

THE FARM.

RELATIVE COST OF CROPS

Any crop that leaves the soil in good condition will cost less than one which apparently pays better but which largely draws upon the soil for plant food.

It is so purely drudgery that there can be no improvement? Certainly not; in hardly any other occupation of man is there such a broad field for the application of scientific knowledge, such great opportunities for constant and important improvements, and it is upon his ability to make these improvements his own, that the farmer's success depends.

EXPERIMENT IN LIQUOR SELLING

The Success of a Municipal Public House Run on New Lines.

The result of a most interesting experiment in the direction of the municipalization of the liquor traffic has just been ascertained after a trial of many months. The experiment has been made by Dr. Lees, secretary of the water department of the Birmingham corporation.

According to the instructions of the corporation, a public-house was opened in September, 1894, at Elan village for the purpose of catering to the wants of several hundred men and their families. The rules of management were decidedly stringent, and the success of the public-house, is, therefore, more important.

ONLY VILLAGE INHABITANTS

are allowed to freely enter the public-house, but strangers may do so with a written order, which is easily obtainable. It will be at once conceded that the municipal public-house was started at a great disadvantage, there being an ordinary establishment, conducted on the usual lines, a few hundred yards off.

THREE TYPES OF FARMERS.

Farmers are divided into three classes: First, those who take up with everything new in grains, vegetables, fruits and machinery without stopping to think or studying the demands of their markets, the possibilities of their soil and peculiarities of the climate.

HIDDEN JEWELRY IN INDIA.

The Hindu's Favorite Method of Escaping the Tax-Gatherer. Never during its existence has India been so rich in jewelry as now. The people are always adding to their stock. Savings from nearly all sources are disposed of in this way, and these savings are being constantly made—often at the expense of clothing, sometimes at the expense of greater necessities of life.

PEARLS OF TRUTH.

What is grief? It is an obscure labyrinth into which God leads man, that he may remember his faults and abjure them, that he may appreciate the calm which virtue gives.—Schaffer.

ARABIAN IDEALS OF BEAUTY.

The perfect woman, according to Arabic ideas, should have: Long—Back, fingers, arms and limbs. Large—Forehead, eyes and lips. Narrow—Eyebrows, nose and feet. Small—Ears, hands and bust. Round—Head, neck, arms, ankles and waist.

COMPLETING THE PROVERB.

Well, it takes all sorts of people to make a world. Yes, and all sorts of people to put up with them.

WHAT IS A CYCLONE?

An Inverted Cone the Centre of Which is as Solid as Steel—its Awful Destructiveness.

The storm at St. Louis by which the damage was done seems to have been a genuine cyclone, and a genuine cyclone is perhaps the most terrible of all natural phenomena. It often takes the shape of a cone inverted, with its base in the sky surrounded by clouds of intense blackness and with its apex elongated into a column of condensed air as black as the cloud from which it depends.

Such descriptions, given by close observers, leave no doubt of the electrical character of the cyclone, but they hardly suggest its real possibilities of destructiveness. Those who have studied the subject with the best opportunities for understanding it have concluded that the air at the centre of the swiftly whirling vortex has been solidified by the enormous pressure upon it. They explain the cyclone's UNPARALLELED POWER.

for destructiveness on the theory that instead of being a mere electrical wind-storm it is a column of solid air at the centre of an immense aerial whirlpool, revolving inwardly and full of debris of all kinds sucked up along its course. When this solidified column strikes a frame house it generally reduces it to splinters, as was often the case in the great Marsfield cyclone investigated by Prof. Tyce. It is said that other houses which are not struck at all are often wrecked as if by explosion when the air in them rushes to fill the vacuum created by the vortex in its passage.

It is supposed that in forming and until it begins to disintegrate, the pressure of the entire storm is brought to bear on the air at its centre. If this is a correct theory it is not a metaphor for the fact that the air at the centre is as solid as steel, for it is hardly doubtful that hydrogen and the thinnest gasses would be instantly solidified by even a less pressure. The weight of this compressed air accounts always for the valleys. As for reasons of economy railroad tracks follow the valleys as if by enchantment, the cyclone is the maker of the steel rails. And as every railroad track leads to the towns and cities rarely fails to find a fair field for its work of havoc.

Victoria's Private Room

Queen Victoria's private rooms in Windsor Castle are rather attractive apartments, if one may judge by the enthusiastic descriptions of a young person who was recently permitted to inspect them.

The sitting-room is said to have an air of comfort and coziness, notwithstanding its magnificence. Home needle-work is there in abundance, the greater part of it being of the Princess Christian and her daughters. Here are embroidered tablecloths without end, as well as cushions and book covers.

The silk-brocaded walls are half hidden with pictures. Here is Landseer's "Royal Family at Home," and there Von Angeli's admirable portrait of Princess Beatrice as a bride, while like a picture gallery is the room of the Empress Frederick and Princess Alice, the Empress's Clarence and the young Hessian Princesses are distributed on cabinets and tables. In the centre of the room is the sofa where the Queen sits with a table before her for books and papers.

