

I have directed this manure to a meadow as a top dressing mixed with some Mexican Guano, and the product was increased nearly a ton over the part unmanured.

The proper quantity per acre is about fifty pounds, which should be reduced to the finest powder. As a top dressing to wheat it should be applied in conjunction with common salt—about two bushels of salt to fifty pounds of the Chili Saltpetre.

This salt contains an equal quantity of nitrogen or ammoniacal equivalent to No. 1 Peruvian Guano, but it sells at nearly double the price, but it is a remarkable fact, and one which is beneficial to us, that used as a top dressing it equals, indeed exceeds in effect, double the quantity of Peruvian Guano, so that at last it costs no more than Peruvian Guano; very many experiments have shown these results.

These comprise all of the manures hitherto much used for their nitrogen. We have of late several compounds offered to the public to supply this constituent, one of which, from the high character and world-wide fame of its inventor, (Dr. Robert Hare,) demands attention. It is manufactured by treating the flesh and blood of dead animals with Sulphuric acid, and if it does no more than remove the effluvia and miasm produced by decaying animal matter in our large cities, the discovery should be hailed as a blessing. These corporations should well remunerate the distinguished inventor as one who, by this means, contributes so largely to the purification of their atmosphere and preservation of their health. I have not had an opportunity of making an analysis of it, and therefore cannot speak of its precise composition; from the materials employed, however, I am assured it must be a good manure: whether it be a cheap one will depend on the price for which it is sold.

There is another source of nitrogen lately brought to our market, which is a guano sold under the name of Elide Guano, said to be brought from an island in the Gulf of California, near to the Mexican coast. It is a substitute for Peruvian Guano, but should only be sold for about two thirds of the price, provided it corresponds with the sample analyzed by Dr. Chas. Bickell in my office, which analysis is as follows:

No. 29 EXCHANGE BUILDINGS, }
Baltimore, Jan. 5th, 1858. }

Report of Analysis of a Guano from California—for WM. NORRIS, Esq., of Baltimore City.

An average sample of the above, which was taken by myself from a lot of 5 bags, now at your warehouse, was analyzed, and found to be composed as follows: