

FARMERS' COLUMN.



Enslavement.

This French word has, doubtless, become familiar to the majority of reading farmers, without, probably, their having obtained a very distinct idea of the process. Briefly, in the New York Sun, gives a brief but very comprehensive account of the process of ensilage, a portion of which we copy below for the benefit of the readers of the Advocate who are not yet fully enlightened on this new step in agricultural progress.

The word ensilage means, literally, in a pit, or trench, and stands for the system by which corn or any other green fodder is preserved by burial in the ground. It is also used, metaphorically, for the fodder so preserved. That it is a valuable discovery there is now little room to doubt; and its advantages, although they have not yet reached the popular ear—for new discoveries move slowly—believe it to be destined to work a great revolution in agriculture. The inventor of this new mode of preserving green fodder, and thereby carrying the succulence of summer food through the year, is M. Auguste Gouffart, a member of the Central Agricultural Society of France. His work was not brought to perfection until many failures had strewn the way, but his success is now unquestioned, and has won for him the distinction of Chevalier de la Legion d'Honneur.

M. Gouffart was prompted by his experiments with noticing that the cow which gave such excellent milk, and butter of such fine flavor in summer when eating grass, furnished in winter when the same grass is turned into hay, a very different milk, and pale, insipid butter. He observed, also, that store cattle thrive on green pasture, but that the hay from the same field, even when judiciously fed, will not preserve them from frequent deterioration. Even where cattle do well on hay, it is surprising how much better the same fodder, if it could be kept as green, would serve the purpose. The process of making hay, therefore, or of cutting stalks is a process of loss. The fine color and best qualities are exhausted. The special aroma departs. Then, too, there are children rags and driving stones to prevent good hay-making and stalk-curing. It was meditation of these facts, which any one might have considered, that led M. Gouffart on. He claims to have made thousands of experiments, and to have continued them for a period of twenty-five years.

"What is it that M. Gouffart does? He digs trenches or pits in the ground, so protected that water cannot flow or leak into them, and then covers their sides with Portland cement. This silo, or ditch, he finds is best made in an elliptical form, and with vertical walls; it is easier to use in that shape and will prove more durable. It should be made as large as is consistent with economical use, since the keeping qualities of the best pit are not quite so perfect on the sides as elsewhere. Of course the less space there is—the less necessity of packing in contact with the air, or near it—the better.

"In the receptacle we have described, the stalks of corn or other fodder are placed; but not until they are first cut in small pieces by a powerful feed-cutter. The fineness to which I entreat my noise," says M. Gouffart, "at the moment of ensilage, is extremely important in view of good preservation. Cut in disks of only one centimeter thick (about four-tenths of an inch), the maize packs better in the silo; it occupies less space and takes the form and consistency of a species of pulp, leaving in its mass the least possible amount of air. In proportion as the length is increased, the preservation becomes less perfect and finishes by being entirely defective." And here we come to the main consideration of preserving green fodder, viz: the exclusion of air. Formerly this end was not so perfectly attained as it now is, owing to the attempt to mix with the green fodder dry straw which it was supposed would preserve it, as well as to the economy of the operation. M. Gouffart says he has used on occasion, wheat, oat, and rye straw with his ensilage. But the keeping power decreased as the straw increased. "A fifth of a volume, or a tenth in weight, was the maximum of what the maize could carry without being exposed to an early alteration." This is attributed to the fact that the straw takes up too much of the space from the green plants. In fact, dehydration ought not to ensue, because the water is wanted not only for the ensilage itself, but to keep out the air. "The moist condition of the ensilage, instead of being the cause of deterioration, is, on the contrary to a certain extent indispensable to the preservation of the whole matter." And the plan now is to bury the stalks of the plant that is to be preserved, almost without any mixture.