The carpet is pretty and old-fashioned—a plain dark ground with bunches of light flowers at regular intervals. In the middle of the room are arranged on either side. A rack with a number of newspapers is there too. Anywhere but from no windows are there views of a magnificent—that wonderful outlook on the Home Park—that never-ending line of perspective—the Long Walk!

A GREAT MAP OF THE WORLD.

The idea of constructing a map of the world on a very large scale has long been a favorite one with geographical and other learned and scientific societies both at home and abroad. Some four or five years ago the matter was seriously and energetically discussed at an important international congress which met at Berne. For some time the project was held in abeyance, but has recently been revived with encouraging prospects for its future execution.

THE VICAR'S GOVERNMENT

"Yes. How can I be otherwise? For 'Thou with softest touch transfigurest This toil-worn earth into a heaven of rest."

How could you so far have misjudged me?" he says, reproachfully, referring to the old wound. "What have I done to you, that you should believe me capable of such a thing?"

"It was my one sin," whispers she, nervously. "Is it too bad to be forgiven?" "I wonder what you could do. I wouldn't forgive," replies he tenderly. "now I know you love me."

"I think you needn't have thrown my poor glove out of the window?" she says with childish reproach. "That was very unkind, I think."

"But I don't believe you did love me then." "Well, I did. You broke my heart that day. It will take you a long time to mend it again."

"My own love," says Dorian, "what can I do? I would offer you my mine in exchange, but, you see, you are not many a month ago, so the bargain would do you no good. Let us both make up our minds to heal each other's wounds, and so make restitution."

"Sweet heart, I did you love me." "It was my one sin," says Branscombe, "But I don't believe you did love me then."

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Sash and Door Factory.

Having Completed our New Factory we are now prepared to FILL ALL ORDERS PROMPTLY.

We keep in Stock a large quantity of Sash, Doors, Mouldings, Flooring and the different Kinds of Dressed Lumber for outside sheeting.

Our Stock of DRY LUMBER is very Large so that all orders can be filled.

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DR. KENNEDY & KEGAN... SYPHILIS EMISSIONS STRICTURE CURED... IMPOTENCY VARICOCELE EMISSIONS CURED

DR. KENNEDY & KEGAN... Wood's Phosphodine... AN APE'S STRATEGY FOR A MEAL... A NEW SEARCHLIGHT... UNICYCLE ROLLER SKATE

AGRICULTURE

FEEDING DAIRY CATTLE

"I found some good bands note book the terest to other of correspondents in Ohio with him as it was that he must have possibly because I assist that I shall course no woman caring anything she know."

"If you want to be cream, not of daily milkings, steady disposition of your them as individuals many in the barn make three daily stated times. Keep with your cows as with your most business friends."

"The skillful feed animal work with endeavor to find eating. Right here ers. Like men and glutions among the feeding them or suffering from in milk with a bitter and butter with that does the reverse palate."

"Study of one tion as well as he a large ration. The food she eats gross milk cream or be having a tendency her out of your da where she belongs O otherwise she will stand of profit. I glutions the feeder the rough food the er, allow them all eat. It requires ration is mixed w clover hay is water in cold weather. There is a scient in this case the theory."

"When you are milk don't be afraid comb or to get into about half a first following the cows like their milk not always how you feed. Do not yell like giving his war with the stables, nor to do so. If your her foot back whether as though an intimate friend a year or more all, do so in the conversation or classical opera, it into a shriek and but some are not classical."

"When feeding grain yourself, get out of the present when all have one assigned more than ordinary greedy cows and much as has been use without in self alone to find a study of each very careful with sent of cream or driers and static feeding to up milk. Special winter, since it to procure a water is produced cream, but the shortage in the where it works, get some cows or attendant has keeping one's tary on the well to keep times. One close observati

"Grain is fed of course. A strap passes around the ankle and another over the instep. Considerable practice must surely be required to travel on such a pair of wheels, but think how one could spin along on them! Though Shanks's mare, under ordinary conditions, is an undesirable means of getting anywhere, in this form it is the poetry of locomotion."

A NEW SEARCHLIGHT. A new and powerful searchlight has been invented for the purpose of simplifying searchlight operations on board ship. It is portable, and may be packed in a box when not in use. It can be attached in less than a minute. Its weight is just below 15 pounds, and it can be handled with the greatest ease, or suspended from a chain and operated by the officer on watch. Its peculiar feature is that it does not puzzle the sight of the operator. None of its beams are wasted, and it gives a high degree of concentration of light rays upon the object on which they are directed. The instrument has both automatic and hand food, and the focusing arrangement is very simple. It shows small objects, such as a spar buoy, three-quarters of a mile off, while it makes sails visible three miles away.

Most natures are insolvent; can not satisfy their own wants, have an ambition out of all proportion to their practical force, and so do lean and beg day and night continually.—Emerson.