

New Product Announcement

Colostrum Micro-Test *from Nelson-Jameson*

“Calves that received colostrum with above recommended levels of coliform bacteria were 1.3 times more likely to die before 8 weeks of age” – *University of Minnesota, College of Veterinary Medicine.*

If the plate count is “over 10,000 ... colostrum sanitation needs to be fixed” – *Milk Production.com.*

A five gallon pail of colostrum left at ambient temp for an hour then refrigerated for 12 hours can undergo six doublings of bacteria. A typical count of 35,000 would increase to 2,240,000. -- *Calving Ease.*

“Bacteria counts were generally low or zero in colostrum collected directly from the gland. However, significant bacterial contamination occurred during the harvest process.” -- *Journal of Dairy Science.*

These citations reflect the **importance of maintaining the original microbiological condition of colostrum.** And yet how easily deterioration of this vital liquid can occur.

The products listed below permit on farm monitoring of colostrum standard and coliform plate counts without a large investment of time or money. **Turn around time is optimal so remedial actions may be taken promptly.**

Total Plate Count

| | | |
|----------|--|----------|
| 460-3400 | 3M Petrifilm Aerobic Count Plates, 50 Plates/Pak, 2 Paks/Box | \$67.04 |
| 460-3406 | 3M Petrifilm Aerobic Count Plates, 50 Plates/Pak, 20 Paks/Case | \$567.79 |
| 332-3150 | QD-Loop 1:1000 Dilution, 1ul, sample dilution device, 25/Pak | \$29.00 |
| 332-3105 | QD-Loop 1:1000 Dilution, 1ul, sample dilution device, 250/Box | \$224.90 |

Coliform Count

| | | |
|----------|---|----------|
| 460-3410 | 3M Petrifilm Coliform Count Plates, 25 Plates/Pak, 2 Paks/Box | \$36.23 |
| 460-3416 | 3M Petrifilm Coliform Count Plates, 25 Plates/Pak, 40 Paks/Case | \$613.20 |
| 332-3125 | QD-Loop 1:100 Dilution, 10ul, sample dilution device, 25/Pak | \$29.00 |
| 332-3104 | QD-Loop 1:100 Dilution, 10ul, sample dilution device, 250/Box | \$224.90 |

Incubator—required for either test

| | | |
|----------|----------------------------------|---------|
| 004-3100 | Nelson-Jameson Compact Incubator | \$65.25 |
|----------|----------------------------------|---------|

Prices subject to change without notice. 2/13/07



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