

Poison of Lead.

Some very important queries, under the above head, will be found in another part of our paper, which will be answered at length, in subsequent numbers of the *Ohio Farmer*. We wish our city readers, especially, to consider both questions, and answers, for they are deeply interested in them.

Poison of Lead.

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A FEW PRACTICAL QUESTIONS FOR THE CONSIDERATION OF THOSE WHOM THE SUBJECT MAY INTEREST.

QUERY 1. Are the oxides and carbonate of lead poisonous, when introduced into the animal system?

QUERY 2. If introduced gradually, and in minute doses, will they induce insidious and deceptive forms of disease, short of paralysis of the wrists and lead colic, and are the nature and cause of such deceptive forms of disease too frequently overlooked, disregarded, or not understood?

QUERY 3. Does the water, furnished by our springs, wells, rivers and lakes, contain a sufficient quantity of carbonic acid, to act slowly, but certainly upon the metallic lead of pumps and conduits, converting their exposed surfaces into those poisonous articles?

QUERY 4. Will the contact of iron, copper, or tinner's solder, with lead, employed for containing or conveying water, greatly promote the formation of these poisons, by establishing a slight galvanic action?

QUERY 5. What have been the results of experience, with the use of lead pipes, lined with zinc, after the patented method?

QUERY 6. Have the Medical Police of London discovered within a few years, that the lead pipes employed about their water works are steadily, but certainly abraded by the causes above alluded to, and that a large amount of disease among the population has been induced by the result of such abrasion; and has the corporation of that city caused the use of lead for such purposes to be discarded?

QUERY 7. How long will an ordinary inch-and-a-half lead pipe stand the action of these abrading causes, in a well of either *hard* or *soft* water, in Northern Ohio?

QUERY 8. Have theoretical chemistry and practical experience been at variance on this subject, and which has been in fault?

QUERY 9. What have been the doctrines taught, on this subject, during the last few years, in the Cleveland Medical College, by the Professors of Chemistry, Materia Medica, and Theory and Practice of Medicine?

QUERY 10. Is it safe, under any contingency, to employ vessels, pumps, or conduits of lead, to contain water used for drinking or cooking for man or beast?

QUERY 11. Why have the various forms of colic become comparatively rare in the New England States, in modern times, compared with former days?

QUERY 12. Do house wives and cooks often poison families by using earthen vessels, glazed with lead, for containing pickles, apple-sauce, lard, or butter?