

Agricultural

THE BENEFITS OF DRAINING.

The draining acts in various ways. In a wetting it allows the surplus water to pass and so all to penetrate the soil—thus raising the temperature of the lower strata, and stimulating the growth of roots. It hastens the decomposition of roots and other organic matter. It accelerates the disintegration of the minerals of the soil. It improves its mechanical texture. It tends to prevent grasses running out. It renders soils earlier in the spring. It greatly lessens the throwing out of grain in winter. It allows us to work sooner after rains. It keeps off the effects of cold weather in the fall—thus extending the growing season. It hastens the decay of vegetable matter. It admits fresh quantities of water down roots, which always means more or less imbuing with the fertilizing gases of the atmosphere, to be deposited among the absorbent parts of soil, and given up to the demands of plants. Warm air, containing moisture in the form of vapor, having a chance to circulate through a cooler strata of soil, necessarily deposits its moisture. The throwing out of roots in winter is prevented, because there is no water to freeze and expand.

Use of Lime in Agriculture.

The action of lime is two-fold: first physical, and second, chemical. As a mechanical agent it opens stiff clays, rendering them friable, mellow, and more easily worked; chemically, it acts upon the vegetable matter of the soil and aids for those of valuable substances which, without the action of this agent, must have remained inert and useless. It also acts directly into the composition of plants, and in many varieties forms a large proportion of the weight of their inorganic constituents. It neutralizes certain acids which are often present in soils, rendering them useful for vegetation instead of being positively injurious, which they are in their original state. The existence of water in the soil, however, affects the action of lime very considerably. If the land is wet and undrained, lime will not exert the same influence which it would do in the case of thorough drainage. A greater quantity of lime is necessary to produce a given effect, and thus the neglect of thorough drainage entails a considerable greater expenditure in liming, than would have been necessary, if the land was either naturally or artificially dry.—*Centennial Chemistry of Agriculture.*

62.—A premium of \$50 offered by the Massachusetts Horticultural Society for the best seedling pear, has been awarded to the variety known as the Clapp's Favorite, after a trial of five years.

63.—The castor oil manufactured in Gonzales, Texas, and shipped out of the State, is already establishing the company abroad.

64.—In exporting living plants the Japanese wrap the roots in a mixture of earth and carrots ground together.

RAILROADS

THE N. Y. CANAL & R.R. CO.

ARRANGEMENT OF PASSENGER TRAINS.
Commencing Sept. 13, 1892.

TRAINS GOING NORTH	
Leave New York at 7:00 a.m.	4:00 and 6:30 p.m.
Leave New York at 1:00 p.m.	7:00 p.m.
Leave New York at 2:30 p.m.	8:30 p.m.
Leave New York at 3:30 p.m.	9:30 p.m.

TRAINS GOING SOUTH

Leave New York at 7:00 a.m.	7:00 p.m.
Leave New York at 1:00 p.m.	8:30 p.m.
Leave New York at 2:30 p.m.	9:30 p.m.
Leave New York at 3:30 p.m.	10:30 p.m.

WHOLESALE GROCERY

F. S. M. & CO.

PROVISION HOUSE
115 Main Street, TOWANDA, PA.

The undersigned, encouraged by the success which has thus far attended the success of their new enterprise, desire to make acknowledgment for the very liberal patronage they have received, by giving their customers the advantage of their years' experience, together with the benefit of their greatly increased facilities for doing business. They keep constantly on hand a very large and complete assortment of everything in their line, and are daily receiving such additions to their stock as the wants of their trade requires. They have now in store, Sugar, Syrup, Molasses, Coffee, Rice, Tobacco, Fish, Salt, Cheese, Fruits, Crackers, Candy, Matches, Brooms, Wrapping Paper and Twine, Flour, Sacks, Seeds, and a great variety of other goods, which have been recently bought at the lowest point in the market, and are offered at wholesale, at rates to correspond. They desire to call especial attention to their large stock of Fine Teas, which they are selling at New York Jobbing prices,—guaranteeing the quality in all cases. Have also on hand a good assortment of Flour, Pork, and Kerosene Oil. They still continue to have the benefit of a resident Partner in New York, who is constantly in the market, and prepared to turn out advantages any favorable changes in the price of goods.

FOX, STEVENS, MCBURD & CO.
May 12, 1892.

PATTERSON & KINNEY,
(Successors to THOMAS J. FOSTER.)
Dealers in
**GROCERIES AND PROVISIONS,
FRUITS, &c.,**
NO. 2, PATTON'S BLOCK,
TOWANDA, PENNA.

GROCERIES AND PROVISIONS

THE UNDERGROUND HAYING

R. E. FATCH

TEAS, COFFEES, SUGARS, STARCH, SALESPIANS, SPICES, &c.

AKRON FLOUR, GRAHAM DO. BREAD, RICE, SUGAR, &c.

STOCK OF TOBACCO, IN QUALITY OF QUANTITY. See our Catalogue, New York Chemical and Druggists' Supply Co. These call and examine our stock.

WOODEN WARE. Large assortment of YANKEE NOTIONS, TOILET ARTICLES, &c. I will pay the highest cash price for all kinds of lumber.

COUNTRY PRODUCE. Farmers, give us a call before selling elsewhere.

C. B. PATCH, TOWANDA, MARCH 12, 1892.

L. AND K. CORNER MAIN AND BRIDGE STREETS, TOWANDA, PA. Dealers in all kinds of GROCERIES, PROVISIONS, FLOUR, FOOD and Meal, WOOD, WILLOW AND STONE WARE.

CLOTHING

ROSENBERG & WOLFF'S

133 Main St., Patton's Block, TOWANDA, NOV. 11, 1892.

Men's, Youths', and Boys' Clothing.

Children's Clothing.

