

FARM NOTES.

Don't allow the farm machinery to lie out in the sun and rain. It will pay in dollars and cents to protect them from the elements.

Brains in business rank above the capital invested, and capable men receive large salaries. Farming is a business, and should be conducted on a business basis.

Sheep will find something on almost any field, and will not allow a single young weed to escape. They are valuable as scavengers and a few sheep should be kept on every farm.

The stock raiser constantly finds, says the Indiana Farmer that his grain feed goes further by grinding or crushing than when fed whole. Even though the animal swallows its crushed grain without mastication, the juices of the stomach will enter into it and prepare it for easy assimilation.

The best animal to feed the surplus milk of the dairy to is the pig. He will eat unlimited quantities in all shapes, and get fat upon it, if he is young enough to take kindly to the fat-forming qualities of his rations; but even here there will be waste and loss if the feeding is not done judiciously.

Thousands of bushels of apples go to waste every year which could be dried or evaporated if proper provision could be made for so doing. It may be added, also, that while the market may be well supplied with vinegar it is not always an easy matter to procure good vinegar that has been made from cider.

In the dairy the calf should be taken away from the mother not later than the third day and be given full milk for two weeks; and this may be gradually weakened with skim milk until in two weeks more only the latter is fed it. But Jersey milk seems sometimes too rich for the calf, full strength causing indigestion.

If given the chance, a horse, a cow, or a hog will lick up the ashes in a burnt-over district of forest; something in the ashes satisfies a natural craving of animals. Mixed with charcoal and a little salt, it should be constantly kept near swine. There is, therefore, more than one useful purpose to which wood ashes can be put on the farm.

Sometimes there is more to do than to turn out our cows to pasture in the summer and then milk them twice a day. Unless the pasture is ample it will feed also a little grain. Even with a full pasture this is sometimes advisable. The more succulent food requires more salt, too; and above all things, see that there is pure water in plenty.

Do not ask your cow to give her best results on 10 pounds of grain feed a day when she is capable of eating and assimilating 30. Make a study of her; know all her peculiarities. If she has any whims try as hard to please her as you do your family in the house. Do not count it costing too much labor to keep her from the flies and hot sun in summer.

The farmer in making war on insects should learn to distinguish friends from foes. Many insects are destroyed when engaged in the work of preying on the kinds that damage crops. Birds should also be protected, especially wrens, which will build their nests and sing on the farm if suitable boxes are provided for them with openings too small for the entrance into the boxes of sparrows.

The National Stockman says: Thumps in pigs is caused principally by over-feeding and poor protection from the weather. If taken in hand when first noticed it can, in most cases, be cured. The young pig must be compelled to take exercise, the shute given something to cool the system and clean out the bowels. It is a nice point in feeding to reach the greatest limit of pushing and escape this trouble. We have cured bad cases and had them do well afterwards.

Sheep are not robust animals and a drive of thirty miles on a warm day is altogether too much for them. The effect would be to tire them and develop disease in the lungs, but most especially by the overheating produce congestion of the skin, and by injury to the wool cause the dropping off of it. This, however, is only a temporary trouble, which the sheep will get over in a short time, but it will not save the wool already on the sheep. It will surely cause the loss of lambs at weaning time.

The market price of a cow may be \$40. That represents her average value as a money earner. That is, the average dairyman can make her earn, let us say, \$15 above the cost of labor and food. Another dairyman may take her and by better and more economical feeding, and by keener business insight in selling milk, cream or butter make her pay a profit of \$25. The market value of the cow remains the same, but her earning capacity is largely determined by the man who handles her.

The aim in churning says Hoard's Dairyman, should be to churn at as low a temperature as will bring the butter in a reasonable length of time, and it is an excellent plan to keep a memorandum of the temperature of the cream, the temperature of the room in which the churning is done, together with the length of time of the churning. After such a memorandum has been kept for a while, one will be surprised at its usefulness. And, in fact, unless one is blessed with a phenomenal memory, a memorandum of the dairy operations will be found to be of benefit.

Why does any one advocate that apple orchards should be set to grass? Why are they not cultivated and fertilized just as are orange and lemon orchards? Farmers go to great trouble and expense to plant apple orchards, and willingly cultivate them until they begin to bear, then expect nature to keep them producing bountifully. An apple tree fast exhausts the fruiting properties of the soil, it fruits less abundantly, and starves to death or yields very inferior fruit. Feed it, feed it. Keep the ground stirred to retain the moisture. Grass gives just so many capillary tubes to waste moisture.

Whenever fodder corn has been drilled too thickly in the row, or where the land lacks nitrogenous fertility, the fact will be made plain at every stage of its growth by the light yellow color of the foliage. Whenever light is almost entirely excluded, as at the bottom of the stalks, the color will be nearly white. On the same land, the corn drilled far enough apart to be cultivated will be thick stemmed and of a dark green color. Not only will the amount of fodder be increased by cultivation, but its quality will be enhanced many fold. The era for sowing corn for fodder broadcast and letting it grow what it will has passed.

