

FARM NOTES.

If the cow has to travel over a large surface and take a good deal of time to fill her stomach, the time and energy expended will cause a reduction in the flow of milk.

Do not depend on the straw stack as a source of dry food for the stock. It is too much exposure for the animals to stand in the cold and pick straw. It is cheaper and better to cut the straw and feed it with a mixture of ground grain.

While the Percheron or Clydesdale horse is excellent for drawing large loads, the lighter and smaller animals are more active, and compensate with quicker movement for deficiency in strength, as compared with larger animals.

As the leaves of the tulip and other spring flowering bulbs ripen and die the best practice is to take them up and, after drying them in the shade for a few days, put them in a paper sack and put them away until in the fall.

Over-feeding young stock is very injurious. The animals do not require great quantities and the system needs rest. The digestive organs perform their functions best when the feed is given in moderate and sufficient quantities, but not too often.

It would be better to kill a few of the young pigs at birth than to compel the sow to suckle too many, as lack of milk and the effects of cold weather will cause the weaker ones to die. Large litters are at no time desirable, and especially in winter.

Potato beetles will attack the tomato vines if potatoes are not up and it will be necessary to carefully look over tomato plants every day. Egg plants should be protected with wire gauze, or they will be eaten out almost before the injury may be noticed, as the beetles prefer them even to the potato, feeding on every portion of the plant.

The burdock is a weed that is exterminated with difficulty, as the plant produces a good many seeds and they remain in the soil for years, ready to grow as soon as conditions are favorable. If the plant is cut off below the ground, and a handful of salt thrown on the roots, the plant will soon die, as the root is soft and the salt destroys it.

The ox-eye daisy has become a great pest in some sections of the country. Those who are troubled with this weed should bear in mind that it is propagated by seed and not by the root, and to rid farms of it they have only to mow before the seed is ripe. It may require two seasons to rid a field entirely of the innocuous-looking flower.

Some sheep breeders worry themselves over the reduced price of wool, and abandon sheep as unprofitable, while other farmers and breeders are raising "hol-house" lambs at a profit. One farmer reports having sold \$1200 worth of lambs from 100 ewes, but he used good breeds and got the lambs into the market early. Success depends upon how the work is done.

The following is stated to be a nearly correct rule for measuring corn in cribs: Having leveled the corn in the crib, measure the length, breadth and depth and multiply them together, then deduct from the product one-fifth, and you have the number of bushels in the crib for shelled corn take one-half of this. To be strictly correct, add half a bushel for every 100.

In preparing the manure it should be allowed to heat at some stage of the process, for heating is only the process of decomposition. When the centre shall have become decomposed the heap should be turned over, and the coarser materials of the outside in turn shown to the centre, in order to have every portion of the manure in as fine and available condition as possible.

Harness should never be kept in the stable where manure is constantly generating large quantities of ammonia. The ammonia is rapidly absorbed by the leather and the effect upon the leather is about the same as would result from saturating it with lye. In a few words, ammonia rots leather, and hence keeping harness in the stable is sure to result in its damage to a certain extent.

The hog has been called the farm scavenger, but, nevertheless, the successful breeder is he who relies the least upon this over-estimated characteristic of the animal. Bad water, worse treatment for handling and superabundance of filth are the foundation of all diseases to which hogs are subject, and it is consequently easy to believe that the health of the animal and the quality of the meat must increase in proportion to the cleanliness of the food and surroundings.

Experiments with plant seeds subjected to extreme cold have shown that the power of germination is not destroyed but merely suspended by the cold. By the use of liquid air seeds of barley, oats, squash, cucumbers, peas, sunflower and some other plants were recently kept for 110 hours at a cold of from 183 to 192 degrees centigrade. They were carefully and slowly thawed for 50 hours, and were then planted and sprouted as well as if they had not been frozen.

When the land has been plowed in the fall the farmer sometimes objects to cultivating or cross-plowing the field early in the season because the hard frosts put in an appearance almost before frost leaves the ground. This is in favor of the farmer, if he will give the subject the proper view, as he can destroy the weeds by loosening in the soil, allowing warmth to enter, thus forcing the weeds to germinate, so as to destroy them before the seeding of grain is done. The earlier the weeds can be started the fewer there will be later on if the cultivator is used frequently after the weeds begin to appear.

