

<b>Milk Bulk Tank Culture</b>				
<b>Lab Pasteurization Test</b>				
Bulk tank milk	BUTTERWORKS FARM 1-2-20	20	Colonies/ml	
	BUTTERWORKS FARM 2-4-20	35	Colonies/ml	
	BUTTERWORKS FARM 3-3-20	15	Colonies/ml	
Range of results from all 30 farm visits (10 farms):	<b>Average</b>	243	Colonies/ml	
	<b>Lowest</b>	0	Colonies/ml	
	<b>Highest</b>	1,250	Colonies/ml	
<b>Standard plate count (32 degrees C)</b>				
Bulk tank milk	BUTTERWORKS FARM 1-2-20	3,700,000	Colonies/ml	
	BUTTERWORKS FARM 2-4-20	15	Colonies/ml	
	BUTTERWORKS FARM 3-3-20	600	Colonies/ml	
Range of results from all 30 farm visits (10 farms):	<b>Average</b>	123,454	Colonies/ml	
	<b>Lowest</b>	15	Colonies/ml	
	<b>Highest</b>	3,700,000	Colonies/ml	
<b>Pre-incubation count</b>				
Bulk tank milk	BUTTERWORKS FARM 1-2-20	1,250	Colonies/ml	
	BUTTERWORKS FARM 2-4-20	140	Colonies/ml	
	BUTTERWORKS FARM 3-3-20	19,500	Colonies/ml	
Range of results from all 30 farm visits (10 farms):	<b>Average</b>	2,264	Colonies/ml	
	<b>Lowest</b>	140	Colonies/ml	
	<b>Highest</b>	19,500	Colonies/ml	
<b>Coliform count (32 degrees C)</b>				
Bulk tank milk	BUTTERWORKS FARM 1-2-20	4,600,000	Colonies/ml	
	BUTTERWORKS FARM 2-4-20	0	Colonies/ml	
	BUTTERWORKS FARM 3-3-20	0	Colonies/ml	
Range of results from all 30 farm visits (10 farms):	<b>Average</b>	153,338	Colonies/ml	
	<b>Lowest</b>	0	Colonies/ml	
	<b>Highest</b>	4,600,000	Colonies/ml	
<b>Coliforms</b>				
Bulk tank milk	BUTTERWORKS FARM 1-2-20	220	Colonies/ml	<b>Moderate</b>
	BUTTERWORKS FARM 2-4-20	0	Colonies/ml	<b>NA</b>
	BUTTERWORKS FARM 3-3-20	0	Colonies/ml	<b>NA</b>
Range of results from all 30 farm visits (10 farms):	<b>Average</b>	11	Colonies/ml	
	<b>Lowest</b>	0	Colonies/ml	
	<b>Highest</b>	220	Colonies/ml	
<b>Non-ag Strep</b>				
Bulk tank milk	BUTTERWORKS FARM 1-2-20	50	Colonies/ml	<b>Low</b>
	BUTTERWORKS FARM 2-4-20	0	Colonies/ml	<b>NA</b>
	BUTTERWORKS FARM 3-3-20	80	Colonies/ml	<b>Low</b>
Range of results from all 30 farm visits (10 farms):	<b>Average</b>	85	Colonies/ml	
	<b>Lowest</b>	0	Colonies/ml	
	<b>Highest</b>	320	Colonies/ml	
<b>Staph aureus</b>				
Bulk tank milk	BUTTERWORKS FARM 1-2-20	5	Colonies/ml	<b>Low</b>
	BUTTERWORKS FARM 2-4-20	0	Colonies/ml	<b>NA</b>
	BUTTERWORKS FARM 3-3-20	5	Colonies/ml	<b>Low</b>
Range of results from all 30 farm visits (10 farms):	<b>Average</b>	22	Colonies/ml	

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Bedding Culture				
Coliforms				
