

THE DAIRY BREEDS.

The Geneva Experiment Station gives the following results of a series of tests of the leading breeds of milk cows:

The process adopted was to establish as fairly as could be done, the prices for the milk per hundred weight, for the milk solids for cheese making per pound, and for butter fat per pound these figures were placed at \$1.28 per hundred weight for milk, 9 1/2 cents per pound for milk solids, and 26 1/2 cents for butter fat.

On this basis Ayrehire milk was worth as such, during the year, \$87.24 per cow; its solids for cheese making were worth \$81.14; and its butter fat for butter making was worth \$64.47.

The Ayrehire, according to this showing, would be worth more to the milkman than to the cheese maker, and more to the cheese maker than to the butter maker.

The milk of the Guernsey was worth \$68.98, the milk solids were valued at \$75.04 for cheese making, and \$75.18 for butter making. Here the Guernsey is shown to be more valuable to either the butter or cheese maker than to the milkman.

The milk of the Holstein proved to be worth \$101.35 when sold as milk \$87.41 in the hands of the cheese maker and \$70.07 in the hands of the butter maker. The Holstein is, therefore, a better milkman's cow than a cheese maker's, and a better cheese maker's cow than she is a butter maker's cow.

The milk of the Jersey at the price assumed was worth \$64.58; the solids were worth to the cheese maker \$72.37, and its butter fat was valued at \$74.30. The Jersey is, therefore, just the reverse of the Holstein-Friesian. She is at her best in the butter making, and the next most profitable use for her milk is cheese making; it is least profitable to the milkman.

The Shorthorn gave milk worth \$72.50, the solids in the hands of the cheese maker were worth \$80.85; the fat in the hands of the butter maker was worth \$50.03. The figures prove the milk of the Shorthorn is the most profitable for manufacture into cheese, the sale of milk standing second in point of profit, and the butter value coming last.

THE FRUIT MARKETS.

For several successive seasons disappointments have come to the growers of small fruits.

Frosts and drouths have ruined the crop in some localities, while large production, unequal distribution and low prices have been equally discouraging in others.

Soil, location, cultivation and mulching are all important factors in guarding against drouth. Results should be carefully noted.

Over production is practically impossible for many years to come, if distribution can be made more uniform.

The great study should be not only to produce best fruit, but to distribute it that all may have some and none too much.

The great cities are often glutted with inferior fruit, carelessly picked, poorly packed and roughly handled, making reshipment to small towns and cities an impossibility. While this may result in good pay for the transportation companies, it leaves small profits for the commission man and certain loss for the producer.

Growers should understand that it costs just as much to pick, pack, transport and sell per fruit as good; good fruit in a fair market is sure to pay well, while poor fruit in any market is almost certain to return a loss.

The remedy is in giving more care to all the details of production and working for better markets in the smaller towns and cities.

Many good local markets are entirely overlooked in the mad rush of shipments to the larger cities. Near local markets are often best, study them well.

The proper distribution of small fruits will not be complete until special refrigerator cars are placed on all lines from which sales can be made at any point, the same as meats at the present time.

Largest Orchard in the World.

The big orchard is John Y. Stone's. Mr. Stone is a lawyer and has risen to the top of his profession, but it is his orchard that brings him the most fame. It is the largest orchard in the world—120,000 trees on 800 acres of land. The most of these trees are young. Unlike his neighbors, he plants only twelve to fifteen feet apart and the young trees, thrifty and beautiful in shape and size, make a much handsomer show than if set wide apart, and Mr. Stone figures more money in it.

Scattered through the orchard are other fruit trees and grapes, and his blackberry patch covers forty acres. Twelve resident tenants live on the place. There is lots of work and lots of science in apple raising, but there is big money in it. Glenwood has a corner on apples. While all the outside world is talking of bimetalism, apples are the single standard here. I saw apples on evergreen trees, and they told me that the hens lay apples! What worried me was that with this all-bountiful profusion of apples I could only eat two.—A. S. B., in Shenandoah (July) Sentinel.

His Way With Apples.

H. P. Neilson moved here with his family from Trego County, Kansas, two years ago. He has fifty acres well located, and he, with his son, will soon have the place transformed into a fruit farm. Here is his manner of keeping them: He packs them in sawdust; first a layer of sawdust, then a layer of apples three deep, and so on, sawdust and apples until the box is full. Have the box also lined with sawdust on ends and sides. He has kept apples in this way till the last of May; Ben Davis till the first of May. Of course the sawdust should not be wet when used.—The Southwest.

