

# January 2016 Quota & Excess Prices Determination for Montana

	Quota Delivered (lbs)	Excess Delivered (lbs)	Total Delivered (lbs)
Skim	22,470,007	1,213,310	23,683,317
Butterfat	881,241	47,507	928,748
Milk	23,351,248	1,260,817	24,612,065
% of Total Production	94.8772%	5.1228%	100.0000%

SKIM						
	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	\$ 1,027,061.60	\$ 0.00	\$ 1,027,061.60	\$ 0.0815964	12,587,094	53.15%
Class II	\$ 24,595.45	\$ 1.26	\$ 24,594.19	\$ 0.0649741	378,523	1.60%
Class III	\$ 622,265.37	\$ 622,265.37	\$ 0.0580596	\$ 0.0580596	10,717,700	45.25%
	\$ 1,673,922.42				23,683,317	100.00%
<b>Calculation of Poolwide Value of Skim:</b>						
	\$ 1,673,922.42	Skim Value				
	\$ 118,294.11	Gain / Loss on Out-of-State Sale of Surplus before Hauling				
	\$ (53,627.33)	Out-of-State Surplus Hauling				
	\$ (49,720.58)	In-State Surplus Hauling				
	\$ 1,688,868.62	Poolwide Value of Skim				
	\$ 27,086.95	1/2 of Prior Month's Settlement Fund Balance				
	\$ (28,021.50)	Less: Quota Milk Delivered * \$0.12/cwt				
	\$ 1,687,934.07	Adjusted Poolwide Value of Skim				
		23,683,317 Total Skim Delivered (lbs)				
	\$ 0.07127	Poolwide Value of Skim (\$/lb)				
<b>Quota Skim Price Calculation:</b>						
	\$ 0.01500	Quota/Excess Differential (\$/lb): \$1.50/cwt / 100 lbs/cwt				
	\$ 5.1228%	Excess % of Total Production				
	\$ 0.00077	Quota Differential for Skim (\$/lb)				
	\$ 0.07127	Poolwide Value of Skim (\$/lb)				
	\$ 0.0720	Quota Blend Price for Skim (\$/lb)				
	\$ 6.95	Quota Value for Skim Portion of cwt of milk testing 3.5% butterfat - 96.5 lbs Skim				
<b>Excess Skim Price Calculation:</b>						
	\$ (0.01500)	Quota/Excess Differential (\$/lb): \$1.50/cwt / 100 lbs/cwt				
	\$ 94.8772%	Quota % of Total Production				
	\$ (0.01423)	Excess Differential (\$/lb)				
	\$ 0.07127	Poolwide Value of Skim (\$/lb)				
	\$ (0.01423)	Less: Excess Differential (\$/lb)				
	\$ 0.0570	Excess Blend Price for Skim (\$/lb)				
	\$ 5.50	Excess Value for Skim Portion of cwt of milk testing 3.5% butterfat - 96.5 lbs Skim				

Blend Prices @ 3.5% butterfat test	
\$ 6.95	Quota Value for Skim Portion of cwt of milk testing 3.5% butterfat
\$ 7.39	Quota Value for Butterfat Portion of cwt of milk testing 3.5% butterfat
\$ 14.34	Quota Blend Price (\$/cwt for milk testing 3.5% butterfat)
\$ 5.50	Excess Value for Skim Portion of cwt of milk testing 3.5% butterfat
\$ 7.34	Excess Value for Butterfat Portion of cwt of milk testing 3.5% butterfat
\$ 12.84	Excess Blend Price (\$/cwt for milk testing 3.5% butterfat)

BUTTERFAT						
	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	\$ 694,229.79	\$ -	\$ 694,229.79	\$ 3.0617	226,747	24.41%
Class II	\$ 105,513.14	\$ 47.34	\$ 105,465.80	\$ 2.2000	47,939	5.16%
Class III	\$ 1,159,978.96	\$ 1,159,978.96	\$ 1.7735	\$ 1.7735	654,062	70.42%
	\$ 1,959,721.89				928,748	99.99%
	\$ 1,959,721.89	Poolwide Value of Butterfat				
		928,748 Total Butterfat Delivered (lbs)				
	\$ 2.11007	Poolwide Value of Butterfat (\$/lb)				
<b>Quota Butterfat Price Calculation:</b>						
	\$ 0.01500	Quota/Excess Differential (\$/lb): \$1.50/cwt / 100 lbs/cwt				
	\$ 5.1228%	Excess % of Total Production				
	\$ 0.00077	Quota Differential for Butterfat (\$/lb)				
	\$ 2.11007	Poolwide Value of Butterfat (\$/lb)				
	\$ 2.1108	Quota Blend Price for Butterfat (\$/lb)				
	\$ 7.39	Quota Value for Butterfat Portion of cwt of milk testing 3.5% butterfat - 3.5 lbs Butterfat				
<b>Excess Butterfat Price Calculation:</b>						
	\$ (0.01500)	Quota/Excess Differential (\$/lb): \$1.50/cwt / 100 lbs/cwt				
	\$ 94.8772%	Quota % of Total Production				
	\$ (0.01423)	Excess Differential (\$/lb)				
	\$ 2.11007	Poolwide Value of Butterfat (\$/lb)				
	\$ (0.01423)	Less: Excess Differential (\$/lb)				
	\$ 2.0958	Excess Blend Price for Butterfat (\$/lb)				
	\$ 7.34	Excess Value for Butterfat Portion of cwt of milk testing 3.5% butterfat - 3.5 lbs Butterfat				