

FARMERS' COLUMN.

Agricultural Notes.

Michigan is puzzled because immigrants pass it by for the Far West when so much good land in old sections is still unoccupied, and for sale at low figures. Only about 7,000,000 of 37,000,000 acres of land in the state are improved.

An excellent remedy for cholera in hens—the cocks never have it—is to give each sick bird one teaspoonful of saturated solution of hyposulphite of soda and put it in a coop on the ground on loose soil or ashes. The salt causes active purging, which removes the poisonous germs from the system. A young chick should have about five drops of the same solution. A saturated solution is one in which no more of the substance will dissolve and some remains at the bottom.

Tomatoes, not many generations ago, were considered poisonous. Last fall there were 42,322,052 cans of tomatoes put up by the canning establishments of the United States.

The largest sheep rancho in the world is the one in Dimmit and Weber counties, Texas, where 300,000 sheep are pastured on 300,000 acres of land.

Mr. Meehan remarks that the Michigan farmer presents the following excellent bit of common sense in regard to the common newspaper cry of, "Spare the Forests;" "Of what use is a forest if you do not utilize it? It produces nothing, and prevents anything else from being produced. Cut it down and turn it into cash, and in its place grow crops that will feed the people and enrich the grower. If timber is wanted, grow it as you would any other crop, and when it is ready to cut put it in market with as little compunction as you would a crop of wheat. Let us look at this question in a practical way, and do away with such sickly sentimentality."

Pure Water for Stock.

The value of pure water for the stock at this season of the year cannot be over-estimated. A number of careful experiments made by M. Dancel and given to the French academy of science go to show that the amount of milk obtained is approximately proportional to the quantity of water drunk, and that the yield of milk can be increased to a considerable extent without deteriorating in value, by inducing milch cows to take an abundant quantity of water. Indeed, M. Dancel maintains that a cow that does not commonly drink as much as twenty-seven quarts of water a day is necessarily a poor milker, while a cow that drinks as much as fifty quarts daily is sure to be an excellent milker. Stagnant water, and that from standing pools and small ponds is always more or less foul in summer time, and even though abundant in quantity and easy of access, has an injurious influence on the flavor of dairy products, often cows seem to prefer such liquid even to clear, running water, but experience abundantly shows that when milch cows have access to such pools a first-class article of butter or cheese cannot be made from the milk which is sometimes found to be absolutely unwholesome.

Why Men Don't Wear Finer Clothes.

The reformers who have been endeavoring for a number of years to induce men to clothe themselves in more picturesque garments have made little headway, evidently because they have overlooked the economic relation between male and female costume. All economists know that there is only a given amount of capital in the world at any given time which can be used by the two sexes as when they call the clothes fund; and that the more of this there is used by one the less there is left for the other. In early times, when men were stronger than women, and made use of their strength in their own interest, they took the greater part of this fund and spent it upon themselves, which accounts for the splendor of male attire among so many primitive races, and for the seclusion in which the women were kept—much lavish expenditure in "shopping" being thus prevented. In our day, on the contrary, the progress made by women in establishing an independent position for themselves is seen in their getting the lion's share of the clothes fund, just as it is elsewhere. For the last two centuries every step in the advance of women in getting their rights has been marked by a corresponding decline in the dress of men, until knee-breeches, slashed doublets, jewelry, wigs and lace have all been discarded, while that share of the fund formerly devoted to these now goes into the dress of women. What reformers ought to advocate is, first of all, the resurrection of woman, her relegation to her old position. This however, involves a general rising by men, for which they show no evidence of being ripe.

How to Drive Flies Out of a Room.

From the British Medical Journal. Observations made by M. Rafford, a member of the Society of Horticulture at Limoges, show that a castor oil plant having been placed in a room infested with flies, they disappear as by enchantment. Wishing to find the cause he soon found under the castor oil plant a number of dead flies, and a large number of bodies had remained clinging to the under surface of the leaves. It was therefore apparent that the leaves of the castor oil plant give out an essential oil, or some toxic principle which possesses very strong insecticide qualities. Castor oil plants are in France very much used as ornamental plants in rooms, as they resist very well variations of atmosphere and temperature. As the castor oil plant is very much grown and cultivated in all the gardens the Journal of Agriculture points out that it would be worth while to try decoctions of the leaves to destroy the green flies and other insects which in summer are so destructive to plants and fruit trees. Any how, M. Rafford's observations merit that trial should be

made of the properties of the castor oil plant both for the destruction of flies in dwellings and of other troublesome insects.

