265,380	345,006	850,571	8,281	100.0	102,714

* Totals may not add due to rounding.

** Restricted information, included in the 51-100 SCC Range.

The Market Administrator's Bulletin
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<p align="center">BULK RATE U.S. POSTAGE PAID Cleveland, Ohio Permit No. 2511</p>
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INTERMARKET MILK MOVEMENT*

	Order 33		Order 36		Order 40		Order 44	
	Out of Market	Into Market	Out of Market	Into Market	Out of Market	Into Market	Out of Market	Into Market
August	21,241,094	30,393,397	29,681,258	12,575,097	23,206,273	4,741,184	540,750	4,044,666
September	22,367,607	31,741,882	30,118,624	13,213,961	22,721,759	4,487,588	540,750	3,901,531
October	21,866,956	32,475,289	28,637,959	12,490,056	22,979,823	4,272,025	537,126	3,812,897
November	22,235,367	29,883,467	28,012,361	13,092,293	22,950,351	4,400,770	550,385	3,950,054

* Total pounds of packaged fluid (Class I) milk sold out of the marketing areas by pool handlers in Orders 33, 36, 40 and 44. Total pounds of packaged fluid (Class I) milk coming into the marketing areas by other federal orders. Data provided on a one month delay basis.

AVERAGE MARKET PRICES & QUOTATIONS

	<u>December 1999</u>	<u>December 1998</u>
Basic Formula Price at 3.5%	\$9.63	\$17.34
Basic Formula Price at Test	10.00	17.93
40 lb. Block of Cheese (NASS, U.S. Average)	1.1319	1.8707
Butter, Equivalent Grade A	0.8263	1.3231
Butter, Grade AA (Chicago Mercantile Exchange)	0.9163	1.4131
Nonfat Dry Milk (Low/Med Heat, Western States)	1.0039	1.1009
Nonfat Dry Milk (Central States)	1.0168	1.1490
Dry Buttermilk (Western States)	0.7304	0.9182
Basic Formula Protein Test	3.29%	3.30%
Basic Formula Butterfat Test	3.93%	3.95%
 Minimum Advance Payment Price for January 2000/1999	 \$9.63	 \$17.34