



DID YOU KNOW THIS?

Agmax Teatsprays....

TEATSPRAYS are not intended to treat mastitis; they are designed to prevent new infections by killing mastitis-causing bacteria present on the udder and teat surface. That is, teatsprays eliminate the bugs before they get the chance to get inside the udder of an uninfected cow, which typically happens as a result of inversion and opening of the teat canal during milking.

COVERAGE of the teats is the key to effective teatspraying. And poor coverage is the main reason (virtually the only reason) that teatsprays fail. You *must* get coverage of all sides of all four teats, or you may as well not teatspray at all.

A **CHOICE** of three teatsprays is available from Agmax:

- * **TEATSWEET** is a powdered concentrate packed in sachets. Each sachet makes up 20 litres of spray. In independent tests, Teatsweet reduced mastitis bacteria on teats by close to 100,000 times.
- * **IODINE** is a liquid teatspray concentrate with emollient included. The dilution rate is 1:9 which means 20 litres makes 200 litres of spray. Agmax Iodine reduced mastitis bacteria on teats by over 10,000 times.
- * **CHLORHEXIDINE** is a liquid concentrate with emollient, diluted at 1:4 (20 litres makes 100 litres). It reduced mastitis bacteria on teats by more than 1,000 times.

KILLING POWER test results favour Teatsweet over Iodine and Chlorhexidine (see above), but all three products are sufficiently effective to do the job, and each has different properties. Iodine and Teatsweet kills a slightly broader range of bugs, but chlorhexidine copes a little better with the presence of organic matter (e.g. manure). Teatsweet is the faster acting, although all three teatsprays will work slower in very cold conditions. In fact, the reason that teatsprays are used at stronger concentrations in cold, wet, dirty conditions is not that bugs are harder to kill then, but because some extra strength will be needed to compensate for the diluting and slowing effects of those conditions.

EMOLLIENTS are teat conditioning and repair additives. All teatspray programs are improved by the inclusion of emollients, because teat condition is an important factor in minimising new mastitis infections. Agmax has developed a specialist emollient, **Titivate**, which has proved to be tremendously popular with customers, especially when teat condition is poor or at high risk (i.e. bad weather). The alternatives are **Glycerine** and **Sorbitol**, which are both effective emollients.

DON'T ADD more emollient than 20% of the final spray (that's 1 part in 5), because more than that can reduce the performance of the teatspray product.

MIXING RATIOS recommended to make up 20 litres are:

- * **TEATSWEET:** 1 x sachet, plus 2 litres Titivate & 18 litres water.
- * **IODINE:** 2 litres Iodine, plus 2 litres Titivate & 16 litres water.
- * **CHLORHEXIDINE:** 4 Lt Chlorhexidine, 1 Lt Titivate & 15 Lt water.

MAKE UP only 3-4 days supply of teatspray at a time. Once diluted, teatsprays can lose strength over time, depending on the quality and cleanliness of your water.

FREEPHONE 0508 524 824

Email: orders@agmax.co.nz

info@agmax.co.nz

www.agmax.co.nz