

AGRICULTURAL.

Farmers will always remain poor so long as they allow others to do their thinking. Slowly work does not pay. See how the work of the plough and hoe is done thoroughly.

In finishing up the cultivation of fields leave the land as level as possible, so it will facilitate the gathering of the crops. The first brood of grubs from the potato beetle have made their appearance, and now is the time to apply Paris green with plaster till it has a greenish appearance.

Mr. E. E. Hyde, of Stafford, Ct., says: My Devon cow Galm made 215 pounds of butter in a trial of 95 days. From a cross with a short-horn I have had a cow which made 191 pounds of butter per week.

To work, to compare and experiment without fixed opinions or prejudices, and with the single object of discovering a portion of the truth, is the only safe way to establish correct principles in agriculture.

Captain Tom Sewell, of Lincoln, Neb., is the possessor of a thoroughbred Jersey heifer, which was calved April 27, 1879, and on the 27th of May, 1880, she dropped her first calf, being one day less than 13 months old.

Mr. Jacob Kremer, of the Mansion House, at Watonsville, has a hog of the Poland China breed that measures six feet two inches from the tip of the nose to the tail, eight feet in girth, and weighs 925 pounds.

W. R. McCready's imported Jersey cow Reception, in seven days (five weeks after being yielded) 191 pounds of unsalted butter. Her feed was one quart of dry meal night and morning, and feed from a dry pasture.

Hog cholera has broken out in a malignant form among the swine in the vicinity of Oconomowoc, Wis. A large number of hogs and pigs in less than three weeks by this epidemic.

Two parts quicklime, three parts soil, and one part coarse refuse salts, used as a top dressing, is said to be destruction to the cut worm. Refuse salt alone, at the rate of 500 pounds to the acre, in the fall will destroy the worm.

Horses hate solitude, and are made savage by being kept alone. Goats ought always to be kept in large stables, because they will face fire, and horses will follow them out, though they would not go by themselves.

The Romance of Crebillon Pere.

By writing plays and being the associate of players Crebillon brought upon himself the grave displeasure of his father. The old greifer of Dijon, descended from long line of innkeepers, had like many of his day, embodied himself by taking the name of his property; and he felt that it was doing small honor to the Crebillon blood to be a writer of plays.

The conversion of bagasse (sugar cane) into paper stock at home is attracting considerable attention in Louisiana, where there are produced 200,000 hogheads of sugar a year, and the cane of each hoghead will yield one ton of paper fiber.

The Chemiker Zeitung says that there is every reason to fear that natural vanilla will be superseded by the artificial product obtained by the oxidation of coniferine, and that consequently certain countries of the Continent will be enriched at the expense of Mauritius and Trinidad.

An alloy of rhodium and lead, lately exhibited before the French Academy of Sciences, has the curious property of exploding on exposure to heat, as in being held before a gas flame. Its composition is one-third rhodium and two thirds lead, fused together in a crucible at a high temperature.

Gelose is the name of the most valuable constituent of the substance known in commerce as China moss. It has the property of absorbing and retaining into itself a colorless and diaphanous jelly five hundred times its weight in water, and is capable of forming ten times as much jelly by weight as the best animal gelatin.

The Commonwealth, of Richmond, Va., publishes the following warning to tobacco users: A man named Weakley died a few days since in Culpeper county, age 105 years. It is supposed his death was hastened by the use of tobacco, to which he was addicted for a period commencing shortly after the conclusion of the Revolutionary war.

The Paris Constitutional has been calculating the average cost of soldiers in the various European countries. The annual cost of each soldier in the English army is \$700. The soldiers of Austria-Hungary cost \$255 each a year. Those of France and Germany \$215 each a year.

The successful farmer does not attempt to do much. He concentrates, and the more he does, the greater are his gains. He does not expect large crops from his lands without liberal manuring. He recognizes the necessity of constant study and watchfulness.

We have often been assured that three pints of liquid daily was as much as a healthy person should drink if he desired to continue in health, but we have seen a laboring man who would drink ten times that amount, even if he had to go a quarter of a mile for every drink.

To make a thorough good keeping butter is not a generally known, or at least a practiced art, but if a few can do it and make a butter that will actually keep a year, and still retain its flavor and aroma unimpaired, it is a convincing proof that, other things being equal, all may do it.

