

February 2016 Quota & Excess Prices Determination for Montana

	Quota Delivered (lbs)	Excess Delivered (lbs)	Total Delivered (lbs)
Skim	21,207,902	1,094,487	22,302,389
Butterfat	822,323	42,138	864,461
Milk	22,030,225	1,136,625	23,166,850
% of Total Production	95.09%	4.91%	100.00%

SKIM						
	Skim Value (\$)	Additional Value of Reclassified Pool Milk - Skim (\$)	Skim Value Based on Producer Usage (\$)	Skim - Announced Price (\$/lb)	Month's Production Utilized - SKIM (Producer Usage) (lbs)	% of Total Production Utilized - SKIM
Class I	\$ 1,071,990.37	\$0.00	\$ 1,071,990.37	\$ 0.0845953	12,671,985	56.82%
Class II	\$ 31,924.27	\$0.73	\$ 31,923.54	\$ 0.0640415	498,482	2.24%
Class III	\$ 519,927.81		\$ 519,927.81	\$ 0.0569352	9,131,922	40.95%
	\$ 1,623,842.44				22,302,389	100.00%

Calculation of Poolwide Value of Skim:

\$ 1,623,842.44	Skim Value
\$ 37,143.86	Gain / Loss on Out-of-State Sale of Surplus before Hauling
\$ (46,474.21)	Out-of-State Surplus Hauling
\$ (44,352.18)	In-State Surplus Hauling
\$ 1,570,159.92	Poolwide Value of Skim

\$ 27,554.63	1/2 of Prior Month's Settlement Fund Balance
\$ (26,436.27)	Less: Quota Milk Delivered * \$0.12/cwt
\$ 1,571,278.28	Adjusted Poolwide Value of Skim

22,302,389	Total Skim Delivered (lbs)
\$ 0.0704534	Poolwide Value of Skim (\$/lb)

Quota Skim Price Calculation:

\$ 0.0150000	Quota/Excess Differential (\$/lb): \$1.50/cwt / 100 lbs/cwt
4.90626%	Excess % of Total Production
\$ 0.0007359	Quota Differential for Skim (\$/lb)
\$ 0.0704534	Poolwide Value of Skim (\$/lb)
\$ 0.0711893	Quota Blend Price for Skim (\$/lb)
\$ 6.87	Quota Value for Skim Portion of cwt of milk testing 3.5% butterfat - 96.5 lbs Skim *

Excess Skim Price Calculation:

\$ (0.0150000)	Quota/Excess Differential (\$/lb): \$1.50/cwt / 100 lbs/cwt
95.09374%	Quota % of Total Production
\$ (0.0142641)	Excess Differential (\$/lb)
\$ 0.0704534	Poolwide Value of Skim (\$/lb)
\$ (0.0142641)	Less: Excess Differential (\$/lb)
\$ 0.0561893	Excess Blend Price for Skim (\$/lb)
\$ 5.42	Excess Value for Skim Portion of cwt of milk testing 3.5% butterfat - 96.5 lbs Skim *

Blend Prices @ 3.5% butterfat test

\$ 6.87	Quota Value for Skim Portion of cwt of milk testing 3.5% butterfat *
\$ 7.24	Quota Value for Butterfat Portion of cwt of milk testing 3.5% butterfat *
\$ 14.11	Quota Blend Price (\$/cwt for milk testing 3.5% butterfat) *
\$ 5.42	Excess Value for Skim Portion of cwt of milk testing 3.5% butterfat *
\$ 7.19	Excess Value for Butterfat Portion of cwt of milk testing 3.5% butterfat *
\$ 12.61	Excess Blend Price (\$/cwt for milk testing 3.5% butterfat) *

BUTTERFAT						
	Butterfat Value (\$)	Additional Value of Reclassified Pool Milk - Butterfat (\$)	Butterfat Value Based on Producer Usage (\$)	Butterfat - Announced Price (\$/lb)	Month's Production Utilized (Producer Usage) - BUTTERFAT (lbs)	% of Total Production Utilized - BUTTERFAT
Class I	\$ 524,131.42	\$ -	\$ 524,131.42	\$ 2.2933	228,549	26.44%
Class II	\$ 142,375.55	\$29.15	\$ 142,346.40	\$ 2.4000	59,311	6.86%
Class III	\$ 1,121,200.64		\$ 1,121,200.64	\$ 1.9445	576,601	66.70%
	\$ 1,787,707.62				864,461	100.00%

Poolwide Value of Butterfat

864,461	Total Butterfat Delivered (lbs)
\$ 2.0680026	Poolwide Value of Butterfat (\$/lb)

Quota Butterfat Price Calculation:

\$ 0.0150000	Quota/Excess Differential (\$/lb): \$1.50/cwt / 100 lbs/cwt
4.90626%	Excess % of Total Production
\$ 0.0007359	Quota Differential for Butterfat (\$/lb)
\$ 2.0680026	Poolwide Value of Butterfat (\$/lb)
\$ 2.0687385	Quota Blend Price for Butterfat (\$/lb)
\$ 7.24	Quota Value for Butterfat Portion of cwt of milk testing 3.5% butterfat - 3.5 lbs Butterfat *

Excess Butterfat Price Calculation:

\$ (0.0150000)	Quota/Excess Differential (\$/lb): \$1.50/cwt / 100 lbs/cwt
95.09374%	Quota % of Total Production
\$ (0.0142641)	Excess Differential (\$/lb)
\$ 2.0680026	Poolwide Value of Butterfat (\$/lb)
\$ (0.0142641)	Less: Excess Differential (\$/lb)
\$ 2.0537385	Excess Blend Price for Butterfat (\$/lb)
\$ 7.19	Excess Value for Butterfat Portion of cwt of milk testing 3.5% butterfat - 3.5 lbs Butterfat *

* Rounded to two decimal places