

The following is the statement, somewhat condensed from the original, of Mr. JAMES P. WELLS, whose farm was considered one of the best:—

VAN KLEEK HILL, 13th Nov., 1854.

DEAR SIR,—I feel that your very laudable endeavors, to promote our agricultural interests, clearly entitle you to be placed in possession of the most correct data that can be furnished of the farming operations throughout the country.

The quantity of land comprising my farm is 95 acres. I have, however, under lease an adjoining farm, which has been appropriated exclusively to pasturage. These 95 acres are divided into 9 separate fields, beside an orchard plot of 2½ acres, the whole being well fenced, partly with stone walls and partly with cedar rails, and I have several hundred rods of under-draining and open-ditching. The quantity of land cultivated, or rather under crop, this year, is about 90 acres, appropriated as follows, viz.—23 acres of spring wheat, partly of a variety from the neighborhood of London, England, and partly of Black Sea—averaging much alike, say, 26, 28 and 30 bushels per acre in these separate fields, producing about 646 bushels, or an average on the whole of 28 bushels per acre, which is considerably below that of some former years, the largest having been in the year 1852, which was a fraction over 35 bushels per acre, and the general average has seldom been less than 25 bushels for a long term of years. In oats, this year's average is far below that of former years, say not over 40 bushels per acre, in place of about 60 formerly. The quantity of land sown to this crop was about 30 acres; the produce therefore will be about 1,200 bushels. In root crops, I have not attempted to do much this year, there having been only about four acres in all, say potatoes, turnips, carrots, and mangel-wurzel: the yield of the different crops upon this limited scale has been satisfactory, although my potato crop, being about 100 bushels per acre, is very much below the average of former years, owing to late planting and drought: the yield, however, of carrots and mangel-wurzel is more satisfactory, and although my operations in these articles are almost too limited to bring under your notice, still the result may serve as a sort of earnest to induce larger undertakings. About one-fourth of an acre was sown to carrots; the produce being 340 bushels, would give an average of about 60 bushels to the acre; they were of the long orange variety. The plot allotted to mangel-wurzel contained only about 10 rods of ground, and the produce was 60 bushels, giving an average of 960 bushels: this crop appeared to suffer more from the drought than did the carrots, and in an ordinary season for rain, there would in all probability have been a much larger yield, say 50 per cent. increase.

My hay crop has been good. I had 30 acres of grass, and the produce was fully 70 tons of excellent hay (or upwards), being an average of 2½ tons per acre, a portion however producing a much larger yield, say upwards of 3 tons per acre: this was a seven-acre field, which pro-

duced by estimate some 23 or 24 tons of hay, being the first crop after seeding it down. The remainder of the 90 acres cultivated this year was planted with Indian corn and peas, the latter a fine large variety, from the western part of the Province, these crops producing a fair return.

My stock of horned cattle and horses is as follows, viz:—

15 milch cows, 13 steers (3 to 6 years old), 12 head of young cattle, 40 in all, being of the common breed of the country.

4 team horses, 2 carriage ditto.

1 brood mare, 3 colts, of one, two, and three years old.

My farming work, you are doubtless aware, is principally carried on by paid labor. The amount of capital invested in cattle and implements of work generally averages about £500; and at this season of the year, before disposing of the season's products, my farming business involves a capital of about £1,000 or £1,100 currency, exclusive of the value of the land in cultivation.

It would perhaps be a subject of some curiosity to you to know how my "paid labor" farming appears in its results on the Profit and Loss sheet, sustaining as it must needs do the charges of labor, expense of implements of work; and my farming account is debited regularly with the rent of my farm: and on this subject I will merely say that it would also be a subject of curiosity, but of some anxiety to myself, did not my ledger annually exhibit the true state of the matter, and it serves to relieve me on this point.

The recapitulation of the several products of the 90 acres appropriated to their cultivation, would be as follows, and I attach what I believe may be taken as their current valuation, viz:—

23 acres of wheat, producing 646 bushels, at 8s. per bushel, amounts to.....	£258	8	0
30 do do oats, do. 1,200 bush., at 2s.....	150	0	0
7 do do producing about 300 bushels of root crops, and about 50 bus. Indian corn and peas, worth.....	87	0	0
30 do in grass, producing 70 tons (or over) of hay, now selling at \$12 per ton.....	210	0	0

90 acres. To which may be added the use of cows, ground, of young cattle, improvement of soil, &c., &c., would give at least.....

	62	10	0
--	----	----	---

Making an aggregate, as the total production for the cultivation, of.....£748 8 0

It would give me pleasure to go into some other particulars, such as the fattening of cattle, manuring, &c., but my time will not permit. On the subject of manuring, however, I will add that for a long term of years, I have manured my farm freely with leached ashes, combined with barn-yard manure, and I am fully convinced that the former is of great value to grain crops, but I have not experimented with much satisfaction on its application as a top dressing for grass land, or in its use in manuring root crops. From the foregoing hastily drawn up and rather ill-arranged