

FETTERCAIRN—TRIAL OF MANURES.—The following result of experiments with sulphate of ammonia, guano, and bone dust, made by a gentleman in the Marais, may not be uninteresting to our agricultural reader:

The first was upon a field of oats after lea, the soil poor and light with a retentive subsoil. About five weeks after the seed was put in, one-twelfth of an acre, in the middle of the field, was sown on the surface with sulphate of ammonia, at the rate of one cwt. to an acre, and at the cost of twenty shillings. Another twelfth of an acre was sown with guano at the rate of two cwt. per acre, and at the cost of twenty six shillings. A twelfth of an acre was selected, of a fair average, which got nothing; and the produce of each was as under:—

	Bush.	Qrs.	Bush.	Pks.	Lip.
1-12th of an acre, with } ammonia produced	4,906	— 7	2	3	2
Do. do. with guano, --	3,312	— 4	7	3	0
Do. do. nothing, ----	3,171	— 4	6	0	1

—thus showing an increase with ammonia, at the cost of twenty shillings per acre, of 2 quarters, 4 bushels, 3 pecks, and 1 lippy. It ought also to be mentioned, that the fodder upon what got nothing was very poor; after guano, fair, and after ammonia, very strong.

The next experiment was with bone dust and guano, for raising turnips—the soil light, with a gravelly subsoil. Twenty five bushels of bone dust, at the cost of 62s. 6d. an acre, produced 28 tons 6 cwt. 3 qrs. 4 lbs.; and three cwt. of guano, at 39s., produced 33 tons 3 qrs. and 4 lbs.

A piece of newly-trenched ground was planted with potatoes, and part was manured with twenty-five cart loads of stable yard dung per acre, and part with four cwt. of guano; the dung produced 10 tons 14 cwt. 1 qr. 4 lbs.; and the guano, 14 tons 13 cwt. 2 qrs. 8 lbs.

STATEMENT OF MR. MARTIN, ON FOWLS.

To the Kennebec County Agricultural Society.

GENTLEMEN,—The following is my method of keeping poultry, for which I want your premium, if you consider me entitled to it.

My family of hens consists of twenty in number, exclusive of old king chanticleer, who rules the roost, cracks the day and calls to operations. They are of the genuine old Kennebec breed, which line by eating, and lay for amusement; they generally pay all my bills by using their own. I have a room for them in one corner of my barn, warm and comfortable, well furnished with roosts, nests, &c., where all their operations are carried on, although I give them liberty to go into other parts of the barn, and occasionally the liberty of the yard, which is equal in size to that of any honest man or rogue, who has taken the benefit of the poor debtor's oath. Their bill of fare consists of a constant supply of corn in cold weather, and another dish, which they much prefer, is made of boiled potatoes mashed up fine, and scalded meal or bran, in the proportion of three parts of the former to one of the latter. In the summer the corn food is shortened, and more of the hen-pudding (as we call it) is supplied. In order that the shell department of this business may be carried on to advantage, I supply them with lime and pounded bricks. I kept an account current with them, between the first of January last and the thirty first day of July, inclusive, in which time I received two hundred and fifteen dozen eggs: these I have sold for eleven cents per dozen, making \$22 65  
Estimated cost of corn and potatoes, 5 00

Balance in favor of the hen family, \$18 65

From this sum, take the interest of the capital invested, cost of lime, brick dust, and attendance, and you have the profits of the brood.

JESSE MARTIN.

MONTREAL MARKET PRICES.

CORRECTED BY THE CLERK OF THE MARKET.

New Market, November 1.

Wheat,.....per minot, ...	...	4/9 @ 5/3
Oats,..... do ...	...	1/3 @ 1/4
Barley,..... do ...	...	2/0 @ 2/6
Peas,..... do ...	...	2/0 @ 2/9
Buckwheat, do ...	...	1/8 @ 2/0
Rye,..... do ...	...	2/6 @ 2/10
Flaxseed, ... do ...	...	4/0 @ 5/0
Potatoes, New, do ...	...	1/3 @ 1/6
Beans, American, per bushel,....	...	4/0 @ 4/6
Do. Canada,.... do ...	...	6/0 @ 6/8
Honey, per lb.,... ..	...	0/5 @ 0/6
Beef, .. do ..	...	0 1/3 @ 0 1/5
Mutton, per qr. ...	...	1/0 @ 4/0
Lamb, ... do ...	...	1/0 @ 4/0
Veal,.... do ...	...	2/0 @ 1/0
Pork,.....per lb.,....	...	0/2 @ 0/4 1/2
Butter, Fresh, do ...	...	0/9 @ 1/0
Do. Salt, do ...	...	0/6 @ 0/6 1/2
Cheese,..... do ...	...	0/3 @ 0/4
Lard,..... do ...	...	0/5 @ 0/6
Maple Sugar, do ...	...	0 1/4 @ 0 1/5 1/2
Eggs, per dozen, fresh, ...	...	0/9 @ 0/10
Turkeys, (old), per couple, ...	...	4/0 @ 6/0
Do. (young) do ...	...	4/0 @ 6/0
Geese,..... do ...	...	3/0 @ 5/6
Ducks,..... do ...	...	1/8 @ 2/6
Fowls,..... do ...	...	1/0 @ 1/8
Chickens,..... do ...	...	1/0 @ 1/8
Partridges,..... do ...	...	2/0 @ 2/6
Hares,..... do ...	...	0/4 @ 0/7 1/2
Apples, American, per barrel,...	...	7/6 @ 12/6
Do. Canada,.... do ...	...	10/0 @ 15/0
Flour, per quintal, ..	...	10/6 @ 12/0
Beef, per 100 lbs.,...	...	20/0 @ 22/6
Pork, Fresh, do ...	...	22/6 @ 25/0
Hay, per 100 bundles,...	...	20/0 @ 27/6
Straw, per 1200 lbs.,...	...	12/6 @ 17/6
Woodcock, per brace,...	...	0/0 @ 0/0
Peaches, half barrels,...	...	00/0 @ 00/0

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