

FARM NOTES

IN AND IN BREEDING.—Judicious in and in breeding, says The Southern Live Stock Journal, does not run the stock out. The most perfectly developed and conspicuously valuable cattle in the world are those that have been skillfully and intelligently bred for generations with no intermixture of foreign blood. In and in breeding, to attain a high degree of success, requires the liberal use of brains interwoven with more than average judgment. Most of the ills that are predicted by agricultural writers for stock bred in and in are more imaginary than real.

The general principles of heredity and the laws of breeding are subjects of special interests to stockmen, and ought to be studied more carefully and extensively. The only way we may hope to intensify and perpetuate a desired quality with reasonable assurance of success is by means of in and in breeding. All our prominent and most useful and valuable breeds of domestic live stock and poultry were molded in this way, and it is the only way to create new breeds that will transmit their personal characteristics and excellences to their offspring with fidelity.

FOOT ROT IN SHEEP.—As soon as lameness is perceived the animal should be examined. All loose and diseased horn must be cut away with a sharp knife, and any excessive growth of horn may be able to escape. Many remedies are recommended with which to wash the diseased parts. One method is to wash the feet clean after the diseased parts have been cut away with carbolic soap and warm water twice per week, and after each washing apply the following mixture: Oxide of copper, four ounces; arsenic, one-half ounce; acetic acid, three ounces, and honey, eight ounces. This mixture can be applied with a little lint or tow.

TO KEEP CHINCH BUGS FROM A CORN FIELD.—A great many remedies and preventives against chinch bugs have been suggested and published from time to time, the most of them emanating from good authorities, but very generally so difficult and impracticable in their application as to be of little general use. In their migration from one field to another, at the time they first appear on the side of a field of corn and before they have entered it, cut five or six rows of the corn and clear the ground, then plow a strip of land eight or ten feet wide, leaving a deep furrow in the center of the strip, with the perpendicular side of the furrow toward the field to be protected. Into this the bugs will fall, where straw may be thrown on them and burned. Or the furrow may be covered with some of the stalks that have been cut while they were green, by laying them across it, when the bugs will crawl under them into the furrow and remain there in the shade long enough for the stalks to dry and be burned.

THE DEMAND FOR LARGER HORSES.—Only a few years ago 1,200 to 1,400 pounds was thought to be a big horse. Now our grade draft horses, 1,400 to 1,800 pounds, are demanded by the city markets, and even heavier horses sell all the better if they can be found. Many of our best farmers have grand teams of grade draft mares that money cannot buy. Every one is worth a fortune for breeding, while the amount of work they can perform is astonishing. The farmers all want larger horses, to work, and are eagerly breeding to increase the size. The dealers everywhere are actively looking for the grade draft horses all over the west, and fortunate the farmers and the communities where this popular horse is found.

IT is best for the average farmer to have but one kind of chicks. They can then have unlimited range, and there will be no expensive yards to keep up, and you will always know that your birds are pure. Birds can't remain healthy unless they are allowed plenty of room to roam and hunt the early worm.

No implement needs better care than those that are costly or difficult to construct. Some of them are used but a short time during the year, such as harvesters. They should be well cleaned, and every part subject to rust given a brushing over with kerosene. If convenient, expensive machinery should be covered, as during the winter there is always an accumulation of rust that does more or less damage to implements.

WHEN the ewes become old their places should be supplied by younger ones. Pen them in the fall and get them fat by giving them all the hay and grain they will eat, with plenty of turnips, and they will be in excellent condition for market in a short time.

WORKING the cabbage should still be done as the cabbage makes considerable growth after the leaves fold and begin to head. The crop delights in frequent cultivation, and does not object to manure at all stages of growth.

CROPS of 1880 and 1887.—According to the department of agriculture, the acreage of the several crops in 1880 and 1887 are as follows: Wheat in 1880, 30,000,000 acres; in 1887, 37,600,000. Corn in 1880, 62,800,000; in 1887, 74,400,000. Rye in 1880, 17,000,000; in 1887, 23,000,000. Oats in 1880, 16,200,000; in 1887, 25,900,000.

