Bedding Culture, University of Minnesota	Holyoke		
	,		
Bacillus			
used wood chips	Bacillus sp.	325,000	Colonies/ml
unused wood chips	Bacillus sp.	1,550	Colonies/ml
Range of results from all 21 farms in study:	New Bedding	Used Bedding	
Average	27,816	4,096,429	Colonies/ml
Lowest	0	325,000	Colonies/ml
Highest	425,000	6,250,000	Colonies/ml
Coliforms			
used wood chips	Coliforms	125	Colonies/ml
unused wood chips	Coliforms	875	Colonies/ml
Range of results from all 21 farms in study:	New Bedding	Used Bedding	
Average	63	244,469	Colonies/ml
Lowest	0	25	Colonies/ml
Highest	875	2,950,000	Colonies/ml
Environ Strep			
used wood chips	Streptococcus sp.	4,500,000	Colonies/ml
unused wood chips	Streptococcus sp.	25	Colonies/ml
Range of results from all 21 farms in study:	New Bedding	Used Bedding	
Average	304	3,530,952	Colonies/ml
Lowest	0	0	Colonies/ml
Highest	2,500	6,250,000	Colonies/ml
Non-coliform Gram Negative			
used wood chips	Gram Negative Org.	2,500	Colonies/ml
unused wood chips	Gram Negative Org.	5,000	Colonies/ml
Range of results from all 21 farms in study:	New Bedding	Used Bedding	
Average	45,046	1,279,786	Colonies/ml
Lowest	0	2,250	Colonies/ml
Highest	725,000	6,250,000	Colonies/ml
Staph species			
used wood chips	Staphylococcus sp.	250	Colonies/ml
unused wood chips	Staphylococcus sp.	0	Colonies/ml
Range of results from all 21 farms in study:	New Bedding	Used Bedding	
Average	513	246,345	Colonies/ml
Lowest	0	0	Colonies/ml
Highest	10,000	2,600,000	Colonies/ml

Milk Bulk Tank Culture, University of Minnes	ota		
0.115			
Coliforms		_	
bulk tank milk	Low	5	Colonies/ml
Range of results from all 21 farms in study:	Average	1	Colonies/ml
	Lowest	0	Colonies/ml
	Highest	5	Colonies/ml
Non ag Stron			
Non-ag Strep bulk tank milk	Low	155	Colonies/ml
Range of results from all 21 farms in study:	Low	156	Colonies/ml
hange of results from all 21 farms in study.	Average Lowest	10	Colonies/ml
	Highest	1,250	Colonies/ml
Staph aureus	- Ingilest	_,	<i></i>
bulk tank milk	Moderate	50	Colonies/ml
Range of results from all 21 farms in study:	Average	44	Colonies/ml
	Lowest	0	Colonies/ml
	Highest	320	Colonies/ml
Staph sp.			
bulk tank milk	Low	75	Colonies/ml
Range of results from all 21 farms in study:	Average	95	Colonies/ml
	Lowest	0	Colonies/ml
	Highest	665	Colonies/ml
Strep agalactiae			
bulk tank milk	NA	0	Colonies/ml
None of the 21 farms in study were positive f	or Strep. ag		
Mycoplasma Culture - Milk			
bulk tank milk	Negative		
None of the 21 farms in study were positive f	or Mycoplasma		