BUTTERWORKS 1/2/2020 BEDDED PACK HAY	Coliforms	62,500	Colonies/ml	Moderate
BUTTERWORKS 1/2/2020 BEDDED PACK HAY	% Coliforms Klebsiella sp.	44 %		High
BUTTERWORKS 1/2/2020 TIE STALL SHAVINGS	Coliforms	10,000	Colonies/ml	Moderate
BUTTERWORKS 1/2/2020 TIE STALL SHAVINGS	% Coliforms Klebsiella sp.	0 %		Low
BUTTERWORKS 2/3/2020 BEDDED PACK HAY	Coliforms	25	Colonies/ml	Low
BUTTERWORKS 2/3/2020 BEDDED PACK HAY	% Coliforms Klebsiella sp.	0 %		Low
BUTTERWORKS 2/3/2020 TIE STALL SHAVINGS	Coliforms	0	Colonies/ml	Low
BUTTERWORKS 2/3/2020 TIE STALL SHAVINGS	% Coliforms Klebsiella sp.	0 %		Low
BUTTERWORKS 3/2/2020 BEDDED PACK HAY	Coliforms	6,250,000	Colonies/ml	High
BUTTERWORKS 3/2/2020 TIE STALL SHAVINGS	% Coliforms Klebsiella sp.	0 %		Low
BUTTERWORKS 3/2/2020 TIE STALL SHAVINGS	Coliforms	1,300	Colonies/ml	Low
BUTTERWORKS 3/2/2020 BEDDED PACK HAY	% Coliforms Klebsiella sp.	1 %		High
Range of results from all 30 farm visits (10 farms):				
	Bedded packs	Wood shavings		
Average	440,687	113,240	Colonies/ml	
Lowest	25	0	Colonies/ml	
Highest	6,250,000	1,075,000	Colonies/ml	
Average	16	11 %		
Lowest	0	0 %		
Highest	74	63 %		
Environ Strep				
BUTTERWORKS 1/2/2020 BEDDED PACK HAY	Streptococcus sp.	6,250,000	Colonies/ml	High
BUTTERWORKS 1/2/2020 TIE STALL SHAVINGS	Streptococcus sp.	1,025,000	Colonies/ml	Moderate
BUTTERWORKS 2/3/2020 BEDDED PACK HAY	Streptococcus sp.	2,700	Colonies/ml	Low
BUTTERWORKS 2/3/2020 TIE STALL SHAVINGS	Streptococcus sp.	105,000	Colonies/ml	Low
BUTTERWORKS 3/2/2020 BEDDED PACK HAY	Streptococcus sp.	650,000	Colonies/ml	Moderate
BUTTERWORKS 3/2/2020 TIE STALL SHAVINGS	Streptococcus sp.	525,000	Colonies/ml	Moderate
Range of results from all 30 farm visits (10 farms):				
	Bedded packs	Wood shavings		
Average	2,150,513	2,077,716	Colonies/ml	
Lowest	2,700	6,250	Colonies/ml	
Highest	6,250,000	6,250,000	Colonies/ml	
Staph species				
BUTTERWORKS 1/2/2020 BEDDED PACK HAY	Staphylococcus sp.	0	Colonies/ml	Low
BUTTERWORKS 1/2/2020 TIE STALL SHAVINGS	Staphylococcus sp.	0	Colonies/ml	Low
BUTTERWORKS 2/3/2020 BEDDED PACK HAY	Staphylococcus sp.	0	Colonies/ml	Low
BUTTERWORKS 2/3/2020 TIE STALL SHAVINGS	Staphylococcus sp.	0	Colonies/ml	Low
BUTTERWORKS 3/2/2020 BEDDED PACK HAY	Staphylococcus sp.	0	Colonies/ml	Low
BUTTERWORKS 3/2/2020 TIE STALL SHAVINGS	Staphylococcus sp.	0	Colonies/ml	Low
Range of results from all 30 farm visits (10 farms):				
	Bedded packs	Wood shavings		
Average	0	0	Colonies/ml	
Lowest	0	0	Colonies/ml	
Highest	0	0	Colonies/ml	