"The silo, when all is ready, should be filled as rapidly as possible, and the layers should be kept level during the process. The greater the compression the greater will be the preservation." The wall should be very smooth, and the utmost care must be taken to have the packing against these done with absolute perfection. In France, a woman walks continually around on the stalks to be compressed, but in this country, a boy or two, well watched and directed, would serve the purpose. When the silo is filled to the top and carefully leveled, spread on the surface short straw four or five centimeters (or about two inches) thick; then place on top of this boards fitting close together. These should be put across the silo in order that when it is being fed out they may be taken off one by one as the silo is cut down vertically. On top of this flooring must be piled a very heavy weight—matter what—of logs, stones, brick, or dirt, so as to secure a continuous density, and the perfect exclusion of air. Dirt is rather objectionable, however, as it is liable to sift through.

We'll Have No Fools in Paradise. A Hindu died; a happy thing to do, when fifty years waited to a shroud. Released, he hopefully for entrance cries before the gates of Brahma's paradise. "Has been through purgatory?" Brahma said. "I have been married!" And he hung his head. "Come in to me in a few weeks, too, my son! Marriage and purgatory are as one." In bliss extreme he entered heaven's door, and knew the bliss he never had known before.

He scarce had entered in the garden fair, Another Hindu asked admission there. "The same question Brahma asked again: 'Has been through purgatory?'" "No, What else?" "This can't not enter," said the God reply. "He who went in was there no more than I." "All that is true, but he has married here, and so on earth has suffered for all sin." "Married?" "Is well, for I've been married twice."

"Blessed!" We'll have no fools in Paradise. MEIN HUSBAND—MEIN FRITZ. A New York Justice of the peace was recalled to a German lesson in that city to marry a couple. Putting a marriage certificate in his pocket, he started for the festive scene. Arrived at the house under the direction of a blue-legged little boy, he pointed out the place, he looked and went in. In the middle of the floor stood a stout German girl, sassy and plump, her blue eyes rolling out in large as butter pats.

"What's the matter?" said the sympathetic judge. "Mister!" said the girl, "dat Outlets went off and wouldn't marry me, ain't it?" The Justice said he supposed it was, and intimated that he had come to marry some one, and requested the old lady to bring on the lambs to the sacrifice. Old lady said "Dare you no lambs—Gottlieb ish run off, and will not marry my Justice."

"Well, said the Justice, 'Gottlieb isn't the only man there is—send for some other man to marry her.'" "Then stand up here!" cried the Justice; and before Fritz could realize his position he and Katarina were man and wife, and Katarina's arms were around his neck, and her lips pressed to his, she crying the while, "Mein husband—mein Fritz!"

Fritz allowed her hand "more as sauer kraut." "Then stand up here!" cried the Justice; and before Fritz could realize his position he and Katarina were man and wife, and Katarina's arms were around his neck, and her lips pressed to his, she crying the while, "Mein husband—mein Fritz!"

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Drugs and Medicines!

The People's Drug & Family Medicine Store.

If you want anything in the Drug line at bottom prices, go to the Old and Reliable Drug Store, in Dr. N. B. Reber's Block, near the Post Office.

A. J. DURLING, Proprietor,

Pure Drugs, Medicines, Chemicals, Perfumery, Soaps, Brushes, Combs, &c.

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A Complete Line of Druggists' Sundries.

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Pure Wines and Liquors of all kinds for Medicinal and Sacramental purposes.

Wall Paper and Borders, a great variety.

Personal attention given to the compounding of Physicians and Family Prescriptions.

ESTABLISHED 1867. A. J. DURLING.

Valentine Schwartz

Respectfully announces to the people of Lehigh and its vicinity, that he has just enlarged his Manufactory by the addition of another story, and that he is now prepared to furnish them with every description of

Household Furniture,

Manufactured from the best Seasoned Material, at Prices fully as low as the same articles can be bought for elsewhere. Here are a few of the inducements offered:

- Parlor Sets at from \$50 to \$60.00
Walnut Marble-top Dressing Case Bedroom
Suits, 3 Pieces, \$40 to \$65.00
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Cane Seated Chairs, per set of Six, \$6.00
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and all other goods equally cheap.

In this connection, I desire to call the attention of the citizens to my ample facilities in the

UNDERTAKING

BUSINESS, with a new and handsome Hearse, and a full line of Caskets and Coffins, I am prepared to attend promptly to all orders in this line, at lowest prices.

