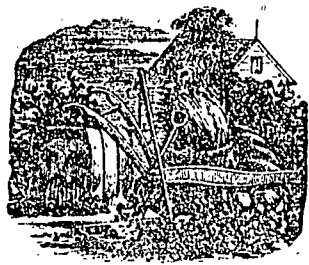


Agricultural.



Agricultural Science.

Plants are composed primarily of two grand divisions, organic and inorganic. The organic part is composed of the four simple elements, carbon, oxygen, hydrogen and nitrogen.

1. Potash.—In Agricultural chemistry, the term alkali is frequently used, and potash is a good specimen of an alkali.

2. Soda, is a glassy or crystalline substance, resembling alum. It has an alkaline taste, and is manufactured from common salt.

3. Lime, needs no description.

4. Magnesia, is a white powder, sold by the druggists under the name of Calcined Magnesia. It has scarcely any taste, and is extracted from sea water, and from some kinds of limestone rock.

5. Oxide of Iron, is iron rust, which is a combination of iron and the oxygen of the air.

6. Silica, is the name given by chemists to the substance of flint, quartz and sandstone.

7. Chlorine, is a kind of air which has a greenish, yellow color, and a strong suffocating smell. This very noxious gas forms more than half the substance of common salt.

8. Sulphuric Acid, or Oil of Vitriol, is a very sour, burning, oily liquid, which is manufactured from burning sulphur (brimstone).

9. Phosphoric Acid, is also a very sour substance which is made by burning phosphorus in the air. It exists in large quantities in the bones of animals.

The ashes of all our usually cultivated plants contain all these substances. All plants do not leave the same quantity of ashes when burned. Thus 100 lbs. of hay leave 9 or 10 lbs. of ashes, while 100 lbs. of wheat leave less than two lbs. of ashes.

The learner now will begin to catch glimpses of the utility of agricultural chemistry. But we must not anticipate. We have a few more things to say before we enter upon the practice of agriculture.

A TIMELY HINT—Let everything that can be done to facilitate spring operations be proceeded with; make roads and walks, and dig out and prepare the ground for trees.

Pruning is an operation very little understood by the majority of cultivators; an annual visit to the orchard with an axe and saw, and the cutting out of a few limbs being considered the indispensable procedure.

PLANT FROM THE BEST—A Virginia farmer, in sending some fine corn to the Agricultural Office at Washington, says: "I have for twenty years saved for seed the top ear of the stalks that bear two and three ears apiece, and have in this manner improved the corn."

much relished by all who have partaken of it. The method adopted is worth the attention of our friends here in Pennsylvania.

Hardware.

JOHN P. LYNE—Wholesale and Retail dealer in American, English and German Hardware, Oil, Paints, &c. &c. Mechanics, builders and the public generally, who are in want of Hardware of any kind, are invited to call in and examine my unusually large stock of goods, which I am selling at very low prices.

FRESH ARRIVAL! HENRY SAXTON. The subscriber having returned from the city would call the attention of his friends and the public generally to the large and well selected assortment of Hardware which he has just received.

COACH TRIMMING—canvases (plaid, enamelled, figured and uncolored), patent enamelled leather, valves, springs, hubs, spokes, felons, shafts, &c. &c. Cabinet Makers will find a large assortment of varnishes, mahogany and walnut veneers, moulding, rosettes, inlay cloth, eucalyd, hair, &c. &c.

Hardware!—The largest and most varied assortment of Hardware in the county, and selling at the lowest prices. J. P. LYNE, North Hanover street, Carlisle, Pa.

AGRICULTURAL. CARLISLE FOUNDRY AND MACHINE SHOP.

STEAM ENGINES BUILT TO ORDER and repaired. All kinds of Machinery in Paper Mills, Text Mills and Factories repaired at short notice.

FARMERS LOOK HERE! The subscribers desire to inform farmers and public generally that they have on hand and are constantly manufacturing the following Machines with the most reliable and durable machinery.

NOTICE—Notice is hereby given that I have this day associated with me in the practice of my profession, Wm. M. Penrose and Thos. M. Biddle, Esq's. My business, in future will be attended to by the above under the firm of "HARRIS & PENROSE."

CORNER of Hanover and Lanthier streets CARLISLE.—The undersigned has always on hand a large stock of superior Cabinet and all the latest styles, which he is prepared to fill at the lowest prices.

W. M. RUMRICH, Attorney at Law, Office in Boston's Row, All business entrusted to him will be promptly attended to.

WILLIAM C. RHEEM, Attorney at Law, Office in Main Street, Carlisle, Pa. Business entrusted to him will be promptly attended to.

A. N. GREEN, Attorney at Law, has settled in Mehanesburg, for the practice of his profession. All kinds of Legal Writing, Collections, Court business, &c. promptly attended to.

B. COLE Attorney at Law, will attend promptly to all business entrusted to him. Office in the room formerly occupied by William Irvine, 58 1/2 North Hanover street, Carlisle, Pa. April 29, 1855.

W. BRANDT, Manufacturer of Mineral Waters, French Mead, Bottled Ale, Porter and Cider, South East Street, near the Rail Road Bridge, Carlisle, Pa.

S. RIVENER and CONVEYER—A. L. SPONSLER, late Register of Cumberland county, will carefully attend to the transaction of all such business as may be entrusted to him, such as the writing of Bonds, Mortgages, Contracts, &c. He will also devote his attention to the purchase and sale of Land, Rents, Pensions, &c. as well as the purchase and sale of Real Estate, negotiations, of bonds, &c. Office on West High Street, formerly occupied by W. M. Penrose, Esq. near the Methodist Church.

T. N. ROSENSTEEL, House, Sign and Ornamental Painter, Mrs. Harp's (formerly Harper's) Row, near Bitter's Dry Goods Store. He will attend promptly to all the above descriptions of painting, at reasonable prices.