CLOTHING! CLOTHING! CLOTHING! CLOTHING!

Low Prices?

ROSENBERG & WOLFF'S, at the Clothing Register.

CLOTHING

GEORGE V. MYER

Having purchased the Tobacco and Cigar Store, TOBACCO AND CIGAR STORE, 133 Main St., Patton's Block, TOWANDA, NOV. 11, 1892.

CHOICE CIGARS, FINE CUT, FLOO, AND SMOOKING TOBACCO.

FANCY SMOKING TOBACCO, MATCH BAYETS, PIPES, TOBACCO BOXES AND POUCHES, JEWELLERY.

JULES HUGUENIN, JEWELLER & SILVERSMITH, MERCUR'S NEW BLOCK, TOWANDA, PA.

CLOTHING

HUBBARD MOVING MACHINES

Some letters and parts for the same, an important attachment.

SASH, DOORS AND BLINDS! No better quality can be found, and at prices stillable. Terms of sale.

STOVES, IRON AND HARDWARE, METROPOLITAN HARDWARE STORE, Orweld, Pa.

LOOK HERE! There is now an exhibition at the Mammoth Furniture Store, IN TOWANDA, PA. The largest and best stock of FURNITURE! To be found in Northern Pennsylvania, which is being sold at GREATLY REDUCED PRICES!

DR. H. C. PORTER

OLD CASH DRUG STORE, TOWANDA, PA.

DRUGS, MEDICINES, CHEMICALS, BENZINE AND TURPENTINE, KEROSENE OR OIL OIL, LAMP GLASS, WINDOW GLASS, GLASS PAINT, VARNISH, WHITE WASH, And all kinds of Brushes, KEYS, LOCKS, AND MACHINERY, TANNERS' AND MACHINISTS' OILS, POCKET BOOKS, PORTMONAIGS, TOOTH, SINE AND HAIR PREPARATIONS, PURE WINES AND LIQUORS, For Medicinal use, TOBACCO, SNUFF, PIPES AND COIGARS, MEDICINES. All articles warranted as represented. Persons at a distance can receive their orders by stage or mail. We have on hand the best quality of Boots and Shoes.

GREAT BARGAINS IN BOOTS & SHOES

NEW BOOT AND SHOE STORE, 80th and Ward House.

WYOMING FIRE AND LIFE INSURANCE CO.

Capital and Surplus - \$270,000.

WYOMING INSURANCE COMPANY, WALKER, BERK, PA.

WYOMING FIRE INSURANCE CO., WALKER, BERK, PA.

WYOMING LIFE INSURANCE CO., WALKER, BERK, PA.

GREEN HOUSES

THE MOST CONVENIENT PLACE TO GROW

GREEN HOUSES, TOWANDA, PENN.

I have received a large and full assortment of the most beautiful varieties of plants, and in many varieties forms a large proportion of the weight of their inorganic constituents. It neutralizes certain acids which are often present in soils, rendering them useful for vegetation instead of being positively injurious, which they are in their original state. The existence of water in the soil, however, affects the action of lime very considerably. If the land is wet and undrained, lime will not exert the same influence which it would do in the case of thorough drainage. A greater quantity of lime is necessary to produce a given effect, and thus the neglect of thorough drainage entails a considerable greater expenditure in liming, than would have been necessary, if the land was either naturally or artificially dry.—*Centennial Chemistry of Agriculture.*

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GROCERIES AND PROVISIONS

THE GROCERY HOUSE

TEAS, COFFEES, SUGARS, SYRUPS, MOLASSES, FLOUR, FEED, CORN MEAL, KEROSENE, WOODEN AND WILLOW WARE, STONE WARE, &c., &c.

As cheap as the cheapest. We guarantee perfect satisfaction to all who may favor us with a call.

CASH PAID FOR COUNTRY PRODUCE. W. & KINNEY, March 10, 1892-4.

PEOPLE'S GROCERY AND PROVISION STORE.
SOUTH CORNER BRIDGE AND MAIN STREETS.

A new and complete stock of GROCERIES AND PROVISIONS, which will be sold at the lowest possible prices.

TEAS AND COFFEE.
All the old stock of BALL & COFFEE, are now receiving a large and well selected stock of GROCERIES AND PROVISIONS. Which they offer to call buyers at prices that defy competition. We have also a large stock of TEAS AND COFFEE.

GROCERIES AND PROVISIONS, AND COUNTRY PRODUCE.
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CLOTHING

R. W. EDDY

FRESH GOODS, GOLD PRICES!

Consisting of a large and well selected stock of CLOTHING, (No shoddy of any kind) consisting of BUSINESS SUITS, all grades, COATS, VESTS AND PANTS, all Wool, DRESS COATS, PANTS & VESTS, all Wool.

THE TEMPLE OF FASHION!
NEW STORE AND NEW GOODS!

An entire new stock of Clothing, bought at cheap as before the war, to be sold at.

SMALL PROFITS!

The undersigned would respectfully announce to the citizens of Towanda and vicinity that he is now ready to offer them Clothing, such as:

FINE BEAVER OVERCOATS, CHINCHILLAS, PILOTS.

FINEST DRESS AND BUSINESS SUITS, HATS AND CAPS.

Men's and Youths' clothing, which are prepared to do cheaply than any other store in Towanda or any where else.

HONESTY AND INTEGRITY!

All our goods will be warranted for what they are represented to be. Come and examine, and convince yourself. I intend to establish a permanent store in this place, and in order to gain the confidence of producers, will sell at a low price.

A NICE STOCK OF CHROMOS, AND MAGNETS AT THE LOWEST PRICES.

THE BEST FRUIT JARS IN USE.

THE GEM FRUIT JARS, THE BEST IN USE, Wholesale and Retail.

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