

June 5, 1939

Mr. W. A. Ruth
Chief in Pomological Physiology
University of Illinois
College of Agriculture
Urbana, Illinois

Dear Mr. Ruth:-

Please accept my deepest thanks for the trouble you have taken in connection with the preparation of the apple powder for our experimental work. I shall certainly be glad to pay what is necessary for the labor involved.

With respect to the lead arsenate content, I think it best that we have as little lead and arsenic contamination from this source as is possible. We are not working on the arsenic end of this problem, and for the present, at least, we do not wish to. Moreover we are providing the lead in the form of a soluble salt and I do not wish to add any more than is necessary in the form of normal dietary lead to that which we experimentally provide. Obviously I should not mind having such quantity of lead arsenate as might inadvertently be present on fruit as a normal article of diet, but I should not want any more than is necessary.

As near as I can make out now, I shall want a sufficient quantity of the apple powder to feed to two experimental subjects over a period of approximately a month. I have no idea how much apple powder we should feed to obtain results comparable to those described by Dr. Shields, but I shall wish to try increasing quantities in order to study such effects without making the apple powder a large proportion of the total diet of my experimental subjects. It will be necessary in some measure to be guided by the wishes and appetites of the experimental subjects, since I can not exercise quite the same amount of control as might be accomplished experiments with rats.

If you have any further suggestions in the matter, I would be pleased to hear from you, but at present it seems quite satisfactory to me to postpone the matter until the latter part of August or early September.

With kindest personal regards,

I am

Cordially yours,

RAK:ls

Robert A. Kehoe, M.D.

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