In old settled countries the purchase of large quantities of commercial (prepared) fertilizers has reached vast proportions. The principal and most valuable are those to which nitrogen, phosphate and potash, in some of their soluble forms, constitute an important proportion. Among these is guano—the excrement and remains of sea birds—accumulated for many generations on arid islands of the ocean. Phosphates are derived from the bones of animals, both fresh and fossil, and from the rocks containing phosphate. Bones contain 33 per cent. of animal matter and 58 per cent. in 100 parts of phosphate, principally phosphate of lime. It is particularly a wheat plant, and is absolutely necessary to the nourishment of both animal and plant life. Nitrogen is also a necessary constituent of animals and plants. The animal matter of bones contains nitrogen.

FOR AND ABOUT WOMEN.

A DAILY THOUGHT.

Although your nature may rebel against making an apology, do your best to overcome such obstinacy, for you will never be sorry for asking pardon when in error.

ABOUT NEW COATS.

New coats have appeared in a number of clever variations. Of the many traveling coats, perhaps the catchiest is the P and O. This may be used also for automobiling, driving and the like. It is a big box affair in three quarter length, with four astoundingly conspicuous jackets on the fronts, which are double-breasted, with bone buttons. There are two buttons on each of the pocket flaps. The broad back of this coat has a button strap belt. So have the novel fell sleeves, the novelty resting in the short strap which points forward from the back seam. One button is so set as to catch it flat. Another button, farther front, serves when it is desired to catch this sleeve in tight at the wrist. This is convenient when it is cold, or when it is excessively dusty. The coat is of the softest, finest tan covert cloth and is tremendously smart.

Another coat, purely a traveling design, is of a dark mixture. It has a tall collar, small revers, and long pockets with snap buttons which proclaim it also very suitable for automobiling. It has a seam down the back, bell sleeves and fastens with bone buttons.

A SWAGGER BOX COAT. Quite the most swagger thing in its class is a 28-inch box coat in tan covert cloth with the latest in collars and the new top dart. This dart extends from the shoulder seam to the bust line and throws the fullness just where it is required, and removing it from where it is not required, not to mention giving the clearest possible form to the lower parts of the fronts. These darts, one on a side, are brought into the shoulder seams exactly in line with the back seams so that they appear to be continuations. These extra back seams, going up to the shoulder, are the remaining feature of the erstwhile ubiquitous corner coat. The collar is new, too, being narrower, an exact reproduction of the over-coat collar. It is faced with oyster velvet. The cloth revers are trig and small, and three buttons on each side serve to fasten the double-breasted coat. It is lined with taffeta, though a good quality of satin is just as good style and warmer for winter.

The coat sleeves are about like a man's and show six rows of stitching three-fourths of an inch apart by way of a finish.

MASCULINE IN DESIGN. A coat on similar lines, so-called masculine in design, is darker and measures 30 inches in length. It also has the velvet-faced collar and four pockets on its generally oiled fronts.

Generally speaking, roominess is the prime feature of the new coats. The whole thing, even those with a number of seams, follow loosely the curves of the figure rather than clinging, and even the big, baggy coats as a rule show the snug coat sleeve.

One of these sleeves shows a seam down the outside. It is stitched twice, one in ordinary seam fashion, and again on the outside about three-fourths of an inch from the seam. Another clever new coat, will in several tailor effects, shows slightly elongated shoulders which not only lap over the sleeve tops but curve around towards the front until smart little pocket flaps have been formed of them.

This is not as funny as it sounds, the tailoring being of the most perfect sort. Five rows of stitching very close together form the effective finish. As for linings these coats show taffeta or satin of the same color. Many of them, especially the long big ones, are not lined at all. All this applies to these coats of covert and kindred genres. The dress coats are not yet in evidence.

FURS. Two important revivals are promised, otter and beaver. These furs are practically everlasting and the idea is to make them into whole garments as well as into the smaller pieces. This is not as funny as it sounds, the tailoring being of the most perfect sort. Five rows of stitching very close together form the effective finish. As for linings these coats show taffeta or satin of the same color. Many of them, especially the long big ones, are not lined at all. All this applies to these coats of covert and kindred genres. The dress coats are not yet in evidence.

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Lovely chinollina is a veritable rage! Parisian designers are going quite mad over its possibilities, and those who concern our raiment are in a fine frenzy. One cannot speak of chinollina as being revived since it is never allowed to drop out of fashion's favor. It is so softly exquisite that, despite its cost and its lack of durability, any woman who finds it becoming (many should not try so wear it) is bound to possess something in chinollina. Better one of the small and dainty pieces that she had now-a-days of fine fur than a big, clumsy piece in some imitation that will look cheap from the first and actually shabby very soon. A chinollina blouse, or a stole with a shawl-shaped cape, will be ideal winter wear. One Parisian dress yet to be shown is of deep blue broadcloth and it is conspicuously trimmed with bands of chinollina. Narrow bands are revived on evening dresses, and fur is always adorable with lace.

