

AGRICULTURE.



THE VALUE OF COAL ASHES. Coal ashes is a general thing thrown away and thought a nuisance. But after some experience I am inclined to take a different view of the matter.

It may be and undoubtedly is the case that they are less valuable than those derived from wood. The ash of coal contains gypsum, lime and phosphoric acid, but its main bulk is composed of insoluble silica. I have found coal ashes to be very useful in the peach orchard; in the fall they should be spread around the foot of the tree at the rate of a good-sized wheelbarrow load to each tree, and spread some five inches thick at the trunk, and sloping off gradually all around; the ashes should be allowed to remain in this position until the tree is out in blossom, when it should be spread over the orchard. I consider that I have derived much benefit from this plan, and would account for it in the following manner. We all know by experience that a large pile of coal ashes will retain the frost much later than common soil—the ashes at the trunk of the tree (as I have proven by experiment) retains the frost later in the spring and prevents the trees from coming out in bloom too soon. Another good effect is that ashes thus applied will keep off the peach worm, which is often so destructive to the trees. Besides these mechanical advantages, coal ashes contains substances which are beneficial to vegetation of all kinds. Last winter I kept a portion of coal ashes under shelter until the ground was well frozen, when it was spread as before; if the effect was thereby changed I will report at the proper season. This system will apply as well to other fruits as to the peach. I have tried it with the same success on apple, pear and cherry trees.

One of my neighbors has for many years applied coal ashes to his potato patch as a preventive of rot, and has not since been troubled with rotten potatoes. He retains the same piece of ground several years in succession, and applies coal ashes in large quantities each year.

GALLS ON HORSES.—As the heat and labor of the season increases, horses will suffer from various flesh wounds, which if not immediately cured, will cause great suffering to the horse, and waste of time and temper to the owner. Let, therefore a hint or two from the American Agriculturist be now heeded:

"Prevention is better than cure. In the first place, be sure that your harness is in perfect working order. See to it especially that the collar fits well, and is smooth. If the inner surface is rough, it must chafe, and soon wear off the skin.—A loose layer of leather under the collar is a good contrivance to lessen friction upon the animal's neck and shoulders.—While spring work is pressing let the horse's shoulders be washed every morning with a solution of alum and whisky. At night, when coming home from work sweaty and sore, let the shoulders be washed with tepid water, then rubbed dry. If then galls occur on the breast or back, wash them clean, then apply an ointment made by mixing together a spoonful of pulverized alum and the white of an egg.

CHEAP SUMMER FOOD FOR HOGS.—The editor of the New England Farmer says he has practiced the following plan for summer feeding of pigs for many years, and finds it to be an excellent one:

"A few rods of grass-plot convenient to the pen is reserved for this purpose, and is mowed by the weekly suds from the wash room. Commencing at one side of the plot, a large basket of the thick, short grass is mowed each morning while the dew is on, and a part given to the swine at each feeding, three times a day. By the time the last portion of the grass is cut, the first is ready to be cut again, and in this way the ground is mowed over many times during the summer, while the grass is kept short, thick, tender, and sweet. It keeps the hogs in a healthy growing condition—they are fed as much as they will eat every day, and little additional food is needed besides the slops from the kitchen."

A LUCIOUS PROSPECT.—There is every reason to hope for a plentiful supply of fruit this season. Fruit trees of all kinds are very full of young fruit, and unless an untimely frost interposes, we shall have an old fashioned supply of luscious peaches, apples, plums, cherries, &c. In this connection we venture to repeat a hint concerning cherry trees. We notice an occasional tree the limbs and twigs of which are covered with small knots, caused by the working of a destructive insect. Every tree of this kind should be cut down and burned. They are worthless for fruit-bearing purposes, and if not destroyed by fire, will communicate the disease to all the other trees in the vicinity, and after a tree becomes diseased in this way it rarely lives more than two or three years, and ceases to bear fruit.

BLANKS! BLANKS!! Of every description, for sale at this office.

List of Dealers in Columbia county, FOR THE YEAR 1892.

Table listing various dealers and their locations in Columbia County, including items like flour, sugar, and other goods.

IMPORTANT NATIONAL WORKS.

443 and 445 Broadway, New York. The following works are on their shelves in any part of the country, (upon receipt of retail price) by mail or express prepaid.

THE NEW AMERICAN CYCLOPEDIA: A Popular Dictionary of General Knowledge, Edited by George Rexford and Charles A. Dana, and by a numerous select corps of writers in all branches of Science, Art and Literature. This work is published in about 15 large octavo volumes, each containing 225 two column pages. Vols. 1 to 11th inclusive, are now ready each containing near 2,000 original articles. An additional volume will be published in about three months. Price, in cloth, \$3; Sheep, \$3.50; Half Mor., \$4; Half Russia, \$4.50.

THE NEW AMERICAN CYCLOPEDIA is popular without being superficial, learned but not pedantic, comprehensive but not encyclopedic, fresh and yet accurate. It is a complete statement of all that is known upon every important topic with the scope of human intelligence. Every important article in it has been especially written for its place by men who are authorities upon the topics on which they speak. They are required to bring the subject up to the present moment to state just how it stands now. All the statistical information in the latest reports, the geographical accounts, the history, the latest explorations, historical matters include the freshest just views of the progress of the world, and all the latest news of the day are included. It is a library of itself.

AGENTS. No other works will so liberally reward the exertions of Agents as these. We will pay a commission of 25% on all sales made through our agents. Terms made known on application to the Publishers, No. 21, 1892.