To Dry Sweet Corn.

Having tried putting down sweet corn with salt, and would say to all, do not do it, for when you have washed or cooked it enough to get the salt out there is no goodness in it. I think there is no better way than to take it when just right for eating, first thing in the morning, cut from the cob with a sharp knife, then scrape the cob, being careful not to cut into it at all, or it will spoil the corn by making it taste hard and unpleasant, put on tins and plates in a pretty hot oven, stirring often at first, and as it dries having less fire. By night time is almost dry enough, and by the next day can be put in bags and hung up for winter use. In winter take what is needed for use, wash in two or three waters, put to soak in clean, and when soft enough, cook fifteen minutes in same water, put in cream or milk, and season. It needs to soak four or five hours, or in cold weather can soak all night.

To Prevent Cows From Sucking Themselves.

Seeing so many men asking for means to prevent cows from sucking themselves, I here give my experience in the difficulty; I had two good Jersey cows which had that bad habit, and I tried everything I could hear of to keep them from sucking themselves; but they would fall away in flesh. At last I tried milking them and then thoroughly greasing the teats with good beef-tallow warmed, in the evening; next morning I cleaned the teats with a cloth and milked them, and then again applied the warm tallow. After three applications one of the cows never did the trick again; it took about a week to break the other of the habit. That was three years ago, and I have had no trouble with them.

"Nothing for It."

A farmer came to town last week with sadness spread all over his features. A merchant asked him about his crops. He said he had cut his wheat and it was the best he ever had—it was just prime. His oats were ready to cut, but the yield would evidently be so heavy that he would not have storage for it. They were just "awful." But the merchant wanted to know about the corn, as that was the main crop. "It is just booming—the stalks as big as saplings, and two or three ears are setting on each stalk—so if it goes on in this way corn will be worth nothing." His hay was so heavy it was difficult to cure, and the stacks would nearly cover the meadow. And his potatoes were crowding each other in the hills. "The fact is," he said, "the crops are all large, and will be worth nothing. Don't see how this country is going to stand it. Everything is going to destruction. Bad times, and the farmers may as well quit trying to do anything," and he made his way toward a saloon to see a man.—Des Moines Register.

Feed For Milk.

The following are the conclusions reached at the Iowa Agricultural college. The supply of milk depends essentially upon the rapid growth of new cells in the milk glands. These cells consist largely of proteins. The casein and fat (cheese and butter elements) are formed from the proteins; hence profitable dairying must depend largely upon the amount of proteins contained in the food and made on cheap food. Where rations rich in proteins are fed, such as clover and oil meal, the following results may be noticed:

1. A decided increase in the quantity of the milk and very little shrinkage for a long time.
2. Considerable gain in the solid matter of the milk, as shown by chemical tests, or by the increased butter and cheese production.
3. A gain in the quantity of the milk where foders rich in carbon hydrates and fats are given. The slight increase in quantity and richness of the milk is not due to any direct action these have, but the assistance they afford the proteins in preventing its exoxidation. Animals fed mainly on sugar beets, potatoes or corn will give considerable milk; but it is done at the expense of the proteins of the body, and after a while the animal will suddenly waste away.

In view of these well-established facts, what shall be the economical milk ration for farmers? Calculated upon the basis of the amount of proteins contained in each, and taking corn as the unit of value, when corn is worth fifty cents per hundred pounds, the following articles will, approximately be worth per hundred—

| | | | |
|-----------------|--------|-----------------|--------|
| Corn..... | \$0.50 | Oil meal..... | \$1.45 |
| Oats..... | .60 | Clover hay..... | .80 |
| Barley..... | .55 | Timothy..... | .70 |
| Wheat..... | .65 | Potatoes..... | .10 |
| Wheat bran..... | .70 | | |

This is not absolutely correct, because the barbon hydrates and fats in some of these would materially aid the proteins, and hence would be worth relatively more than above represented.

It is, however, sufficiently correct to show that the cheap foods for milk in Iowa are well-cured clover hay, wheat bran with a little corn meal and oil meal added.

Hints for the Household.

Embroidered jute velours are taking the lead this year for furniture coverings.