Patronage respectfully solicited and the most ample satisfaction guaranteed. V. SCHWARTZ, Oct. 12. BANK Street, LEHIGHTON, PA.

1879. Spring Styles. 1879.

LOWEST PRICES!

The undersigned most respectfully announces to the Ladies of Weissport and the surrounding country, that she has just returned from the Cities, and is now receiving an immense assortment of the latest designs in

Spring Millinery Goods,

Comprising Hats, Bonnets, Notions, Trimmings, &c., &c., all of which she is prepared to dispose of at prices as low as to be perfectly satisfactory. With Hats and Ladies OWN HATS made up on short notice and at very reasonable prices. Call and examine Goods and learn Prices.

Mrs. M. Guth, Fashionable Millinery Store, April 26, 1879. White St., WEISSPORT.

Spring & Summer Opening!

The undersigned announces to the Ladies of Lehigh and vicinity that he is now receiving and opening a large assortment of SPRING & SUMMER GOODS, comprising

LADIES' DRESS GOODS,

such as Matalasses, Delaines, Coburgs, Alpaca, &c. Also, a large stock of

PRINTS and GENERAL DRY GOODS,

which he is offering AT EXTRAORDINARY LOW PRICES FOR CASH.

Groceries and Provisions a Specialty,

at prices to suit the times. Clover, Timothy, Hungarian, and all kinds of Field and Garden Seeds, VERY CHEAP.

TILGHMAN ARNER,

Opposite the L. & S Depot, BANK Street, LEHIGHTON, PENN'A. May 6, 1879.

Important to Builders, &c.

Weissport Planing Mill,

JOHN G. BIERY, Agent.

Is prepared to furnish all kinds of Dressed Lumber, Sash, Doors, Blinds, Shutters, Mouldings, Brackets, Ballusters, Window and Door Frames, Scroll Sawing, Turning, Planing and Rippling done at short notice and at Prices to Suit the Times.

Our Machinery is all New and of Latest Pattern.

Contractors and Carpenters are invited to call for Specifications, which will be cheerfully furnished.

Special attention given to Orders by Mail. Thankful to our patrons and friends for past favors, we ask a share of patronage in the future. Very Respectfully, JOHN G. BIERY, Agent For the Weissport Planing Mill. P. O. box 63.] Jan. 4 '91

The Best and Most Popular Medicine is

Hale's Honey of Horhound & Tar.

It invariably Cures Croup, Colds, Hoarseness, Sore Throat, Asthma, Whooping, and other Affections of the Breathing Organs.

It is nothing more than the irritated lining of the respiratory tract, and the fact that it is so effective is due to the fact that it is so pure and so sweet.

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The property of this Company consists of two silver and mining localities, located in Lake County, Colorado, in the vicinity of Leadville, upon all of which extensive work has been done, and which are estimated to contain immense quantities of silver, gold, and other valuable minerals, good pay streaks, and well developed veins.

Three of the leading mines are well opened and have been in operation for several years. The property is well equipped with all the machinery and tools necessary for the successful prosecution of the business.

The Company proposes to sell a portion of its stock at \$10 per share for the purpose of more completely developing its mines, and for the erection of works for the treatment of its property.

An application for the stock may be made to the office of the Company, at 61 Broadway, New York.

The Mining Record, of New York, the highest of mining authority in this country, has published an article in its issue of the 10th inst. in which it has stated that the property of this company are well working mines who by the use of the best machinery and tools, and by the employment of the most skillful and experienced men, will probably be returned to them within a few years.

Free-press giving full particulars sent free, on application to the Secretary. [Mar. 1879.]

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How Lost, How Restored! A new edition of the celebrated "Manhood" by Dr. J. C. Rensley, M.D., is now published. It is a complete and practical treatise on the various diseases of the male sex, and is the most valuable work of the kind ever published. It is written in a plain and simple language, and is so arranged that every man can understand it. It is a complete and practical treatise on the various diseases of the male sex, and is the most valuable work of the kind ever published.

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