The Diamond Supply.

English Capitalists Control Almost the Entire Field.

Are the diamond mines of the world inexhaustible? or will the time come when the diamond diggers shall have discovered the last of nature's store of carbon in its allotropic form? Certain scientists argue that nature does not transform decomposed matter into diamonds rapidly enough to keep pace with the miners.

There is a corporation in London which believes these scientists. Most of the diamonds to-day are mined in South Africa. The Englishmen who work the South African fields particularly have a monopoly. With the pooling of their interests competition has stopped. Barney Barnato is reputed to have effected the consolidation; at any rate it exists. The output of the mines is distributed to the world by way of the London corporation. The diamonds are shipped in rough from the Kaffir seaports.

Diamond merchants everywhere know that but a part of the annual output of the mines reaches the trade.

Where is the other part? The answer to that question is in the vaults of the London Company. For stored there are stones in the rough of incalculable value. Millions on millions of pounds are represented by the contents of those four massive steel walls. Not a stone more is put on the market than can be sold at the standard price set by the company. The rest of the output is stored away to await the end of the diamond supply, or a larger demand. The company is capitalized at \$4,000,000, and pays handsome dividends each year despite the reserve tied up in the vaults.

Last year it was estimated that one quarter of the output of the mines was stored away. If the contents of the vaults were put on the market at present diamond would be a drug.—Philadelphia Press.

Spain from a Car Window.

The Country was Dry and Dusty and Seemed Burned to a Cinder.

It was fiery hot. It was noon when we reached the junction of Boadilla, where we turned eastward toward Granada. The carriage seemed a furnace, the air that came through fire to our touch, the air that came through the windows was burning. The country was scorched to a cinder; the mountains glittered in the heat; the shadeless towns quivered in a hot haze like a mirage. We lay back, panting, fanning ourselves with our hats and our guidebooks. We came to baked, dust-driven stations. At each was the same cry of "Water! Water!" from the women who made a living by selling it and the people in the train who were trying to drink it.

To names—Antequera, Loja, San Fernando—that earlier had thrilled us in Murray and Washington Irving we were now indifferent as they were spluttered by the dust choked guard. For hours the horizon was bounded by low mountains, with here and there tiny patches of snow on their upper slopes. But where were the dazzling, glowing snow peaks of the Sierra Nevada, that loom up so magnificently in the romance of Washington Irving, and in the story of every traveler who has been to Granada?

True, through the canebrake, stifling in the torrid air, we had seen two or three low hills crowned with olive groves, planted like a map, and on the top of each something that looked like the ruins of gigantic brick kilns or tumbled down factories. Granada must be near, for we had passed San Fernando, but neither to the right nor to the left could we see the minarets of the Moorish city or the domes of Catholic Spain. Slower and slower went the train, and then it stopped. Every one got out, and we knew it was Granada.

—Elizabeth Robbins Pennell in Century.

Hoke Smith's Successor.

Ex-Governor Francis, of Missouri, Goes Into the Cabinet. The New Secretary of the Interior Will Enter Upon the Discharge of His Duties Tuesday.

Ex-Governor Francis, of Missouri, appointed to succeed Hoke Smith, is still a comparatively young man (45 years old), who has proved his popularity by his election first as Mayor of St. Louis and then as Governor of Missouri. He proved his capacity by filling both offices acceptably. He is wealthy and well educated, a member of the grain brokering firm of D. R. Francis & Bro.

He is tall, well-built, handsome man of light complexion, with red-brown hair and mustache and keen blue eyes. He is a good speaker and a clever talker. He is a society and club man, lives handsomely with his family in St. Louis, and will doubtless entertain in Washington. Nevertheless he is very democratic in his ways and manner.

It is generally known that as late as Saturday Governor Francis was at the Democratic headquarters telling the managers that he was for the Chicago ticket, although he was opposed to the Chicago platform, precisely the position which ex-Secretary Hoke Smith occupied. As a candidate for United States Senator in Missouri Governor Francis could not profitably occupy any other position.

Henry W. Cornell, son of ex-Governor Cornell of New York, and grandson of the founder of Cornell University, a lifelong Republican, makes this announcement: "I am for Bryan and believe my duty as an American citizen is to do all I can to secure his election. I know dozens of other men who, until this year, were Republicans, but are now like me. We no longer recognize the Republican party as representing our principles, and for one I am only too glad to go to work in Bryan's interests."

The prospectors who visited the new oil territory in Gallaher township, Clinton county, on Tuesday are much pleased with the surface indications which were pointed out to them by the practical oil men who accompanied the party. It is asserted that every indication points to the fact that gas may be struck without going to a greater depth than 1800 feet.

If every man votes for McKinley whose wages were raised during the existence of the McKinley act, and everyone votes against him whose wages were lowered, he will not carry a single one of the manufacturing States.

