

AGRICULTURAL NEWS

A DEPARTMENT PREPARED FOR OUR RURAL FRIENDS.

Show We Can Rapidly Improve Our Horses - Keeping Apples and Pears in Winter - To Restore Worn-out Land - The Farm as a Training School.

Protein. In the construction given in agricultural journals regarding the compounding of well-balanced rations for live stock, the word protein frequently occurs. All farmers may not clearly comprehend the meaning of the word. Protein is defined by Prof. Armistay as a name given to an important group of substances, of which washed lean meat or the white of egg may be taken as the type.

Facts About Cows. Cows in milk will consume nearly 50 per cent. more water than the same cows when not giving milk. The New York Experiment Station at Geneva found as an average of several breeds that each cow drank 1,039 pounds of water and consumed 547 pounds more in food per month.

Charcoal for Corn-Fed Hogs. A diet wholly of corn is very hard to digest. If food does not digest in the stomach it must sour, for its temperature is always at 98 degrees, which is extreme heat for a summer's day.

Restoring Worn-out Land. There is a great deal of difference in the character of "exhausted soil." Some is really all that these words imply. It is loose in texture, and roots of crops have no trouble going through it, so long as there is anything for them to get.

French Horse Breeding. On Jan. 1, 1894, the total number of stallions in the National Haras rose to 2,678 head, and was composed in the following manner: Pure-breed English, 155; Arabas, 87; English Arabas, 297; half-bred, 1,806; draft horses, 353.

This gives us some idea of the European horse trade. Here we see horses bought by the thousands, and with our 15,000,000 horses we do not raise them good enough to go into that market.

Worn By The Women

SOME OF THE VERY LATEST IDEAS IN DRESS.

Great Variety of Collarettes on New Gowns - Bodices Must Be Daintily Contrived - Fur Much Used as Trimming - Gray Astrakhan Is Popular.

Keeping Apples in Winter. To have apples and pears keep in good condition in the winter season it is necessary to start with sound fruit. The practice is to leave winter fruit hang on the trees until freezing weather is near at hand.

Weed Seeds in Western Hay. There was a time when Western farms were comparatively clear of weeds, but the slack cultivation given to corn grown by the hundred acres left always some weeds that escaped the horse cultivator.

The Farm as a Training School. It remains true even to-day that the farm is the chief and best school for the training of capable men that exists in this country. It is otherwise in Europe, where one does not find a class corresponding to the independent American farmer.

Seeds and Sheaves. Your home tells the stranger what you are. What kind of a reputation does it give you? The man who works all the week ought not to worry on Sunday. Worry is the hardest kind of work.

Most of hired men have souls, but some employers treat them as if they had not. Nothing pays better in the way of returns than to treat the hired man as if he were a human being.

WORN BY THE WOMEN

SOME OF THE VERY LATEST IDEAS IN DRESS.

Great Variety of Collarettes on New Gowns - Bodices Must Be Daintily Contrived - Fur Much Used as Trimming - Gray Astrakhan Is Popular.

AINING in numbers and variety with every showing of new gowns are the collarettes that top them. From a simple band of ribbon fastening at the back under two little frills to an affair that is almost an entire toilet in itself, there are literally hundreds of intermediate novelties for the embellishment of costume and wear in the shape of bands, pufferies, bows, and fiddledees of all sorts, and all may be called collarettes.



A FRONT SIDE HIGHLY WROUGHT.

up quickly, too, for the bodice now must be daintily contrived, and if some unusual effect is only included in it it is liked all the more.

Now and then a bodice is seen whose ornamentation is so elaborate and so grand a scale that it seems necessary to have its pattern extend on to the skirt below, otherwise the full effect of the design cannot be expressed.



FURRED IN JOINTS.

used to ornament the bodice, but extends over the skirt from waist nearly to hem, the strips meeting and imitating a long, sharp-pointed overskirt.

front only there is produced with the fur for the effect of a double pointed yoke. A band of fur marks the juncture of sleeve puffs and cuffs, and a box of it protects the throat.

The range of prices for the different furs offered in these trimming strips is great, so that everyone should be suited. Nearly all of them are dresy and handsome.



DECORATIONS FROM THE PLEATING FRAME.

less short jackets with velvet or moire sleeves may be made of it, such little double-breasted affairs being always jauntily becoming to any figure that is not too stout.

Women have good reason to raise up their hands and cry, "Long live the plain skirt and fancy waist!" It is a fashion from which can be worked wonders of economy.



AN EIGHT-KNOT BODICE.

pleted by accordion-pleated epaulettes and bands of black mousseline de soie. The plain skirt is pleated in back.

Spanish hats are much worn, even by very staid-looking folks, but the latter type is not at her best with a torredo hat aslant her head, and cocked out of line by a row of brilliant roses or a fold of velvet set next her hair on one side.

