

FARM NOTES.

—It is not always the man with the biggest herd of cows who clears the most money from his dairy.

—Gilt edged butter is more to be desired on the average customer's plate than any delicacy of the season.

—The dairywoman who churns before "sun up" in the morning often makes firm grained butter without the use of ice.

—The reason some farmers never extract the latent gold in dairy cows is that they persist in looking to the grain and corn fields for it.

—It is a parody on cleanliness to try to strain filth out of milk when it might have been obviated by the exercise of the most ordinary precautions.

—It is a curious fact, and yet true, that some of the most profitable moments any one engaged in dairying can spend are in repeated washing of the hands.

—The bodies of dead animals are converted into fertilizer by some farmers, but something depends upon circumstances as to the advisability of so doing. If an animal dies of some contagious disease and is buried the earthworms will bring to the surface the germs of the disease. This fact was demonstrated by Pasteur, the famous French chemist, who made tests in that direction. Disease was communicated to animals that ate grass which grew over the body of a buried animal. This better plan is to consume the bodies of diseased animals, or subject them to a bath of sulphuric acid after death in order to destroy the germs of disease.

—The following formula will keep cider sweet for an indefinite length of time: Let it ferment until sufficiently acid to suit taste; then bottle in champagne bottles of one quart each, putting one raisin and one clove in each bottle; cork tight, wire securely, keep in a cool cellar, and in three months it will be fit for use. Care must be exercised when opening to let the gas escape gradually or your bottle will be emptied all over the room. It makes a drink superior to champagne and does not make the hair pull after using. More than one raisin put in will burst any bottle made.—Country Gentleman.

—In writing about the care of horses an eminent English army officer has the following to say:

"Regularity of exercise is an important element in the development of the highest powers of the horse. The horse in regular work will suffer less in his legs than another, for he becomes accustomed and thoroughly accustoms himself to what is required of him. The whole living machine accommodates itself to the regular demands on it, the body becomes active and well conditioned, without superfluous fat, and the muscles and tendons gradually develop. Horses in regular work are also nearly exempt from the many accidents which arise from overexertion. As a proof of the value of regular exercise, we need only refer to the stagecoach horse of former days. Many of these animals, though by no means of the best physical frame, would trot with a heavy load behind them for eight hours at the rate of ten miles an hour without turning a hair, and this work they would continue to do for years without even being tired or sore. Few gentlemen can say as much for their carriage horses. No horses, in fact, were in harder condition. On the other hand, if exercise be neglected, even for a few days, in a horse in high condition, he will put on fat. He has been taking daily the large amount of material needed to sustain the consumption caused by his work. If that work cease suddenly, nature will, notwithstanding, continue to supply the new material, and fat, followed by plethora and frequently by disease, will be the speedy consequence."

—A forest may consist of a single species, when it is known as a pure wood, or of different species, when it is known as a mixed wood. Pure woods are seldom found. While they are more easily managed than mixed woods, the dangers are greater, and the practice is seldom available. However, mixed woods of few species are generally more desirable than those of many species.

When different species are grown together, the light conditions demanded by each become of paramount importance. Certain trees demand full exposure to the sun light and will not grow in the shade of other trees. They are known as light-demanding trees altogether.

Light and sunny foliage belong to this class, although there are some exceptions. The birches, pines, honey locust, black locust, black cherry, ash and chestnut belong here. Other species thrive in partial shade and are known as shade bearing trees. Among these are the beech, maple, hemlock and oaks. If, then, light demanding and shade bearing trees are planted together, care must be taken that the former are more rapid growers or else that they are given sufficient start to enable them to keep in the lead.

Thinning becomes one of the most important operations in forestry. Here, again, the light conditions are all important and must be studied carefully. It is well known that a tree which grows in the open field becomes broad, sturdy and vigorous, beautiful to look upon, but useless to the lumberman. In forest management just the reverse of this type is demanded. The boles must be tall and straight and taper as little as possible. To secure this the forest should be thinned but lightly in its earlier years until the trees have attained their principal height. Thinning may then increase in size, making the type of tree most desired. By this method the annual layers of growth will be more uniform and the quality of timber better because the tree grows less rapidly in its earlier years than it would do under normal conditions.

Nature must be made to do her own pruning in forest management, and, like all other pruners, her work will be more effective if done when the branches are small. When trees stand thick in their earlier years, the branches are killed out from want of light while yet small; hence no large knots remain to injure the quality of the timber.

Statistics taken from the Black Forest as to the number of trees per acre growing in forests of different ages show the averages to be about as follows: At 20 years, 4,000 trees per acre; at 40 years, 1,000; at 60 years, 450; at 80 years, 350; at 100 years, 250. The number of trees per acre will need to vary with conditions of soil, climate and altitude, but these figures may give a general idea of the great difference in number between young forests and old forests properly managed.

FOR AND ABOUT WOMEN.

Buy Your Harness at Home.

