

made of a large section of the State, and by the success of the recommendations which I have made in these, I am most willing to abide.

From the above it will be seen that this office has not and could not be of any pecuniary profit to me, and that I have used it with no such end in view, therefore can I speak of its utility to all, and of its necessity indeed to a large portion of our fellow-citizens. Let it be judged by its fruits, and even if these have not been abundant, they greatly exceed its cost.

Since the creation of the office, the use of all the *permanent* manures, such as lime, phosphatic guanos and bone-dust, has increased an hundred fold, and in a great degree by reason of, and by the immediate and direct influence of, its teachings. Varieties of lime, such as magnesian limes and gas-house lime, now meet with ready sale, and benefit alike the merchant and the consumer. The increased price of, consequent on the increased demand for refuse packing salt, has given more profit to the commerce of Baltimore than she has ever contributed to the office.—When this office was first instituted it had a slow sale, at about fifteen cents per bushel, now it is engaged for months in advance at twenty-five cents per bushel.

Magnesian lime was shunned as something injurious, now hundreds of thousands of bushels are used every year, and when applied to soils *deficient* in magnesia, with a greater advantage than the pure limes. These soils have been pointed out in every section of the State where I have been, and as far as I know, not a single practical result has contradicted the advice given as to the application of this lime—and moreover no condemnation of the various manures sold at a price far above their value—no information as to guanos sold under the same circumstances—no recommendation as to the proper law for the inspection of this article ever came from any other source than the office of the State Chemist; and the present law on this subject, which allows guano to be marked with the same mark, in the case of the Peruvian guano differing 12 per cent. in its most valuable constituent, and in the case of phosphatic guano 25 per cent., has its preamble copied from my second report, which preamble enunciates a principle which the law does not carry into effect.

But, apart from all of this, the dissemination of practical truths through the community, the activity given to the public mind by its being stimulated to inquiry and research into agricultural science and practice, have caused benefits a thousand times greater than the public have in any wise paid for. This is shown by the notorious fact, that more manures are annually sold in Baltimore than in any other two cities in the Union. In no State has there been an office similar to the one for the benefit of agriculture