ALL receptacles for extracted honey, even those new, should be well rinsed with pure, cold water, and, after well dried, waxed, if of wooden structure, before using.

THERE are little things which effect the quality of butter which is not easy to explain to others. Good judgment is a quality not transmissible on paper.

FOUR quarts of finely ground cornmeal may be given every day to a cow on pasture. If the milk is sold and not made into butter, black-wheat bran may be given instead of cornmeal.

A NEW brand of fowls—the Orpington—is just coming into notice among English poultrymen. It is claimed that they are good layers and table fowls.

RADWAY'S PILLS! The Great Liver and Stomach Remedy.

For the cure of all disorders of the Stomach, Liver, Bowels, Kidneys, Bladder, Nervous Diseases, Loss of Appetite, Headache, Constipation, Indigestion, Biliousness, Fever, Inflammation of the Bowels, Piles, and all derangements of the internal viscera. Purely vegetable, containing no mercury, minerals, or deleterious drugs.

DYSPEPSIA! DR. RADWAY'S PILLS are a cure for this complaint. They restore strength to the stomach and enable it to perform its functions. The symptoms of dyspepsia disappear, and with them the liability of the system to contract diseases. Take the medicine according to directions, and observe what we say in "False and True."

DR. RADWAY'S Sarsaparillian Resolvent, Builds up the broken down constitution, purifies the blood, restores health and vigor. Sold by druggists, \$1 a bottle.

RADWAY'S READY RELIEF. For the relief and cure of all Pains, Congestions and Inflammations.

Exhaustive experiments in the manufacture of aluminium have recently been made at the Krupp works Essen, Germany, and with the most gratifying results. The metal is turned out in pure chunks, some of which weigh nearly 100 pounds, and the cost of production is said to be considerably less than a shilling (25 cents) per pound.

It frequently causes trouble—indeed, in some cases defies all efforts—to free iron from ingrained rust, but according to a German paper the thorough cleansing of it may be easily effected by immersing the article in a nearly saturated solution of chloride of tin, even if much eaten into. The duration of the immersion will depend upon the thicker or thinner film of rust; in most cases, however, twelve to twenty-four hours will suffice. The solution of chloride of tin must not contain too great an excess of acid, otherwise it would attack the iron itself.

The presence of wood stuff in paper is usually detected by the well-known aniline and phloro glucine reactions. The author (E. Haunseck) obtained from Professor Teclu a number of samples of wood cellulose in which the reactions could not be produced. If such samples are mixed with paper stuff the examination of the mixture by chemical materials is deceptive. Microscopic examination showed at once the presence of woody fibres. Paper manufacturers should bear this in mind.

Alum is found native in some places either effloresced on the surface of bituminous alum-schist, or united with the soil in the neighborhood of volcanoes, when it may be obtained by simple lixiviation and evaporation; a little potash being commonly added to convert the excess of sulphate of alumina present into alum. It is also found in certain mineral waters.

To-Night and To-Morrow Night, And each day and night during the week you can get at all druggists' Kemp's Balsam for the Throat and Lungs, acknowledged to be the most successful remedy ever sold for the cure of Coughs, Croup, Bronchitis, Whooping Cough, Asthma, and Consumption. Get a bottle to-day and keep it always in the house, so you can check your cold at once. Price 50c and \$1. Sample bottles free.

SEEDY PARTY (to bartender)—Gimme a gin fizz? Bartender—Yes, sir; do you want it extra fizzy? Seedy Party—No; extra ginny.

NEW YORKER—Where have you been for the past hour? Servant—I've been down stairs. "Great Scott! You have been gone long enough to have been down South!"

PASSENGER (on Pullman car nearing New York)—Porter, what's the matter with the ice water, it's warm? Porter—Warm, sah? Dat's funny, I put a chunk of ice in de filter, sah, jest befo' we lef Chicago, deed I did.

