

some extra exertion on the part of a few individuals, among whom stands conspicuous Mr. Joseph Ashford, the proprietor of the well known stud-horses *Young King Alfred* and *Grand Turk*.

The proceedings of the day terminated with a dinner, which was profusely got up by Mr. Nightingale. The President, Franklin Jakes, Esq., occupied the chair, and after the disposal of the routine toasts, a number of observations were made, by several speakers, interesting to farmers.

THE FARMER'S GUIDE TO SCIENTIFIC AND PRACTICAL AGRICULTURE.

We noticed in our last, the appearance, from the American press, of this most valuable publication, and we have since received the third number, which fully sustains the high and useful character of the work, as regards both literary and mechanical execution. It is the joint production of two eminent men, whose qualifications for such a task are well understood and appreciated on both sides of the Atlantic. Mr. Henry Stephens, of Edinburgh, the author of the celebrated *Book of the Farm*, and Editor of the *Journal of the Highland Agricultural Society*; and Mr. John P. Norton, Professor of Scientific Agriculture in Yale College, New Haven, a pupil of Professor Johnston, and well known to the Scientific and Agricultural world, for his elaborate analysis of the oat, for which he received the Fifty Pounds Premium offered by the Highland Society. Mr. Norton has also just issued, under the patronage of the New York State Agricultural Society, an admirable little treatise on the Scientific Principles of Agriculture, adapted to the use of farmers and common schools. From the knowledge and experience of two such men, the public may confidently look for an original and first-rate production; Mr. Norton's contributions adapting it to the climate and peculiar wants of this continent. This arrangement appears to us peculiarly happy; since the American cultivator will possess a work which, in its main features, will be found suited to his practical wants, and which will give him, at the same time, a clear and comprehensive view of the agricultural practices of the best cultivated portions of the British Islands. We have no doubt but this American edition will be read with both pleasure and profit, by many of the enterprising cultivators of our father-land.

The Farmer's Guide to Scientific and Practical Agriculture, embraces a wide and most important field of enquiry, and judging from what is already published, and the high standing of its authors, we have perfect confidence that the work, when completed, will fully sustain the very comprehensive character of its title.—The practical details of the farmer's business, in the natural order of their sequence through each season of the agricultural year, together with the scientific principles on which their successful issue must depend, are

so fully and simply explained, as to be brought fairly within the reach of the most ordinary intellect. The work will be completed in twenty-two numbers of sixty-four octavo pages each, handsomely printed, with upwards of six hundred steel and wood engravings, executed in the best style of British art, for the very moderate price of a quarter of a dollar each number. Such of our readers as desire to have within their reach a carefully digested and systematic treatise on the theory and practice of agriculture, brought down to the latest moment, and specially adapted to the wants of this continent, should at once order the publication. Mr. Rowsell, and Mr. McClear, of this city, can supply it in parts as they are published, and, we presume, all other booksellers throughout the British Provinces.

THE AGRICULTURAL CAPABILITIES OF NEW-BRUNSWICK.

The fourteenth, fifteenth and sixteenth chapters of Professor Johnston's Report contain a great variety of recommendations, which are nearly all condensed into a summary form in the succeeding chapter, which summary we now lay before our readers, in the hope that the suggestions of this eminent scientific Agriculturist will have the weight to which they are justly entitled.

I. Points to which the attention of the Legislature may be beneficially directed—

1st. Arterial drainage of wet lands, swamps and marshes.

2d. Register of information for Emigrants, under the direction of each local Society or in each town or district. This Register to contain information regarding both the public lands and private farms which are for sale.

3d. The introduction of a certain amount of Agricultural instruction into the Elementary and Grammar Schools.

4th. Into the Normal Schools of Fredericton and Saint John.

5th. Into the Academy of Sackville and the College at Fredericton.

6th. An Educational Farm at Sackville, in connection with the Academy and the agricultural instruction given there.

7th. An Agricultural High School or College at Fredericton, connected with a School Farm. In this High School a full course of agricultural instruction should be provided, and it may or may not be connected with the existing College at Fredericton.

8th. The establishment of District Corn and Cattle Markets to be held in stated places at stated periods, for the convenience of buyers and sellers, and the fixing of prices.

9th. To tax all granted and unimproved lands above a certain number of acres, the proceeds to form a fund for the arterial drainage and other general improvements of the surface in the Parish, Township, District, or County.

10. The establishment of a Central Agricultur-