

Sand, 7.00 per cent.  
 Water and organic matter, 50.00 "

Specimen N, which sold for, I believe, twenty dollars per ton, contained of—

Ammonia, 3 tenths of one per cent.  
 Phosphates, 40.0 per cent.  
 Water and organic matter, 33.0 "  
 Silica, (sand,) 26.0 "

Specimen G contained of—

Ammonia, 7.00 per cent.  
 Phosphates and other constituents, not estimated.

Specimen O, contained of—

Ammonia, 15.25 per cent.  
 Phosphates, 46.12 "  
 Silica, (sand,) .50 "  
 Organic matter, water, and other constituents, 38.13 "

Specimen J, sold in Kent county for twenty-nine dollars per ton, contained of—

Ammonia, 4.00  
 Phosphates, 40.00

I have not the notes of this analysis, but am quite certain that the above *very nearly* represents its value.

I have made many other analyses, but the above are sufficient to maintain the correctness of the position which I have assumed.

Specimen "O," and specimen "A," were No. J, and sold at the same price. A glance at the difference in the quantity of their constituents, will show that their value must have been very different.

Specimen A sold for forty dollars per ton. Specimen J sold for twenty-nine. Yet specimen J is the better of the two. More numerous proofs can be adduced, but the above are sufficient to show the great difference in this article, and to prove also that the only safety which the buyer has, is in such an inspection as will show him the proportion of phosphates and ammonia in the article. The ammonia in the above, not only shows the quantity already present, but also all that which *can* be formed during the decomposition of the organic matter in the specimen. The mode of inspection which I have recommended above, is easily practicable, and any one who buys guano to even a small amount, would be a gainer by paying for its analysis before purchasing it. I do not pretend to give here the details of a proper law, but am ready when called on, to appear before the committee on Inspections, or that on Agriculture, and give them the benefit of all the knowledge which I may have on this subject. I have had numerous conversations with men of great ability, in relation to this matter, and am happy to have them all coinciding in opinion with me.

The form of inspection which I recommend, would save to the farmers of the State, every year, more than one hundred times the