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**Precautions for Wisconsin Mastitis Test (W.M.T.)**

1. Avoid foam in all steps of test.
2. Measure sample and reagent accurately.
3. Follow mixing steps to the letter
4. WMT reagent:

To make ready-to-use reagent, add one volume of WMT concentrate to seven volumes of distilled water, according to the directions on the label of bottle. It is best to make ready-to-use reagent in small quantities as needed. Do not use contaminated reagent. Replace sealing cap on spout promptly.

5. Agitate the bulk milk thoroughly and mix samples just before testing.
6. Do not use cold reagent-take the chill off by warming in lukewarm water (about 95 degrees Fahrenheit).
7. WMT field test is not for official use.

**Estimated significance**

<u>Leukocyte counts</u>	<u>% of cows infected</u>	<u>% milk loss</u>
100,000 or less	few cows infected	less than 5%
200,000	less than 20%	5-10%
500,000	about 40%	10-20%
1,000,000	60% or over	30% or over

Date: February 1979

Note: to make a reagent comparable to CMT as a screening test, add one part of WMT concentrate to three parts of water.