It seems that the discovery of a sure cure for baldness, claimed to have been made by H. A. Fechter, of New Haven, Conn., is genuine. Some of the results it has accomplished are really wonderful. Mr. Fechter has printed a circular describing it, which he distributes free to all who apply for it.

"THAT is rather an expensive umbrella, Bromley." "Yes, Darringer. It is the kind other people appropriate." "Just what I thought, Bromley; whose is it?"

MR. PERCY SILVERTON (who has had his high-valued though unpromising mustache removed)—See, Julie, I have had my mustache cut off!

Miss Julie Stiles (his fiancée)—Oh, pah! why did you tell me? I wanted to find it out myself!

PEOPLE are wrong who think that women generally object to telling their age. Most women are always willing to tell their age whenever they are asked. The trouble is that they do not tell the truth about it.

Salt Rheum

Often causes great agony with its intense itching and burning. Hood's Sarsaparilla, the great blood purifier, cures salt rheum and all skin diseases. It thoroughly cleanses, renovates and enriches the blood. Give it a trial.

Hood's Sarsaparilla Sold by all druggists, \$1, six for \$5. Prepared only by C. L. HOOD & CO., Lowell, Mass.

ELY'S CATARRH Cream Balm Cleanses the Nasal Passages, Allays Pain and Inflammation, Heals the Sores, Restores the Senses of Taste and Smell.

Try the Cure. HAY-FEVER A particle applied to each nostril and is agreeable to the system, it cracks and kills the insects from garret to cellar.

Water Bugs, Beetles, Roaches, etc. For two or three nights sprinkle Roach on rats dry powder, in, about and down the sink-drain pipe, in cracks, and in the morning wash it all away down the drain pipe, when all the insects from garret to cellar will disappear.

ROUGH ON MALARIA. Kneads Malaria out of the system. Cures all cases of Malaria, Fever, Ague, Chills, etc. Sold by all druggists, or prepared by E. R. WELLS, Jersey City, N. J.

WANTED: ONE AGENT FOR THIS COUNTY. To take orders for enlarging SMALL PHOTOGRAPHS into LIFE-SIZE CRAYON PICTURES.

HERBRAND FIFTH WHEEL. Latest Improved HERBRAND CO., Fremont, O.

HERBAND FIFTH WHEEL. Latest Improved HERBRAND CO., Fremont, O.

Blair's Pills. Great English Gout and Rheumatic Remedy. Sold by all druggists.

KIDDER'S PASTILLES. For all kinds of ailments. Sold by all druggists.

OPIMUM TABLET. For all kinds of ailments. Sold by all druggists.

His OFFENCE.—Cincinnati Man (to visitor from the country)—Just wait a minute. I want to see what they did with Lagerber's case. Lagerber is one of our prominent saloonists.

General Lew Wallace, the distinguished author of "Ben Hur" and life-long friend of the Republic, has just published an authorized biography of him. W. U. Hensel, a staunch leader in national councils of the Democratic party, has just completed an admirable biography of Cleveland, with a light sketch of Thurman.

Lucy—Are you going to the seashore this season? Tom—No; I need rest.

Nothing Cures Dropsy, Gravel, Bright's, Heart, Diabetes, Urinary, Liver Diseases, Nervousness, etc., like Carter's Kidney Cure. Office, 321 Arch St., Phila., Pa. A bottle for \$1. At Druggists. Cures the worst cases. Cure guaranteed. Try it.

Geese may be picked every ten weeks. Old geese should be kept for breeding, and the surplus geese marketed as soon as they are large enough.

Feas may be planted as late as now for a summer or fall supply. There is no necessity for ceasing to grow peas as long as the season is favorable.

The Fraser Axle Grease is better and cheaper than any other, at double the price. Ask your dealer for it, and take no other.