Good Roads.

Good roads sentiment is growing, and one of these days, when other matters are attended to, the movement for better highways will come right to the front.

W. L. Douglas \$3.00 SHOE. BEST IN THE WORLD. A \$5.00 SHOE FOR \$3.00. It is stylish, durable and perfect-fitting, qualities absolutely necessary to make a finished shoe. The cost of manufacturing allows a smaller profit to dealers than any shoe sold at \$3.00. W. L. Douglas \$3.50, \$4.00 and \$5.00 Shoes are the productions of skilled workmen, from the best material possible to put into shoes sold at these prices. The "Belmont" and "Pointed Toe" (shown in cuts) will be the leaders this season, but any other style desired may be obtained from our agents. We use only the best calf, Russia calf (all colors), French Patent calf, French Enamel, Vici Kid, etc., graded to correspond with prices of the shoes. If dealer cannot supply you, write W. L. DOUGLAS, Brockton, Mass. CATALOGUE FREE. JONES & WALTER, Bloomsburg, Pa.

Base Ball Uhat.

Syracuse is to have Sunday base ball next season.

Centerfielder McVey signed a '97 contract with the Philadelphia Athletics on Thursday.

The Pittsburg club has received the signed contracts of third baseman Donnelly and pitcher Tannehill.

The Phillies have a new manager. Joe Quinn, it is said, will be the first Baltimore player to be released. In this event, he will probably find a berth in Louisville.

It is not definitely settled yet who will be the Wilkes-Barre manager next season. There are several who would like to secure the management of the coal barons, as all the games are well attended, and a nice sum was realized by that club last season.

Base ball at Harrisburg is dead for some time to come. It is very peculiar that a city which always turned out large crowds and which manifested so much interest in the games of 1895 could come down to its present condition. Winning the pennant in that year when the club was entirely too strong for all their opponents is probably the cause.

Pitcher Carsey says that he has signed to play with the Philadelphia club another year. It is said that the management wants him to play short-stop. Until the season opens Carsey proposes to attend to his newly-leased grounds for Sunday ball. They are located between Union Hill and Guttenberg, in that part of New Jersey known as West New York. The opening game will be played on April 11 with a National League team, provided President Freedman, of the New York Baseball Club, consents.—New York Sun.

Although the Philadelphia club has not announced the release of Billy Nash, it looks as though the third baseman would leave the Quaker City. A young man named Gillen, who played third base for the Detroit, has been signed by Messrs. Reach and Rogers, and for this reason it is believed that Nash will be allowed to go. He should not have to look far for an engagement, for a man of his ability would be a great help to any team.—New York Evening World. Gillen will have to be a "wonder" to supplant Nash. He may, however, be given a trial at short.

Tired Languid Feeling.

Philadelphia, Pa. Nov. 21, 1896. "I have suffered with a tired and languid feeling and have taken Hood's Sarsaparilla and this trouble has all disappeared. I am now well and hearty and able to do a good day's work. I have taken three bottles of Hood's Sarsaparilla." Wm. B. Conward, 1334 Passyunk Ave.

Hood's Pills cure all liver ills.

What a Dozen is.

The child is taught at school that a dozen means twelve every time, but when a child grows into a man he finds that a dozen is a very elastic term. A baker's dozen is thirteen, and so is a publisher's or a news agent's in many parts of the world. In some sections a dozen of fish means twenty-six, and there are other anomalies of this kind. But to find a dozen indicating anything from two to fifty it is necessary to go to the earth-ware trade.

Here the size and weight of articles decide how many make a dozen, and in jugs, bowls, plates and so on there are two, four, six, eight or more to the dozen. A dozen composed of twelve articles is a very unusual thing in the wholesale pottery trade, and as a result there are few clerkships more difficult to hold than in this line. I tried the work once and failed ignominiously. To have to find the cost of 500 articles at so much a dozen when that dozen may mean anything is a very difficult task until a man gets thoroughly used to it.

A Pittsburg firm will ship \$1000 worth of aluminum to San Francisco, Cal., to be used on an air ship.

Dogs and Feminine Affection.

