

Urbana, Illinois
May 28, 1937

Dr. Robert A. Mehoe
Assoc. Prof. of Physiology
University of Cincinnati
College of Medicine
Cincinnati, Ohio

My dear Dr. Mehoe:

Some members of the staff in our Agricultural Experimental Station are planning to conduct experiments on the toxicity of lead arsenate left on apples as a result of spraying. As you know, the United States Department of Agriculture has placed a limit of .018 grains of lead and .01 grains of arsenic trioxide per pound of apple. This is two and one-half parts per million of lead and about 1.4 parts per million of arsenic. Our experimenters are considering feeding adults a pound of apples per day for possibly five months with an average lead content of .036 grains and of arsenic trioxide .02 grains per pound, or five parts per million of lead and 2.8 parts per million of arsenic.

If I am not imposing unduly upon your time, will you not kindly advise me whether, in your judgment, such an experiment is a material risk to those taking such amounts of lead and arsenic daily over a period of five months?

Thanking you in advance for any consideration you may give this request, I am

Cordially yours,



J. Howard Beard, M. D.
University Health Officer

JHB/vef