Brass pins with round, flat heads, to screw on, are taking the place of stair rods.

To renovate a black chip hat, add to one pint of cold water a teaspoonful of spirits of ammonia; use with a soft brush (a tooth or nail brush will answer the purpose,) and when well cleansed, rinse with cold water and place in the sun to dry. Do not soak or scrub sufficiently to destroy the shape. It will look new.—Country Gentleman.

Spiced plums are delicious. To eight pounds of plums allow four of sugar, one teaspoon each cinnamon and cloves, one small cup of vinegar. Cook until they are thick as jelly.

Homes can be furnished so tastefully and economically nowadays, and there are so many ways of making really elegant little affairs for adorning a room, that there is positively no excuse for their non-appearance, except a distaste for such work which it seems to me is an element foreign to woman's nature.

Polished floors should be rubbed two or three times with linseed oil, and then polished every week with turpentine and beeswax. The oftener the oil is rubbed in to begin with, the darker the boards will be.

Lace spreads and pillow covers when washed may be dipped in very weak cold coffee in place of bluing, and they will thereby receive a beautiful cream shade which is so popular just now. Curtains may be treated in the same way.

Oil cloth may be improved in appearance by rubbing it with a mixture of one-half ounce of beeswax in a saucerful of turpentine. After being applied it must be well rubbed with a dry cloth, otherwise the floor will be quite slippery.

Perry Davis' Pain Killer is an excellent regulator of the stomach and bowels, and should always be kept on hand, especially at this season of the year, when so many suffer from bowel complaints. There is nothing so quick to relieve in attacks of cholera.

The Stearns county fair will be held at St. Cloud Sept. 26 and 27.

SKINNY MEN—Wells' Health Renewer restores health and vigor, cures dyspepsia, impotence. \$1.

Wabashaw county lost \$50,000 in bridges by the late storm.

Wanted man or lady in every town to sell valuable medicines—living, permanent business—Write Home Health Co., Minneapolis, Minn.

Would Burn His Shirt.

Metellus of Macedonia was evidently a sly old fellow, and he used to say "he would burn his shirt if it knew his true intentions." Were he living to-day, he would no doubt burn his shirt, if he could not "catch on" in any other way, for it is well known, the old fellow was a confirmed dyspeptic and longed for a remedy for the chronic derangement of the liver and system. All genuine bear the signature of J. P. Allen, St. Paul, Minn.

A death from diphtheria is reported at Delano, Wright county.

"ROUGH ON RATS"—Clears out rats, mice, fleas, roaches, bed-bugs, ants, vermin, chipmunks. 10c.

Poisoned ice cream made havoc at a church fair in Camden, S. C.

A full feeling after meals, dyspepsia, heartburn and general ill health relieved by Brown's Iron Bitters.

John A. Cole, a noted breeder of short-horns and Polan China swine of Huttisford Wis., has made arrangements with Secretary Judson to hold a public sale of Short Horns and swine during the state fair at Owatonna the first week in September; this is a new feature, and will undoubtedly be a great attraction.

Texas fever has broken out among the cattle at Dodge City, Kans.

"BUCH-PALMA"—Quick complete cure, all annoying Kidney and Urinary Diseases. \$1.

Gen. Hazen, chief of the signal service bureau, is visiting Fort Omaha.

SPARTA, TENN.—Dr. W. B. Cummings says: "I am strongly convinced of the efficacy of Brown's Iron Bitters and recommend them."

We recommend Wise's Axle Grease.

After having used a large number of preparations for Catarrh, I have become satisfied that of them all Ely's Cream Balm gives me the most relief. I can recommend it to any one who may have a Cold in the Head or Hay Fever.—S. B. Lewis, Principal Graded School, Clinton, Wis.

When Talmage preached at Corinth, Ky., recently over 200 rose for prayer.

WELLS' "ROUGH ON CORNS"—15c. Ask for it complete, permanent cure. Corns, warts, bunions.

The presidential party spent Sunday at Wyoming, the highest peak on the Union Pacific.

LEWISVILLE, IND.—Rev. J. S. Cain says: "I used Brown's Iron Bitters for nervous prostration and found it entirely satisfactory."

Lyon's Patent Heel Suffers keep new boots and shoes from running over. Sold by shoe and hardware dealers. 25 cents a pair.

