

Agricultural Department.

Save the Leaves.

If Bro. Jonathan was as saving of manure as John Bull is, he would be a better farmer. No one knows until he has seen it, how careful English and European farmers and gardeners are of everything which can be converted into manure.

Now, let us repeat what we have often said that few things are more valuable for fertilizing purposes than decayed leaves. They are hardly inferior to barn-yard manure. Gather them up, now, this very month of November, before they are covered by the snow.

A LEAK IN THE STABLE.—Not a leak in the roof, though that would be bad, but in the floor, which is worse, and many leaks too, leaks between every plank? Why not make the floor tight as possible, and have one gutter near the heels of the stock, to carry off the urine into a tank below, or into a heap of muck or other absorbent?

The importance of this economy will appear when we reflect that the liquid voidings of a cow range from nine hundred to twelve hundred gallons a year, according to the age and size of the animal; and of a horse, from eleven to fourteen hundred gallons; which are worth more, pound for pound, than the solid excrements.

As we have often said, the Chinese and Germans, and other European farmers, save this portion of their manure with far greater care than we do. They would as soon let silver slip through holes in their stable floors.

Comforts for Cows.—Now that the cold season is setting in, let the cows, especially the milk-givers, have all needful attention. They should be well housed and well fed.

THE proprietor of the Argus takes occasion in advertising his Bindery to indulge in an unequalled for fine quality of a concern. It is his hope to delude the public, as I have opened a Bindery on my own account, the inference is that if the public bring their binding to me, they are in no danger of being defrauded.

ADVANTAGES OF PULVERIZING THE SOIL.—The effects of pulverization or stirring the soil are numerous:

- 1. It gives free scope to the roots of vegetables; and they become more fibrous in a loose than in a hard soil, by which the mouths or pores become more numerous, and such food as is the soil has a better chance of being sought after and taken up by them.
- 2. It admits the atmospheric air to the spongelike property of soils, by which their humidity is rendered more uniform; and in a hot season it increases the deposit of dew, and admits it to the root.
- 3. It increases the temperature of the soil in the same spring, by admitting the warm air and tepid rain.
- 4. It increases the supply of organic food. The atmosphere contains carbonic acid ammonia and nitric acid, all most powerful fertilizers and solvents. A loose soil attracts and condenses them. Rain and dew, also, contain them. And when the fertilizing gases are carried into the soil by rain water, they are absorbed and retained by the soil, for the use of plants.

By means of pulverization, a portion of the atmospheric air is buried in the soil, and it is supposed that ammonia and nitric acid are formed by the mutual decomposition of this and the moisture of the soil—heat also being evolved by the changes.

Quinces.—Gather and market, or preserve the fruit as it ripens.

Miscellaneous.

Susquehanna Collegiate Institute, TOWANDA, BRADFORD CO., PA.

OLIVER S. DEAN, A. B. Principal, Professor of Ancient Languages, and Mental and Moral Sciences. WM. H. DEAN, A. B. Associate Principal, Professor of Mathematics and Natural Sciences.

Primary, per term, \$5 00 Preparatory, per term, 7 00 Higher, 1st year, per term, 8 00 Higher, 2d year, per term, 8 00

Normal Department.—Special exercises are arranged without extra charge for themselves as Teachers of Common Schools. Prof. C. E. COBURN, the able and well known Superintendent of Common Schools in the county, has kindly consented to organize the Teachers' class, and direct the course to be pursued.

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THE FRIEND OF WOMAN. E. Clark's Revolving Looper



DOUBLE THREADED FAMILY SEWING MACHINE The Revolving Looper is a late improvement on Raymond's Latest Improved.

Warranted the best in the world for Family Use! Price Within the Reach of Every Family. PRICE \$35.

THE reputation of this Machine is now fully established as the most reliable Machine in the market for family use, and has been attested to by thousands of the most respectable families in the Union.

Every Machine makes the celebrated "Double Lock Stitch," the only one made by machinery that meets all the requirements of Family Sewing.

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NEW ATTRACTIONS! At Geo. H. Wood's Gallery, TOWANDA, PA.

PHOTOGRAPHS, Of all sizes, up to life size, either plain or retouched, colored in oil or pastels.

Also, MELANOTYPES and AMBROTYPES, and all other kinds of types. Pictures in good cases for 50 cents, and other sizes and qualities in proportion.

THIS IS THE ESTABLISHMENT where you can find a very fine assortment of WATCHES AND JEWELRY of all descriptions, also a good stock of CLOCKS, ranging from 10 shillings up, and warranted to give good satisfaction or no sale.

THE OLD STAND STILL IN OPERATION! THE subscriber would announce to the public that he has now on hand, and will make to order all kinds of CABINET FURNITURE, such as Sofas, Divans, Lounges, Centre, Card, Dining and Breakfast Tables, Mahogany, Walnut, Maple and

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No. 4, Patton's Block, Towanda, Pa. Have recently added largely to their stock of DRUGS & MEDICINES, CHEMICALS, FAMILY GROCERIES.

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Storrs and Chatfield. OWEGO, N. Y. Are agents for the sale of Wheeler's Patent Railway Chain HORSE POWER.

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Business Cards.

DR. CHAS. M. TURNER, PHYSICIAN

DR. CHAS. M. TURNER, PHYSICIAN. The inhabitants of Towanda and vicinity. Office and residence in the dwelling recently occupied by H. Booth, Esq., one door north of the Episcopal Church, on Main Street.

DR. E. H. MASON, PHYSICIAN AND SURGEON. Offers his professional services to the people of Towanda and vicinity. Office at his residence on Pine street, where he can always be found when not professionally engaged.

DR. G. S. PECK, SURGEON AND MECHANICAL DENTIST. OFFICE: No. 1, Brick Row, over E. F. Fox's store—entrance one door south of Tracy & Moore's.

DR. JOHN MINTOSH. His office is located in Towanda, OFFICE: one door south of Bailey & Seaman's.

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