Cool nights are injurious to melons. The ground should not be disturbed after the vines have run, but all weeds should be pulled out in the hills.

If afflicted with sore eyes use Dr. Isaac Thompson's Eye-water. Druggists sell at 50c per bottle.

HE GOT EVEN.—First Club Man (heavily)—All I have to say is that I consider you a puppy. Second Ditto (coolly)—If that were the case I could take first prize at the dog show, and that's more than you can say.

"WELL, Janet," said the facetious husband, whose wife had just discharged the hired girl, "are you going to bravely breast the waves of the domestic sea of troubles?" "No," she answered, demurely, "I am only going to stem the currant."

SYMPATHETIC OLD LADY (to convict)—Ah, my unfortunate friend, your fate is indeed a hard one, and as she thinks of you in this dreadful place, how your poor wife must suffer. Convict (very much affected)—Wh— which one, mum? I'm up for bigamy.

YOUNG WIFE—Will you love me forever, Charles? Young Husband—How long, darling? "Forever, Charles, forever."

"I don't really think, Clara, that I'll last quite that long unless you quit making those biscuits for supper."

Better than a Hero. "What a coward that Major Smith is," said Jones to Robinson, "why, the very sight of gun-powder would make him ill. How did he ever manage to become an officer in the army?"

To remove machine oil from cotton goods rub the spots with hard soap and soft water as soon as they are observed and they can be easily taken out.

A Young Girl's Grief at seeing her charms of face and form departing, and her health imperiled by functional irregularities, at her critical period of life, was turned to joy and gratitude after a brief self-treatment with Dr. Pierce's Favorite Prescription. It purified and enriched her blood, gave a healthy activity to the kidneys, stomach, bowels, and other organs, and her return to robust health speedily followed.

"JAMES," said the grocer to his new boy, "haven't you got anything to do now?" "No, sir."

HER FATHER—I can't give her any dowry. I am very poor, Mr. Brown. My little all won't foot up more than \$25,000.

Mr. Brown—Oh, \$25,000 is enough for us to begin on, Mr. Smyth.

BOSTON MAIDEN (to young man from New Jersey)—In New Jersey, Mr. Redmud, blood, I understand, is not considered of the first importance? Mr. Redmud—It is among the skeeters, Miss Waldo.

Dyspepsia, indigestion, sick headache, and that tired feeling are cured by Hood's Sarsaparilla, which tones the stomach, promotes healthy digestion, creates an appetite, cures sick headache and builds up the whole system. Sold by all druggists. 100 Doses One Dollar.

Rupture cured guaranteed by Dr. J. B. Mayer, 331 Arch St., Phila., Pa. Ease at once, no operation or delay from business, attended by thousands of cures after others fail, advice free, send for circular.

Matches should always be kept in a stone or earthen jar, or in tin.

FOR OLD PEOPLE!

In old people the nervous system is weakened, and that must be strengthened. One of the most prominent medical writers of the day, in speaking of the prevalence of rheumatic troubles among the aged, says: "The various pains, rheumatic or other, which old people often complain of, and which materially disturb their comfort, result from disordered nerves." There it is in a nutshell—the medicine for old people must be a nerve tonic. Old people are beset with constipation, flatulency, drowsiness, diarrhoea, indigestion, rheumatism, neuralgia. These diseases are of nervous origin. Paine's Celery Compound, that great nerve tonic, is almost a specific in these disorders, and by its regulating influence on the liver, bowels, and kidneys, removes the disorders peculiar to old age. Old people find it stimulating to the vital powers, productive of appetite, and a promoter of digestion.

WELLS, RICHARDSON & CO., Burlington, Vt.

70,000 AGENTS WANTED to supply FIFTY MILLIONS people with THE LIFE OF BEN HARRISON BEN HUR.

"JAMES," said the father of the family, sternly, "your school reports have been anything but favorable this term. I suppose you failed in your examination as usual?" "No, sir," protested the boy, "I passed, but it was a tight squeeze."

