

AGRICULTURAL PAPERS.

A SERIES PREPARED ESPECIALLY FOR THE "RECORD-UNION."

Presenting Instruction Contained in Lectures from the Chair of Agriculture, State University.

[TWENTY-FIFTH PAPER]

We have already seen that the incorporation of vegetable and organic matter was one of the original means of soil formation.

THE ORGANIC MATTER OF VEGETATION. Is made up simply of the elements of water and carbonic acid.

DECOMPOSING VEGETABLE MATTER. Under certain conditions of oxidation. Its general appearance differs with the conditions of formation.

THE HOUSEHOLD. If you have a garden do not throw away the scraps from the laundry.

HUMIC ACID. When the full supply of air is cut off by saturation with water or other causes.

AVAILABLE OXIDIZING AGENT. The reverse process goes on in the soil, for the organic acid extracts oxygen from any highly oxidized body it meets.

SOMEWHAT MIXED. A fashionable young lady of this city visited a cooking school.

THE BALANCE OF THE ALKALI BASES. Are freely soluble in water. They are formed by the contact of the alkalis or humic acids.

double salts are formed which are insoluble in water. These salts consist of a combination of two or more bases with either nitric or humic acid.

MOST OF THE COMPOUNDS. Of opopronic and crenic acids are soluble; those which are not soluble in water are readily dissolved by an excess of the alkali salts.

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BERLIN LETTER.

THE IMPERIAL DIET OF GERMANY.—THE REICHSRAT TO A FOLLETER.

Bismarck—The Parliament Building—Opening Proceedings—Discussion—Conduct of the Members.

No sooner had we reached the capital city of Germany than we were seized with an intense desire to visit the Reichstag.

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an hour, when with a hearty "bravo" from all around he resumed his seat and calmly wiped the perspiration from his forehead.

DR. HIRSCH, AROSE. And began in a spirited style to discourse upon "Bundesgenossen" or the necessity of unity among the parties.

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DR. HIRSCH'S GREAT GERMANY REMEDY FOR RHEUMATISM.

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RAILROADS, STEAMERS, ETC. CENTRAL PACIFIC RAILROAD. COMMENCING MONDAY, MAY 15, 1882.

NOTICE IS HEREBY GIVEN THAT THE BOARD OF SUPERVISORS OF THE COUNTY OF SACRAMENTO.

NOTICE IS HEREBY GIVEN THAT PURSUANT TO AN ORDER AND DECREE MADE AND ENTERED BY THE SUPERIOR COURT OF SACRAMENTO.

REDEMPTION OF BONDS. NOTICE IS HEREBY GIVEN THAT IN ACCORDANCE WITH THE TERMS OF THE BONDS ISSUED BY THE PACIFIC ROLLING MILL COMPANY.

INMAN ROYAL MAIL STEAMSHIP LINE. JOHN TALBOT, PASSENGER AGENT.

NOTICE OF SALE. VALUABLE MINERAL SPRINGS AND ONYX QUARRIES.

THE SUPERIOR COURT OF THE COUNTY OF SACRAMENTO. NOTICE OF SALE.

THE FINEST MEATS. OF ALL KINDS, IN THE CITY.

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THE GRAND CENTRAL HOTEL. LAKE TAHOE.

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SACRAMENTO BANK. A first-class Fuel for Smelting Purposes.

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