

## THE FARMER.

TABLE OF MANURES, WITH THE QUANTITIES TO BE USED, AND MODE OF APPLICATION.

NAME OF MANURE.	NATURE AND COMPOSITION.	FOR FARM CROPS.	FOR GARDEN CROPS.	WEIGHT PER BUSHEL.
GUANO,.....	The dung of sea birds, imported from Peru, &c., and containing various salts of ammonia & phosphates.	3 to 4 cwt. mixt with its own weight of ashes or mould, and drilled, or sown broadcast, for grass, turnips, mangold wurzel, or other green crops.	3 lbs per square rod, equal to 30½ square yards. This and all soluble salts, are best applied in solution, containing not more than 5 ozs. in 2 galls. of water.	80 lbs.
NITRATE OF SODA,.....	Nitric acid and soda, a natural product imported from Peru, &c.	1½ cwt. per acre, sown broadcast with half its own weight of ashes or mould, for wheat, oats, grasses, &c.	1 lb. per square rod, in solution, like guano.	60 lbs.
NITRATE OF POTASS. } SALTPETRE,.....}	Nitric acid and potass, a natural product, imported from the East Indies.	1 cwt. per acre, sown broadcast, in the same manner as nitrate of soda, for wheat only.	1 lb. per square rod, in solution, like guano.	80 lbs.
PETRE SALT,.....	Common salt and nitrate of potass, the residuum of a manufacture.	5 cwt. per acre, sown broadcast, as a purifier of grass land.	4 lb. per square rod, in solution, like guano.	75 lbs.
GYPSEUM, SULPHATE OF } LIME,.....}	Sulphuric acid and lime, an abundant mineral in several parts of England.	2½ to 3 cwt. per acre, sown broadcast on clover, trefoil, sainfoin, and other grasses.	3 lb. per square rod.	80 to 84 lbs.
SULPHATE OF AMMONIA,	Sulphuric acid and ammonia, the residuum of a manufacture.	2 cwt. per acre, mixed with a little mould, and sown broadcast, for clover, oats, &c., and drilled for turnips.	1 lb. per square rod.	70 lbs.
BONE DUST AND HALF } INCH BONES,.....}	Phosphates of lime and magnesia, carbonate of lime and animal matter yielding ammonia.	1½ quarters to 20 bushels drilled or sown broadcast, mixed with ashes, for turnips, vegetables, wheat, &c.	19 to 20 lbs. per square rod.	42 to 45 lbs.
CALCINED BONES,.....	The same constituents as the above, with the exception of the animal matter.	For mixing with farm-yard dung, and other manures containing ammonia.		
PHOSPHATE OF LIME,....	Phosphoric acid and lime.	This manure is easily blended with farm-yard litter, &c	3 lbs. per square rod.	
SUPERPHOSPHATE OF } LIME,.....}	Phosphoric acid and lime in a more soluble state than in bones, prepared by dissolving bones in sulphuric acid.	For mixing in composts, fixing the ammonia of dung heaps and urine tanks, and forming phosphate of ammonia.	For garden culture, ½ lb. to the square rod.	
PHOSPHATE OF AMMONIA	Phosphoric acid and ammonia.	For mixing in compost, and furnishing from its constituents much nutriment to vegetation.	1 lb. to the square rod.	
MURIATE OF AMMONIA,	Muriatic acid and ammonia.	Applicable in the same manner as sulphate of ammonia.	1 lb. to the square rod.	65 to 70 lbs.
MURIATE OF LIME,.....	Muriatic acid and lime.	For mixing with compost heaps.	2 lbs. per square rod.	65 to 70 lbs.
SULPHATE OF MAGNESIA,	Sulphuric acid and magnesia.	Mixed with night soil for potatoes 1 cwt. per acre, or to 8 loads of stable dung.	½ lb. per square rod.	
SODA ASH,.....	Lime, magnesia, alumina, charcoal, silica, and a few other ingredients in smaller proportions.	For destroying wire-worm and other predacious insects. 1 cwt. per acre. This quantity must not be exceeded.		60 lbs.