

October 27, 1941

Dear Peters,

Thanks for your letter. All of what you propose seems clear and straightforward, except the point on the turn of the page, relating to the dry weight correction factor.

I had supposed the procedure was something like this: With a wet sample which has not been sufficiently dried by such a device as absorbent paper, which was discussed in Committee:-

(a) Thoroughly mix the sample;
(b) sub-sample for dry matter determination;
(c) divide the percentage dry matter into 20 to obtain wetness factor. I understood that normal samples contain about 20% dry matter.

(d) If the correction factor is $\frac{m}{n}$, take $\frac{m}{n}$ times as much as usual in making up dilutions for counting.

I quite hate the idea of correcting the counts after they are made for any such factor; but I quite hope it should be possible to get comparable counts by correcting the amount used for making up the dilutions.

As this may be very important, we must come to an agreement as to procedure and notify the others without delay.

Yours sincerely,