

MISCELLANEOUS MANURES.

L.N. 825, Fish Manure. (Sold by Auction in Christchurch.)*Analyses.*

Organic matter and moisture	...	...	23·88, containing nitrogen, 1·65.
Silica and insoluble matter	...	...	29·60
Tricalcic phosphate	...	...	21·83
Ferric and aluminic oxides	...	...	5·99
Calcic carbonate	...	...	12·42
Alkalies, &c.	...	...	6·28
			100·00

Fish manures generally are valuable fertilisers, containing a fair amount of phosphates and a high percentage of nitrogen (from 6 to 9 per cent.). The above, however, is a poor sample, having been adulterated with about one-third its weight of sand and earthy matter. Value, about £3 per ton.

Poudrette, L.N. 520. (Manufactured in Dunedin.)

Poudrettes are preparations of nightsoil, in which earth, ashes, lime, &c., are used in order to dry the material. They are generally poor manures, and this one is no exception to the rule.

Analysis.

Moisture	...	...	6·93
Organic matter	...	...	22·11, containing nitrogen, 0·98.
Silica and insoluble matter	...	...	47·07
Ferric and aluminic oxides	...	...	9·65
Tricalcic phosphate	...	...	4·47
Calcic carbonate	...	...	3·20
Magnesia, alkalies, &c.	...	...	6·57
			100·00

Value, about £1 2s. 6d. per ton.

Patent Fertiliser, L.N. 125.

A dark-coloured moist substance, apparently vegetable mould. Of no value as a manure.

Analysis.

Moisture	...	...	48·10
Organic matter	...	...	43·00, containing nitrogen, 1·4.
Silica and insoluble matter	...	...	5·48
Ferric and aluminic oxides	...	...	1·68
Calcic oxide	...	...	0·55
Magnesium oxide	...	...	0·44
Potassic oxide	...	...	Trace
Phosphoric anhydride	...	...	0·22
Sulphuric anhydride	...	...	Trace
Chlorine	...	...	Trace
Undetermined	...	...	0·53
			100·00

Nitrogenous Manure, L.N. 118.

A dark-coloured mixture, manufactured at Upper Hutt, Wellington; apparently made up of dung and sand, with a little hair, &c. A very poor nitrogenous manure.

Analysis.

Moisture	...	...	10·05
Organic matter	...	...	35·40, containing nitrogen, 0·91.
Silica and insoluble matter	...	...	40·30
Ferric and aluminic oxides	...	...	6·35
Calcic oxide	...	...	1·88
Phosphoric anhydride	...	...	2·03
Alkalies, loss, &c.	...	...	3·99
			100·00

Worth 10s. 6d. per ton on the land, but not worth cost of carriage any distance.—W. E. I.