

## April 2016 Quota & Excess Prices Determination for Montana

	Quota Delivered (lbs)	Excess Delivered (lbs)	Total Delivered (lbs)
Skim	21,875,954	926,593	22,802,547
Butterfat	846,192	35,287	881,479
Milk	22,722,146	961,880	23,684,026
% of Total Production	95.94%	4.06%	100.00%

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	\$ 1,029,407.49	\$0.00	\$ 1,029,407.49	\$ 0.0877062	11,736,998	51.47%
Class II	\$ 38,058.72	\$0.00	\$ 38,058.72	\$ 0.0609845	624,072	2.74%
Class III	\$ 559,322.78	\$ 559,322.78	\$ 0.0535674	10,441,477	45.79%	
	\$ 1,626,788.99			22,802,547	100.00%	
<b>Calculation of Poolwide Value of Skim:</b>						
	\$ 1,626,788.99	Skim Value				
	\$ 125,937.83	Gain / Loss on Out-of-State Sale of Surplus before Hauling				
	\$ (68,593.00)	Out-of-State Surplus Hauling				
	\$ (43,665.94)	In-State Surplus Hauling				
	\$ 1,640,467.88	Poolwide Value of Skim				
	\$ 27,593.99	1/2 of Prior Month's Settlement Fund Balance				
	\$ (27,266.58)	Less: Quota Milk Delivered * \$0.12/cwt				
	\$ 1,640,795.30	Adjusted Poolwide Value of Skim				
		22,802,547 Total Skim Delivered (lbs)				
	\$ 0.0719567	Poolwide Value of Skim (\$/lb)				
<b>Quota Skim Price Calculation:</b>						
	\$ 0.0150000	Quota/Excess Differential (\$/lb): \$1.50/cwt / 100 lbs/cwt				
	4.06130%	Excess % of Total Production				
	\$ 0.0006092	Quota Differential for Skim (\$/lb)				
	\$ 0.0719567	Poolwide Value of Skim (\$/lb)				
	\$ 0.0725659	Quota Blend Price for Skim (\$/lb)				
<b>Excess Skim Price Calculation:</b>						
	\$ (0.0150000)	Quota/Excess Differential (\$/lb): \$1.50/cwt / 100 lbs/cwt				
	95.93870%	Quota % of Total Production				
	\$ (0.0143908)	Excess Differential (\$/lb)				
	\$ 0.0719567	Poolwide Value of Skim (\$/lb)				
	\$ (0.0143908)	Less: Excess Differential (\$/lb)				
	\$ 0.0575659	Excess Blend Price for Skim (\$/lb)				

Blend Prices @ 3.5% butterfat test		
\$ 7.0026	Quota Value for Skim Portion of cwt of milk testing 3.5% butterfat *	
\$ 6.4496	Quota Value for Butterfat Portion of cwt of milk testing 3.5% butterfat *	
\$ 13.4522	Quota Blend Price (\$/cwt for milk testing 3.5% butterfat) *	
\$ 5.5551	Excess Value for Skim Portion of cwt of milk testing 3.5% butterfat *	
\$ 6.3971	Excess Value for Butterfat Portion of cwt of milk testing 3.5% butterfat *	
\$ 11.9522	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	\$ 474,433.34	\$ -	\$ 474,433.34	\$ 2.2361	212,170	24.07%
Class II	\$ 156,138.25	\$0.00	\$ 156,138.25	\$ 2.0500	76,165	8.64%
Class III	\$ 993,219.63	\$ 993,219.63	\$ 1.6745	593,144	67.29%	
	\$ 1,623,791.22			881,479	100.00%	
<b>\$ 1,623,791.22 Poolwide Value of Butterfat</b>						
		881,479 Total Butterfat Delivered (lbs)				
		1.84212127 Poolwide Value of Butterfat (\$/lb)				
<b>Quota Butterfat Price Calculation:</b>						
	\$ 0.0150000	Quota/Excess Differential (\$/lb): \$1.50/cwt / 100 lbs/cwt				
	4.06130%	Excess % of Total Production				
	\$ 0.0006092	Quota Differential for Butterfat (\$/lb)				
	\$ 1.8421213	Poolwide Value of Butterfat (\$/lb)				
	\$ 1.8427305	Quota Blend Price for Butterfat (\$/lb)				
<b>Excess Butterfat Price Calculation:</b>						
	\$ (0.0150000)	Quota/Excess Differential (\$/lb): \$1.50/cwt / 100 lbs/cwt				
	95.93870%	Quota % of Total Production				
	\$ (0.0143908)	Excess Differential (\$/lb)				
	\$ 1.8421213	Poolwide Value of Butterfat (\$/lb)				
	\$ (0.0143908)	Less: Excess Differential (\$/lb)				
	\$ 1.8277305	Excess Blend Price for Butterfat (\$/lb)				

\* Rounded to four decimal places