Besides this, the picture shows a simple and natty blue serge gown. In it an entirely plain skirt is topped by a blouse waist that fastens at the side, and is ornamented on the left shoulder with three satin knots.

THE proportion of whites has increased and that of colored population has decreased at each census excepting those taken in 1810 and 1890.

CHINESE SUPERSTITION.

An Artist's Experience in Painting an Old Buddhist Priest.

Crowds of people assembled as we arrived at the inn, just before sunset, and among others I spotted the fine head of an old Buddhist priest, says a writer in the Fortnightly Review.

"You will die," cried an old woman at him; "I saw your soul coming out of you and go into the picture. I did, really; I saw it with my own eyes!"

"So did I," cried a hundred other voices in a chorus. By the time the priest had got up they had half convinced him that at least his soul had really gone out of him; but had the soul gone or not, he would go and take the cash for safe-keeping to his home first, and complain and ask for the restitution of his lost property afterward.

"I am going to die," he cried, the moment he saw me; "you have taken away half my soul!" "Certainly I have," said I, sternly. "You did not expect me to give you all that 'cash' for less than half your soul, did you?"

"Oh, no! but I wish it back, as I feel so bad now without it." "All right," said I. "I shall go in the room and destroy the image I did of you; will you then be satisfied?"

Here the other panel, smeared with palette scrapings, was produced, after making pretense at destroying it with a knife, and never in my life have I seen an expression of relief to equal that of the priest. He had not felt half his soul so much going out of him, but he certainly felt it coming back again. He could swear by it. He was now perfectly well again!

This wonderful cure gave us all a very busy evening. All the villagers who had complaints of any sort came to us to be restored to health. A leper who had lost all his fingers wished me to make them grow again; and a pitiful case of a poor child, only a few months old, was brought up, whose mother, while busy stirring boiling water in a big cauldron, had dropped the child in by mistake. He was so badly scalded that I am afraid, though I tried to relieve his pain, the poor child cannot have lived more than a few hours.

Landed Estates in This Country. There are causes that operate against the feasibility of establishing and maintaining for any length of time large landed estates in this country. The conditions here are very different from those existing in England.

HAD A FELLOW FEELING

A Watchman Who for Once A Cabinet Officer.

In spite of the fact that the generally some hundreds of applicants for each office in the gift of an acting administration, occasionally officeholder becomes a willing to the illusion that his ability of such a transcendent nature make him absolutely indisposed to the workings of his particular department, and that if anything happen whereby all the chiefs away by some besom of destruction should become unable to attend their duties, he could carry on affairs of the nation. Such a career, says Kate Field's Washington was an old watchman who kept guard in the Department of the Interior during the Harrison administration.

"No, indeed, John Jones, in the Department of Justice." Of course there was an immediate attack on the Attorney General, such a decision, and the matter to the ears of the department. A investigation was made and the watchman suspended for three months.

CHEMISTRY IN INDIA.

Some Curious Answers Given by a Written Examination. The uncivilized nations are like children in their simplicity and gullibility. Every adult knows what questions a child will ask and the curious explanations they are in the habit of giving. Nothing could be the childlike simplicity of the questions lately given in an examination in chemistry held in an Indian university.

"Sulphur is a smellful gas. Nitro is a remarkably lazy gas and is for nothing. Carbon always exists in a dark room. There is no living in the whole world that does not eat carbon."

"Gas is made by filling a poker with coal and heating it. Chlorine is botheration to the throat. Hydrogen is a colorless, invincible gas and is itself without anybody's help. Nitric acid is used in the preparation of teachers to pour it on their hands."

"Soda is formed by heating coal oil and potash. Caustic soda is used in the manufacture of soda water, and is used in medicine for purgative purposes. Caustic soda is used in a summer drink. Quicklime is made pouring water on slaked lime. We eat this substance (CaO); it has power of digesting food. Lime is used as a kind of gum builders to stick bricks together."

Battle on Stilts. In 1748, when Marshal Saxe was traveling through the Low Countries he came to the town of Namur, in Belgium. Among other things which citizens did in his honor, they got up a battle on stilts. The town was so full of overflows from the rivers on each side of it, and the people, from much of stilts at such times, had become expert with them, and often had battles on holidays.

Reflected Light. Some months ago an English manufacturer made a number of experiments to determine the best method of illuminating his cloth mills. (Gas jet incandescent lamps and arc lights were all tried and found wanting, as they either failed to give light enough, gave too much light, or cast heavy shadows.) Finally, a continental idea was adopted. The walls of a room were painted white and under each of a number of arc lights was suspended a reflector which threw all of the light up to the white ceiling, from which it was reflected to the room below. This system was successful from the outset and has attracted considerable attention among English weavers.—Philadelphia Ledger.