WHITE IN HIGH FAVOR. White furs are to be in high favor. Ermine, in all its exquisite purity and with the accentuation of its smart little black-tipped tails, is to be as much liked as ever. The tails give just the smart touch necessary to squirrel, and many an otherwise tame neckpiece of squirrel is made desirable by judicious additions of these tails.

White fox is lovely, either for stole and muff sets, or for facing evening wraps. To go to the other extreme black Alaska fox is smart. The new skins have been pointed with white, which adds zest to this lovely, glossy, flexible pelt.

A housewife who "does her own work" has equipped herself with a big serving tray such as waiters in hotels use. When she is getting a meal ready she sets this upon the kitchen table, and as fast as the dishes for the table are ready she places them upon it—bread, butter, pickles, celery, etc. Then she carries in everything at one trip, thus making "her head save her heels." When the meal is over she "carries out the dead," as they call it in the restaurants, in the same way.

A Two-Pound Potato.

Of Giant Proportion, Originated in South America.

Some time ago a brief report was submitted by United States Consul Haynes, at Rouen, France, dealing with a new potato which was being grown in some parts of Europe, and the matter attracted such widespread attention that he was compelled to make the subject a matter for a subsequent report.

This wild aquatic vegetable was introduced from the banks of the River Mercedes, Uruguay, and distributed in France by Professor Heckel, director of the Colonial Institute of Marseilles. In its original state the tubercle is very bitter, but Doctor Heekel pronounces the results of four years of experiments with it marvelous.

The leaves are small and slender, somewhat like those of the Irish potato and the flowers are abundant, of a pale violet color, and every odorless, the perfume resembling that of jasmine. New stems and tubercles branch off in every direction all the year, and after one planting the plant perpetuates itself from the broken roots left in the soil.

The vegetable proper (that is, the tubercle) weighs from 1 to 2 1/2 pounds, and has a yellowish, wrinkled skin, covered with lentils, which disappear after culture. The pulp, when cooked, has a slight greenish color. At first they had a very bitter taste, but this has been greatly improved.

Planting is done toward the end of March, perfectly in level ground, so as to diminish drainage. The best depth seems to be above three inches. The digging, which is a little more difficult than that of the Irish potato, because the numerous tubercles extend in every direction, begins when cold has arrested the growth of the plant. In the same soil the yield is greatly superior to that of the ordinary potato. The Early Rose in one instance gave 3000 pounds to the acre, the American Marvel 3000 pounds, and the Solanum comersonii 5500 pounds.

The new potato requires humid, fresh, even marshy soil. In dry, sandy, clayey soil the yield has been 25 per cent. less than in moist soil. The absence of sunlight causes a smaller yield, with smaller and inferior tubercles, and ten to fifteen days later ripening.

The foliage, refused by rabbits, is eaten by horses, cattle and sheep. The flowers which make appearance about a month after the plant shows above the soil, continue to be very abundant until the harvest. A rude attempt to extract the perfume has furnished an exquisite, aromatic, very persistent, but faint jasmine odor. The perfume is so strong that when specimens were placed in an artificially heated room to dry, the room was uninhabitable for the fifteen days they were there.

Niagara Falls Excursions. The Pennsylvania Railroad Company has selected the following dates for its popular ten-day excursions to Niagara Falls from Washington and Baltimore: Sept. 9th and 23rd, and Oct. 14th. On these dates the special train will leave Washington at 8:00 A. M., Sunbury 12:58 P. M., Williamsport 2:30 P. M., Lock Haven 3:08 P. M., Renovo 3:55 P. M., Emporium Junction 5:05 P. M., arriving Niagara Falls at 9:35 P. M.

Excursion tickets, good for return passage on any regular train, exclusive of limited express trains, with no time of connection, are on sale at \$10.00 from Washington; 7.80 from Altoona; 7.40 from Tyrone; 6.45 from Bellefonte; 5.10 from Ridgway; \$6.90 from Sunbury and Wilkesbarre; \$5.72 from Williamsport; and at proportionate rates from principal points. A stop-over will be allowed at Buffalo within limit of ticket returning.

The special trains of Pullman cars and day coaches will be run with each excursion running through to Niagara Falls. An extra charge will be made for parlor car seats.

An experienced tourist agent and chaperone will accompany each excursion. For descriptive pamphlet, with a time of connecting trains, and further information apply to nearest ticket agent, or address Geo. W. Boyd, General Passenger Agent, Broad Street Station, Philadelphia.