Buy at home; save money and see what you are getting. Don't buy a cat in a bag nor from pictures; come and see the goods. Low prices on reliable Harness. We fit the harness to the horse. The habit of sending away for your harness wants is not justified, either in the advantage of prices or better quality. All goods are priced, and let the man with the best goods and prices get your orders. We do not expect that you patronize us because we are neighbors and friends, but we would be glad to have you at least call in and give us a fair opportunity to convince you that it is to your best interest to give us your harness business. We want your business, and if we can sell you better harness for less money we think we ought to have it.

We are here to do business and, as we buy for cash, we can supply your harness wants for less money than any other concern in the county—big or small. Come in and let us figure with you on your wants.

Its not assuming too much to say, that having an experience of forty years in the business we are better qualified to know your wants and to manufacture what you want than you are likely to find in seed stores or hardware stores. Is not the local harnessmaker entitled to all of your trade? You never think, when your harness breaks or your collars need repairs, of taking them to feed stores or hardware men. Why not take care of the harnessmaker at home, who is obliged to do your repair work? Practice what you have taught—protect your local dealers.

SPECIAL OFFER.

For the next 60 days we will close out all of our Robes, Blankets and Bells at cost to make room for the biggest line of heavy and light harness we have ever placed before the public.

We carry a fine line of men's working gloves and mittens. Every purchaser of \$5 is entitled to a present of a useful piece of merchandise.

Thirty-two years in business in Bellefonte is a safe guarantee. We are here to stay. Rept. yours,

JAMES SCHOFIELD,
Bellefonte, Pa.

A Second Conference on Agricultural Education.

A very important meeting in the interest of agricultural education was held on Tuesday last (January 21st) at the office of the State Superintendent of Public Instruction, representatives of all the State agricultural organizations, as well as of the Department of Public Instruction, of Agriculture and of Forestry, and of the Pennsylvania State College being present.

This is the second conference of the Allied Agricultural Organizations of the State, the first being held June 4th and 5th, 1900. At that time a program of legislation for the promotion of agricultural education in the Commonwealth was mapped out, which enlisted the farmers of the State in its support to an unprecedented extent, and which secured an overwhelming vote in its favor in the last legislature, but which received the disapproval of the Governor on account of insufficient State revenue.

The conference of Tuesday last was unanimous in its determination to renew this campaign upon an even broader scale, and to insist that the facilities for acquiring an education in agricultural and related subjects in Pennsylvania, instead of being, as now, entirely inadequate to meet the demand and inferior to those of most other States shall be such as this Commonwealth may be proud of.

Resolutions were unanimously adopted favoring liberal appropriations by the next legislature for an agricultural building at the State College, for the correspondence courses in agriculture, for equipment and instruction in Forestry, and for an elementary school of Forestry, for the maintenance of township high schools, and for the prompt publication of reports of the meetings of agricultural organizations.

An Executive Committee, consisting of one member from each of the sixteen organizations represented, was appointed and provision was also made for a legislative committee to take active charge of the campaign. The meeting was earnest and enthusiastic and the reports presented demonstrated that the farmers of the State are behind this movement, and are determined that Pennsylvania shall no longer be in the rear of the column in the march of agricultural progress.

Enemy of the Steel Car.

The greatest enemy of the pressed steel car is corrosion. The sulphur and other minerals from coal eat into the material of the car body rapidly. Dumping in coal, limestone and other rough materials out of the paint and the sulphur begins its work. It has been found advisable to repaint these cars inside and out at least every eighteen months. The painting process has been reduced to the minimum of expense by the spraying process, but the cleaning of the metal is quite expensive, although simplified greatly by the use of the sand blast.

How to prevent the sulphur from damaging the cars is a problem which now confronts the railway officials as well as the manufacturers of the cars.

Railroad to Try Steel Ties.

As soon as the frost is out of the ground the Northern Central railway will take up 1,000 wooden ties at Middletown Ferry and at Goldsboro and replace them with steel ties, now being made by the Pennsylvania Steel company, at Steelton. If the steel ties prove a success, they will, it is said, replace the wooden ties on the Pennsylvania railroad system.

THE SECRET OF LONG LIFE.

Consists in keeping all the main organs of the body in healthy, regular action, and in quickly destroying deadly disease germs. Electric Bitters regulate Stomach, Liver and Kidneys, purify the blood, and give a splendid appetite. They work wonders in curing Kidney Troubles, Female Complaints, Nervous Diseases, Constipation, Dyspepsia, and Malaria. Vigorous health and strength always follow their use. Only 50c. guaranteed by Green's pharmacy.

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47-3

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ARE you interested in your fellow? Are you concerned in the affairs of life? Do you care anything about the great men who have brought about the conditions in which you live, and those who are in power to-day? Do you enjoy wholesome, animated stories that are true to life? Do you care for beauty in any form? Then there is no escape for you; you must join the army who read McClure's regularly.

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NEW ROMANTIC LOVE STORY BY BOTH TARKINGTON, author of "The Gentleman from Indiana" and "Monsieur Beaucaire"; a tale of love thwarted but triumphant of gallant men and beautiful women. It deals with life in Indiana at the time of the Mexican War.

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