Edward W. Bok writes of "Dogs and Feminine Affection" in the Ladies Home Journal and points out the dangers of caressing a dog, however well cared for it may be. "The most eminent physicians," he asserts, "have conclusively shown that the practice of allowing the body of a dog to come into close contact with the human body is fraught with the greatest physical evils. The cleanest dog in the world is not without this objection. It cannot be. A dog's nose should never be allowed to touch any part of the human skin. The most casual observance of a dog's habits will show the reasons for this. In fact, from whatever standpoint one chooses to look at the matter—from that of cleanliness, health or bodily danger—the practice of petting dogs with close embraces of any sort is a positive wrong. Women cannot be too careful about this, either as the practice affects themselves or, if they are mothers, their children. We can be fond of our dogs—many of them deserve human affection—but we should bestow this fondness upon them with a little careful regard for common sense. One point, of all others, cannot be too carefully regarded—the face should never be brought into close contact with a dog. A sense of cleanliness alone should forbid this, even if positive danger did not lurk in the practice."

Dr. Shields, an eminent physician of Tennessee, says: "I regard Ayer's Sarsaparilla as the best blood-medicine on earth, and I know of many wonderful cures effected by its use." Physicians all over the land have made similar statements.

What Becomes of Sunken Ships?

What becomes of the ship that sinks in midocean? If it is of wood, it takes, in the first place, considerable time for it to reach the bottom. In 100 or more fathoms of water a quarter of an hour will elapse before the ship touches bottom. It sinks slowly, and when the bottom is reached it falls gently into the soft oozy bed with no crash or breaking. Of course, if it is laden with pignon or corresponding substance, or if it is an iron ship, it sinks rapidly and sometimes strikes the bottom with such force as to smash in pieces. Once sunken, a ship becomes the prey of the countless inhabitants of the ocean. They swarm over and through the great boat and make it their home. Besides this, they cover every inch of the boat with a thick layer of lime. This takes time, of course, and when one generation dies another continues the work until finally the ship is so laden with heavy incrustations, corals, sponges and barnacles that, if wood, the creaking timbers fall apart and slowly but surely are absorbed in the waste at the sea bottom. Iron vessels are demolished more quickly than those of wood, which may last for centuries. The only metals that withstand the chemical action of the waves are gold and platinum, and glass also seems unaffected. No matter how long gold may be hidden in the ocean, it will always be gold when recovered, and this fact explains the many romantic and adventurous searches after hidden submarine treasures lost in shipwrecks.—Universalist.

"There's a difference between the actor and the ball player," says the Manayunk Philosopher. "The actor makes a home run after failing to make a hit."

AUDITOR'S NOTICE.

Estate of Sarah C. Reeder, deceased. Notice is hereby given that the undersigned auditor, appointed by the Orphans' Court of Columbia County, to make distribution of the funds in the hands of the executor of the estate of Sarah C. Reeder, deceased, will sit at the office of H. Frank Zarr, in the town of Bloomsburg, Pa., on Thursday, the 28th day of January, 1897, at 10 o'clock a. m., when and where all parties having claims against said estate must appear and present the same or be debarred from coming in on said fund. W. A. EVERT, Auditor.

SUBSCRIBE FOR THE COLUMBIAN

ORPHANS' COURT SALE OF VALUABLE REAL ESTATE.

In pursuance of an order of the Orphans' Court of Columbia county, Penna., the undersigned executor of the last will and testament of George Bower, late of Briar creek township in said county deceased, will sell at public sale on the premises, on

THURSDAY, JANUARY 28, 1897, at two o'clock in the afternoon of said day, the following described real estate, to-wit:

No. 1. A tract of land situate in Briar creek township, Columbia county, Pa., adjoining land of David Klauer, David Shaffer, James Evans and others, containing

30 ACRES AND 14 PERCHES.

No. 2. All the right, title and interest of the said decedent in the undivided one-half of a tract of land situate in said Briar creek township, in said county, adjoining lands of William Yobe, William Gorton, Henry Martz, Ephraim Evans and others, containing

EIGHTEEN ACRES, more or less; whereon are erected a

FRAME DWELLING HOUSE, barn and outbuildings.

No. 3. All the right, title and interest of the said decedent in the undivided one-half of a tract of land situate in said township of Briar creek in said county, adjoining lands of William Evans, James Lemons, John Pester and John Doak, containing

TWENTY ACRES, more or less.

TERMS OF SALE:—Ten per cent. of the purchase money to be paid at the striking down of the property, fifteen per cent. at the confirmation of sale, and the remaining three-fourths in one year from said sale, together with interest thereon from confirmation nisi. Purchaser to pay for deed. Purchaser will be required to give bond with good and approved security for the faithful payment of the purchase money according to the above conditions.

