

Hotel, New York, commencing Wednesday, Feb. 1st, 1882, at 10 a. m., and continuing three days.

PROGRAMME.

WEDNESDAY—*Subject*—"How the Crops are Moved." To be discussed by the most competent Railroad and other authorities in the United States. The annual business meeting will also take place on this date, and addresses will be delivered on practical subjects.

THURSDAY—*Subject*—"How the Crops are Marketed." To be discussed by representatives of the Produce and Cotton Exchanges, and other leading authorities on the subject. Reports of Chemical, Botanical and Cattle Diseases, and Agricultural Engineering Committees, in writing. Visits to Produce Exchange, American Exchange, Abattoirs, etc. **EVENING SESSION**—*Subject*—"Ensilage." Discussion by H. M. Clarkson N. Potter, C. W. Mills, Esq., Francis D. Moulton, Esq., Dr. J. M. Bailey, J. W. Brown, Esq., and others; and reports of individual experience. Addresses.

FRIDAY—Visits to Stock Farms, Dairies and Silos of Theo. A. Havemeyer, C. W. Mills, V. B. Potter and other, convenient to New York.

During the convention addresses and papers will also be delivered by leading men in Agricultural Science and Practice, including Hon. Chauncy M. Depew, Prof. C. V. Riley, Hon. J. T. Updegraff of Ohio, Dr. Byron D. Halsted, Prof. Arthur Perry of Williams College, Mass., Prof. X. A. Willard of Little Falls, N. Y., Major Henry E. Aivord, Dr. Alfred L. Kennedy, Dr. E. Lewis Sturtevant, Hon. J. R. Dodge, Dr. Peter Collier, Prof. Albert R. LeDoux, Dr. Thos. P. James, Prof. J. M. McBryde, Prof. Jas. Law, Prof. I. P. Roberts. Hon. Samuel J. Randall, Hon. S. J. Kirkwood, Hon. Theo. F. Randolph, and other leading men, are also expected to be present.

It is believed that this convention will be the most important, interesting and instructive of any ever held in connection with Agriculture. All interested in Agriculture and the products of the soil, are invited to attend and to become members of the Association. Registration Fee and Dues for 1882, three dollars, including the *Journal* and free admission to the Society's Exhibition.

Accommodations will be provided at the Grand Central Hotel for all attending the Convention, at three dollars per day, and upward, including room and board. This hotel has just been re-furnished, and is one of the largest and best in New York. It is centrally located on Broadway, between Bleecker and Third streets. Rooms may be engaged in advance by addressing the proprietors, Messrs. C. Keefer & Co.

N. T. SPRAGUE, *President*.
J. H. REALL, *Secretary*.

The January issue of *The Journal of the American Agricultural Association* (Vol. 2, No. 1) will contain a report on the International Cotton Exposition held at Atlanta, Ga., by Frank H. Norton, late editor of Frank Leslie's publications, author of Frank Leslie's Centennial Register, the most comprehensive report of the Centennial Exposition published; also author of Frank Leslie's Report on the Paris Exposition.

This Report on the International Cotton Exposition, will be the first complete report published of this great enterprise, which embraced not alone Cotton and its products, but the principal features of the great International Exposition of the world. Only those who have visited it can have any conception of its comprehensiveness and merit. Mr. Norton's report will occupy about seventy-five pages of the *Journal*, and describe in detail the buildings and exhibits, processes of Cotton growing and manufacture, descriptions of machinery, implements, etc. It will also give a history of the enterprise from its inception to the close on December 31st, 1881, including the addresses delivered, etc., and will alone be worth more to every farmer, capitalist, merchant, manufacturer, and private citizen, than the price of the *Journal*.

This number will also contain articles as follows:—"Landscapes" by Hon. Cassius M. Clay, of Ky. "Is our Soil being Exhausted," by Dr. Peter Collier, Chemist U. S. Department of Agriculture. "Chemical Maturity on Wheat" by Prof. J. M. McBryde, of the University of Tenn. "Cotton Culture," by Paul F. Ammand. "Rice Culture," by J. Vogle. "Co-operative Experimenting," by Prof. W. O. Atwater, Wesleyan University, Middletown, Conn. "Forest Culture Survey," by Gen. Wm. W. Burns, U. S. Army. "Separating Cream by Machinery," by Dr. DeKlinz, Munich, Bavaria. "The American Farmers' Alliance," by W. J. Fowler, Esq. "Improvement of Country Homes," by Rear-Admiral Daniel Ammen, U. S. Navy. Address of Mr. Francis D. Moulton at the Atlanta Cotton Exposition, pronounced by the press the ablest of all made there. "Entomology," by Prof. Charles D. Zimmerman, of Ohio. "The Sources of Nitrogen of Vegetation," by J. B. Lawes, LL.D., F.R.S., St. Albans, Eng.

The April number of the *Journal* will contain, amongst other papers, a detailed description of Cattle Raising on the Plains, with particulars of the Cattle, Sheep and Swine Industry of the Country, including the rearing, transportation and marketing of stock. An exhaustive report on Ensilage, and how to do it. Also, "Carp Culture," by Capt. Multon P. Peirce of N. J. "The Golden Fruit of Florida," by Geo. J. Hagar. "The Composition of Grasses at various periods

of Development," by Clifford Richardson, U. S. Department of Agriculture; and the first instalment of an article on "Esculent Plants," by Dr. E. Lewis Sturtevant, of Mass. Director of the N. Y. Experiment Station just organized. This paper represents a life time work of Dr. Sturtevant, and will occupy two years' issues of the *Journal* in its publication, at the rate of forty pages to each number. The April number will also contain a report of the Annual Meeting of the Association, and the National Agricultural Convention to be held February 1st, 2nd and 3rd, with the addresses, papers and proceedings, and other articles by leading writers in America and Europe.

The *Journal* is free to members of the Association, in which the Registration Fee and Dues for 1882 are \$3.00.

Address

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MONTREAL VETERINARY MEDICAL ASSOCIATION.

At a recent meeting, Dr. Jas. Bell, president, in the chair, Mr. D. E. P. Campbell described a case of opacity of the cornea of two years standing, which he had treated by the application of calomel, followed by a 5 grain solution of argentine nitrate and had a good recovery. Dr. Wm. McEachran read a paper on the subject of Tetanus. He described very fully and graphically the history, causes, symptoms and treatment of the fearful malady. He spoke of the fatal character of the disease, and said that nothing makes us feel more our helplessness in combating disease, and at the same time the terrible nature of disease, than to witness a noble horse die of Tetanus. The agony which is depicted in every feature of the poor dumb creature pleads strongly for our help, but such help as we can give can only at most alleviate the suffering except in rare cases. In speaking of the treatment, he stated that in this city during the past summer the majority of cases were due to injuries from picking up nails in the street, the result of throwing ashes containing them on the streets. He recommended when a horse picked up a nail, that the nail being extracted the foot should be pained down and the soft parts exposed, so as to prevent any irritant remaining in the wound, following this the wound should be poulticed and some sedative applied to allay irritation and pain. Owing to the high nervous excitement present, absolute rest and perfect quiet are essential. In speaking of the internal treatment, Dr. McEachran stated that there was no remedy known which could be said to cure the disease, though the whole pharmacopoeia had been ransacked and tried