GIBSON'S STAINED GLASS AND DECORATIVE ESTABLISHMENT, No. 125, South Eleventh Street near Walnut, PHILADELPHIA.

"THE UNION," Arch Street, above Third, PHILADELPHIA.

GILL & PAUL, General Commission Merchants, Fish, Provisions, Flour, Butter, Cheese, Oil, Dried Fruit, Canned Goods, etc., No. 34 NORTH WYCKOFF, PHILADELPHIA.

FOR SEWING MACHINES. JONAS BROOK & CO'S PRIZE MEDAL SEWING MACHINES. 200 & 500 Yds. White, Black, & Colored. This Thread being made particularly for Sewing Machines, is very Strong, Smooth and Elastic, and is not injured by washing, nor by friction or the needle. For further particulars, apply to the Agents, No. 125, South Eleventh Street, New York.

Philadelphia and Reading Railroad.

WINTER ARRANGEMENT OF PASSENGER TRAINS. (Passing Reading.)

From Philadelphia, at 10:30 A.M. and 5:45 P.M. To Reading, at 11:15 A.M. and 6:30 P.M. From Reading, at 11:15 A.M. and 6:30 P.M. To Philadelphia, at 12:00 P.M. and 7:15 P.M.

Lackawanna & Bloomsburg Railroad. ON AND AFTER NOVEMBER 25, 1891, PASSENGER TRAINS WILL RUN AS FOLLOWS: MOVING SOUTH.

Callawalla Rail Road. PASS RUPERT STATION. SOUTHWARD BOUND TRAINS. Philadelphia & P. M. Express, 10:25 A.M. Niagara Express, 12:15 P.M.

W. WIRT ESQ. Now occupies the room upstairs in front of Mr. Duncanson's building on Main Street, in the American House. A most convenient office; where he will be happy at all times to see his friends and clients. Bloomsburg, Nov. 9, 1891.

INDIAN HERBAL TEA! FOR FEMALES. DR. ENGLISH'S INDIAN VEGETABLE EMMENAGOGE.

WESTERN HOTEL, Nos. 9, 11, 13, 15, 17 Courtland Street, NEAR BROADWAY, NEW YORK CITY.

NATIONAL HOTEL, RACE STREET, ABOVE THIRD PHILADELPHIA. D. C. SEIGRIST, PROPRIETOR.

CRITTENDEN'S PHILADELPHIA COMMERCIAL COLLEGE.

N. E. corner of 7th and Chestnut Streets PHILADELPHIA.

This Institution, which was established in 1844, and is now consequently in the sixteenth year of its existence, has a large and increasing number of students, and is one of the most successful and best conducted of its kind in the country.

BUGH'S BONE FERTILIZERS. BAUGH AND SONS, Manufacturers and Proprietors, Store, No. 20 South Wharves, PHILADELPHIA.

NEW BUSINESS FIRM. THE undersigned respectfully inform their friends and the public generally, that they have entered into co-partnership, under the name, style and firm of MILLER, FRANK & EVER.

EVANS & WATSON. The undersigned, having opened a new BOOT AND SHOE STORE, at 131 Center Street, near Market, in Philadelphia, respectfully invite the custom of the citizens and the public generally.

EXCHANGE HOTEL. The Proprietor of this well-known and comfortable Hotel, the EXCHANGE HOTEL, situated on Market Street, Philadelphia, immediately opposite the City and County Court House, respectfully informs his friends and the public in general, that his Hotel is now in a more improved condition than ever.

The Great Cause of HUMAN MISERY. A LITTLE BY DR. CULVERWELL, ON THE CAUSE AND CURE OF SPRAUDELING, CONSUMPTION, AND ALL THE VARIOUS FORMS OF PHTHISIS, AND ALL THE VARIOUS FORMS OF PHTHISIS, AND ALL THE VARIOUS FORMS OF PHTHISIS.

J. P. HUBER. (Successor to J. S. Huber.) TOBACCO, SNUFF AND CIGARS, No. 8 North Fifth St., above Market, PHILADELPHIA.

DR. LA CROIX'S PRIVATE MEDICAL TREATISE ON THE Physiological View of Marriage.

250 PAGES AND 120 ENGRAVINGS.—Price 50 CENTS. This treatise is a complete and practical guide to the physiological view of marriage, and is one of the most valuable works ever published on this subject.

COSTAR'S VERMIN EXTERMINATORS. THE ONLY INFALLIBLE REMEDIES KNOWN. DESTROYES INSTANTLY EVERY FORM AND SPECIES OF VERMIN.

RAW-BONE Super-Phosphate of Lime. Little need be said to recommend this article—it is a superior article as a fertilizer and has been used for many years with the most successful results.

GROUND RAW BONES. PRICE \$35 per 2000 lbs.—CASH. THE above Bones can be had of regular Dealers or of BAUGH & SONS, February 15, 1892.

EVANS & WATSON. The undersigned, having opened a new BOOT AND SHOE STORE, at 131 Center Street, near Market, in Philadelphia, respectfully invite the custom of the citizens and the public generally.

WHOLESALE AGENTS in New York City. T. W. Drott & Co., 147 N. 5th St., New York City.

PHILADELPHIA PA. T. W. Drott & Co., 147 N. 5th St., New York City.

G. M. Hagenbuch, J. R. Moyer, E. P. Lutz. Choice Vegetable Seeds by Mail. 50 Yards for \$1.00, 100 Yards for \$2.00, 200 Yards for \$4.00.

Advertisements and notices on the far right edge of the page, including mentions of dentists and other professionals.