"That's so," testified James, coming to the relief of his sister. "I was at the top of the stairway and saw him go. He got away at 11 o'clock, but it was a tight squeeze."

MAMMA—Harry, what have you been doing to the poor dog? He's been howling dreadfully.

Harry—Well, he knocked over your vase, and I spoke to him and I guess his feelings were hurt.

"Nonsense! Dogs can't understand what you say."

"How LONG have you been in business as a barber?" "Nearly twenty years, sir. I commenced when I was fourteen years old. I have a son who will succeed me sooner or later."

"I am glad to hear it. And when he opens business buy him a new razor. The one you have been shaving me with has been injured by its twenty years of service."

THE AGONIES OF LUMBAGO. EAST RIVER NATIONAL BANK, NEW YORK, March 10, 1886.

It gives me great pleasure to add my testimony in favor of ALCOCK'S POROUS PLASTERS. Last October I had a very serious attack of lumbago and suffered untold agony; could not turn in bed or get in any position without assistance, and with pain almost unbearable; the folks suggested ALCOCK'S POROUS PLASTERS. As soon as possible I had one applied to the small of my back, and to my great surprise I experienced almost instant relief; I continued wearing it until entirely cured, and am happy to say that I have not had the slightest symptoms of Lumbago since. They are a wonderful and valuable Plaster for Lumbago, and I take much pleasure in recommending them. W. S. PHILLIPS.

EXCHANGE EDITOR—William E. Curtis says that South American moqueques will attack a boat and drive the captain and crew from the deck, besides breaking windows by their fierce onslaughts. Shall I make a note calling attention to the absurdity of that story?

ABLE EDITOR—N-o; it might be true. Guess you never visited an eastern summer resort.

MISS CLARA (at the seashore)—How gracefully young Mr. De Lyle handles the ribbons when driving, doesn't he? Miss Jennie—He ought to, my dear; he has charge of that department at Silk & satin's, you know.

if Wise, Ask Yourself WHY (Should you Suffer with Indigestion? Should Dyspepsia be Endured? Should you Suffer with Diarrhoea? Take any Foolish Risk?) when you can put your Stomach in first-class order and keep it so, with

DR. SCHENCK'S MANDRAKE PILLS. A Purely Vegetable Compound, without mercury or any other injurious mineral.

WHY (Have a Congested & Enlarged Liver? Suffer with Nausea and Bloating? Let Dr. Schenck's Mandrake Pills Not Remove all Liver Troubles?) when you can command the most powerful agent Nature has given for treating the Liver and restoring its function, by asking or sending for a box of

DR. SCHENCK'S MANDRAKE PILLS. For Sale by all Druggists. Price 25 Cts. per box; 8 boxes for \$5.00; or sent by mail, postage free, on receipt of price. Dr. J. H. Schenck & Son, Philadelphia.

Dr. J. N. & J. B. HOBENSACK, Surgical & Medical Office, 305 N. Second St., Phila., Pa. Establish 40 years. Make specialty of treating all forms of Nervous debility, loss of vigor, youthful impotence and all forms of special diseases. Consultation by mail strictly private and confidential.

SEND FOR BOOK. Office Hours 9 A. M. to 2 P. M., and from 6 to 9 P. M. Closed on Sundays.

AFFLICTED UNFORTUNATE After all others fail consult Dr. LOBB 239 N. 15th St., below Callerhall, Phila., Pa. 20 years experience in all SPECIAL diseases. Permanently restores those weakened by early indiscretions. Call or write. Advice free and strictly confidential. Hours 11 A. M. till 8 P. M. and 2 to 6 evening. Send stamp for book.

FITS STOPPED FREE. Dr. KLINE'S GREAT NERVE RESTORER. For all kinds of ailments. Sold by all druggists.

ASTHMA CURED. For all kinds of ailments. Sold by all druggists.

PISOS CURE FOR CONSUMPTION. For all kinds of ailments. Sold by all druggists.

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