JAMES BOWER, Executor. Zarr & Freeze, Attorneys. 18-31-96.

TRUSTEE'S SALE OF VALUABLE REAL ESTATE.

By virtue of an order of the Orphans' Court of Columbia county, the undersigned trustee, appointed to make sale of the real estate of A. K. Smith, deceased, after proceedings in partition had in said estate, will expose at public sale on the premises at Jerseytown, Madison township, said county of Columbia, on

SATURDAY, JANUARY 9, 1897, at one o'clock p. m., the following described real estate, being a house and lot of ground situated at Jerseytown, said township of Madison, bounded on the north by public road leading from Buckhorn to Muncy, on the east by said public road and lot of Uriah Welliver, on the south by lot of Emery Welliver, Mrs. Chas. Fruit and D. R. Johnson's estate, and on the west by public road leading from Jerseytown to Washingtonville, whereon are erected a

TWO AND ONE-HALF STORY HOTEL, barn and other out-buildings, and is supplied with good spring water, and has been licensed as a HOTEL FOR MORE THAN FORTY YEARS.

Possession will be given February 1st, 1897.

TERMS OF SALE:—Ten per cent. of one-fourth of the purchase money shall be paid at the striking down of the property; the one-fourth less the ten per cent. at the confirmation absolute; and the remaining three-fourths in one year after confirmation nisi, with interest from that date.

JOHN B. CASEY, Trustee. 1031 Buckingham, atty. 12-10-96.

PARTITION NOTICE.

In the matter of the partition of the estate of Catharine Barton, deceased. To Thomas J. Barton, John, intermarried with H. W. McReynolds, Emma, late intermarried with John Moore, deceased; Anna, intermarried with Thomas Webb, all of the town of Bloomsburg, Columbia county, Pa.; Catherine, intermarried with Alfred Aie of Columbia City, of the state of Indiana.

You are hereby notified that in pursuance of an order of Orphans' Court of Columbia county a writ of partition has issued from said court to the effect of said court, returning the first Monday of February, A. D. 1897, and that the great will used for the purpose of making partition of the real estate of said decedent on Monday the 25th day of January, A. D. 1897, between the hours of 9 a. m. and 4 p. m., on the premises of Catharine Barton, deceased, in the town of Bloomsburg, Columbia county, Pa., at which time and place you can attend if you see proper.

J. E. McHENRY, Vanderstee, atty. 12-31-96.

AUDITOR'S NOTICE.

In the Orphans' Court of Columbia county, Pa., Estate of Stott E. Colby, late of said county, decd. The undersigned auditor appointed by said Court to make distribution of the balance remaining in the hands of A. J. Colley, administrator of the said estate, hereby gives notice that he will meet all parties interested for the purpose of his appointment, at his office in Bloomsburg, Pa., on Monday, the 25th day of January, A. D. 1897, at 10 o'clock a. m., when and where said parties are required to present their claims or be debarred from participating in the distribution of said fund. A. N. YOST, Auditor.

ADMINISTRATOR'S NOTICE.

Estate of E. J. Cole, late of Jackson town, decd. Notice is hereby given that letters of administration on the estate of E. J. Cole, late of Jackson township, deceased, have been granted to the undersigned administrator, to whom all persons indebted to said estate are requested to make payments, and those having claims or demands will make known the same without delay. C. W. MILLER, Administrator. D. J. FOUST, Atty. 12-31-96.

ELECTION NOTICE.

The annual meeting of the policy holders of the Bloomsburg Farmers' Mutual Insurance Company of Linn Ridge, Pa., will be held at the hall, Centre George, No. 56 P. O., on January 11, 1897, between the hours of 10 a. m. and 3 p. m., for the election of a new directory to serve for the ensuing year, and for the transaction of such other business as may properly come before the meeting. H. H. BROWN, Secretary.

ELECTION NOTICE.

There will be an election of a Board of Directors of the Bloomsburg Banking Company at the banking house in Bloomsburg, on Tuesday, January 12th, 1897, between the hours of two and four o'clock in the afternoon, to serve for the ensuing year.

ELECTION NOTICE.

The annual election by the stockholders of the Farmers' National Bank of Bloomsburg, Pa., to choose a Board of Directors for the ensuing year, will be held at the bank on Tuesday, January 12th, 1897, between the hours of two and four o'clock in the afternoon.