Bryan wears well. His speeches grow in vigor and force as he realizes that the eastern Democracy are with him and that the gold bug defection is a help rather than a hindrance.

Tired women need to have their blood purified and enriched by Hood's Sarsaparilla. It will give them strength and health.

A new and substantial iron bridge is being built across Spring creek at Houserville.

Carnage at Constantinople.

About 2,000 People Killed During the Rioting on Last Wednesday.

CONSTANTINOPLE, August 29.—The latest estimate of the number of persons killed during the rioting on Wednesday is 2,000. The French charge d'affaires here counted 500 bodies which were deposited in one cemetery alone. The powers have sent a joint note to the Sultan protesting against the slaughter which accompanied the disturbances, to which his majesty answered that all possible precautions against the outbreak had been taken and were still being observed with augmented force.

Mr. M. Herbert, secretary of the British embassy, is endeavoring to insure the lives and safety of hundreds of Armenians who are still hiding in various buildings. Reports are coming in frequently of outrages in the suburbs of Constantinople, especially beyond Scutari. Mr. Herbert has chartered the steamer Hungaria to transport any English families who are desirous of leaving and many persons have already boarded her.

The scenes in the harbor are of the liveliest description. Hundreds of persons are flocking to the water front and taking refuge on board foreign ships. Although order in the city has been fairly restored, the situation is such as to cause great anxiety. Troops have arrived from Adrianople and re-inforced the soldiery and police, who are patrolling the streets. The city has become quiet and the shops at Galata are being reopened and business resumed.

The Armenian revolutionary committee have issued another manifesto, in which are embodied twelve demands, the chief of which is that autonomy be granted to the Armenians. After enumerating their demands the manifesto goes on to declare that the Armenians will fight for their rights until the last of them shall have been killed.

In Memoriam.

Resolutions of respect by Epworth League chapter No. 9552, of Unionville, Pa.

WHEREAS, our Father in Heaven has for some good and wise purpose removed, by death, from our midst our friend and brother Elmer Hesse;

Resolved, that this chapter sensibly feels and seriously regrets the unavoidable result as we lose in him a diligent and earnest brother.

Resolved, that this chapter feelingly sympathizes with his mother and brother in their bereavement, trusting that in their loss he may have great and lasting gain.

Resolved, that brother Hesse was an Epworthian noted for actions more than his words, and in his life illustrated that the principles of the League could be more effectively taught and impressed by works and deeds than by much speaking.

Resolved, that these resolutions be printed in the county papers and a copy of them be conveyed to the bereaved mother of our deceased brother.

MRS. R. B. ST-CLAIR, Com. MRS. MARY C. BUCK, J. T. BARTON.

Maryland Biscuit.

Five pints of flour, one scant pint of water, half a pound of lard, and half a teaspoonful of baking soda. Mix the flour and lard together with a knife, as for pie crust, dissolve the soda in the water, and mix with the flour and lard. Turn out onto a pie board and strike 1000 blows with a mallet or potato masher. Turning the dough and putting it together between each hundred strokes. This receipt will make about 50 biscuits, and is the genuine old Maryland receipt so famous in past days.

The wind is blowing over the stubble, the crickets are merrily chirping and the katydids are singing their monotonous song—all indicating that autumn is close at hand.

Business Notice.

Children Cry for Pitcher's Castoria.

When baby was sick, we gave her Castoria, When she was a Child, she cried for Castoria, When she became a Miss, she clung to Castoria, When she had Children, she gave them Castoria.

Castoria.

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FOR INFANTS AND CHILDREN.

MOTHERS.

DO YOU KNOW that Paregoric, Bateman's Drops, Godfrey's Cordial, many so-called Soothing Syrups and most remedies for children are composed of opium or morphine?

DO YOU KNOW that opium and morphine are stupefying narcotic poisons?

DO YOU KNOW that in most countries druggists are not permitted to sell narcotics without labeling them poison?

DO YOU KNOW that Castoria is a purely vegetable preparation, and that a list of its ingredients is published with every bottle.

DO YOU KNOW that Castoria is the prescription of the famous Dr. Samuel Pitcher. That it has been in use for nearly thirty years, and that more Castoria is now sold than of all other remedies for children combined?

DO YOU KNOW that you should not permit any medicine to be given your child unless you or your physician know of what it is composed? DO YOU KNOW that when possessed of this perfect preparation, your children may be kept well, and that you may have unbroken rest?

WELL THESE THINGS are worth knowing. They are facts. 41-34-1m

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Fry your food in Cottolene instead of lard and it will be free from that greasiness and "richness" so dyspeptic; the flavor will be delicious instead of rancid, and your food will do your good. Put in a cold pan, heating it with the pan. Cottolene reaches the cooking point much quicker than lard—care should therefore be taken not to overheat it. Follow these instructions—you will never use lard again.

Genuine Cottolene has trade-marks "Cottolene" and steer's head in cotton plant wreath—on every tin.

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Children's Suits that are POSITIVELY ALL WOOL

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