Miscellaneous.

CUMBERLAND VALLEY BANK.

WILLIAM KEE, MELCHIOR BRENNEMAN, ROBERT C. STURRETT, HENRY SAXTON, RICHARD WOODS, JOHN S. STURRETT, HENRY A. STURGEON.

This Bank, doing business in the name of KEE, BRENNEMAN & CO. is now fully prepared to do a general Banking Business with promptness and fidelity.

AGAS FITTING AND PLUMBING.—The undersigned would inform the citizens of Carlisle that he has made arrangements to do GAS FITTING and PLUMBING at short notice, and on reasonable terms.

SADDLE AND HARNESS MAKING. The subscriber continues to carry on the above business, in all its various branches, in North Hanover street, Carlisle, two doors North of Leonard's corner.

HERRING'S PATENT, CHAMPION FIRE PROOF SAFES, with HALL'S Patent Patent Locks, which were awarded separate Medals at the World's Fair, London, 1851, and also at the World's Fair, New York, 1853 and '54.

PATENT SELF-SHARPENING CUTTERS, manufactured by ALBRIGHT & HASKINSON, No. 410 West Street, New York.

INSURANCE.—THE ALLEN AND EAST PENNSYLVANIA MUTUAL FIRE INSURANCE COMPANY of Cumberland county, incorporated by an act of Assembly, is now fully organized.

LEATHER! LEATHER! FRITZ, HENDRY & CO., No. 29, North Third Street, Philadelphia.

HAY AND STRAW CUTTERS, JOHN SHELLER'S—A large assortment of improved Hay, Straw and Fodder Cutters, now on hand.

FRENCH TRUSSES.—Hernia or Rupture successfully treated, and comfort insured, by the use of the elegant French Trusses, imported by the subscriber, and for Express, for his sales.

AGRICULTURAL IMPLEMENTS.—PENNOCK'S CELEBRATED WHEAT DRILL, Adapted also for sowing oats, grass seeds and grain.

WOODS' ORNAMENTAL IRON WORKS.—The attention of the public is invited to the extensive manufacturing and ware-room of the subscriber, who is prepared to furnish, at the shortest notice, IRON RAILING of every description for CHIMNEYS, PUBLIC & PRIVATE BUILDINGS, AND VERANDAS, BALCONIES, FOUNTAINS, SETTLERS, CHAIRS, LIONS, DOGS, &c. and other Ornamental Iron Work of a decorative character.

AGENTS.—CUMBERLAND COUNTY.—Rudolph Martin, N. Cumberland; C. B. Hornum, Kingstown; Henry Zearing, Shrewstown; Charles Bell, Carlisle; Dr. J. A. Hill, Charlemont; Samuel Graham, West Pennsborough; James Mc Dowel, Frankfort; Mole Griffith, South Middleton; Samuel Coover, Benjamin Havershook, Mechanicsburg; John Sherrick, Dillsburg; David Coover, Shepherds-town.

YORK COUNTY.—John Bowman, Dillsburg; Peter Wolfford, Frankfort; John Hill, East Washington; W. S. Pickering, Dover; J. W. Craft, Paradise. HARRISBURG.—Houser & Lochman.

LAURENCE'S AGRICULTURAL WAREHOUSE. Nos. 21 and 23 South Sixth Street PHILADELPHIA. July 25, '55.

Philadelphia.

HOWARD ASSOCIATION, PHILADELPHIA.

IMPORTANT ANNOUNCEMENT. To all persons afflicted with Sexual diseases, such as SEMINAL WEAKNESS, IMPOTENCE, GONORRHOEA, GLEET, SYPHILIS, &c. &c.

DOILLARD, Premium Artist in Hair. Inventor of the Celebrated Gossemer Ventilating Wig and Elastic Band Toupees.

HERRING'S PATENT, CHAMPION FIRE PROOF SAFES, with HALL'S Patent Patent Locks, which were awarded separate Medals at the World's Fair, London, 1851, and also at the World's Fair, New York, 1853 and '54.

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Education.

WHITE HALL ACADEMY.

Three miles west of Harrisburg. The tenth Session of this Institution will commence on Monday, the 6th of November next. Parents and guardians are requested to inquire into its merits.

PLAINFIELD ACADEMY.—Near Carlisle, Pa.—The Nineteenth Session (five months) will commence November 6th. A new building has been erected containing Gymnasium, Music Room, &c.

COMMERICAL COLLEGE, No. 59 and 61 BALTIMORE STREET, Baltimore, Md.

BOOK KEEPING.—The Principal has the utmost confidence in assuring the public that after an experience of fourteen years in teaching, he is well qualified for the teaching of book keeping.

COURSE OF STUDY.—The Principal has the utmost confidence in assuring the public that after an experience of fourteen years in teaching, he is well qualified for the teaching of book keeping.

MERCANTILE CALCULATIONS in all their various bearings are taught by the most accurate and expeditious method.

DRUGS! DRUGS! DRUGS! Fresh SUPPLY! I have just received a fresh stock of Medicines, Paints, Glass, Oil, &c. which, having been purchased with great care at the best City, Physicians, country Merchants and Dealers, as being fresh and pure.

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MILLINERY GOODS—1855—FOR FALL SALES! JOHN STONE & SONS, No. 45, South Second Street, Philadelphia.

BOOK AGENTS WANTED! Agents wanted in every Town and County in the United States, to canvass for the most popular and profitable of other valuable and saleable books of the works are particularly adapted to the wants of the people, being beautifully illustrated with fine Steel Wood engravings, and bound in the most substantial manner.

TOOLS.—A mammoth assortment of TOOLS of all kinds now on hand and for sale. Call and see them. J. P. LYNE.