

before our forests will be things of the past, and how shall we manage them? We want shelter from such storms as the one that caused such loss of life in the Northwestern States in January, 1873. (Remember that storm passed over Manitoba, too). We want to see our grain stand up instead of lying down, as it only too often does now-a-days. We want to get rid of our hail storms and check the progress of the insatiable "hopper," and tree planting is the only remedy for all these evils.

To surround ourselves with trees will make us happier, richer and better—for man generally feels a better man when living in the midst of beauty than he does when living in a dull, monotonous plain.

BOOK NOTICES.

The *Agricultural Review* and Journal of the American Agricultural Association for May, contains an exhaustive article on the Cattle Industries of the United States, by Hon. J. B. Grinnell of Iowa, giving a complete history of cattle breeding, the development of the industry, and a detailed description of cattle raising on the Plains in the Western States and Territories; showing the lands best adapted to the business, and describing the methods of herdsmen owning from 500 to 20,000 head each.

The number also contains articles by Hon. Cassius M. Clay, Dr. Peter Collier, Prof. J. P. Stelle, Hon. T. Bowick of England, Col. Robert W. Scott of Kentucky, Dr. E. Lewis Sturtevant, and other practical and scientific writers.

The January number and Supplement contained the proceedings in full of the Great National Agricultural convention recently held in New York, including addresses and papers by Hon. J. F. Kinney, Francis D. Moulton, Dr. John A. Warder, Rear-Admiral Amen, Gen. H. E. Tremain, Hon. N. T.

Sprague, X. A. Willard, Seth Greene, and other leading writers and speakers.

The thirteen papers on Ensilage, giving full directions for growing the crop, building silos, and preserving the fodder, by the ablest practical experimenters in the United States, comprising the fullest, most reliable and most valuable information on this subject yet published.

The *Agricultural Review* is published quarterly with supplements, and is pronounced by the highest authorities the most valuable publication of its class issued.

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The American Exposition of Products and Manufactures, being inaugurated by the Association, gives unmeasurable value to the *Agricultural Review*.

THE AMERICAN ENCYCLOPEDIA OF AGRICULTURE.

This work, as the name indicates, is, in point of fact, an Encyclopædia of Agricultural Knowledge. It is a truthful record of agricultural progress, and not of methods that have gone out of date. It is a handsomely bound volume of 1,100 pages, of which 38 pages are devoted exclusively to the household department. The important subjects of economic entomology, forestry, agricultural geology, the grasses, farm laws, manures, ornithology, horticulture and veterinary science, and in fact all other subjects of special interest in a volume of this kind, are concisely considered. A needed work has been supplied, and it is one every progressive farmer should have in his library. It is a library of itself. Edited by the Hon. Jonathan Periam, and published by Rand, McNally & Co., Chicago.