Personal—Men Only. The Voltaic Belt Co., Marshall, Mich., will send Dr. Dye's Celebrated Electro-Voltaic Belts and Electric Appliances on trial for thirty days to men (young or old) who are afflicted with nervous debility, lost vitality and kindred troubles, guaranteeing speedy and complete restoration of health and manly vigor. Address as above. N. B.—No risk is incurred, as thirty days' trial is allowed.

Men's Peptonized Beef Tonic, the only preparation of beef containing its entire nutritious properties. It contains blood-making, tone-generating and life-sustaining properties; invaluable for Indigestion, Dyspepsia, nervous prostration, and all forms of general debility; also, in all enfeebled conditions, whether the result of exhaustion, nervous prostration, overwork, or acute disease, particularly if resulting from pulmonary complaints. CASWELL, HAZEN & CO., Proprietors, New York. Sold by Druggists.

Nervousness, Nervous Debility, Neuralgia, Nervous Shock, St. Vitus Dance, Prostration, and all diseases of the Nervous System, are all permanently and radically cured by Allen's Brain Food, the great botanical remedy. \$1 per box, 6 for \$5. At druggists, or by mail from J. H. Allen, 315 First Avenue, N. Y.

Wise's Axle Grease never gums.

Returns from Kentucky.

LOUISVILLE, Ky., Aug. 14.—Official returns from seventy-nine counties give Knott, Democrat, for governor, 103,397; Morrow, Republican, 56,179. The same counties in 1879 gave Blackburn 95,945; Evans, Republican, 50,894. Knott's majority in seventy-nine counties, 37,218; Blackburn's majority, 35,951. The election, therefore, shows a Democratic gain in votes of 7,452, and a Republican gain of 5,287, or a net Democratic gain of 2,167. Thirty-eight counties yet to hear from voted in 1879 as follows: Blackburn, 29,851; Evans, 20,988; showing a majority for Blackburn of 8,863. If these counties should vote as they did in 1879 Knott's majority will exceed 46,000. It they show the same ratio of increase it will be at least 47,000. This will be nearer the figure.

Milton Holbrook Sanford, the well-known turfman, died recently at Newport, R. I.

YOUNG MEN learn TELEGRAPH here and will give you a situation. Circulars free. VALENTINE BROS., Janesville, Wis.

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From these sources arise three-fourths of the diseases of the human race. These symptoms indicate their existence: Loss of Appetite, Bowels constive, Sick Headache, Fullness after eating, aversion to exertion of body or mind, Erection of food, Irritability of temper, Low spirits, A feeling of having neglected some duty, Blisters, Flatulency at the Heart, Itch before the eyes, highly colored Urine, CONSTIPATION, and demand the use of a remedy that acts directly on the Liver. As a Liver medicine TUTT'S PILLS have no equal. Their action on the Kidneys and Skin is also prompt; removing all impurities through these three "scavengers of the system," producing appetite, sound digestion, regular stools, a clear skin and a vigorous body. TUTT'S PILLS cause no nausea or griping nor interfere with daily work and are a perfect ANTIDOTE TO MALARIA. Sold everywhere, 25c. Office, 41 Murray St., N. Y.

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CATARRH

I have suffered for eight years with Hay Fever, during July, August and September. In July I resorted to Ely's Cream Balm; have been entirely free from the fever ever since. I can recommend it as a cure. EDWARD C. HILLMAN, State Arsenal, Trenton, N. J.

CREAM BALM will, when applied to the finger into the nostrils, be absorbed, effectually clearing the nasal passages of catarrhal mucus, causing healthy secretions. It allays inflammation, protects the mucous membrane of the head from colds; completely relieves the sores and itching of tonsils and throat. Beneficial results are realized by a few applications. A thorough treatment will cure. Unequalled for colds, sore throat, etc. Ask for it. Send for circular. 50 cents a package, by mail or at druggists. ELY BROTHERS, Owego, N. Y.

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NORTHWESTERN MEDICAL COLLEGE, St. Joseph, Mo. FEES LOW. Send for Catalogue.

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Father is Getting Well. "My daughters say: "How much better father is since he used Hop Bitters." "He is getting well after his long suffering from a disease declared incurable" "And we are so glad that we used your Bitters." A LADY of Utica, N. Y.

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JOHN L. THOMPSON, SONS & CO., Troy, N. Y.

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