

Farmer's Department.

Grinding Feed.

Experimental farmers have long urged the importance, and even necessity, of chopping or grinding hay, as well as other food, for cattle and horses.

Now, the theory of chopping and grinding feed is based on a principle which lies at the foundation of animal physiology.

If a machine was invented to grind hay, the ground article would approximate in value to unground oats, in producing fat and muscle.

Chopping hay and stalks is valuable just in proportion as it approximates to grinding, and relieves the animal of the labor of grinding it.

It is a well known fact that the animal fed on ground or minced food, may perform an amount of labor equal to grinding it fit for digestion, and fat as fast as another which does not labor, but grinds its own food.

CHEAP AND DURABLE WASH.—The following is a most excellent, cheap, and durable wash for wooden fence and buildings.

Take a barrel and slack one bushel of freshly burned lime in it, by covering the lime with boiling water.

After slacked, add cold water enough to bring it to the consistency of good white wash.

To give this a cream color, add one-half a pound of yellow ochre (in powder).

To make the wash a handsome grey stone color, add one-half a pound of French blue, and one-fourth of a pound of Indian red.

For brick or stone, instead of one bushel of lime, use half a bushel of lime and half a bushel of hydraulic cement.

HAY MAKING.—It has been definitely settled that the great object to be sought is the preservation of hay in a condition most nearly resembling the grass in a perfect state.

In order to accomplish this end, grass should be cut when it contains the greatest amount of gluten, sugar and such other matter as are soluble in water.

The process of curing should, if possible, be perfected in the cock. Hay thus made retains more of the color and juices of the grass than when thinly spread over the field exposed to the rays of the burning sun.

It should, if spread, be gathered into win-rows or "foot coks" at night—dew falling upon it when thus scattered, results in more or less injury.

The point after cutting is to preserve it from dew and rain, as these soon wash away the soluble salts, and its keeping qualities are thereby affected, for hay thus deteriorated ferments very readily when stacked.

It will preserve its nutritive properties, for a considerable period of time if left undisturbed, but when submitted to repeated dryings and wettings it is soon butterly ruined.

How to Obtain Early Lima Beans.—We observed recently an excellent mode of starting Lima beans, both for an early crop and avoiding the danger to the young plants from the depredations of insects, &c.

One hundred eight inch pots were placed in a small forcing house, each pot filled with good rich soil, and as many beans planted therein as would form a hill.

In a very few days the plants broke ground, and grew rapidly in the warm, moist atmosphere of the house.

When of a sufficient size, the ground is prepared and the pot emptied of contents, a hole dug, and the mass of earth containing the plants, remaining unbroken, placed in it.

The soil is then filled in around it, and the job is finished—the poles having been put in their places previously.

Another crop of plants can then be obtained by the same process, so that a succession of this excellent vegetable can be had throughout the season.

SAVING GARDEN SEEDS.—The first vegetables, peas or snap beans that appear, save for seed; the first stalk of okra that will show the pod, let it go to seed; the first cucumber, squash or melon, save for seed.

Who can stand it, with all the long year's dearth of delicious morsels, to save the first roasting ear of tomato, that may appear for seed? and yet if we would bring forward the whole crop two or three weeks earlier, it must be done.

Let it be a settled maxim of the gardener—the first and best of everything for seed.

CAUTION TO FARMERS.—The hay which you will have this year will not be as nutritious as if its growth had not been so sudden.

Make allowance for this in your estimate of food for your stock next winter. You will need more food, or less of stock relatively than in some other years.

Miscellaneous.

TOWANDA HARDWARE CUTLERY, IRON AND STOVE STORE.

D. C. HALL, Wholesale and Retail Dealer in Hardware and Stores, Iron and Stoves, Cast, Glass, Paints and Oils.

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Business Cards.

DR. CHAS. M. TURNER, PHYSICIAN, offers his professional services to the public.

JAMES MACFARLANE, ATTORNEY AT LAW, TOWANDA, PA.

H. J. MADILL & P. D. MORROW, MADILL & MORROW ATTORNEYS AND COUNSELLORS AT LAW.

DR. E. H. MASON, PHYSICIAN AND SURGEON, offers his professional services to the people of Towanda and vicinity.

