

2,000 lbs. of raw bones, and \$50 for 2,240 lbs. of Peruvian Guano, I come to the following result:

If 2,000 lbs. of raw Bones, containing 23.61 per cent. of Phosphoric Acid, are worth \$25, then 1 lb. of Phosphoric Acid is worth 5.3 cents.

Peruvian Guano, containing 14 per cent. of Phosphoric Acid and 16 per cent. of Ammonia, is therefore worth—

For its Phosphoric Acid.....	\$16 62
And for its Ammonia.....	33 38

Total	\$50 00
-------------	---------

And therefore 1 lb. of Ammonia is worth \$9.31 cents.*

The above Super-Phosphate of Lime contains in 2000 lbs., as per Dr. Stewart's analysis,

373 lbs. of Phosphoric Acid, which at 5 3 cents are worth.....	\$19 76
--	---------

And 90 lbs. of Ammonia, at 9.31 cts.,.....	8 38
--	------

Total value.....	28 14
------------------	-------

This is the real money value of the article as calculated from Dr. S's analysis, and if we estimate Peruvian Guano at fifty dollars the short ton, (its present price) then at most the article is not worth more than thirty-one or thirty-two dollars per ton, a price very far below that at which it is sold. You can buy the materials of this manure and apply them to your soil at a far less sum than the price for which this manure is sold here.

Thirty pounds of Peruvian Guano and seventy of Bones or of good quality Mexican Guano would make one hundred pounds of manure superior to "C. B. DeBurg's Super-Phosphate;" and you can distribute these over an acre much better by sowing them separately, than if they are mixed before being used. When you can purchase the elements of this manure then for about thirty-one or thirty-two dollars, and have a more thorough mixture by sowing them separately on your fields, why buy this or any other similar artificial manure? The valuation put on this manure by Dr. Stewart is entirely too high and is not warranted by the analysis made by him.

It has become quite the rage now to advertise these artificial manures as superior to best Peruvian Guano, and from many gentlemen of high integrity and skill in practical agriculture, certificates to the fact have been obtained.

The profits of the dealer in Peruvian Guano, if he sells a genuine article, are very small, but if he sells an artificial manure made of very cheap substances, then his profits are very great; they are just in proportion to the worthlessness of the materials

* This was at the price of Peruvian Guano when this article was written.