

CHAPTER XV.

ARTIFICIAL MANURES OR FERTILIZERS.

MANIPULATED GUANOS.....	127
SUPERPHOSPHATE OF LIME, COMPOSITION OF WHEN PURE....	128
FERTILIZERS uncertainty of many of.....	128
" money value of their constituents.....	129
" National Fertilizer "	129
Mape's Superphosphate.....	130
Degeneration of.....	130
De Burgs superphosphate.....	130
Degeneration of.....	130
Coe's superphosphate value of.....	130
Rhodes do do	130
Jourdan's do degeneration of.....	130
Money value of in 1857 and 1858.....	131
Suggestions for protecting our farmers from frauds in fertilizers and }	
adulterated guanos and other manures.....	132

CHAPTER XVI.

OBSERVATIONS UPON THE PRESENT STATE OF AGRICULTURE IN MARYLAND, WITH SUGGESTIONS FOR ITS IMPROVEMENT.

Exhaustion of the soil in former days,.....	133
Causes of its present improving condition,..	133
Analysis of Soils,.....	135
Difficulty of drawing correct conclusions from analysis,.....	135
Instance of a remarkable tobacco soil from the Island of Cuba,....	135
Rotation of Crops,.....	135
Effect of green sand marl in improving the quality of potatoes,....	141
MODES OF APPLYING MANURE,.....	141
1. Lime,.....	141
2. Marl,.....	142
3. Bones,.....	143
4. Guano,.....	143
5. Stable Manure,.....	143
Conclusion,.....	144