Moderately thick wheels of brass may be cut chemically by drawing a line with a solution of mercury in nitric acid.

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In agriculture, as in everything else, absolute doctrines are unfortunate. However specious the arguments for their defense may be, however plausible and positive their advocates may appear, they must be distrusted, especially if they lead to the contradiction of facts which have been settled by the experience of ages.

Fiial Piety.

A belief exists among the Chinese that if a father or mother be seriously ill, the most effective way of curing them is for one of their own children to cut a piece of flesh out of his own arm or leg and administer a broth made of the flesh in question to the suffering parent. This is at times done, but with sufficient rarity to insure, as a rule, the matter being reported to the throne for some mark of the Emperor's approval.

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The Dragon Fly.

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Weather Wisdom.

"Gentlemen," said the President, "I am not a meteorologist, but I have seen that the barometer of the weather is a very good barometer of the human mind."

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Trap Shooting.

The four days sport at the Pastime Gun Club's ground, Bellevue Station, Pa., closed on Friday with two interesting contests, one each at ball and pigeon shooting. The attendance was good, and the result for several of the prizes was quite exciting.

PASTIME GUN CLUB GAMES, Bellevue Station, Pa., August 12, 1888. Ball shooting: 5 balls each, 15 yards rise, smoke target balls; 1st prize, 500 U. M. C. shells; 2d prize, 25 pounds of shot and 25 pounds of powder; 3d prize, one year's subscription to Forest and Stream; 4th prize, 50 pounds of Hazard powder.

Second match—Pigeon shooting. Prizes, 150 pounds powder to first; 500 U. M. C. cartridges to second; 25 pounds shot and 25 pounds of powder to third, and Rocky Mountain hawk to fourth. Conditions—Five birds each by Rhode Island rules.

The Pacific League, of San Francisco, Cal., is about to run its course. An early disbandment is expected. Devila is considered by the San Francisco press to be the most skillful pitcher that has ever appeared in that city.

MeVey, of the defunct Bay City Club of San Francisco, has decided, it is said, to give up playing ball and turn his attention to farming. Jim White has not been as yet of much benefit to the Cincinnati nine. He had three errors at right field in a recent game against the Boston.

Murnan has retired from the management of the Natick (Mass.) Club, and he thinks seriously of leaving the profession altogether. Flint, of the Chicago, has been taken from behind the bat, owing to sore hands, and placed in right field. Williams has been filling the position.

William, the crack first baseman of the Worcester nine, did not accompany the club on its Western tour, having been sent to the city hospital in Worcester. Bielaski, formerly of the Chicago, and one of the prominent members of the Capitol City Club, of Washington, D. C., has permanently retired from the profession.

The return game between the Young America and Riverton Clubs, played at Stenton, resulted in another victory for the Young America by a score of 15 to 0. The Dubuque (Iowa) Club has disbanded. Eden has gone to Indianapolis; Kent and O'Connor have signed with the Topeka (Kansas) nine, and Troy and Callahan have gone to New York.

The Lone Stars, of New Orleans, struck Cincinnati recently a financial wreck. A benefit game was afterward arranged for them, and enough money was secured to send them home. About a player who received his education in Philadelphia, and who has filled the pitcher's position quite prominently for a number of years, is now pitching for a nine in Binghamton, N. Y.

The Worcester Club will be in the League next year. Richmond, who started out as the phenomenal pitcher, but who has gloriously failed, is undecided whether to play any longer this season. The Worcester nine on their way to Cleveland stopped at Akron, Ohio, and shut out the Akron players by a score of 15 to 0. Stovey's home run, Irwin's drive for three bags, and two-base hit by Irwin, Bennett, Creamer and Wood being among the twenty safe hits made by the Worcester.

Manager Cammeyer, of the Union Grounds, Brooklyn, is organizing a picked team of professionals to represent Brooklyn during the remainder of the season. The nine will be known as the Union of Brooklyn, and arrangements are being made for a series of matches. Gifford, late manager of the Nationals of Washington, on his retirement was presented by the players with a handsome testimonial in which they expressed their hearty appreciation of his services as a manager, and recorded their esteem and affection for him as a thorough gentleman in private life.

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