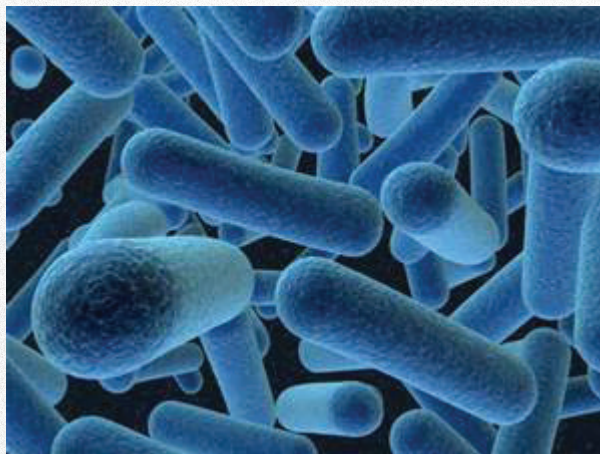


What is...

THE VALUE OF A PRE-DIP

and does your teat pre-dip meet these performance indicators?



Role of a pre-dip

- Achieve an acceptable level of decontamination of teat skin
- Aid in reducing the spread of micro-organisms & the rate of new intramammary infections
- Reduce the number of bacteria that find their way into the raw milk supply

Advantages of using a pre-dip

1. Kills mastitis-causing pathogens
2. Promotes milk letdown
3. Protects teats & minimizes teat-end damage
4. Speeds up the milking process
5. Maximizes the amount of milk harvested

The effectiveness of pre-dipping is dependent upon:

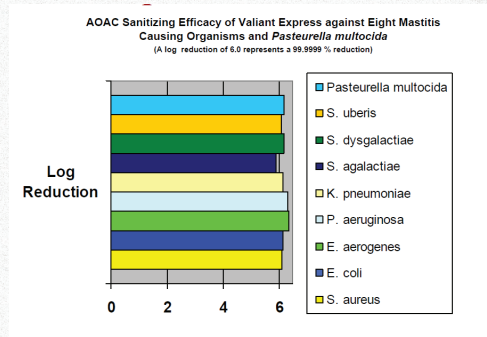
- The organic load that teats are exposed to
- Teat coverage & contact time
- Strength of germicide

Valiant® Family of Pre-sanitation Products



contain the active ingredient-- chlorine dioxide

- Food safe, residue safe (like all Valiant products)-- which is a critical pre-dip feature
- Quick & complete kill, just 15-20 seconds (see bar chart on right)
- Broad spectrum kill (NMC protocol tested)
- Handles organic loads better than other germicides
 - Chlorine dioxide kill mechanism is not affected by milk, manure and other organic material
 - Other germicides quickly lose killing ability when organic matter is present
 - Organic matter increases pH levels; chlorine dioxide retains killing ability at a wider range of pH
 - Free chlorine and chlorhexidine are readily inactivated by organic matter, while chlorine dioxide retains killing ability at high pH levels
 - Iodine's kill mechanism is less specific, so it is negatively affected by organic matter as pH increases
- *and... it handles organic matter better than the competition*



LOG REDUCTION CHART
LOG SCORES (100,000,000)

LOG REDUCTIONS		BACTERIA LEFT ON TEAT
1 LOG	= 90%	10,000,000
2 LOG	= 99%	1,000,000
3 LOG	= 99.9%	100,000
4 LOG	= 99.99%	10,000
5 LOG	= 99.999%	1,000
6 LOG	= 99.9999%	100

MAXIMIZE YOUR MILK HARVEST

Use the teat dip with all the right ingredients.

Valiant® Pre

Express®

Valiant® Foam-Active Wipes

ENCORE® Pre Post

Contact your local ABS representative today!

