

MISCELLANEOUS.

Cotton.

There is scarcely any agricultural product in which the readers of the Farmer have manifested more interest during the present season than in cotton.

The cotton product of 1874, as estimated by the correspondents of the Department of Agriculture, somewhat exceeds three and a half millions of bales.

The October statement, which has been misinterpreted, or misrepresented, as indicating 3,000,000 bales or less, makes the average for 10 cotton States, 71 per cent. of normal condition.

As to the necessity that all the monthly reports of condition throughout the growing season should be identical in their percentages, it is an absurdity and an impossibility, which no man of sense would suggest.

Table with 5 columns (June, July, August, Sept., October) and 14 rows (N.C., S.C., Georgia, Florida, Alabama, Mississippi, Louisiana, Texas, Arkansas, Tennessee).

The condition of the crop in June was reported lower than in the same period of 1873 in every State except Texas and North Carolina.

After the rains came exceptionally fine weather; stands were perfected by replanting; the plants took root more firmly in the warm soil.

Improvement in map making.—Lloyd, the famous map man, who made all the maps for General Grant and the Union Army, has invented a way of getting a relief plate from steel so as to print a map 40x50 inches in size on a fast working power press.

REMARKS dried and out in slips make very strong belt leashes.

The New Homestead Plan.

We are requested to call the attention of Eastern editors and readers to the following "Call ornia Letter" from the Corresponding Secretary of the State Orange Committee on Immigration.

"California is now attracting about one thousand people a week to her beautiful valleys, who are trying to escape from the rough climate of their childhood."

Bread had to be imported at great expense, until some indomitable Yankee, experimented with the cereals and demonstrated that even the hills and mountains would bring forth abundantly with little or no attention from the husbandman.

More than three-fourths of the wine produced in the United States is manufactured in the State of California, and the people of Santa Barbara have the largest vine in the world.

Immigration has been retarded in consequence of the fact that about one-twentieth of the land in the State, including many of our most delightful valleys, are owned by private parties.

Many of these charming little valleys are admirably adapted to colonizing and dairying under the factory system.

A New Homestead Plan. Those vast ranchos often containing 40,000 acres can only be purchased by colonies or companies in consequence of the large amount of capital required.

Thus, in a week we have arranged for one of the most liberal, enterprising, educational, temperance towns that can be desired by the most refined and fastidious, where they may rear and educate their families.

Already the people of Los Angeles have formed a company and are about to subdivide one or more of their choicest ranchos, and the same thing will be repeated here until these charming valleys, once occupied alone by the bovine, become the floral gardens of hundreds of thousands who flee from their frozen homes to dwell where they can enjoy the wise, fig, apple, olive, almond, and the orange in a fair land where December is as pleasant as May.

This Brooklyn tower of the East river Brooklyn bridge was completed on the 16th of December. Its total height is 368 feet—48 feet higher than Bunker Hill monument.

Economic Use of Fuel.

The following interesting summary is from an address recently delivered before the Royal School of Mines, at Berlin, by G. F. Becker: The progress in the economical consumption of fuel in the last fifty years has been enormous.

Remarkable Tree Growth in San Bernardino.

We give the following from the Santa Barbara Guardian of December 12, 1874: "We are not going to exaggerate. We went into Dr. Barton's champion nursery with a pole in one hand and a tape in the other."

The Mysteries of the Human Throat.

Dr. Frederick Fieber, of Vienna, like the little boy with his drum, not content with enjoying the melody of Madame Pauline Lucca, has made a close scrutiny of the throat whence the sweet sounds issue.

Geological Puzzle.

Prof. R. Weiser, of Georgetown, Colorado, contributes the following to the Journal of Science and Arts: Geologists have been not a little perplexed with the frozen rocks found in some of our silver mines in Clear Creek county, Colorado.

Cutting and Pickling Pork.

L. W. Babbitt, of Council Bluffs, Iowa, in a communication to the Western Rural, says the first essential in pickling pork is a good, sweet barrel—not a molasses barrel, but a new barrel made from well-seasoned, white oak staves.

When the hogs are killed and the flesh perfectly cold, lay the hog on his side and cut straight down the center of the back until the knife strikes the bone. Then turn him on his back and cut through the ribs close to the backbone, so as to meet the cut made from the other side.

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THE MAGIC LANTERN IN DISEASE.—Dr. Balmanno, a London surgeon, has successfully applied the magic lantern to the study of diseases of the skin.

Hot Water.—The water encountered in the main east drift of the 3000-foot level of the Imperial mine, is the hottest on the Continent.

Notice.—To Tule Land Owners. I am manufacturing a Gum Flow specially adapted to plugging Tule Leaks.

SCHREIBER & HOWELL, 11-30-109-12-30 General Agents, Sacramento. VALLEJO, CAL