Bedding Culture, University of Minnesota	BJ Farm		
,			
Bacillus			
used wood chips	Bacillus sp.	6,250,000	Colonies/ml
unused wood chips	Bacillus sp.	50	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	500,000	Colonies/ml
unused wood chips	Coliforms	0	Colonies/ml
Range of results from all 21 farms in study:	New Bedding	Used Bedding	
Average		244,469	Colonies/ml
Lowest		25	Colonies/ml
Highest	875	2,950,000	Colonies/ml
Environ Strep	Characteristics	6 350 000	Calaniaa/aal
used wood chips	Streptococcus sp.	6,250,000	Colonies/ml
unused wood chips	Streptococcus sp.	0 Used Bedding	Colonies/ml
Range of results from all 21 farms in study:	New Bedding 304	3,530,952	Colonies/ml
Average Lowest		3,330,932	Colonies/ml
Highest		6,250,000	Colonies/ml
Non-coliform Gram Negative	2,300	0,230,000	Colornes/IIII
used wood chips	Gram Negative Org.	3,400,000	Colonies/ml
unused wood chips	Gram Negative Org.	0	Colonies/ml
Range of results from all 21 farms in study:	New Bedding	Used Bedding	
Average	~	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.	900,000	Colonies/ml
unused wood chips	Staphylococcus sp.	25	Colonies/ml
Range of results from all 21 farms in study:	New Bedding	Used Bedding	
Average		246,345	Colonies/ml
Lowest		0	Colonies/ml
Highest	10,000	2,600,000	Colonies/ml

Milk Bulk Tank Culture, University of Minnes	ota		
Coliforms			
bulk tank milk	NA	0	Colonies/ml
Range of results from all 21 farms in study:	Average	1	Colonies/ml
Range of results from all 21 farms in study.	Lowest	0	Colonies/ml
	Highest	5	Colonies/ml
Non-ag Strep			
bulk tank milk	Low	130	Colonies/ml
Range of results from all 21 farms in study:	Average	156	Colonies/ml
Transc of results from all 21 farms in study.	Lowest	10	Colonies/ml
	Highest	1,250	Colonies/ml
Staph aureus			
bulk tank milk	Very High	320	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	15	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		