E. B. PARSONS, ATTORNEY AT LAW, TROY, BRADFORD CO., PA.

MCCABE'S CENTRAL MEAT MARKET, Between J. Kingsberg's & J. Powell's stores.

THE subscriber would respectfully tender to his customers and the public generally his sincere thanks for the very liberal patronage.

W. A. CHAMBERLIN, Clock & Watch Repairer.

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Merchandise, &c.

TIGGA POINT AGRICULTURAL WORKS!!

R. M. WELLES & BROOKS, ATHENS, BRADFORD CO., PA.

Manufacturer, Wholesale and Retail Dealers in Emery's Unrivaled Horse Powers, THRESHERS AND SEPARATORS, THRESHERS AND CLEANERS, CIRCULAR AND CROSS-CUT PORTABLE SAW-MILLS, SHINGLE MACHINES, &c.

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DR. PORTER'S OFFICE & DRUG STORE

SOUTH END OF THE WARD HOUSE, Fronting the Public Square.

THE subscriber, thankful for the liberal patronage of the past year, intends to keep constantly on hand a full assortment of the very best articles usually kept in our line.

As we have the largest and most complete assortment of all medicines sold by us, sent gratis and postage prepaid, to all applicants.

Medical Advice gratuitously given at the Office, charging only for the Medicines.

The stock consists of a complete and select assortment of DRUGS, MEDICINES, AND GROCERIES.

Pure Wine & Liquors, for Medicinal use, London Porter & Scotch Ale.

ALL THE MOST POPULAR PATENT MEDICINES.

The most approved Trusses and Abdominal Supporters, Nursing Bottles, Nipple Shells, Breast Pumps, Teeth Rings, Syringes, Catheters, &c.

American, English & Chinese Razors and Knives.

FRESH CAMPHRE & BURNING FLUID—NEW & BEAUTIFUL PATTERNS OF LAMPS!

Superior TOBACCO & SNUFF!—Choice brands of Pure Havana, Principio and Yara CIGARS!

Paints, Oils, Varnishes, Window Glass, Brushes, Perfumery, Shaving Soap, Fancy Articles, &c. &c.

Family Groceries: Black and Green Teas; Rio and Java Coffee; Molasses, Syrup, Sugars, Spices, &c. &c.

REMEMBER THE STORE—SOUTH END OF THE WARD HOUSE.

TOWANDA, FEBRUARY 1, 1855.

H. C. PORTER, M. D.

NEW ARRANGEMENT.

The Mammoth Hardware Store OF CHATFIELD & STORRS.

OWEGO, N. Y.

Is now receiving a large and well selected assortment of Foreign & Domestic Hardware.

Consisting of HOUSE TRIMMINGS, of every description, Carpenters, Cabinet makers, Blacksmiths and Shoe makers' TOOLS.

AGRICULTURAL IMPLEMENTS, Swedes and American Iron, Horse shoe Iron, Nail rods, &c.

In addition we are constantly receiving and keep on hand a full stock of Saddlery Hardware, and Carriage Maker's Goods.

COAL AND WOOD COOK AND PARLOR STOVES.

Parlor and Cook Wood and Coal Stoves, Regulators and Sheet Iron Stoves, Slave Pipe, &c.

NEW ARRANGEMENT PATTON & PAYNE, JUST OPENED.

ON THE CORNER OF BRIDGE AND MAIN STREETS, No. 4, Patton's Block, Towanda, Pa.

THE subscribers would respectfully inform their friends and the public that they have formed a co-partnership in the Drug business, and are now receiving at No. 4, in Patton's New Brick Block, from the cities of Philadelphia and New York, a large and well selected stock of American, French and English

CHEMICALS, DRUGS, MEDICINES, GROCERIES, PAINTS, OILS, WINDOW GLASS, DYE STUFFS, A LARGE ASSORTMENT OF FANCY ARTICLES.

DRESSING COMBS, PERFUMERY, FANCY SOAPS, PORT MONNAIES, &c. SURGICAL INSTRUMENTS, and a variety of the most approved Trusses, Abdominal Supporters, &c., always on hand.

London Porter and Scotch Ale, and Pure Liquors, for Medicinal purposes. ALL THE MOST POPULAR PATENT MEDICINES.



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