EXCHANGE HOTEL.

G. SNYDER, Proprietor, (Opposite the Court House) BLOOMSBURG, PA. Large and convenient sample rooms. Bath rooms, hot and cold water, and all modern conveniences.

PROFESSIONAL CARDS.

N. U. FUNK, ATTORNEY-AT-LAW, Mrs. Ent's Building, Court House Alley, BLOOMSBURG, PA.

A. L. FRITZ, ATTORNEY-AT-LAW, Post Office Building, 2nd floor, BLOOMSBURG, PA.

C. W. MILLER, ATTORNEY-AT-LAW, Wirt's Building, 2nd floor, BLOOMSBURG, PA.

JOHN G. FREEZE. JOHN G. HARMAN. FREEZE & HARMAN, ATTORNEYS AND COUNSELLORS AT LAW, BLOOMSBURG, PA. Offices: Centre St., first door below Opera House

GEO. E. ELWELL, ATTORNEY-AT-LAW, Columbian Building, 2nd floor, BLOOMSBURG, PA.

WM. H. MAGILL, ATTORNEY-AT-LAW, BLOOMSBURG, PA. Office in Peacock's building, Market Square.

W. H. SNYDER, ATTORNEY-AT-LAW, Office 2nd floor Mrs. Ent's building, BLOOMSBURG, PA.

ROBERT R. LITTLE, ATTORNEY-AT-LAW, Columbian Building, 2nd floor, BLOOMSBURG, PA.

N. V. WHITE. A. N. YOST. WHITE & YOST, ATTORNEYS-AT-LAW, Wirt Building, Court House Square, BLOOMSBURG, PA.

H. A. MCKILLIP, ATTORNEY-AT-LAW, Columbian Building, 2nd Floor, BLOOMSBURG, PA.

RALPH R. JOHN, ATTORNEY AT LAW, Hartman Building, Market Square, Bloomsburg, Pa.

IKELER & IKELER, ATTORNEY-AT-LAW, Office back of Farmers' National Bank, BLOOMSBURG, PA.

R. RUSH ZARR, ATTORNEY-AT-LAW, Office in Clark's Block, corner of 2nd and Centre Streets, 1-12-'94

W. A. EVERT, ATTORNEY-AT-LAW, BLOOMSBURG, PA. (Office over Alexander & Co. Wirt building.)

EDWARD J. FLYNN, ATTORNEY-AT-LAW, CENTRALIA, PA. Office Liddick building, Locust avenue.

JOHN M. CLARK, ATTORNEY-AT-LAW AND JUDGE OF THE PEACE, Moyer Bros. Building, 2nd floor, BLOOMSBURG, PA.

J. H. MAIZE, ATTORNEY-AT-LAW, INSURANCE AND REAL ESTATE AGENT, Office in Lockard's Building, BLOOMSBURG, PA.

B. FRANK ZARR, ATTORNEY-AT-LAW, Clark's Building, cor. Main and Centre Sts., BLOOMSBURG, Pa. Can be consulted in German.

W. H. RHAWN, ATTORNEY-AT-LAW, Office, corner of Third and Main Streets, CATAWISSA, PA.

DR. J. C. RUTER, PHYSICIAN AND SURGEON, Office, North Market Street, BLOOMSBURG, PA.

J. S. JOHN, M. D., PHYSICIAN AND SURGEON, Office and residence, 410 Main St., 7-30-17 BLOOMSBURG, PA.

SPECIAL ATTENTION TO DISEASES OF CHILDREN

H. BIERMAN, M. D. HOMOEOPATHIC PHYSICIAN AND SURGEON OFFICE HOURS: Office & Residence, 4th St., Until 9 A. M., 1 to 2 and 7 to 8 P. M. BLOOMSBURG, PA.

S. B. ARMENT, M. D. Office and Residence No. 18, West Fifth St. DISEASES OF THE THROAT AND NOSE SPECIALTY OFFICE HOURS: (8 to 10 A. M. BLOOMSBURG 2 to 4 P. M. 7 to 9 P. M. PA.

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CENTRAL HOTEL, B. Stohner, Prop. C. F. Stohner, Assistant. BLOOMSBURG, PA. Large and convenient sample rooms. Hot and cold water, and all modern conveniences. The hotel has been lately refurnished.

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