

AGRICULTURAL DEPARTMENT.

The Sources of the Ingredients of Chemical Fertilizers.

Let us see what are the commercial materials which practically furnish the four effective agents of fertility, and if the sources of these elements are truly inexhaustible and always open to the wants of agriculture.

NITROGEN.

This is one of the most wide-spread substances in nature. It is 70 per cent. of the volume of the atmospheric air. For every quart of air we breathe we draw into our lungs 79 per cent. of nitrogen and 21 per cent. of oxygen.

Rutherford, in 1772, was the first to distinguish it from this gas. It acts the part of moderator in air and in organic combinations, tempering the too quick action of oxygen.

Nitrate of soda furnishes also 15 per cent. of the nitrogen of nitric acid, combined with the oxide of sodium. Nitrate of potash contains 13 per cent. which enters into the fertilizer when this salt is used as a source of potash.

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phosphates of lime it is absorbed by plants and assists powerfully in their development and fruiting.

Natural phosphates are made soluble by being treated with sulphuric acid weakened with water.

There are besides in this product certain earthy matters and metallic oxides which mineral phosphates always contain in more or less quantities.

The superphosphate contains an average of sixty per cent. of anhydrous sulphate of lime or plaster, which is formed during the reaction.

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A TRADE IN HUMAN BONES.

The Horrible Work of Chinese Ghouls in San Francisco—Dead Bodies Stolen from Cemeteries in Various Parts of California.

A horrible discovery was made in Chinatown, Cal., last Thursday. Information was given to the city coroner that a frightful stench was being emitted from a cellar on Pacific street.

He went to the cellar and found the floor covered with human skulls and bones partially covered with flesh in the last stage of decomposition.

This discovery of the horrible practices of the Chinese in preparing the bones of their dead fellow-countrymen for shipment to China, which have been carried on under the very nose of the city authorities, has created a deep and intense excitement.

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THE VIRGINIA CAMPAIGN.

A Majority of Five or Ten Thousand Confidently Predicted—What Fitzhugh Lee Says.

The Washington correspondent of the Charlotte Observer writes: A distinguished newspaper man who is a Virginian, tells me that he has traveled in various portions of the State since the canvass began and that he finds a good spirit prevailing everywhere among Democrats.

My informant says that in the beginning of the campaign Malone secured a large sum of money which he has used, probably to good advantage where it was possible.

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THE FAIRFIELD "REGULATORS."

What the Grand Jury of the County Say about Them and Their Doings.

The final presentation of the grand jury for Fairfield county, made at the recent term of Court, contains the following remarks on the so-called "Regulators" in that county:

We have gravely considered the remarks of His Honor the presiding Judge, in his opening charge, touching alleged violations of the law by bands of persons styling themselves—or termed by others—"Regulators."

Such as we regret our inability to set in motion the machinery of the law for the punishment and suppression of the acts to which your Honor has alluded, we are yet gratified to know that all the ordinary agencies of the law, for the correction of any evils, are here in easy reach of every citizen, from the highest to the lowest.

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FOR BOUGHS AND GROUPS: TAYLOR'S CHEROKEE REMEDY. SWEET GUMS. MULLIN.

TUTT'S PILLS. 25 YEARS IN USE. The Greatest Medical Triumph of the Age!

DEAF AND BLIND. How an Atlanta Woman was Made to See and Hear. AN INTERESTING STORY.

THE CHURCHMAN. FORTY-FIRST YEAR, 1888. The Religious Weekly of the Protestant Episcopal Church.

WOMAN! Grace goes in all her steps, Heaven to her eye. In every gesture dignity and love!

MALARIA. BROWN'S BITTERS. The Best Tonic. Kills the system from unknown causes.

OPIMUM. Good For Rheumatism. \$100 to \$200 per box. Sold at home without a prescription.

WOMAN! This will certify that two members of my immediate family, after having suffered for many years from menstrual irregularity, and having been treated without benefit by various medical doctors, were at length completely cured by one bottle of Dr. J. Bradford's Female Regulator.

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Did you See? pose Mustang Liniment only good for horses? It is for inflammation of all flesh.

NEW ADVERTISEMENTS. A BIG OFFER. To introduce them we will give away 1000 self-operating Washing Machines.

MOSQUITOES. Agents Wanted to sell the Magic MOSQUITO BITE CURE, gives instant relief, and drives them away.

Established 1845. Manilla Roofing! Resembles fine leather. For Roofs, outside Walls, and inside in place of plaster.

Parker's Tonic. If you have Dyspepsia, Rheumatism, Kidney or Urinary Complaint, or if you are troubled with any disorder of the lungs, stomach, bowels, blood or nerves you can be cured by Parker's Tonic.

BURNHAM'S IMPROVED TURBINE. It is the best constructed and finished Turbine in the world. It gives better percentage of power than any other turbine.

THE Columbia Music House. WILL SAVE YOU TWENTY-FIVE PER CENT. BY BUYING Pianos and Organs OF THEM.

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A Clear Skin. is only a part of beautifying, but it is a part. Ever may have it; at a refinery. Balm both in stock at the Emporium beauty.