

FAT HOG.

A pig only a little over two years old, bred and fattened by Mr. Edward Musson, of Etobicoke, has been slaughtered and exhibited in the Toronto market, and which weighed 703 pounds! The skin of the animal is described as being very thin, the quality of the pork excellent, although it had been shut up to fatten only about 3 months.

Tables showing the Monthly Fall of Rain, for 10 Years, at Toronto and Greenwich, near London

We have been favored with the subjoined tables by Sergeant Walker, who has been for many years officially connected with the Toronto Magnetic Observatory. The tables sufficiently explain themselves. It will be seen, that a much larger amount of rain falls at Toronto than in the neighborhood of London; although in some of the western portions of England (Westmoreland, or example,) the average annual fall of rain, is nearly double that of this city. In Canada the falls of rain, particularly in summer and autumn, are frequently sudden and heavy, and usually of short duration;—hence we have upon the whole much clearer and finer weather than in England. Our average amount of rain, however, points out to the intelligent farmer, the desirableness and utility of a more or less general adoption of the important art of Draining.

	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Mean 10 Yrs.
January	2.01	0.75	1.01	2.35	2.02	2.44	0.73	0.66	1.4	0.60	1.422
February	0.71	0.69	0.26	1.81	0.72	1.41	1.2	2.4	2.20	1.20	1.453
March	0.6	1.3	0.36	0.53	1.46	0.86	0.3	2.7	0.20	0.20	1.013
April	1.61	0.8	1.37	0.73	0.44	3.07	0.65	3.2	2.00	1.81	1.541
May	1.50	2.01	3.5	0.15	1.39	1.47	1.16	0.26	3.6	2.20	1.762
June	2.25	0.98	0.91	1.58	1.6	0.47	1.0	3	0.17	0.81	1.205
July	3.56	2.45	2.5	2.12	1.5	1.37	0.56	1.86	2.20	2.70	2.164
August	1.89	1.95	3.3	1.43	2.45	3.17	2.56	4.2	0.47	1.50	2.256
Sept.	3.22	3.5	6.34	1.19	2.15	1.72	1.2	2.46	2.8	1.70	2.017
October	0.66	1.27	1.28	4.01	1.2	1.41	1.46	3.0	2.6	1.40	2.818
Nov.	3.07	2.61	1.78	4.71	1.7	1.37	1.15	1.46	1.70	2	2.75
Dec.	1.81	0.9	0.17	0.31	1.7	0.70	1.5	2.7	1.0	1.10	1.214
Total	24.10	26.02	12.22	19.19	10.72	26.15	9	7.5	11	6.47	16.253

RAIN IN RICHES ON THE SURFACE AT GREENWICH, ENGLAND.
From Greenwich Meteorological Observatory.

RAIN IN RICHES ON THE SURFACE AT TORONTO, C. W.
From Toronto Meteorological Observatory.

	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Mean 10 Yrs.
January	2.15	3.17	4.29	3.10	2.32	2.34	2.13	2.34	1.15	1.25	2.307
February	0.00	3.62	0.43	0.45	0.84	0.06	0.00	0.73	0.24	1.23	0.817
March	1.17	3.15	0.62	2.47	1.62	1.9	2.87	1.22	1.32	0.74	1.523
April	1.3	3.74	3.19	1.82	3.29	1.3	3.87	1.43	2.10	4.72	2.400
May	2.31	1.29	1.57	5.67	3.31	4.3	2.04	2.82	5.12	0.56	2.778
June	2	5.75	4.53	3.3	3.71	1.91	2.63	1.81	3.2	3.31	3.086
July	8.15	3.69	4.61	2.82	2.20	2.89	3.31	1.89	3.4	3.27	3.764
August	6.17	2.50	1.83	3.1	1.72	1.77	2.14	0.86	4.95	4.36	3.244
Sept.	3.34	6.16	9.71	4.30	6.25	4.56	6.07	3.11	1.46	1.73	4.739
October	1.43	3.18	3.79	3.15	1.76	4.18	4.59	1.31	5.36	2.04	3.553
November	2.45	5.31	4.76	3.18	1.70	5.8	3.52	2.02	2.81	2.95	3.355
December	6.6	0.88	1.04	1.41	0.10	1.21	1.19	2.57	0.84	0.19	1.031
Total	35	67.42	79.43	53.34	76.17	11.32	35.11	99.27	20.32	21.43	32.203

Literary and Miscellaneous.

WILLIAM McINDOGALL, Esq., Editor.

HISTORICAL SURVEY OF THE INDUSTRIAL SCIENCES.

The parentage of the Industrial Sciences is to be sought in the necessities of human life—their birth in the preparation of food and clothing. From this rude beginning, a beginning bordering on the promptings of instinct, they have grown into an importance that commands the attention of the most civilized nations.

The necessities of human life, to which we have referred the parentage of the Industrial Sciences, are those of an infant race entering upon an untried career in a new world. It is scarcely possible for us, armed as we are with all the weapons and appliances of art, to estimate their keen oppressiveness. The pressure of want was heavy. The call of appetite was troubled. The changes of scenes and climate uttered forebodings that must have lain cold and heavy on the heart. The un-accustomed world was before man—defenceless and inexperienced man.