

the Mexican, Sombrero, etc., are not, and cannot be, of much practical value to cultivators. Let us examine the "American guano." In the Company's circular before us, we find the analysis of nine samples of guano from *Baker's Island*. They are similar, and the average composition of 1,000 parts, omitting fractions, is :

Water, 278.	Organic matter, 67.
Fixed salts, (or mineral matter,)	654.

Here are only 67 pounds of organic matter in 1,000 pounds, or say 135 pounds in a ton of 2,000 pounds. But what makes the matter worse, is, that the organic portion yields comparatively very little ammonia. Eight analyses of guano from *Jarvis' Island* show in 1,000 pounds an average of

Water, 182 lbs,	Organic matter, 102 lbs,
Fixed salts, (or mineral matter,)	715 lbs.

The same objection lies against this as against the *Baker's Island* samples. Taking the Company's own analyses then as a guide, we are forced to the conclusion that their guanos are of very little real value. Chance circumstances there may be, and doubtless have been, where increased crops have *apparently* resulted from their use, but these, so far as published, are not conclusive, and until we have some better reason than we have yet seen for a change of opinion, we must regard the guano of the American Company as not entitled to the confidence of cultivators.

We do not accuse the Company of fraudulent intentions. They may be themselves deceived. But we feel assured that the plausible arguments with which they are trying to convince farmers of the value of their fertilizer, are not founded upon a correct basis, and they are therefore leading people astray, when they induce them to pay \$30 or \$40 per ton for a fertilizer which, for the reasons above given, we think cannot be worth half that sum, at the best.—*American Agriculturist*.

GRASS UNDER TREES.—By sowing nitrate of soda in small quantities in showery weather under trees, a most beautiful verdure will be obtained. I have used it under beech trees in my ground, and the grass always looks green. Having succeeded so well on a small scale, I have now sown nitrate of soda among the long grass in the plantations, which cattle could never eat. I now find that the herbage is preferred to the other parts of the field.

Gracie and Breder.

MR. ALEXANDER'S ANNUAL STOCK SALE.

LEXINGTON—KENTUCKY.

Twenty bulls were sold, bringing \$2,720—the highest priced, \$355, descended from the Balco stock, which is a favorite here—the whole averaging \$131 each.