For the benefit of persons desiring to attend the Union county fair, to be held at Brook Park, near Lewisburg, Pa., Sept. 28th, 29th, 30th, the Penn'a railroad company will sell excursion tickets from Bellefonte, Newberry, East Bloomsburg, Mt. Carmel, and intermediate points, to Brook Park, on September 28th, 29th, and 30th, valid to return on day of issue only, at rate of single fare for the round trip (no less rate than 20 cents).

Special trains will be run on Thursday, September 29th, and Friday, September 30th, as follows: Leave Mifflinburg 12:00 noon, Vicksburg 12:08 p. m., Biehl 12:13 p. m.; arrive at Brook Park 12:18 p. m. Returning, leave Brook Park on September 29th for Coburn, on September 30th for Glen Iron and intermediate stations at 5:45 p. m. Special trains will also be run on Thursday, Friday, September 29th and 30th, between Lewisburg and Brook Park every half hour from 9:30 a. m. to 5:30 p. m.

Reduced One-Way Colonist Rates Via Pennsylvania Railroad to Colorado, Arizona, Mexico, California, and Other Western Points. From September 14th to October 14th, inclusive, the Pennsylvania railroad company will sell one-way Colonist tickets from all points in its territory to Western and Southwestern points at greatly reduced rates, thus affording a specially attractive opportunity to visit the growing and rapidly developing crop-producing sections of the great Western Empire. Detailed information as to rates and times of trains can be had of all Pennsylvania railroad ticket agents.

World's Fair Excursions. Low-rate ten-day excursions via Pennsylvania railroad, September 14th, 21st and 28th, rate, \$15.55 from Bellefonte. Train leaves Bellefonte at 1:05 p. m., connecting with special train from New York arriving at St. Louis 4:15 p. m. next day.

MORE PLAIN TALK.—Mr. F. P. Green makes a few more plain statements. If the food digests properly, impure blood cannot exist, if the blood is pure, there can be no catarrh. Since catarrh is the result of impure blood, and impure blood is the result of a poor digestion, it stands to reason that to effect a cure you must remove the cause. Mr. Green says that if you use Vi-et-na and are not satisfied with results he will return your money. Get a bottle to-day and note the improvement from the very start.

Commuted Fees.

"Blank says that the last time he was married the ceremony cost him only ten cents."

"How was that?"

"Why, he's led so many women to the altar the minister gave him excommunication rates."

FEARFUL ODDS AGAINST HIM.—Bed-ridden, alone and destitute. Such, in brief was the condition of an old soldier by name of J. J. Havens, Versailles, Ohio. For years he was troubled with kidney disease and neither doctors nor medicines gave him relief. As length he tried Electric Bileter. It put him on his feet in short order and now he testifies, "I'm on the road to complete recovery." Best on earth for Liver and Kidney troubles and all forms of Stomach and Bowel Complaints. Only 50c. Guaranteed by Green's druggist.

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New Advertisement. NOTICE. The undersigned, executor of the estate of J. W. Stover, late of the borough of Millheim, deceased, offers for sale his entire stock of general merchandise. Said stock is in good condition and will be sold at a bargain. Call on Mrs. H. T. STOVER, W. F. SMITH, 49-53-2m. Executors.

IF YOU WANT TO SELL standing timber, sawed timber, railroad ties, and caved wood IF YOU WANT TO BUY lumber of any kind worked or in the rough, White Pine, Chestnut or Washington Red Cedar Shingles, or kiln dried Millwork, Doors, Sash, Plastering Lath, Brick, Etc. Go to P. B. CRIDER & SON, Bellefonte, Pa.

MINE EQUIPMENT. CATAWISSA CAR AND FOUNDRY COMPANY, CATAWISSA, COLUMBIA CO., PA. BUILDERS AND MANUFACTURERS OF Bituminous Mine Cars. Every type. Mine Car Wheels. Plain. Solid hub outer. Botted cap outer. Spoke outer. Recess outer. Mine Car Axles. Square, Round, Collared. Car Forgings. Bands, Draw bars, Cleavages, Brake, Latches Chain. Rails and Spikes. Old and New. Iron, Steel and Tank Steel and Iron forged and prepared for any service. We can give you prompt service, good quality, lowest quotations. Distance is not in the way of our LOWEST QUOTATIONS. 48-20 TRY US.

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Larger or smaller amounts in proportion. Any person, male or female engaged in a preferred occupation, including house-keeping, over eighteen years of age of good moral and physical condition may insure under this policy. FREDERICK K. FOSTER, 49-9 Agent, Bellefonte, Pa.

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